

## **Report on ICT Skills**

Gushkara Mahavidyalaya recognizes that technology plays a crucial role in our daily lives, and we understand the importance of embracing new technological tools to bring innovation to our institution. By doing so, we enhance the flow of information, promote student engagement, and automate processes, ultimately creating a more efficient and effective learning environment.

One of the ways we have implemented technology is through the use of the ICT format. This format allows for seamless communication between teachers and students, providing the entire educational community with quick access to shared resources. This not only improves the overall learning experience but also prepares our students for the digital era, where technology is increasingly prevalent.

Furthermore, digital tools enable direct and immediate communication, even in the absence of physical presence. This was particularly important during the Corona Crisis period, where remote learning became the norm. By utilizing technology, we were able to ensure that our students continued to receive a quality education, regardless of their physical location.

To ensure that our students are well-equipped for the digital era, we offer a computer lab with internet facility where they can develop essential computer skills. Additionally, we integrate ICT technology across various departments, including Physics, Mathematics, Accountancy, Geography, and Botany. This integration allows our students to apply their knowledge and skills in a practical and relevant manner, further enhancing their learning experience.

In line with our commitment to innovation, we strive to conduct at least one internal examination in PPT presentation mode. This allows our students the freedom to express their innovative ideas and showcase their understanding of the subject matter in a creative and engaging way. By encouraging this type of assessment, we foster critical thinking, problem-solving, and effective communication skills among our students. The improvement of computer skills among office staff is achieved by involving non-teaching staff in various government-sponsored skill enhancement programs. These programs include training on PF maintenance, handling PFMS, HRMS, CAMS, e-pension portal, and more.

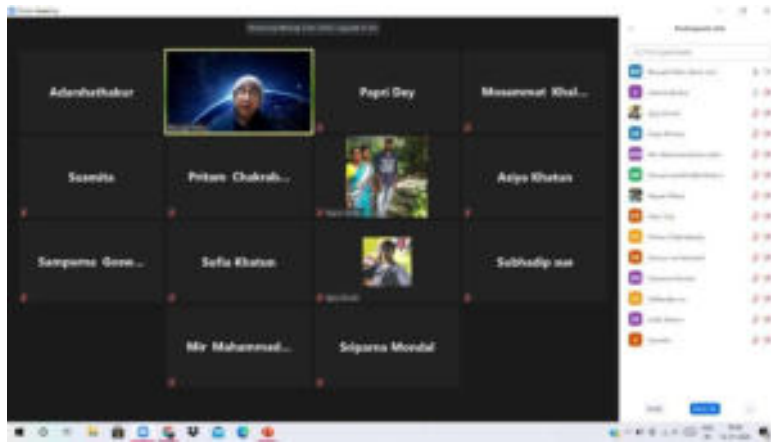
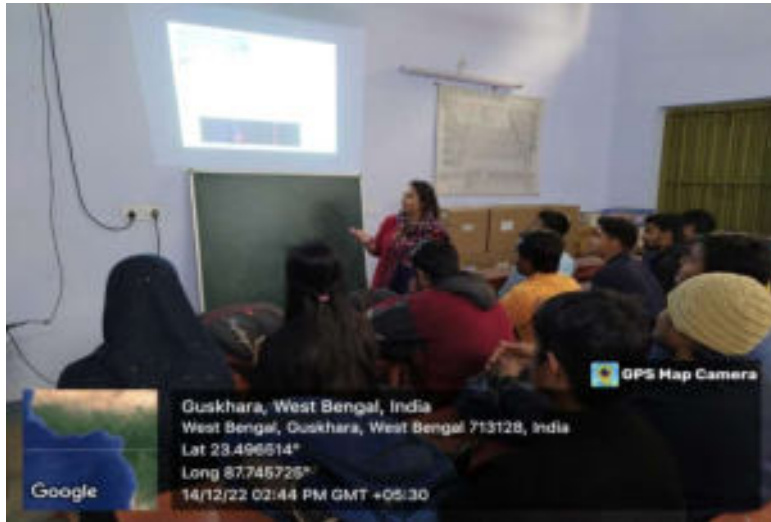
Through these efforts, Gushkara Mahavidyalaya actively contributes to the growth and development of our students. By recognizing the significance of technology in our daily lives and embracing new technological tools, we create a dynamic and forward-thinking educational environment that prepares our students for success in the digital era.



**Students Giving Internal Examination In Presentation Mode**



Basic Computer Skill Classes



Rank of Statistics (x)	Rank of Mathematics (y)	$(x - \bar{x})$	$(y - \bar{y})$
1	2	-1	4
2	4	-2	2
3	1	-2	1
4	5	-1	3
5	3	-2	1
6	9	-3	9
7	7	-2	7
8	10	-1	10
9	6	-2	6
10	8	-1	8
		<b>Total</b>	<b>90</b>

$$r = \frac{\sum xy}{\sqrt{\sum x^2 \sum y^2}}$$

$$= \frac{10 \times 49}{\sqrt{10(10^2 - 1) \times 9(9^2 - 1)}}$$

$$= \frac{490}{\sqrt{10(100 - 1) \times 9(81 - 1)}}$$

$$= \frac{490}{\sqrt{990 \times 720}}$$

$$= \frac{490}{\sqrt{712800}}$$

$$= \frac{490}{844.28}$$

$$= 0.58$$

Faculty Members taking Classes Using ICT

**Gushkara Mahavidyalaya**  
**Department of Commerce**

Year-2018-19

**Summary sheet of ICT mode of Learning of Department of Commerce**

Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
AK BHAGAT	Semester-1	CC 2: Concept of Management, Evolution of the Management Thought, Planning, Decision-making, Staffing and Leading, Control	PPT,PDF
TN DATTA		Organizing	PPT
M SARKAR	Semester-2	CC 4: The Indian Contract Act, 1872	PPT&PDF
AK BHAGAT		The Negotiable Instruments Act 1881	PPT&PDF
		The Partnership Act, 1932	
		The Limited Liability Partnership Act, 2008,	
M SARKAR	Semester-3	CC 5 : Introduction to Company, Documentation & Formation of Company	PPT&PDF
AK BHAGAT		Management, Corporate meeting, winding up	PPT&PDF
M SARKAR		CC 6: Marginal Costing	PPT
AK BHAGAT		SEC 1: E-Commerce introduction and model, New Trends in E-Commerce	PPT
P SHYAM		E-CRM and SCM	PPT&PDF
		Digital Payment	
	ERP		
M SARKAR	Semester-4	CC 8: Marketing Management: Introduction	PPT
AK BHAGAT		Channel of distribution	
		Promotion	
		Consumer Behaviour	PPT
		Product	
AK BHAGAT		CC 9: Computer Basics, Internet and Its Applications	PPT
P SHYAM		Number System and Binary Arithmetic and Logic Gates	PPT
		Introduction to DBMS	PPT
		SEC-2: Entrepreneurship: Introduction	PPT
M SARKAR		Entrepreneurship-Micro, Small and Medium Enterprises	
	Role of Government and Institutions in Entrepreneurship Development		
TN DATTA	Semester 4	CC 10: Introduction and various aspects of HRM, HR Planning	PPT
AK BHAGAT		Selection	PPT
		Training and Development	

  
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**Co-ordinator**  
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Gushkara, Purba Bardhaman

  
**Head**  
Department of Commerce  
Gushkara Mahavidyalaya

Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)	
TN DATTA	Semester-5	CC 11: Taxation and introduction, Income under the head Salaries and its Computation	PPT	
M SARKAR		CC 12: Introductory part of Auditing, Audit Report and Certificates, Special Areas of Audit	PPT	
TN DATTA		Audit of Companies	PPT	
AK BHAGAT		DSE-2: Financial System and its Components, Financial Markets Financial Institutions Financial Services		PPT&PDF
M SARKAR				
Dr.SK PAN	Semester-6	CC- 13: Introductory part of Financial Management	PPT&PDF	
AK BHAGAT		Sources of Finance		
		Capital Budgeting Decision		
		Dividend Decisions		

  
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 Department of Commerce  
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**Department of Commerce**

Year-2019-20

**Summary sheet of ICT mode of Learning of Department of Commerce**

Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)	
AK BHAGAT	Semester-1	CC 2: Concept of Management, Evolution of the Management Thought, Planning, Decision-making, Staffing and Leading, Control	PPT,PDF	
TN DATTA		Organizing	PPT	
M SARKAR	Semester-2	CC 4: The Indian Contract Act, 1872	PPT&PDF	
AK BHAGAT		The Negotiable Instruments Act 1881	PPT&PDF	
		The Partnership Act, 1932		
		The Limited Liability Partnership Act, 2008,		
M SARKAR	Semester-3	CC 5 : Introduction to Company, Documentation & Formation of Company	PPT&PDF	
AK BHAGAT		Management, Corporate meeting, winding up	PPT&PDF	
M SARKAR		CC 6: Marginal Costing	PPT	
AK BHAGAT		SEC 1: E-Commerce introduction and model, New Trends in E-Commerce	PPT	
B MONDAL		E-CRM and SCM	PPT&PDF	
		Digital Payment		
		ERP		
M SARKAR	Semester-4	CC 8: Marketing Management: Introduction	PPT	
		Channel of distribution		
AK BHAGAT		Promotion	PPT	
		Consumer Behaviour		
		Product		
AK BHAGAT		CC 9: Computer Basics, Internet and Its Applications	PPT	
B MONDAL		Number System and Binary Arithmetic and Logic Gates	PPT	
		Introduction to DBMS	PPT	
M SARKAR		SEC-2: Entrepreneurship: Introduction	PPT	
	Entrepreneurship-Micro, Small and Medium Enterprises			
	Role of Government and Institutions in Entrepreneurship Development			
TN DATTA	Semester 4	CC 10: Introduction and various aspects of HRM, HR Planning	PPT&PDF	
AK BHAGAT		Selection	PPT	
		Training and Development		

  
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TN DATTA	Semester-5	CC 11: Taxation and Introduction, Income under the head Salaries and Its Computation	PPT
M SARKAR		CC 12: Introductory part of Auditing, Audit Report and Certificates, Special Areas of Audit	PPT
TN DATTA		Audit of Companies	
AK BHAGAT		DSE-2: Financial System and Its Components,	PPT&PDF
M SARKAR		Financial Markets	
M SARKAR	Financial Institutions Financial Services		
Dr.SK PAN	Semester-6	CC- 13: Introductory part of Financial Management	PPT&PDF
AK BHAGAT		Sources of Finance	
AK BHAGAT		Capital Budgeting Decision	
AK BHAGAT		Dividend Decisions	

  
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 Disha Barhman

  
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 Gushkara Mahavidyalaya  
 Head  
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**Gushkara Mahavidyalaya**  
**Department of Commerce**  
**Year-2020-21**

**Summary sheet of ICT mode of Learning of Department of Commerce**

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AK BHAGAT	Semester-1	CC 2: Concept of Management, Evolution of the Management Thought, Planning, Decision-making, Staffing and Leading, Control	PPT,PDF
TN DATTA		Organizing	PPT
M SARKAR	Semester-2	CC 4: The Indian Contract Act, 1872	PPT&PDF
AK BHAGAT		The Negotiable Instruments Act 1881	PPT&PDF
		The Partnership Act, 1932	
		The Limited Liability Partnership Act, 2008,	
AK BHAGAT	Semester-3	CC 5: Computer Basics, Internet and Its Applications	PPT&PDF
B MONDAL		Number System and Binary Arithmetic and Logic Gates	
M SARKAR		Introduction to DBMS	PPT
AK BHAGAT		CC 6: Marginal Costing	PPT
		SEC 1: E-Commerce introduction and model, New Trends in E-Commerce	
		E-CRM and SCM	
B MONDAL	Digital Payment	PPT&PDF	
	ERP		
TN DATTA	Semester-4	CC-9: Introduction: Human Resource Management	PPT&PDF
AK BHAGAT		Human Resource Planning	
		Introduction to Marketing Management	PPT&PDF
		Consumer Behaviour	
M SARKAR		Managing the Product	PPT
		SEC-2: Entrepreneurship: Introduction	
		Entrepreneurship-Micro, Small and Medium Enterprises	
	Role of Government and Institutions in Entrepreneurship Development		
M SARKAR	Semester 4	CC-10: Introduction to Companies Act 2013	PPT&PDF
AK BHAGAT		Formation of a Company, Company Administration	PPT
		Share Capital & Debenture	PPT
		Corporate Meetings	

  
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TN DATTA	Semester-5	CC 11: Taxation and introduction, Income under the head Salaries and its Computation	PPT
M SARKAR		CC 12: Introductory part of Auditing, Audit Report and Certificates, Special Areas of Audit	PPT
TN DATTA		Audit of Companies	
		DSE-2: Financial System and Its Components,	PPT&PDF
AK BHAGAT		Financial Markets	
M SARKAR		Financial Institutions	
	Financial Services		
Dr.SK PAN	Semester-6	CC- 13: Introductory part of Financial Management	PPT&PDF
		Sources of Finance	
AK BHAGAT		Capital Budgeting Decision	
		Dividend Decisions	

  
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**Department of Commerce**

Year-2021-22

**Summary sheet of ICT mode of Learning of Department of Commerce**

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AK BHAGAT	Semester-1	CC 2: Concept of Management, Evolution of the Management Thought, Planning, Decision-making, Staffing and Leading, Control	PPT,PDF
TN DATTA		Organizing	PPT
M SARKAR	Semester-2	CC 4: The Indian Contract Act, 1872	PPT&PDF
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AK BHAGAT	Semester-3	CC 5: Computer Basics, Internet and Its Applications	PPT
B MONDAL		Number System and Binary Arithmetic and Logic Gates	PPT&PDF
		Introduction to DBMS	
M SARKAR		CC 6: Marginal Costing	PPT
AK BHAGAT		SEC 1: E-Commerce introduction and model, New Trends in E-Commerce	PPT
B MONDAL		E-CRM and SCM	PPT&PDF
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		Consumer Behaviour	
M SARKAR		Managing the Product	
M SARKAR	SEC-2: Entrepreneurship: Introduction	PPT	
	Entrepreneurship-Micro, Small and Medium Enterprises		
	Role of Government and Institutions in Entrepreneurship Development		
M SARKAR	Semester 4	CC-10: Introduction to Companies Act 2013	PPT&PDF
AK BHAGAT		Formation of a Company, Company Administration	PPT
		Share Capital & Debenture	
		Corporate Meetings	PPT



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**Co-ordinator**  
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Bardhaman



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Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
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 Head  
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**Gushkara Mahavidyalaya**  
**Department of Commerce**

Year-2022-23

**Summary sheet of ICT mode of Learning of Department of Commerce**

Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
AK BHAGAT	Semester-1	CC 2: Concept of Management, Evolution of the Management Thought, Planning, Decision-making, Staffing and Leading, Control	PPT,PDF
TN DATTA		Organizing	PPT
M SARKAR	Semester-2	CC 4: The Indian Contract Act, 1872	PPT&PDF
AK BHAGAT		The Negotiable Instruments Act 1881	PPT&PDF
		The Partnership Act, 1932	
		The Limited Liability Partnership Act, 2008,	
AK BHAGAT	Semester-3	CC 5: Computer Basics, Internet and Its Applications	PPT&PDF
B MONDAL		Number System and Binary Arithmetic and Logic Gates	
		Introduction to DBMS	
M SARKAR		CC 6: Marginal Costing	PPT
AK BHAGAT		SEC 1: E-Commerce introduction and model, New Trends in E-Commerce	PPT
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	ERP		
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AK BHAGAT		Human Resource Planning	
		Introduction to Marketing Management	PPT&PDF
		Consumer Behaviour	
		Managing the Product	
M SARKAR		SEC-2: Entrepreneurship: Introduction	PPT
	Entrepreneurship-Micro, Small and Medium Enterprises		
	Role of Government and Institutions in Entrepreneurship Development		
M SARKAR	Semester 4	CC-10: Introduction to Companies Act 2013	PPT&PDF
		Formation of a Company	PPT
AK BHAGAT		Company Administration	
		Share Capital & Debenture	
	Corporate Meetings		

  
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Faculty Name	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
M SARKAR	Semester-5	CC 12: Introductory part of Auditing	PPT
		Audit of Companies	
		Audit Report and Certificates	
		Special Areas of Audit	
AK BHAGAT	Semester-5	DSE-2: Financial System and Its Components,	PPT&PDF
Financial Markets			
M SARKAR		Financial Institutions	
Financial Services			
AK BHAGAT	Semester-6	CC- 13: Introductory part of Financial Management	PPT&PDF
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		Capital Budgeting Decision	
		Dividend Decisions	

  
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 Department of Commerce  
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**Department of Botany**  
**Gushkara Mahavidyalaya**

Summary sheet of ICT mode of Learning of Department of Botany

2022-23(Semester-1)

Name of the Faculty	Semester	CourseCode	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-1 (Honours)	CC-1 Microbiology Unit-2 Viruses	General structure of Virus with special reference to TMV, T2-Phage	PPT & PDF
			Viroids and Prions	PPT & PDF
			Lytic cycle of Virus	PPT & PDF
			Lysogenic cycle of Virus	PPT & PDF
		CC-1 Microbiology Unit-3 Bacteria	Cell structure of Bacteria	PPT & PDF
			Bacterial Chromosome & extra-chromosomal genetic elements	PPT & PDF
			Genetic recombination of Bacteria (conjugation, transformation and transduction)	PPT & PDF
			Endospore of Bacteria	PPT & PDF
		CC-1 Phycology Unit-4 Algae	General characteristics; range of thallus organization	PPT & PDF
		Unit 5 Cyanophyta and Xanthophyta	Morphology and life-cycle of <i>Vaucheria</i>	PPT & PDF
		Unit 6	Chlorophyta and Charophyta	PPT & PDF
		Unit 7	Phaeophyta and Rhodophyta	PPT & PDF

  
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Summary sheet of ICT mode of Learning of Department of Botany

2022-23(Semester-III)

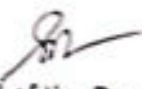
Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-3 (Honours) CC-6	Core Course- 6 Plant Systematics Unit-1	Herbarium and Botanical Garden	PPT & PDF
			Unit-2	Species Concept
		Unit-3	Principles and rules (ICN)	PPT & PDF
		Unit-4	Major contributions of Taxonomists	PPT & PDF
			Classification systems of Bentham and Hooker [1862-83 (upto series)]	PPT & PDF
			Classification systems of Bentham and Hooker [1862-83 (upto series)]	PPT & PDF
		Semester-3 (Honours) CC-7	Core Course -7 Economic Botany Unit 1	Concept of Centres of Origin
	Importance of Centres of Origin with reference to Vavilov's work.			PPT & PDF
	Crop domestication and loss of genetic diversity			PPT & PDF
	Importance of germplasm diversity			PPT & PDF
	Unit-2		Wheat (origin, morphology, processing & uses)	PPT & PDF
	Unit-4		Morphology and processing of sugarcane, products and by-products of sugarcane industry.	PPT & PDF
	Unit-5		Listing of important spices, their family and part used.	PPT & PDF
	Unit-6		Beverages Tea & Coffee (morphology, processing & uses)	PPT & PDF
	Unit-8		Para-Rubber	PPT & PDF
	Unit-11		Cotton (morphology, extraction and uses)	PPT & PDF



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Co-ordinator  
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Gushkara, Purba Bardhaman



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Gushkara Mahavidyalaya

Head  
Department of Botany  
Gushkara Mahavidyalaya



2022-23 (Semester-V)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-V (Honours) Core Course 11 Plant Physiology	Unit-5	Discovery	PPT & PDF
			Chemical nature growthregulators	PPT & PDF
			Bioassay and physiological roles of Auxin	PPT & PDF
			Gibberellins	PPT & PDF
			Cytokinin	PPT & PDF
			Abscisic acid	PPT & PDF
			Ethylene	PPT & PDF
			Brassinosteroids(Outline)	PPT & PDF
			Jasmonicacid(Outline).	PPT & PDF
			Unit-6	Photoperiodism
	Flowering stimulus	PPT & PDF		
	Florigen concept	PPT & PDF		
	Discipline Specific Elective (DSE 1) Reproductive Biology of Angiosperms	Unit 4	Microgametogenesis	PPT & PDF
			NPC system	PPT & PDF
			Pollination types and significance	PPT & PDF
			Double fertilization.	PPT & PDF
		Unit 5	Methods to overcome self-incompatibility: mixed pollination	PPT & PDF
			Methods to overcome self-incompatibility: bud pollination	PPT & PDF
			Methods to overcome self-incompatibility: Intra-ovarian and <i>in vitro</i> pollination	PPT & PDF
		Unit6	General pattern of development of dicot embryo	PPT & PDF
General pattern of development of monocot embryo			PPT & PDF	



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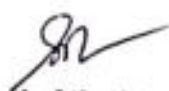
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IQAC

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Gushkara, Purba Bardhaman



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Gushkara Mahavidyalaya

Head  
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Summary sheet of ICT mode of Learning of Department of Botany  
2022-23 (Semester-II)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-II (Honours)	Core Course IV Morphology & Anatomy of Angiosperms Unit 3	Secondary growth of Plant Cell wall	PPT & PDF
			Pits and plasmodesmata of Cell wall	PPT & PDF
		Unit 4	Apical meristems	PPT & PDF
		Unit 5	Vascular Cambium and Wood	PPT & PDF
		Unit 6	Adaptive and Protective Systems	PPT & PDF
		Unit 7	Leaves and Inflorescence	PPT & PDF
		Unit-8	Types of flower; Aestivation	PPT & PDF
			Placentation - types and evolution.	PPT & PDF
			Floral formula & floral diagram; Adhesion-Cohesion of floral parts	PPT & PDF
				Microgametogenesis and Megagametogenesis and Sporogenesis and Embryosac,
	Semester-II (General)	CC- 1B Plant Ecology and Taxonomy Unit-7	Herbarium and Functions of Herbarium and Botanical Gaeden	PPT & Departmental Herbarium
			Unit 11	



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IQAC  
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Gushkara Mahavidyalaya  
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Gushkara Mahavidyalaya  
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Summary sheet of ICT mode of Learning of Department of Botany  
2022-23 (Semester-IV)

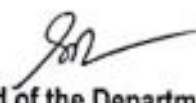
Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-IV (Honours)	CC-8 Palaeobotany & Palynology	Definition of fossil, process of fossilization	PPT & PDF
			Types of fossils on the basis of their preservation; concept of Form Genus.	PPT & PDF
			Microsporogenesis	PPT & PDF
			Megasporogenesis.	PPT & PDF
			Pollination: Contrivances	PPT & PDF
	Semester-IV (General)	CC- 1D : Plant Physiology and Metabolism	Unit 1: Plant-water relations Transpiration	PPT & PDF
			Unit 7: Nitrogen metabolism	PPT & PDF
			Unit 8: Plant growth regulators	PPT & PDF
			Unit 9: Plant response to light and temperature	PPT & PDF



Principal  
Gushkara Mahavidyalaya  
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Gushkara Mahavidyalaya  
Co-ordinator  
IQAC  
Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman



Head of the Department  
Gushkara Mahavidyalaya  
Head  
Department of Botany  
Gushkara Mahavidyalaya

Summary sheet of ICT mode of Learning of Department of Botany  
2022-23 (Semester-VI)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-VI (Honours) DSE-3(H)- Plant Evolution and Biodiversity	Unit-1	Earliest forms of plant life: formation of first cell	PPT & PDF
		Unit-2	Evolutionary trends: green algae to land plants	PPT & PDF
			Evolutionary trends: non-vascular to vascular plants	PPT & PDF
			Evolutionary trends: gymnosperm to angiosperms	PPT & PDF
			Evolution of plants using C4 photosynthetic pathway.	PPT & PDF
			Evolution of plants using CAM photosynthetic pathway.	PPT & PDF
		Unit-4	Evolutionary theories	PPT & PDF
			Evolutionary theories: Natural Selection	PPT & PDF
			Evolutionary theories: Group Selection	PPT & PDF
			Evolutionary theories: Neutral theory of molecular evolution.	PPT & PDF
	Unit-5	Plant diversity around the world: aquatic plants	PPT & PDF	
		Plant diversity around the world: wetland plants	PPT & PDF	
		Plant diversity around the world: halophytes	PPT & PDF	
	DSE- 4(H)- Horticultural Practices and Post-Harvest Technology	Unit-1 Introduction	Scope and importance of Horticulture.	PPT & PDF
			Branches of horticulture; Role in rural economy and employment generation.	PPT & PDF
		Unit 2	Ornamental plants	PPT & PDF

  
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Head of the Department  
Gushkara Mahavidyalaya  
Head  
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**Gushkara Mahavidyalaya**

Summary sheet of ICT mode of Learning of Department of Botany  
2023-24(Semester-I)

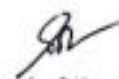
Name of the Faculty	Semester	CourseCode	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-I (NEP)	Major (BOTN1011)- Plant Diversity and Evolution  Unit 2: Bacteria	Characteristic features, cell structure and genetic element	PPT & PDF
			Asexual reproduction of Bacteria	PPT & PDF
			Modes of gene transfer(conjugation, transformation and transduction)	PPT & PDF
		Unit 3: Viruses	Characteristic features, replication of Virus	PPT & PDF
			RNA virus (structure of TMV), DNA virus (structure of T2-phage)	PPT & PDF
			Lytic and Lysogenic life cycle (Lambda phage)	PPT & PDF
		Unit 4: Algae	Characteristic features, cell structure, range of thallus, methods of reproduction	PPT & PDF
			A brief account of <i>Nostoc</i> , <i>Spirogyra</i> , <i>Sargassum</i>	PPT & PDF
			<i>Polysiphonia</i> , Economic significance (brief account)	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany

2023-24(Semester-III)

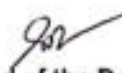
Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-3 (Honours) CC-6	Plant Systematics Unit-1	Herbarium and Botanical Garden	PPT & PDF
		Unit-2	Species Concept	PPT & PDF
		Unit-3	Principles and rules (ICN)	PPT & PDF
		Unit-4	Major contributions of Taxonomists	PPT & PDF
			Classification systems of Bentham and Hooker [1862-83 (upto series)]	PPT & PDF
			Classification systems of Bentham and Hooker[1862-83 (upto series)]	PPT & PDF
			Classification systems of Takhtajan(1997)	PPT & PDF
	Semester-3 (Honours) CC-7	Core Course - 7 Economic Botany Unit 1	Concept of Centres of Origin	PPT & PDF
			Importance of Centres of Origin with reference to Vavilov's work.	PPT & PDF
			Crop domestication and loss of genetic diversity	PPT & PDF
			Importance of germplasm diversity	PPT & PDF
		Unit-2	Wheat	PPT & PDF
		Unit-4	Sugarcane	PPT & PDF
		Unit-5	Spices	PPT & PDF
	Semester-3 (General)	Unit 5	Structural organization of flower	Structure and types of ovules
			Types of embryo sacs	PPT & PDF
			Organization of mature embryo sac.	PPT & PDF
			Ultrastructure of mature embryo sac.	PPT & PDF
		Unit-6	Pollination mechanisms and adaptations	PPT & PDF
			Double fertilization	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2023-24 (Semester-V)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-V (Honours) Core Course 11 Plant Physiology	Unit-5	Discovery	PPT & PDF
			Chemical nature growthregulators	PPT & PDF
			Bioassay and physiological roles of Auxin	PPT & PDF
			Gibberellins	PPT & PDF
			Cytokinin	PPT & PDF
			Abscisic acid	PPT & PDF
			Ethylene	PPT & PDF
			Brassinosteroids(Outline)	PPT & PDF
			Jasmonicacid(Outline).	PPT & PDF
			Unit-6	Photoperiodism
	Flowering stimulus	PPT & PDF		
	Florigen concept	PPT & PDF		
	Discipline Specific Elective (DSE 1) Reproductive Biology of Angiosperms	Unit 4	Microgametogenesis	PPT & PDF
			NPC system	PPT & PDF
			Pollination types and significance	PPT & PDF
			Double fertilization.	PPT & PDF
		Unit 5	Methods to overcome self-incompatibility: mixed pollination	PPT & PDF
			Methods to overcome self-incompatibility: bud pollination	PPT & PDF
			Methods to overcome self-incompatibility: Intra-ovarian and <i>in vitro</i> pollination	PPT & PDF
		Unit6	General pattern of development of dicot embryo	PPT & PDF
General pattern of development of monocot embryo			PPT & PDF	

  
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**Summary sheet of ICT mode of Learning of Department of Botany**

**2021-22(Semester-I)**

Name of the Faculty	Semester	CourseCode	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-1 (Honours)	CC-1 Microbiology Unit-2 Viruses	General structure of Virus with special reference to TMV, T2-Phage	PPT & PDF
			Viroids and Prions	PPT & PDF
			Lytic cycle of Virus	PPT & PDF
			Lysogenic cycle of Virus	PPT & PDF
		CC-1 Microbiology Unit- 3 Bacteria	Cell structure of Bacteria	PPT & PDF
			Bacterial Chromosome & extra-chromosomal genetic elements	PPT & PDF
			Genetic recombination of Bacteria (conjugation, transformation and transduction)	PPT & PDF
			Endospore of Bacteria	PPT & PDF
		CC-1 Phycology Unit-4 Algae	General characteristics; range of thallus organization	PPT & PDF
		Unit 5 Cyanophyta and Xanthophyta	Morphology and life-cycle of <i>Vaucheria</i>	PPT & PDF
		Unit 6	Chlorophyta and Charophyta	PPT & PDF
		Unit 7	Phaeophyta and Rhodophyta	PPT & PDF



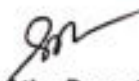
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**Summary sheet of ICT mode of Learning of Department of Botany**  
**2021-22(Semester-III)**

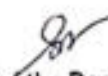
Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)		
Dr. Sunanda Mondal	Semester-3 (Honours)	Core Course -7 Economic Botany Unit 1	Concept of Centres of Origin	PPT & PDF		
			Importance of Centres of Origin with reference to Vavilov's work.	PPT & PDF		
			Crop domestication and loss of genetic diversity	PPT & PDF		
				Unit-2	Wheat (origin, morphology, processing & uses)	PPT & PDF
				Unit-4	Morphology and processing of sugarcane, products and by-products of sugarcane industry.	PPT & PDF
				Unit-5	Listing of important spices, their family and part used.	PPT & PDF
				Unit-6	Beverages Tea & Coffee (morphology, processing & uses)	PPT & PDF
				Unit-8	Para-Rubber	PPT & PDF
				Unit-11	Cotton (morphology, extraction and uses)	PPT & PDF
	Semester-3 (General)	Core Course (CC- 1C) Plant Anatomy and Embryology Unit 5 Structural organization of flower	Structure and types of ovules	PPT & PDF		
			Types of embryo sacs	PPT & PDF		
			Organization of mature embryo sac.	PPT & PDF		
				Ultrastructure of mature embryo sac.	PPT & PDF	
		Core Course (CC- 1C) Plant Anatomy and Embryology Unit 6 Pollination and fertilization	Pollination mechanisms and adaptations	PPT & PDF		
	Double fertilization		PPT & PDF			



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Summary sheet of ICT mode of Learning of Department of Botany  
2021-22 (Semester-V)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	SEMESER-V (Honours) Discipline Specific Elective (DSE 1) Reproductive Biology of Angiosperms	Uni-3	Microsporogenesis	PPT & PDF
			Microgametogenesis	PPT & PDF
			NPC system	PPT & PDF
		Unit 4	Pollination types and significance	PPT & PDF
			Double fertilization.	PPT & PDF
			Unit 5	Methods to overcome self-incompatibility: mixed pollination
		Methods to overcome self-incompatibility: bud pollination		PPT & PDF
		Methods to overcome self-incompatibility: Intra-ovarian and <i>in vitro</i> pollination		PPT & PDF
		Unit6	General pattern of development of dicot embryo	PPT & PDF
			General pattern of development of monocot embryo	PPT & PDF
	General pattern of development of endosperm		PPT & PDF	
	Unit-7	Polyembryony and Apomixes.	PPT & PDF	
	Semeser-V (General)	Unit-1	Origin of Cultivated plants	PPT & PDF
		Unit-2	Wheat (origin, morphology, processing & uses)	
		Unit-4	Listing of important spices, their family and part used.	PPT & PDF
		Unit-5	Beverages Tea & Coffee (morphology, processing & uses)	PPT & PDF



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**Summary sheet of ICT mode of Learning of Department of Botany**  
**2021-22 (Semester-II)**

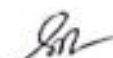
Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-II (Honours)	Core Course IV Morphology & Anatomy of Angiosperms Unit 3	Secondary growth of Plant Cell wall	PPT & PDF
			Pits and plasmodesmata of Cell wall	PPT & PDF
		Unit 4	Apical meristems	PPT & PDF
		Unit 5	Vascular Cambium and Wood	PPT & PDF
		Unit 6	Adaptive and Protective Systems	PPT & PDF
		Unit 7	Leaves and Inflorescence	PPT & PDF
		Unit-8	Types of flower; Aestivation	PPT & PDF
			Placentation - types and evolution.	PPT & PDF
	Floral formula & floral diagram; Adhesion-Cohesion of floral parts		PPT & PDF	
	Semester-II (General)	CC- 1B Plant Ecology and Taxonomy Unit-7	Herbarium and Functions of Herbarium and Botanical Gaeden	PPT & Departmental Herbarium
			Unit 11	



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**Summary sheet of ICT mode of Learning of Department of Botany**  
**2021-22 (Semester-IV)**

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-IV (Honours)	CC-8 Palaeobotany & Palynology	Definition of fossil, process of fossilization	PPT & PDF
			Types of fossils on the basis of their preservation; concept of Form Genus.	PPT & PDF
			Microsporogenesis	PPT & PDF
			Megasporogenesis.	PPT & PDF
			Pollination: Contrivances	PPT & PDF
	Semester-IV (General)	CC- 1D : Plant Physiology and Metabolism	Unit 1: Plant-water relations Transpiration	PPT & PDF
			Unit 7: Nitrogen metabolism	PPT & PDF
			Unit 8: Plant growth regulators	PPT & PDF
			Unit 9: Plant response to light and temperature	PPT & PDF

  
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Gushkara Mahavidyalaya  
Head  
Department of Botany  
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**Summary sheet of ICT mode of Learning of Department of Botany**  
**2021-22 (Semester-VI)**

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-VI (Honours) DSE-3(H)- Plant Evolution and Biodiversity	Unit-1	Earliest forms of plant life: formation of first cell	PPT & PDF
		Unit-2	Evolutionary trends: green algae to land plants	PPT & PDF
			Evolutionary trends: non-vascular to vascular plants	PPT & PDF
			Evolutionary trends: gymnosperm to angiosperms	PPT & PDF
			Evolution of plants using C4 photosynthetic pathway.	PPT & PDF
			Evolution of plants using CAM photosynthetic pathway.	PPT & PDF
		Unit-4	Evolutionary theories	PPT & PDF
			Evolutionary theories: Natural Selection	PPT & PDF
			Evolutionary theories: Group Selection	PPT & PDF
			Evolutionary theories: Neutral theory of molecular evolution.	PPT & PDF
	Unit-5	Plant diversity around the world: aquatic plants	PPT & PDF	
		Plant diversity around the world: wetland plants	PPT & PDF	
		Plant diversity around the world: halophytes	PPT & PDF	
	DSE- 4(H)- Horticultural Practices and Post-Harvest Technology	Unit-1 Introduction	Scope and importance of Horticulture.	PPT & PDF
			Branches of horticulture; Role in rural economy and employment generation.	PPT & PDF
		Unit 2	Ornamental plants	PPT & PDF



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**Summary sheet of ICT mode of Learning of Department of Botany  
2020-21(Semester-I)**

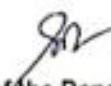
Name of the Faculty	Semester	CourseCode	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-1 (Honours)	CC-1 Microbiology Unit-2 Viruses	General structure of Virus with special reference to TMV, T2-Phage	PPT & PDF
			Viroids and Prions	PPT & PDF
			Lytic cycle of Virus	PPT & PDF
			Lysogenic cycle of Virus	PPT & PDF
		CC-1 Microbiology Unit-3 Bacteria	Cell structure of Bacteria	PPT & PDF
			Bacterial Chromosome & extra-chromosomal genetic elements	PPT & PDF
			Genetic recombination of Bacteria (conjugation, transformation and transduction)	PPT & PDF
			Endospore of Bacteria	PPT & PDF
		CC-1 Phycology Unit-4 Algae	General characteristics; range of thallus organization	PPT & PDF
		Unit 5 Cyanophyta and Xanthophyta	Morphology and life-cycle of <i>Vaucheria</i>	PPT & PDF
		Unit 6	Chlorophyta and Charophyta	PPT & PDF
		Unit 7	Phaeophyta and Rhodophyta	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2020-21(Semester-III)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-3 (Honours)	Core Course -7 Economic Botany Unit 1	Concept of Centres of Origin	PPT & PDF
			Importance of Centres of Origin with reference to Vavilov's work.	PPT & PDF
			Crop domestication and loss of genetic diversity	PPT & PDF
			Importance of germplasm diversity	PPT & PDF
		Unit-2	Wheat (origin, morphology, processing & uses)	PPT & PDF
		Unit-4	Morphology and processing of sugarcane, products and by-products of sugarcane industry.	PPT & PDF
		Unit-5	Listing of important spices, their family and part used.	PPT & PDF
		Unit-6	Beverages Tea & Coffee (morphology, processing & uses)	PPT & PDF
		Unit-8	Para-Rubber	PPT & PDF
	Unit-11	Cotton (morphology, extraction and uses	PPT & PDF	
	Semester-3 (General)	Core Course (CC- 1C) Plant Anatomy and Embryology Unit 5 Structural organization of flower	Structure and types of ovules	PPT & PDF
			Types of embryo sacs	PPT & PDF
			Organization of mature embryo sac.	PPT & PDF
			Ultrastructure of mature embryo sac.	PPT & PDF
		Core Course (CC- 1C) Plant Anatomy and Embryology Unit 6 Pollination and fertilization	Pollination mechanisms and adaptations	PPT & PDF
			Double fertilization	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2020-21 (Semester-V)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	SEMESER-V (Honours) Discipline Specific Elective (DSE I) Reproductive Biology of Angiosperms	Uni-3	Microsporogenesis	PPT & PDF
			Microgametogenesis	PPT & PDF
			NPC system	PPT & PDF
		Unit 4	Pollination types and significance	PPT & PDF
			Double fertilization.	PPT & PDF
		Unit 5	Methods to overcome self-incompatibility: mixed pollination	PPT & PDF
			Methods to overcome self-incompatibility: bud pollination	PPT & PDF
			Methods to overcome self-incompatibility: Intra-ovarian and <i>in vitro</i> pollination	PPT & PDF
		Unit6	General pattern of development of dicot embryo	PPT & PDF
			General pattern of development of monocot embryo	PPT & PDF
	General pattern of development of endosperm		PPT & PDF	
	Unit-7	Polyembryony and Apomixes.	PPT & PDF	
	Semeser-V (General)	Unit-1	Origin of Cultivated plants	PPT & PDF
		Unit-2	Wheat (origin, morphology, processing & uses)	
		Unit-4	Listing of important spices, their family and part used.	PPT & PDF
		Unit-5	Beverages Tea & Coffee (morphology, processing & uses)	PPT & PDF

  
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Summary sheet of ICT mode of Learning of Department of Botany  
2020-21 (Semester-II)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-II (Honours)	Core Course IV Morphology & Anatomy of Angiosperms Unit 3	Secondary growth of Plant Cell wall	PPT & PDF
			Pits and plasmodesmata of Cell wall	PPT & PDF
		Unit 4	Apical meristems	PPT & PDF
		Unit 5	Vascular Cambium and Wood	PPT & PDF
		Unit 6	Adaptive and Protective Systems	PPT & PDF
		Unit 7	Leaves and Inflorescence	PPT & PDF
		Unit-8	Types of flower; Aestivation	PPT & PDF
			Placentation - types and evolution.	PPT & PDF
			Floral formula & floral diagram; Adhesion-Cohesion of floral parts	PPT & PDF
			Microgametogenesis and Megagametogenesis and Sporogenesis and Embryosac.	PPT & PDF
	Semester-II (General)	CC- 1B Plant Ecology and Taxonomy Unit-7	Herbarium and Functions of Herbarium and Botanical Gaeden	PPT & Departmental Herbarium
			Unit 11	

  
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Principal  
Gushkara Mahavidyalaya

  
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Gushkara Mahavidyalaya  
Co-ordinator  
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Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman

  
Head of the Department  
Gushkara Mahavidyalaya  
Head  
Department of Botany  
Gushkara Mahavidyalaya

**Summary sheet of ICT mode of Learning of Department of Botany**  
**2020-21 (Semester-IV)**

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-IV (Honours)	CC-8 Palaeobotany & Palynology	Definition of fossil, process of fossilization	PPT & PDF
			Types of fossils on the basis of their preservation; concept of Form Genus.	PPT & PDF
			Microsporogenesis	PPT & PDF
			Megasporogenesis.	PPT & PDF
			Pollination: Contrivances	PPT & PDF
	Semester-IV (General)	CC- 1D : Plant Physiology and Metabolism	Unit 1: Plant-water relations Transpiration	PPT & PDF
			Unit 7: Nitrogen metabolism	PPT & PDF
			Unit 8: Plant growth regulators	PPT & PDF
			Unit 9: Plant response to light and temperature	PPT & PDF



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Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-VI (Honours) DSE-3(H)- Plant Evolution and Biodiversity	Unit-1	Earliest forms of plant life: formation of first cell	PPT & PDF
		Unit-2	Evolutionary trends: green algae to land plants	PPT & PDF
			Evolutionary trends: non-vascular to vascular plants	PPT & PDF
			Evolutionary trends: gymnosperm to angiosperms	PPT & PDF
			Evolution of plants using C4 photosynthetic pathway.	PPT & PDF
			Evolution of plants using CAM photosynthetic pathway.	PPT & PDF
		Unit-4	Evolutionary theories	PPT & PDF
			Evolutionary theories: Natural Selection	PPT & PDF
			Evolutionary theories: Group Selection	PPT & PDF
			Evolutionary theories: Neutral theory of molecular evolution.	PPT & PDF
	Unit-5	Plant diversity around the world: aquatic plants	PPT & PDF	
		Plant diversity around the world: wetland plants	PPT & PDF	
		Plant diversity around the world: halophytes	PPT & PDF	
	DSE- 4(H)- Horticultural Practices and Post-Harvest Technology	Unit-1 Introduction	Scope and importance of Horticulture.	PPT & PDF
			Branches of horticulture; Role in rural economy and employment generation.	PPT & PDF
		Unit 2	Ornamental plants	PPT & PDF



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Gushkara Mahavidyalaya

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Summary sheet of ICT mode of Learning of Department of Botany

2019-20 (Semester-I)

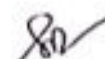
Name of the Faculty	Semester	CourseCode	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-1 (Honours)	CC-1 Microbiology Unit-2 Viruses	General structure of Virus with special reference to TMV, T2-Phage	PPT & PDF
			Viroids and Prions	PPT & PDF
			Lytic cycle of Virus	PPT & PDF
			Lysogenic cycle of Virus	PPT & PDF
		CC-1 Microbiology Unit-3 Bacteria	Cell structure of Bacteria	PPT & PDF
			Bacterial Chromosome & extra-chromosomal genetic elements	PPT & PDF
			Genetic recombination of Bacteria (conjugation, transformation and transduction)	PPT & PDF
	Semester-1 (General)	CC-1 Phycology Unit-4	Endospore of Bacteria	PPT & PDF
			General characteristics; range of thallus organization	PPT & PDF
		Unit 5	Morphology and life-cycle of <i>Vaucheria</i>	PPT & PDF
		Unit 6	Chlorophyta and Charophyta	PPT & PDF
		Unit 7	Phaeophyta and Rhodophyta	PPT & PDF
		CC-1A Biodiversity (Microbes,)	Viruses--Replication (general account)	PPT & PDF
			DNA virus (T-phage)& RNA virus (TMV)	PPT & PDF
Lytic and lysogenic cycle	PPT & PDF			
Bacteria – Discovery, General characteristics and cell structure.	PPT & PDF			
Bacteria--Reproduction	PPT & PDF			
Bacterial recombination: (conjugation, transformation and transduction)	PPT & PDF			



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Summary sheet of ICT mode of Learning of Department of Botany  
2019-20 (Semester-III)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-3 (Honours)	Core Course 6 Plant Systematics Unit 1 Significance of Plant systematics	Important herbaria and botanical gardens of the world and India	PPT & PDF
				PPT & PDF
				PPT & PDF
				PPT & PDF
		Core Course 6 Plant Systematics Unit 4 Systems of classification	Classification systems of Bentham and Hooker [1862-83 (upto series)]	PPT & PDF
			Classification systems of Takhtajan(1997)	PPT & PDF
	Brief idea of APG System.		PPT & PDF	
	Semester-3 (General)	Core Course (CC- 1C) Plant Anatomy and Embryology Unit 5 Structural organization of flower	Structure and types of ovules	PPT & PDF
			Types of embryo sacs	PPT & PDF
			Organization of mature embryo sac.	PPT & PDF
			Ultrastructure of mature embryo sac.	PPT & PDF
		Core Course (CC- 1C) Plant Anatomy and Embryology Unit 6 Pollination and fertilization	Pollination mechanisms and adaptations	PPT & PDF
			Double fertilization	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2019-20(Semester-V)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-V Core Course 11 Plant Physiology	Unit 5	Chemical nature (basic structure) of growth regulators	PPT & PDF
			Bioassay and physiological roles of Auxin	PPT & PDF
			Bioassay and physiological roles of Auxin	PPT & PDF
			Gibberellins	PPT & PDF
			Cytokinin	PPT & PDF
			Abscisic acid	PPT & PDF
			Ethylene	PPT & PDF
			Brassinosteroids(Outline)	PPT & PDF
	Jasmonicacid(Outline).	PPT & PDF		
	Unit 6	Photoperiodism	PPT & PDF	
		Flowering stimulus	PPT & PDF	
		Florigen concept	PPT & PDF	
	Discipline Specific Elective (DSE 1) Reproductive Biology of Angiosperms	Unit 4 Pollination and fertilization	Pollination types and significance	PPT & PDF
			Double fertilization.	PPT & PDF
		Unit 5: Self incompatibility	Methods to overcome self-incompatibility: mixed pollination	PPT & PDF
Methods to overcome self-incompatibility: bud pollination			PPT & PDF	
Methods to overcome self-incompatibility: Intra-ovarian and <i>in vitro</i> pollination			PPT & PDF	



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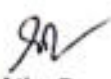
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**Summary sheet of ICT mode of Learning of Department of Botany  
2019-20 (Semester-II)**

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-II (Honours)	Core Course IV Morphology & Anatomy of Angiosperms Unit 3 Tissues	Secondary growth of Plant Cell wall	PPT & PDF
			Pits and plasmodesmata of Cell wall	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 4	Apical meristems	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 5	Vascular Cambium and Wood	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 6	Adaptive and Protective Systems	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 7	Leaves and Inflorescence	PPT & PDF
	Semester-II (General)	CC- 1B Plant Ecology and Taxonomy Unit 11	Classification	PPT & PDF

  
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Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-IV (Honours)	CC-8 Palaeobotany & Palynology	Definition of fossil, process of fossilization	PPT & PDF
			Types of fossils on the basis of their preservation; concept of Form Genus.	PPT & PDF
			Microsporogenesis	PPT & PDF
			Megasporogenesis.	PPT & PDF
			Pollination: Contrivances	PPT & PDF
	Semester-IV (General)	CC- 1D : Plant Physiology and Metabolism	Unit 1: Plant-water relations Transpiration	PPT & PDF
			Unit 7: Nitrogen metabolism	PPT & PDF
			Unit 8: Plant growth regulators	PPT & PDF
			Unit 9: Plant response to light and temperature	PPT & PDF

Summary sheet of ICT mode of Learning of Department of Botany




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Co-ordinator

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2019-20 (Semester-VI)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-VI (Honours) DSE-3(H)- Plant Evolution and Biodiversity	Unit-1	Earliest forms of plant life: formation of first cell	PPT & PDF
		Unit-2	Evolutionary trends: green algae to land plants	PPT & PDF
			Evolutionary trends: non-vascular to vascular plants	PPT & PDF
			Evolutionary trends: gymnosperm to angiosperms	PPT & PDF
			Evolution of plants using C4 photosynthetic pathway.	PPT & PDF
			Evolution of plants using CAM photosynthetic pathway.	PPT & PDF
		Unit-4	Evolutionary theories	PPT & PDF
			Evolutionary theories: Natural Selection	PPT & PDF
			Evolutionary theories: Group Selection	PPT & PDF
	Evolutionary theories: Neutral theory of molecular evolution.		PPT & PDF	
	Unit-5	Plant diversity around the world: aquatic plants	PPT & PDF	
		Plant diversity around the world: wetland plants	PPT & PDF	
		Plant diversity around the world: halophytes	PPT & PDF	
	DSE- 4(H)- Horticultural Practices and Post-Harvest Technology	Unit-1 Introduction	Scope and importance of Horticulture.	PPT & PDF
			Branches of horticulture; Role in rural economy and employment generation.	PPT & PDF
		Unit 2	Ornamental plants	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2018-19 (Semester-1)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecturo etc.)
Dr. Sunanda Mondal	Semester-1 (Honours)	CC-1 Unit-2 Viruses	General structure of Virus with special reference to TMV, T2-Phage	PPT & PDF
			Viroids and Prions	PPT & PDF
			Lytic cycle of Virus	PPT & PDF
		CC-1 Unit 3 Bacteria	Lysogenic cycle of Virus	PPT & PDF
			Cell structure of Bacteria	PPT & PDF
			Bacterial Chromosome & extra-chromosomal genetic elements	PPT & PDF
			Genetic recombination of Bacteria (conjugation, transformation and transduction)	PPT & PDF
	Semester-1 (General)	CC-1A Biodiversity (Microbes,)	Endospore of Bacteria	PPT & PDF
			Viruses--Replication (general account)	PPT & PDF
			DNA virus (T-phage)& RNA virus (TMV)	PPT & PDF
			Lytic and lysogenic cycle	PPT & PDF
			Bacteria – Discovery, General characteristics and cell structure.	PPT & PDF
			Bacteria--Reproduction – vegetative, asexual	PPT & PDF
			Bacterial recombination: (conjugation, transformation and transduction)	PPT & PDF



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**Summary sheet of ICT mode of Learning of Department of Botany**  
**2018-19 (Semester-3)**

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-3 (Honours)	Core Course 6 Plant Systematics Unit 1 Significance of Plant systematics	Important herbaria and botanical gardens of the world and India	PPT & PDF
				PPT & PDF
				PPT & PDF
				PPT & PDF
		Core Course 6 Plant Systematics Unit 4 Systems of classification	Classification systems of Bentham and Hooker [1862-83 (upto series)]	PPT & PDF
			Classification systems of Takhtajan(1997)	PPT & PDF
	Semester-3 (General)	Core Course (CC- 1C) Plant Anatomy and Embryology Unit 5 Structural organization of flower	Structure and types of ovules	PPT & PDF
			Types of embryo sacs	PPT & PDF
			Organization of mature embryo sac.	PPT & PDF
			Ultrastructure of mature embryo sac.	PPT & PDF
Core Course (CC- 1C) Plant Anatomy and Embryology Unit 6 Pollination and fertilization	Pollination mechanisms and adaptations	PPT & PDF		
	Double fertilization	PPT & PDF		



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Summary sheet of ICT mode of Learning of Department of Botany

2018-19

**Part-III (Honours)**

Name of the Faculty	3 <sup>rd</sup> Year	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Paper-VII Microbiology	Unit-1	Bacterial structure and function	PPT & PDF
		Unit 4	Brief idea about genetic recombination in bacteria	PPT & PDF
		Unit 5 Viruses	Structure of TMV	PPT & PDF
			Structure of T2	PPT & PDF
			Lytic Cycle	PPT & PDF
	Paper-VII Palynology and Reproductive Biology	Lecture-1	Microsporogenesis ; Spore/pollen morphology with reference to polarity, size, shape, symmetry	PPT & PDF
		Lecture-2	Microsporogenesis ; Spore/pollen morphology with reference to aperture and sculpture.	PPT & PDF
		Lecture-3	Organization of orthotropous ovule, types of ovules.	PPT & PDF
		Lecture-4	Megasprogenesis	PPT & PDF
		Lecture-5	Pollination: Types and contrivances.	PPT & PDF
		Lecture-6	Development of male and female gametophytes ( <i>Polygonum</i> type)	PPT & PDF
		Lecture-7	Fertilization	PPT & PDF
		Lecture-8	Endosperm: Types, development of free nuclear type.	PPT & PDF
		Lecture-9	Development of typical dicot embryo (Crucifer - type).	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2018-19 (Semester-II)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-II (Honours)	Core Course IV Morphology & Anatomy of Angiosperms Unit 3 Tissues	Secondary growth of Plant Cell wall Pits and plasmodesmata of Cell wall	PPT & PDF PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 4	Apical meristems	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 5	Vascular Cambium and Wood	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 6	Adaptive and Protective Systems	PPT & PDF
		Core Course IV Morphology & Anatomy of Angiosperms Unit 7	Leaves and Inflorescence	PPT & PDF
		Semester-II (General)	CC- III Plant Ecology and Taxonomy Unit II	Classification

  
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Summary sheet of ICT mode of Learning of Department of Botany  
2018-19 (Semester-IV)

Name of the Faculty	Semester	Course Code	Name of the topic	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Sunanda Mondal	Semester-IV (Honours)	CC-8 Palaeobotany & Palynology	Definition of fossil, process of fossilization	PPT & PDF
			Types of fossils on the basis of their preservation; concept of Form Genus.	PPT & PDF
			Microsporogenesis	PPT & PDF
			Megasporogenesis.	PPT & PDF
			Pollination: Contrivances	PPT & PDF
	Semester-IV (General)	CC- 1D : Plant Physiology and Metabolism	Unit 1: Plant-water relations Transpiration	PPT & PDF
			Unit 7: Nitrogen metabolism	PPT & PDF
			Unit 8: Plant growth regulators	PPT & PDF
			Unit 9: Plant response to light and temperature	PPT & PDF



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Summary sheet of ICT mode of Learning of Department of Botany  
2019-20

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ahana Ray	Semester-1	Life cycle of Marchantia. (CC2; Unit-3)	PPT
		Life cycle <i>Anthoceros</i> . (CC2; Unit-3)	PPT
	Semester-2	Leaves- types (CC4; Unit-7)	PPT
		Inflorescence-Types (CC4; Unit-7)	PPT
	Semester-3	Categories and taxonomic hierarchy (CC6; Unit-2)	PPT
		homology and analogy (CC6; Unit-6)	PPT
	Semester-4	Transcription in prokaryotes (CC10; Unit-4)	PPT
		Regulation of lactose metabolism (CC10; Unit-4)	PPT
		Vegetative propagation (SEC-2,Unit -2)	PPT
		Shadeand ornamental trees; Ornamental bulbous and foliage plants Cacti and succulents; Palms and Cycads; Ferns and Selaginellas; (SEC-2,Unit -3)	PPT
	Semester-5	Mechanism of stomatal movement (CC11; Unit-1)	PPT
		uniport, co-transport,symport, antiport. (CC11; Unit-3)	PPT
		microsporogenesis (DSE-1,unit-3)	PPT
		NPC system (DSE-1,unit-3)	PPT
	Semester-6	modes of reproduction in crop plants (CC13; Unit-8)	PPT
		Hybridization: For self, cross and vegetatively propagated plants (CC13; Unit-9)	PPT

  
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Head  
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2020-21

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
	Semester-2	Life cycle of <i>Puccinia</i> (CC3; Unit-4)	PPT
		Life cycle of <i>Phytophthora</i> (CC3; Unit-6)	PPT
	Semester-3	Rice (origin, morphology, processing & uses) (CC7; Unit-2)	PPT
		Potato-morphology, propagation & uses. (CC7; Unit-4)	PPT
	Semester-4	Transcription in prokaryotes (CC10; Unit-4)	PPT
		Regulation of lactose metabolism (CC10; Unit-4)	PPT
		Vegetative propagation (SEC-2,Unit -2)	PPT
	Semester-5	Shadeand ornamental trees; Ornamental bulbous and foliage plants Cacti and succulents; Palms and Cycads; Ferns and Selaginellas; (SEC-2,Unit -3)	PPT
		Z-scheme (CC12; Unit-2)	PPT
		Crassulacean acid metabolism (CC12; Unit-2)	PPT
	Semester-6	Epistasis (CC13; Unit-1)	PPT
		DNA repair mechanisms (CC13; Unit-5)	PPT



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2021-22


Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
	Semester-2	Life cycle of <i>Puccinia</i> (CC3; Unit-4)	PPT
		Life cycle of <i>Phytophthora</i> (CC3; Unit-6)	PPT
	Semester-3	Categories and taxonomic hierarchy (CC6; Unit-2)	PPT
		homology and analogy (CC6; Unit-6)	PPT
		Rice (origin, morphology, processing & uses) (CC7; Unit-2)	PPT
		Potato-morphology, propagation & uses. (CC7; Unit-4)	PPT
	Semester-4	Transcription in prokaryotes (CC10; Unit-4)	PPT
		Regulation of lactose metabolism (CC10; Unit-4)	PPT
		Vegetative propagation (SEC-2,Unit -2)	PPT
	Semester-5	Shadeand ornamental trees; Ornamental bulbous and foliage plants Cacti and succulents; Palms and Cycads; Ferns and Selaginellas; (SEC-2,Unit -3)	PPT
		Z-scheme (CC12; Unit-2)	PPT
	Semester-6	Crassulacean acid metabolism (CC12; Unit-2)	PPT
		Epistasis (CC13; Unit-1)	PPT
		DNA repair mechanisms (CC13; Unit-5)	PPT



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2022-23

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
	Semester-1	Types of leaf (BOT1011; Unit-9)	PPT
		Types of inflorescence (BOT1011; Unit-9)	
	Semester-2	Life cycle of <i>Puccinia</i> (CC3; Unit-4)	
		Life cycle of <i>Phytophthora</i> (CC3; Unit-6)	PPT
	Semester-3	homology and analogy (CC6; Unit-6)	PPT
		Origin and evolution of angiosperms; Phylogenetic tree, Cladogram. (CC6; Unit-6)	PPT
		Cotton (CC7; Unit-11)	PPT
		Jute (CC7; Unit-11)	PPT
	Semester-4	Transcription in prokaryotes (CC10; Unit-4)	PPT
		Regulation of lactose metabolism (CC10; Unit-4)	PPT
		Vegetative propagation (SEC-2, Unit -2)	PPT
	Semester-5	Shade and ornamental trees; Ornamental bulbous and foliage plants Cacti and succulents; Palms and Cycads; Ferns and Selaginellas; (SEC-2, Unit -3)	PPT
		Z-scheme (CC12; Unit-2)	PPT
	Semester-6	Crassulacean acid metabolism (CC12; Unit-2)	PPT
		Epistasis (CC13; Unit-1)	PPT
		DNA repair mechanisms (CC13; Unit-5)	PPT

  
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Gushkara Mahavidyalaya

Principal

Gushkara Mahavidyalaya

  
IQAC

Gushkara Mahavidyalaya

Co-ordinator

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Gushkara Mahavidyalaya



Head of the Department

Gushkara Mahavidyalaya

Head  
Department of Botany  
Gushkara Mahavidyalaya

**Department of Botany**  
**Gushkara Mahavidyalaya**  
Summary sheet of ICT mode of Learning of Department of Botany  
2023-24

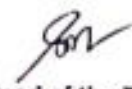
Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 MAJOR- PLANT DIVERSITY AND EVOLUTION (UNDER NEP) (CC-1)	General features of Thallus organization of Fungi (CC-1)	PPT& PDF
		Life cycle with reference to <i>Mucor sp.</i> (CC-1)	PPT& PDF
		Life cycle of <i>Saccharomyces sp</i>	PPT& PDF
		Life cycle of <i>Neurospora sp.</i> & <i>Ascobolus sp.</i> (CC-1)	PPT& PDF
		Life cycle of <i>Agaricus sp.</i> (CC-1)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes(CC-1)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes(CC-1)	PPT&PDF
		Life Cycle of <i>Marchantia sp.</i> (CC-1);	PPT & PDF
		Life cycle of <i>Anthoceros sp.</i> (CC-1)	PPT & PDF
		Life cycle <i>Funaria sp.</i>	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-1)	PPT. &PDF.
		<i>Telome theory.</i> (CC-1)	PPT. & DF.
		Life cycle of <i>Selaginella sp.</i> (CC-1)	PPT & PDF
		Life cycle of <i>Equisetum sp.</i> (CC-1)	PPT & PDF
		Life cycle of <i>Marsilea sp.</i> (CC-1)	PPT & PDF
		Life cycle of <i>Pteris sp.</i> (CC-1)	PPT & PDF
		Reproductive structure of <i>Cycas sp.</i> (CC-1)	PPT & PDF
Reproductive structure of <i>Ginkgo sp.</i> (CC-1)	PPT & PDF		
Reproductive structure of <i>Gnetum sp.</i> (CC-1)	PPT & PDF		



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Gushkara Mahavidyalaya



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Head  
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Summary sheet of ICT mode of Learning of Department of Botany

2023-24

RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12)	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT& PDF
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT& PDF
		CO2 reduction, C4-pathways, Crassulacean acid metabolism (CC-12)	PPT& PDF
		Glycolysis, fate of Pyruvate, TCA cycle. (CC-12)	PPT& PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT& PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT& PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT& PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT& PDF
		Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT& PDF
RANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2)	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2)	PPT& PDF
		Energy Renewable and non-renewable sources of energy. (DSE-2)	PPT& PDF



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Head  
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Summary sheet of ICT mode of Learning of Department of Botany  
2022-23

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 ARCHEGONIATAE (CC-2)	Life Cycle of <i>Marchantia</i> sp. (CC-2);	PPT & PDF
		Life cycle of <i>Anthoceros</i> sp. (CC-2)	PPT & PDF
		Life cycle <i>Funaria</i> sp.	PPT & PDF
		Life cycle of <i>Lycopodium</i> sp. (CC2; Unit-2)	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-2)	PPT. & PDF.
		<i>Telome theory.</i> (CC-2)	PPT. & DF.
		Life cycle of <i>Selaginella</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Equisetum</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Marsilea</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Pteris</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Cycas</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Pinus</i> sp. (CC-2)	PPT & PDF
Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)	Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)	General features of Thallus organization of Fungi (CC-3)	PPT& PDF
		Life cycle with reference to <i>Synchytrium</i> sp. and <i>Rhizopus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Saccharomyces</i> sp& <i>Talaromyces</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Neurospora</i> sp.& <i>Ascobolus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Agaricus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Puccinia</i> sp. (CC-3)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes(CC-3)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes(CC-3)	PPT,PDF
		Disease cycle of Black stem rust of wheat(CC-3)	PPT

  
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Head of the Department  
Gushkara Mahavidyalaya  
Head  
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Gushkara Mahavidyalaya

RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-4 BIOMOLECULES AND CELL BIOLOGY (CC-9)	Structure of Monosaccharides, Disaccharides, Oligosaccharides and Polysaccharides (CC-9)	PPT & PDF
		Structure of lipids; Fatty acids structure and functions(CC-9)	PPT & PDF
		Structure of amino acids; Levels of protein structure-primary, secondary, tertiary and quaternary (CC-9)	PPT
		Structure of nitrogenous bases; Structure of A, B, Z types of DNA; Types of RNA; Structure of tRNA. (CC-9)	PPT & PDF
		Characteristics of prokaryotic and eukaryotic cells; structure and function of Plant cell wall. (CC-9)	PPT& PDF
		fluid mosaic model; Chemical composition of membranes; Membrane transport -Passive, active and facilitated transport.(CC-9)	PPT& PDF
		Structure of Nucleus. Molecular organization of chromatin; nucleolus.	PPT& PDF
		Structural organization of Chloroplast, Mitochondria and Peroxisomes	PPT& PDF
		Cell cycle with mitosis cell division; Regulation of cell cycle-checkpoints, role of protein kinases	PPT& PDF
		Cell cycle with meiosis cell division with its steps (CC-9)	PPT& PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12) &	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT.
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT.
		CO2 reduction, C4-pathways, Crassulacean acid metabolism (CC-12)	PPT& PDF
		Glycolysis, fate of Pyruvate, TCA cycle. (CC-12)	PPT& PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT& PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT& PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT& PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT& PDF
		Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT& PDF

  
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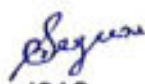
  
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 Gushkara, Purba Bardhaman

  
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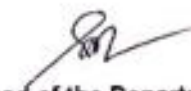
RANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2)	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2)	PPT& PDF
		Energy Renewable and non-renewable sources of energy. (DSE-2)	PPT& PDF
RANJAN PAUL	Semester-6 PLANT BIOTECHNOLOGY (CC-14)	Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion;(CC-14)	PPT.& PDF.
		Restriction Endonucleases (History, Types I-IV, biological role and application); Restriction Mapping (Linear and Circular); (CC-14)	PPT.& PDF.
		Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning; (CC-14)	PPT.& PDF.
		Agrobacterium-mediated, Direct gene transfer by Microinjection, Microprojectile bombardment; (CC-14)	PPT.& PDF.
		Pest resistant (Bt-cotton); herbicide resistant plants (Round Up Ready soybean); Transgenic crops with improved quality traits (Golden rice); (CC-14)	PPT.& PDF.



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Summary sheet of ICT mode of Learning of Department of Botany

2021-22

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 ARCHEGONIATAE (CC-2)	Life Cycle of <i>Marchantia</i> sp. (CC-2);	PPT & PDF
		Life cycle of <i>Anthoceros</i> sp. . (CC-2)	PPT & PDF
		Life cycle <i>Funaria</i> sp.	PPT & PDF
		Life cycle of <i>Lycopodium</i> sp. (CC2; Unit-2)	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-2)	PPT. & PDF.
		<i>Telome theory.</i> (CC-2)	PPT. & DF.
		Life cycle of <i>Selaginella</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Equisetum</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Marsilea</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Pteris</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Cycas</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Pinus</i> sp. (CC-2)	PPT & PDF
Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)		General features of Thallus organization of Fungi (CC-3)	PPT& PDF
		Life cycle with reference to <i>Synchytrium</i> sp. and <i>Rhizopus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Saccharomyces</i> sp& <i>Talaromyces</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Neurospora</i> sp.& <i>Ascobolus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Agaricus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Puccinia</i> sp. (CC-3)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes(CC-3)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes(CC-3)	PPT,PDF
		Disease cycle of Black stem rust of wheat(CC-3)	PPT

  
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Head  
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RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-4 BIOMOLECULES AND CELL BIOLOGY (CC-9)	Structure of Monosaccharides, Disaccharides, Oligosaccharides and Polysaccharides (CC-9)	PPT & PDF
		Structure of lipids; Fatty acids structure and functions(CC-9)	PPT & PDF
		Structure of amino acids; Levels of protein structure-primary, secondary, tertiary and quaternary (CC-9)	PPT
		Structure of nitrogenous bases; Structure of A, B, Z types of DNA; Types of RNA; Structure of tRNA. (CC-9)	PPT & PDF
		Characteristics of prokaryotic and eukaryotic cells; structure and function of Plant cell wall. (CC-9)	PPT& PDF
		fluid mosaic model; Chemical composition of membranes; Membrane transport -Passive, active and facilitated transport.(CC-9)	PPT& PDF
		Structure of Nucleus, Molecular organization of chromatin; nucleolus.	PPT& PDF
		Structural organization of Chloroplast, Mitochondria and Peroxisomes	PPT& PDF
		Cell cycle with mitosis cell division; Regulation of cell cycle-checkpoints, role of protein kinases	PPT& PDF
		Cell cycle with meiosis cell division with its steps (CC-9)	PPT& PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12) &	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT.
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT.
		CO2 reduction, C4-pathways, Crassulacean acid metabolism (CC-12)	PPT& PDF
		Glycolysis, fate of Pyruvate, TCA cycle. (CC-12)	PPT& PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT& PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT& PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT& PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT& PDF
		Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT& PDF



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ANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2)	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2)	PPT& PDF
		Energy Renewable and non-renewable sources of energy. (DSE-2)	PPT& PDF
ANJAN PAUL	Semester-6 PLANT BIOTECHNOLOGY (CC-14)	Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion;(CC-14)	PPT.& PDF.
		Restriction Endonucleases (History, Types I-IV, biological role and application); Restriction Mapping (Linear and Circular); (CC-14)	PPT.& PDF.
		Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning; (CC-14)	PPT.& PDF.
		Agrobacterium-mediated, Direct gene transfer by/Microinjection, Microprojectile bombardment; (CC-14)	PPT.& PDF.
		Pest resistant (Bt-cotton); herbicide resistant plants (Round Up Ready soybean); Transgenic crops with improved quality traits (Golden rice); (CC-14)	PPT.& PDF.

  
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**Summary sheet of ICT mode of Learning of Department of Botany  
2020-21**

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 ARCHEGONIATAE (CC-2)	Life Cycle of <i>Marchantia</i> sp. (CC-2;)	PPT & PDF
		Life cycle of <i>Anthoceros</i> sp. (CC-2)	PPT & PDF
		Life cycle <i>Funaria</i> sp.	PPT & PDF
		Life cycle of <i>Lycopodium</i> sp. (CC2; Unit-2)	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-2)	PPT. &PDF.
		<i>Telome theory.</i> (CC-2)	PPT. & DF.
		Life cycle of <i>Selaginella</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Equisetum</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Marsilea</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Pteris</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Cycas</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Pinus</i> sp. (CC-2)	PPT & PDF
Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)	General features of Thallus organization of Fungi (CC-3)	General features of Thallus organization of Fungi (CC-3)	PPT& PDF
		Life cycle with reference to <i>Synchytrium</i> sp. and <i>Rhizopus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Saccharomyces</i> sp & <i>Talaromyces</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Neurospora</i> sp. & <i>Ascobolus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Agaricus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Puccinia</i> sp. (CC-3)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes (CC-3)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes (CC-3)	PPT,PDF
		Disease cycle of Black stem rust of wheat (CC-3)	PPT



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Department of Botany  
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RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-4 BIOMOLECULES AND CELL BIOLOGY (CC-9)	Structure of Monosaccharides, Disaccharides, Oligosaccharides and Polysaccharides (CC-9)	PPT & PDF
		Structure of lipids; Fatty acids-structure and functions(CC-9)	PPT & PDF
		Structure of amino acids; Levels of protein structure-primary, secondary, tertiary and quaternary (CC-9)	PPT
		Structure of nitrogenous bases; Structure of A, B, Z types of DNA; Types of RNA; Structure of tRNA. (CC-9)	PPT & PDF
		Characteristics of prokaryotic and eukaryotic cells; structure and function of Plant cell wall. (CC-9)	PPT & PDF
		fluid mosaic model; Chemical composition of membranes; Membrane transport -Passive, active and facilitated transport.(CC-9)	PPT & PDF
		Structure of Nucleus, Molecular organization of chromatin; nucleolus.	PPT & PDF
		Structural organization of Chloroplast, Mitochondria and Peroxisomes	PPT & PDF
		Cell cycle with mitosis cell division; Regulation of cell cycle-checkpoints, role of protein kinases	PPT & PDF
		Cell cycle with meiosis cell division with its steps (CC-9)	PPT & PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12) &	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT.
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT.
		CO <sub>2</sub> reduction, C <sub>4</sub> -pathways, Crassulacean acid metabolism (CC-12)	PPT & PDF
		Glycolysis; fate of Pyruvate, TCA cycle. (CC-12)	PPT & PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT & PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT & PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT & PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT & PDF
Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT & PDF		



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RANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2	PPT& PDF
		Energy:Renewable and non-renewable sources of energy. (DSE-2	PPT& PDF
RANJAN PAUL	Semester-6 PLANT BIOTECHNOLOGY (CC-14)	Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion;(CC-14)	PPT.& PDF.
		Restriction Endonucleases-(History, Types I-IV, biological rôle and application); Restriction Mapping (Linear and Circular); (CC-14)	PPT.& PDF.
		Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning; (CC-14)	PPT.& PDF.
		Agrobacterium-mediated, Direct gene transfer by Microinjection, Microprojectile bombardment; (CC-14)	PPT.& PDF.
		Pest resistant (Bt-cotton); herbicide resistant plants (Round Up Ready soybean); Transgenic crops with improved quality traits (Golden rice); (CC-14)	PPT.& PDF.



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Head  
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**Department of Botany**  
**Gushkara Mahavidyalaya**

Summary sheet of ICT mode of Learning of Department of Botany

2019-20

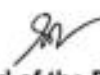
Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 ARCHGONIATAE (CC-2)	Life Cycle of <i>Marchantia</i> sp. (CC-2);	PPT & PDF
		Life cycle of <i>Anthoceros</i> sp. (CC-2)	PPT & PDF
		Life cycle <i>Funaria</i> sp.	PPT & PDF
		Life cycle of <i>Lycopodium</i> sp. (CC2; Unit-2)	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-2)	PPT. & PDF.
		<i>Telome theory.</i> (CC-2)	PPT. & DF.
		Life cycle of <i>Selaginella</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Equisetum</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Marsilea</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Pteris</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Cycas</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Pinus</i> sp. (CC-2)	PPT & PDF
Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)		General features of Thallus organization of Fungi (CC-3)	PPT& PDF
		Life cycle with reference to <i>Synchytrium</i> sp. and <i>Rhizopus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Saccharomyces</i> sp & <i>Talaromyces</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Neurospora</i> sp. & <i>Ascobolus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Agaricus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Puccinia</i> sp. (CC-3)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes (CC-3)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes (CC-3)	PPT,PDF
		Disease cycle of Black stem rust of wheat (CC-3)	PPT



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Head  
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Gushkara Mahavidyalaya

RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-4 BIOMOLECULES AND CELL BIOLOGY (CC-9)	Structure of Monosaccharides, Disaccharides, Oligosaccharides and Polysaccharides (CC-9)	PPT & PDF
		Structure of lipids; Fatty acids structure and functions(CC-9)	PPT & PDF
		Structure of amino acids; Levels of protein structure-primary, secondary, tertiary and quaternary (CC-9)	PPT
		Structure of nitrogenous bases; Structure of A, B, Z types of DNA; Types of RNA; Structure of tRNA. (CC-9)	PPT & PDF
		Characteristics of prokaryotic and eukaryotic cells; structure and function of Plant cell wall. (CC-9)	PPT & PDF
		fluid mosaic model; Chemical composition of membranes; Membrane transport -Passive, active and facilitated transport.(CC-9)	PPT & PDF
		Structure of Nucleus, Molecular organization of chromatin; nucleolus.	PPT & PDF
		Structural organization of Chloroplast, Mitochondria and Peroxisomes	PPT & PDF
		Cell cycle with mitosis cell division; Regulation of cell cycle-checkpoints, role of protein kinases	PPT & PDF
		Cell cycle with meiosis cell division with its steps (CC-9)	PPT & PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12) &	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT.
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT.
		CO <sub>2</sub> reduction, C <sub>4</sub> -pathways, Crassulacean acid metabolism (CC-12)	PPT & PDF
		Glycolysis; fate of Pyruvate, TCA cycle. (CC-12)	PPT & PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT & PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT & PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT & PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT & PDF
Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT & PDF		

  
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Department of Botany  
Gushkara Mahavidyalaya

RANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2	PPT& PDF
		Energy Renewable and non-renewable sources of energy. (DSE-2	PPT& PDF
RANJAN PAUL	Semester-6 PLANT BIOTECHNOLOGY (CC-14)	Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion;(CC-14)	PPT.& PDF.
		Restriction Endonucleases (History, Types I-IV, biological role and application); Restriction Mapping (Linear and Circular); (CC-14)	PPT.& PDF.
		Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning; (CC-14)	PPT.& PDF.
		Agrobacterium-mediated, Direct gene transfer by Microinjection, Microprojectile bombardment; (CC-14)	PPT.& PDF.
		Pest resistant (Bt-cotton); herbicide resistant plants (Round Up Ready soybean); Transgenic crops with improved quality traits (Golden rice); (CC-14)	PPT.& PDF.



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Department of Botany  
Gushkara Mahavidyalaya



**Department of Botany**  
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Summary sheet of ICT mode of Learning of Department of Botany

2018-19

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Ranjan Paul	Semester-1 ARCHEGONIATAE (CC-2)	Life Cycle of <i>Marchantia</i> sp. (CC-2;)	PPT & PDF
		Life cycle of <i>Anthoceros</i> sp. (CC-2)	PPT & PDF
		Life cycle <i>Funaria</i> sp.	PPT & PDF
		Life cycle of <i>Lycopodium</i> sp. (CC2; Unit-2)	PPT & PDF
		<i>Stellar types and evolution in Pteridophyta</i> (CC-2)	PPT. &PDF.
		<i>Telome theory.</i> (CC-2)	PPT. & DF.
		Life cycle of <i>Selaginella</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Equisetum</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Marsilea</i> sp. (CC-2)	PPT & PDF
		Life cycle of <i>Pteris</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Cycas</i> sp. (CC-2)	PPT & PDF
		Reproductive structure of <i>Pinus</i> sp. (CC-2)	PPT & PDF
Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)	Semester-2 MYCOLOGY AND PHYTOPATHOLOG Y (CC-3)	General features of Thallus organization of Fungi (CC-3)	PPT& PDF
		Life cycle with reference to <i>Synchytrium</i> sp. and <i>Rhizopus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Saccharomyces</i> sp & <i>Talaromyces</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Neurospora</i> sp. & <i>Ascobolus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Agaricus</i> sp. (CC-3)	PPT& PDF
		Life cycle of <i>Puccinia</i> sp. (CC-3)	PPT& PDF
		sexual reproduction and development of ascus and ascospores, types of ascocarp in Ascomycetes (CC-3)	PPT& PDF
		Development of basidia and basidiospores and basidiocarp in Basidiomycetes (CC-3)	PPT,PDF
		Disease cycle of Black stem rust of wheat (CC-3)	PPT



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Co-ordinator  
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Gushkara Mahavidyalaya  
Gushkara, Part 1



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Gushkara Mahavidyalaya  
Head  
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Gushkara Mahavidyalaya

RANJAN PAUL	Semester-3 PLANT ECOLOGY & PHYTOGEOGRAPHY (CC-5)	Origin; Formation; Composition of soil (CC-5)	PPT & PDF
		Dynamics: succession -processes, types of plant communities (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Carbon(CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Nitrogen (CC-5)	PPT & PDF
		Ecological Biogeochemical cycles; Cycling of Phosphorus. (CC-5)	PPT & PDF
		Continental drift, Phytogeographical division of India [Phytogeographical classification of India (D. Chatterjee- 1962)] (CC-5)	PPT & PDF
RANJAN PAUL	Semester-4 BIOMOLECULES AND CELL BIOLOGY (CC-9)	Structure of Monosaccharides, Disaccharides, Oligosaccharides and Polysaccharides (CC-9)	PPT & PDF
		Structure of lipids; Fatty acids structure and functions(CC-9)	PPT & PDF
		Structure of amino acids; Levels of protein structure-primary, secondary, tertiary and quaternary (CC-9)	PPT
		Structure of nitrogenous bases; Structure of A, B, Z types of DNA; Types of RNA; Structure of tRNA. (CC-9)	PPT & PDF
		Characteristics of-prokaryotic and eukaryotic cells; structure and function of Plant cell wall. (CC-9)	PPT & PDF
		fluid mosaic model; Chemical composition of membranes; Membrane transport -Passive, active and facilitated transport.(CC-9)	PPT & PDF
		Structure of Nucleus, Molecular organization of chromatin; nucleolus.	PPT & PDF
		Structural organization of Chloroplast, Mitochondria and Peroxisomes	PPT & PDF
		Cell cycle with mitosis cell division; Regulation of cell cycle-checkpoints, role of protein kinases	PPT & PDF
		Cell cycle with meiosis cell division with its steps.(CC-9)	PPT & PDF
RANJAN PAUL	Semester-5 PLANT METABOLISM (CC12) &	photosynthetic pigments- chlorophylls and accessory pigments, antenna molecules and reaction centres, photochemical reactions	PPT & PDF
		Photosynthetic electron transport, PSI, PSII, Q cycle(CC-12)	PPT & PDF
		CO <sub>2</sub> reduction, C <sub>4</sub> -pathways, Crassulacean acid metabolism (CC-12)	PPT & PDF
		Glycolysis; fate of Pyruvate, TCA cycle. (CC-12)	PPT & PDF
		Oxidative pentose phosphate pathway, (CC-12)	PPT & PDF
		Mitochondrial electron transport, Oxidative phosphorylation, (CC-12)	PPT & PDF
		Mechanism of ATP synthesis, ATP synthase, Boyers conformational model, Racker's experiment, (CC-12)	PPT & PDF
		Breakdown of Fatty acids ,triglycerides ,Beta-oxidation, Glyoxylate cycle, (CC-12)	PPT & PDF
		Biological, Physiological and biochemical nitrogen fixation (CC-12)	PPT & PDF



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RANJAN PAUL	NATURAL RESOURCE MANAGEMENT (DSE-2)	Fresh water: types its Threats and management strategies. Wetlands; Threats and management strategies.(DSE-2)	PPT& PDF
		Biodiversity-definition and types; Significance; Threats; Management strategies.(DSE-2)	PPT& PDF
		Major and minor forest products; Depletion; Management. (DSE-2)	PPT& PDF
		Energy.Renewable and non-renewable sources of energy. (DSE-2)	PPT& PDF
RANJAN PAUL	Semester-6 PLANT BIOTECHNOLOGY (CC-14)	Organogenesis; Embryogenesis (somatic and zygotic); Protoplast isolation, culture and fusion;(CC-14)	PPT.& PDF.
		Restriction Endonucleases-(History, Types I-IV, biological role and application); Restriction Mapping (Linear and Circular); (CC-14)	PPT.& PDF.
		Recombinant DNA, Bacterial Transformation and selection of recombinant clones, PCR mediated gene cloning; (CC-14)	PPT.& PDF.
		Agrobacterium-mediated; Direct gene transfer by Microinjection, Microprojectile bombardment; (CC-14)	PPT.& PDF.
		Pest resistant (Bt-cotton); herbicide resistant plants (Round Up Ready soybean); Transgenic crops with improved quality traits (Golden rice); (CC-14)	PPT.& PDF.



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Co-ordinator  
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Gushkara, Purba Bardhaman



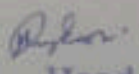
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Head  
Department of Botany  
Gushkara Mahavidyalaya

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**DEPARTMENT OF BENGALI**

**UG - 2018-19**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিন্দ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। আশুত্ববিলাস ছায়াছবি	CC-5	CD

	SEM – IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	Third Year	১। ঋণির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র		PPT & PDF
		২। বিভিন্ন ধরনের ভাবের উদাহরণসহ আলোচনা		PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র		PPT & PDF
		৪। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র		PPT
		৫। ওথেলো ছায়াছবি		CD
		৬। ম্যাকবেথ ছায়াছবি		CD
		৭। হ্যামলেট ছায়াছবি		CD
		৮। রোমিও জুলিয়েট ছায়াছবি		CD
		৯। কিংলীর ছায়াছবি		CD
		১০। মার্চেন্ট অব ভেনিস		CD

  
 Head  
 Department of Bengali  
 Dhaka Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। ত্রাণ্ডিবিলাস ছায়াছবি	CC-5	CD

	SEM - IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM - V	১। ঝনির উদাহরণসহ শ্রেণীবিভাজনের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরণের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM - VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। গুথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলিয়ার ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

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স্বাক্ষরিত  
 ডায়েরী নং: ১০০/১৩৩৩/১৩  
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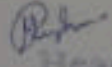
**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2020-21**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। স্রীকৃষ্ণবিলাস ছায়াছবি	CC-5	CD



	SEM – IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM – V	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরণের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM – VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2021-22**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য দ্বারা রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাবের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিন্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। ভ্রান্তিবিলাস ছায়াছবি	CC-5	CD

	SEM - IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM - V	১। ঋণির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরনের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM - VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিলীয়র ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD


  
 Head  
 Department of Bengali  
 Gushkara Mahavidyalaya

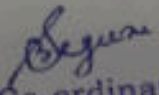
**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। স্তম্ভবিলাস ছায়াছবি	CC-5	CD

	SEM - IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM - V	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরনের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM - VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

  
 Principal  
 Gushkara Mahavidyalaya

  
 Co-ordinator  
 IQAC  
 Gushkara Mahavidyalaya  
 Gushkara, Purba Bardhaman

  
 Head  
 Department of Bengali  
 Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিভূষণের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহে পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মমঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2021-22**


Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিকাঞ্চনের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহ পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মমঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

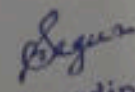
*Rishi*  
Head  
Department of Bengali  
Gushkara Mahavidyalaya

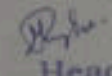
**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিভূষণের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহ পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

  
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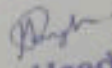
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Summary Sheet of ICT mode of Lecturer of UG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Yadabesh Acharya	2018-19 Sem-III	১. কথাসাহিত্যের পরিচয় ও গোড়ার কথা (CC-5) ২. ঔপন্যাসিক রবীন্দ্রনাথ (CC-5)	
	2018-19 Sem-IV	১. গনদেবতা উপন্যাসের কাহিনিবিন্যাস(C-9) ২. ঔপন্যাসিক তারাশঙ্কর ও গনদেবতা (CC-9)	
	2019-20 Sem-V	১. উপন্যাসের উদ্ভব ও বিকাশ(DSE-2) ২. বঙ্কিম যুগের উপন্যাসের বিষয় ও আঙ্গিক ভাবনা (DSE-2)	
	2019-20 Sem-VI	১. সাহিত্যের সংরূপ সংক্রান্ত সাধারণ ধারণা(CC-14) ২. বাংলা কবিতার শ্রেণিবিন্যাস (CC-14)	
	2020-21 Sem-III	১. কথাসাহিত্যের পরিচয় ও গোড়ার কথা (CC-5) ২. ঔপন্যাসিক রবীন্দ্রনাথ (CC-5)	
	2020-21 Sem-IV	১. গনদেবতা উপন্যাসের কাহিনিবিন্যাস(C-9) ২. ঔপন্যাসিক তারাশঙ্কর ও গনদেবতা (CC-9)	
	2021-22 Sem-V	১. উপন্যাসের উদ্ভব ও বিকাশ(DSE-2) ২. বঙ্কিম যুগের উপন্যাসের বিষয় ও আঙ্গিক ভাবনা (DSE-2)	
	2021-22 Sem-VI	১. সাহিত্যের সংরূপ সংক্রান্ত সাধারণ ধারণা(CC-14) ২. বাংলা কবিতার শ্রেণিবিন্যাস (CC-14)	
	2022-23	১. ছোটগল্পের উদ্ভব-বিকাশ-	

	Sem-III	বৈশিষ্ট্য(CC-5) ২. কথাসাহিত্যিক মানিক বন্দ্যোপাধ্যায় (CC-5)	
	2022-23 Sem-V	১. ঔপন্যাসিক স্বর্ণকুমারী দেবী(DSE-2) ২. উনিশ শতকের ছোটগল্পের বিষয় ও আঙুলিকগত ধারণা (DSE-2)	

  
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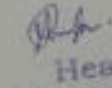
**Summary Sheet of ICT mode of Lecturer of PG**

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Yadabesh Acharya	2018-19 Sem-I	১. অ্যারিস্টটলের পোয়েটিকস ও অনুকরণতত্ত্ব(১০৫/১) ২. টরাজেডির ধারণা (১০৫/১)	
	2018-19 Sem-II	১. অলঙ্কারতত্ত্বের সাধারণ ধারণা(২০৫/১) ২. ধ্বনিবাদের ধারণা (২০৫/১)	
	2019-20 Sem-III	১. নাট্যকার মুনীর চৌধুরী ও কবর(৩০১/২) ২. কবর নাটকের নামকরণ প্রসঙ্গ (৩০১/২)	
	2019-20 Sem-IV	১. বাংলা ছন্দতত্ত্বের ধারণা(৪০২/২) ২. অক্ষরবহুত ছন্দ ও তার বিভিন্ন রূপ (৪০২/২)	
	2020-21 Sem-I	১. উপন্যাস-ছোটগল্পের আঙুলিকগত ধারণা (১০৫/১) ২. উপন্যাসে সময়বিন্যাস(১০৫/১)	
	2020-21	১. রসতত্ত্বের ধারণা(২০৫/১)	

	Sem-II	২. যাদুবাস্তবতা (২০৫/১)	
	2021-22 Sem-III	১. তিনের তলোয়ার নাটকের কাহিনি বিন্যাস (৩০২/২) ২. বেনীমাধব চরিত্র (৩০২/২)	
	2021-22 Sem-IV	১. গবেষণার নিরূপণ নিরূপণ (৪০২/২) ২. গবেষণা সন্দর্ভের গ্রন্থপঞ্জি নিরূপণ (৪০২/২)	
	2022-23 Sem-I	১. ট্রাজেডির ধারণা (১০৫/১) ২. উপন্যাসে সময়বিন্যাস(১০৫/১)	
	2022-23 Sem-II	১. অলঙ্কারতত্ত্বের সাধারণ ধারণা(২০৫/১) ২. রসতত্ত্বের ধারণা(২০৫/১)	

  
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Summary Sheet of ICT mode of Lecturer of UG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Kohinoor Begum	2018-19 Sem-I	১. রামেশ্বর ভট্টাচার্যের শিবায়ন (CC-1) ২. কবি ভারতচন্দ্র - অনন্দামঙ্গল(CC-1)	
	2018-19 Sem-II	১. পূর্বরাগ পরমায় - চণ্ডীদাস (CC-2) ২. বিরহের হাহাকার - মাথুর(CC-2)	
	2019-20 Sem-III	১. কবিতার নবজন্ম -ঈশ্বরগুপ্ত(CC-5) ২. মহাকাব্য - মাইকেল মধুসূদন দত্ত(CC-5)	
	2019-20 Sem-IV	১. ভদ্রেতর চরিত্র - নীলদর্পন (CC-10) ২. বাংলার সমাজচিত্র - নীলদর্পন(CC-10)	
	2020-21 Sem-V	১. আখ্যানকাব্য - রঙলাল বন্দ্যোপাধ্যায়(DSE-1) ২. গীতিকবিতা -বিহারীলাল চক্রবর্তী(DSE-1)	
	2020-21 Sem-VI	১. মহাকবি কালিদাস(CC-13) ২. নাট্যকার শূদ্রক (CC-13)	
	2021-22 Sem-I	১. রামেশ্বর ভট্টাচার্যের শিবায়ন (CC-1) ২. কবি ভারতচন্দ্র - অনন্দামঙ্গল(CC-1)	
	2021-22 Sem-II	১. পূর্বরাগ পরমায় - চণ্ডীদাস (CC-2) ২. বিরহের হাহাকার - মাথুর(CC-2)	
	2021-22 Sem-III	১. কবিতার নবজন্ম -ঈশ্বরগুপ্ত(CC-5) ২. মহাকাব্য - মাইকেল মধুসূদন	

		দত্ত(CC-5)	
	2022-23 Sem-IV	১. আখ্যানকাব্য – রত্নগলাল বন্দ্যোপাধ্যায় ২. গীতিকবিতা –বিহারীলাল চক্রবর্তী	
	2022-23 Sem-V	১. মহাকবি কালািদাস ২. নাট্যকার শূদ্রক	

  
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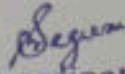
**Summary Sheet of ICT mode of Lecturer of PG**

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Kohinoor Begum	2018-19 Sem-I	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মণ্ডলকাব্য – মনসামণ্ডল (১০১/১)	
	2018-19 Sem-II	১.ষোড়শ শতক – চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র – অনন্দামণ্ডল (২০১/১)	
	2019-20 Sem-III	১.বাংলার সামাজিক সাংস্কৃতিক ইতিহাস – চর্যাপদ (৩০৩/১) ২. চাঁদসদাগর বনাম মনসা (৩০৪/২)	
	2019-20 Sem-IV	১. রোমান্টিক নায়িকা – চন্দ্রানী (৪০৩/২) ২. অষ্টাদশ শতকের সমাজ – মহারাম্ভট্টপুরান (৪০৪/১)	
	2020-21 Sem-1	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মণ্ডলকাব্য – মনসামণ্ডল (১০১/১)	
	2020-21 Sem-II	১.ষোড়শ শতক – চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র – অনন্দামণ্ডল	

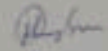
		(২০১/১)	
2021-22 Sem-III	১.বাংলার সামাজিক সাংস্কৃতিক ইতিহাস - চর্যাপদ (৩০৩/১) ২. চাঁদসদাগর বনাম মনসা (৩০৪/২)		
2021-22 Sem-IV	১. রোমান্টিক নাটিকা - চন্দ্রানী (৪০৩/২) ২. অষ্টাদশ শতকের সমাজ - মহারাষ্ট্রপুরান (৪০৪/১)		
2022-23 Sem-I	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মণ্ডলকাব্য - মনসামণ্ডল (১০১/১)		
2022-23 Sem-II	১.ষোড়শ শতক - চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র - অনন্দামণ্ডল (২০১/১)		



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DEPARTMENT OF BENGALI (U.G & P.G)

SESSION-2022-2023

CLASS-P.G

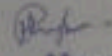
Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUT13JhYmluZlJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUT13JhYmluZlJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শব্দ মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

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2022-2023

**GUSHKARA MAHAVIDYALAYA**  
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SESSION-2020-2021  
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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১। মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। 'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২। 'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ-HJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ-HJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩। নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা- শম্ভু মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালাঙ্কুরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

  
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# GUSHKARA MAHAVIDYALAYA

DEPARTMENT OF BENGALI (U.G & P.G)

SESSION-2021-2022

CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১। মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। 'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২। 'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygLUtI3JhYmluZHUJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygLUtI3JhYmluZHUJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩। নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শব্দ মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালাঙ্কুরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

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**GUSHKARA MAHAVIDYALAYA**  
DEPARTMENT OF BENGALI (U.G & P.G)  
SESSION-2020-2021  
CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ.HJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ.HJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শব্দ মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালাত্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

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**GUSHKARA MAHAVIDYALAYA**  
DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2019-2020  
CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১। বৈষ্ণব পদাবলীর যুগ বিভাগ ও রস পর্যায়ের শ্রেণী বিভাগ- বৃক্ষচিত্র ও রেখা চিত্র	CC-1 (History of Bengali Literature Old & Medieval era)	PPT
		২। মঙ্গলকাব্য গুলির পরিচয় রচনাকাল অনুযায়ী- রেখাচিত্র	CC-1 (History of Bengali Literature Old & Medieval era)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। শাক্ত পদাবলী'র ভক্তের আকৃতি পর্যায়ের পদগুলির Audio শ্রবণ	CC-3 (Boishnav Padaboli O Shakto-Podaboli)	Audio Link
MR. KRISHNA PADA PAL	SEM -III	১। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা নাটকের শ্রেণীবিভাগ	CC-5 (History of Bengali Literature-1801 to 1950)	PPT
		২। বাঙ্গালীকি প্রতিভা নাটক শ্রবণ ও দর্শন	CC-5 (History of Bengali Literature-1801 to 1950)	Youtube Audio-Video link-
MR. KRISHNA PADA PAL	SEM -IV	১। শারদোৎসব নাটকে গানের ভূমিকাঃ দৃশ্য ও চরিত্র অনুযায়ী- রেখাচিত্রের মাধ্যমে	CC-10 (Dramma)	PPT
		২। শারদোৎসব নাটক শ্রবণ ও দর্শন	CC-10 (Dramma)	Youtube Audio-Video link
MR. KRISHNA PADA PAL	SEM -V	১। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা নাটকের শ্রেণীবিভাগ	DSE-2 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা উপন্যাসের শ্রেণীবিভাগ	DSE-1A (History of Bengali Literature 19 <sup>th</sup> Century)	Youtube Audio-Video link

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**DEPARTMENT OF BENGALI**

**PG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১। মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। 'চিহ্না' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২। 'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axY10GQ&amp;pp=ygUT13JhYmluZ.HJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axY10GQ&amp;pp=ygUT13JhYmluZ.HJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩। নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শমু মিত্র, প্রযোজনা-বহুপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZp">https://www.youtube.com/watch?v=vb7Y7LoGZp</a>
MR. KRISHNA PADA PAL	SEM -IV	১। আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালাত্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

Co-ordinator

IOAC

Gushkara Mahavidyalaya  
Gushkara, Puzo Baranagar

Head

Department of Bengali  
Gushkara Mahavidyalaya


Principal

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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2021-22**

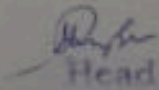
Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM - I	১। উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM - II	১। রবীন্দ্র-গল্পভঙ্গের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২। 'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩। আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM - III	১। বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM - IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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**PG - 2020-21**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১। উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২। 'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩। আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১। বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১। উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২। 'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩। আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১। বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

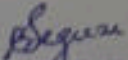
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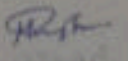
**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১। উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২। বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২। 'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩। আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics, Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১। বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার - আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরসঙ্গীত কাব্যের পরসংখ্যার বিন্যাস ও পর পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের স্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিস- যত্ন শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Rit)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Rit)	PPT

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SESSION-2020-2021

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DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

  
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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরসঙ্গীত কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ মডুজ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT


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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

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DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরশাসনা কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ত্রয়োজেডিঃ ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT

  
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DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2022-2023  
CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT



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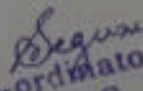
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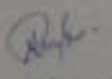
SESSION-2022-2023

CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরঙ্গনা কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ- ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT

  
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IOAC  
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Gushkara, P.O. Gushkara

  
Head  
Department of Bengali  
Gushkara Mahavidyalaya



Department Of Bengali

Summary Sheet Of ICT Mode Of Lecture Of Dept Of Bengali

Name of the faculty - BISWANATH DAWN

Session Name of the Topi with course code Mode of Teaching Under ICT method PPT & Pdf

UG  
2018 - 2019  
Sem-1 GE1 ১) ব্যক্তিগত প্রবন্ধ বিভাগ

২) ব্যক্তিগত প্রবন্ধ মনুস্ক্রিপ্ট

Sem-2 GE-2 ১) শরৎকান্ত চট্টোপাধ্যায়ের পদ্ম অক্ষয়ী রূপ

2) প্রজ্ঞাত মুখোপাধ্যায়ের তিথ্যরী মাহেশ

2019 - 2020  
Sem-2 CC-1B ১) শরৎকান্তের পদ্ম মাহেশ

Sem 2 L 2 ১. অরাজকর মন্দোপাধ্যায়ের পদ্ম অরিনী মাঝি

২. প্রজ্ঞাতকুমার মুখোপাধ্যায়ের পদ্ম-অরিনী

2020 - 2021  
Sem-3 CCTc ১. বাংলা সাহিত্যে চর্চাপদ

২. বাংলা শব্দের অনেক বিন্যাসের

Sem-3 CC7 (Honors) ১. পীঠকবিতা হিসাবে মরদামাশল  
2021 - 2022

Sem-4 L22 ১. ন. অরিনীর কবিতা আমার কৈশিক

২. নিবেশ দাশের কবিতা- কপে

Sem-4 SEC-2 ১. প্রতিবেদন রচনা  
2022 - 2023

Sem-5 DSE 1A - ১. ঊনৈতিক ব্যক্তিগত

Sem-6 DSE 1B ১. নাসিকার মনুস্ক্রিপ্ট

২. নাসিকার মীনবন্ধু মিত্র

PG  
2019 - 2020  
SEM-1 102/1 প্রাচীন ও মধ্যযুগের বাংলা কবিতা - চর্চাচর্চাবিনীতির

১. বাংলা সাহিত্যে চর্চাপদের গুরুত্ব

2020-2021

SEM-2 204/1 নাটক

১. দীনবন্ধু মিশ্রের -সখবার একাদশী

204/2 উপন্যাস

১. অরুণাচল বন্দোপাধ্যায়ের ধাত্রীদেবতা উপন্যাসে আঞ্চলিকতা

2021-2022

SEM-3 প্রাচীন ও মধ্যযুগের বাংলা সাহিত্য ও সংস্কৃতি

শ্রীরাম পাঁচালী

১. কৃত্তিবাসী রামায়ণের বাঙালীয়ানা

304/2 মধ্যযুগের বাংলা সাহিত্য

১. জীবনী সাহিত্যের ধারায় জ্ঞানেন্দ্রের চৈতন্যমঙ্গল

2022-2023

SEM-4 403/1 বৈষ্ণব পদাবলী

১. বৈষ্ণব পদাবলী ও কবি চন্দ্রীদাস

2/পদকর্তা বিন্দ্যপতি



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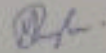


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Department of Bengali  
ABDUL HANNAN KHAN.

UG Sem :- 1 . Paper :- CC - 2 (2018-2019)

- ১) ছাত্রের মাজা এবং উপকরণ
- ২) হরদ্বয় ছাত্রের বৈশিষ্ট্য

Sem :- 2 . Paper :- CC :- 3 (2019-2020)

- ১) শতাব্দীবর্ষের সামাজিক প্রেক্ষাপট
- ২) শতাব্দীবর্ষের কবি পরিচয়

Sem :- 3 . Paper :- CC :- 6 (2020-2021)

- ১) বাংলা উপজাতির প্রাণি বিকাশ
- ২) মৌলিক হরদ্বয়ের প্রাণি বিন্যাস

Sem :- 4 . Paper :- GE :- 4 (2021-2022)

- ১) বাংলা উপজাতির প্রাণি বিন্যাস
- ২) বাংলা শব্দভাণ্ডার

Sem :- 5 . CC :- 12 (2022-2023)

- ১) বাংলা ভাষার প্রাণি বিকাশ
- ২) পরিবারিক নদী সঙ্কলন

Sem :- 6 . DSE :- 4 (2022-2023)

- ১) প্রবন্ধের প্রাণি বিন্যাস
- ২) গোকমলকৃতির বৈশিষ্ট্য

PG :- Sem :- 1 . Paper :- 101/2 (2019-2020)

- ১) মৌলিক হরদ্বয়
- ২) মূল পরিবর্তন

Sem :- 2 . Paper :- 201/2 (2020-2021)

- ১) যাকের প্রাণি বিকাশ
- ২) মতবর্তন সঙ্কলন

Sem :- 3 . Paper :- 304/1 (2021-2022)

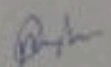
- ১) বাংলা শূন্যের প্রাণি বিকাশ
- ২) শূন্য সংকলন

Sem :- 4 . Paper :- 404/1 (2022-2023)

- ১) পাঁচালী গানের বৈশিষ্ট্য
- ২) কীর্তন সামাজিক প্রেক্ষাপট

  
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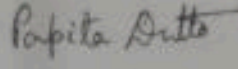
Gushkara Mahavidyalaya  
Department of Economics  
Summary Sheet of ICT mode of Learning  
Economics Honours  
Session 2018-19

Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (18-19)	Sem-I H	Dr. Papita Dutta	Introductory Microeconomics (CC-1)	i) Price effect, income effect and substitution effect ii) Isoquant and properties of Iso-quant	PPT & PDF
	Sem-I H	Moneswar Sarkar	Statistics-I CC2	i) Concept of Mean ii) Concept of Lorenz Curve	PPT & PDF
	Sem-III H	Dr. Papita Dutta	Intermediate Microeconomics (CC5)	i) Equilibrium under monopoly ii) Price rigidity under Oligopoly	PPT & PDF
	Sem-III H	Moneswar Sarkar	Intermediate Microeconomics (CC5)	i) Concept of Monopolistic Competition ii) Pareto Optimality	PPT & PDF
	Sem-III H	Moneswar Sarkar	Intermediate Macroeconomics CC6	i) Concept of Marginal efficiency of Capital (MEC) ii) Concept of Inflation	PPT & PDF
	Sem-III H	Dr. Papita Dutta	Mathematical Economics-II (CC7)	i) Linear Programming Technique as a Tool of optimization ii) Input - Output Analysis	PPT & PDF
Even Semester (18-19)	Sem-II H	Moneswar Sarkar	Introductory Macroeconomics CC3	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-II H	Dr. Papita Dutta	Mathematical Economics-I (CC4)	i) Cob Douglas production function ii) Techniques of definite integral ( Consumer's Surplus and Producer's Surplus)	PPT & PDF
	Sem-IV H	Moneswar Sarkar	Selected Features of Indian Economy CC8	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF
	Sem-IV H	Dr. Papita Dutta	Statistical Methods-II (CC9)	i) Normal Distributions ii) Testing of Hypothesis	PPT & PDF
	Sem-IV H	Dr. Papita Dutta	Development Economics (CC10)	i) Sustainable development ii) Growth and Development	PPT & PDF
	Sem-IV H	Moneswar Sarkar	Development Economics (CC10)	i) Poverty and inequality ii) Human Development Index	PPT & PDF

  
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**I Q A C**  
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Summary Sheet of ICT mode of Learning  
Economics Honours  
Session 2019-20

Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (19-20)	Sem V H	Moneswar Sarkar	International Economics (CC 11)	i) Ricardian Theory of Trade ii) Concept of Factor Endowment	PPT & PDF
	Sem V H	Dr. Papita Dutta	Money & Banking (CC12)	i) interest rate differentials ii) Indian Banking System	PPT & PDF
	Sem V H	Moneswar Sarkar	Money & Banking (CC12)	i) Function of Money ii) Role of Reserve Bank of India	PPT & PDF
	Sem V H	Moneswar Sarkar	Rural Development (DSE 1)	i) Sustainable Development ii) Lewis Model	PPT & PDF
	Sem V H	Dr. Papita Dutta	Public Economics (DSE2)	i) Public goods and private goods ii) Public Debt (Importance and Source)	PPT & PDF
Even Semester (19-20)	Sem-VI H	Dr. Papita Dutta	Basic Econometrics (CC13)	i) Nature and Scope of ii) Estimation of PARAMETERS OF model by method of ordinary least squares	PPT & PDF
	Sem-VI H	Dr. Papita Dutta	Field Survey and Project Report (CC14)	i) Concept and importance of Field Survey Report ii) Reference Writing	PPT & PDF
	Sem-VI H	Moneswar Sarkar	Political Economy (DSE 3)	i) Basic features and functions of Physiocracy ii) The reserve army of Labour	PPT & PDF
	Sem-VI H	Dr. Papita Dutta	Entrepreneurship Development (DSE 4)	i) concept and features of Entrepreneurship ii) Financial resources for new ventures	PPT & PDF
	Sem-VI H	Moneswar Sarkar	Entrepreneurship Development (DSE 4)	i) Concept of industrial sickness ii) Role of Entrepreneurship in Economic Development	PPT & PDF

*Signature*

*Papita Dutta*

*Signature*

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**Co-ordinator**  
**IQAC**  
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Prof. Purba Bandyopadhyay

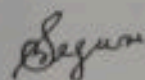
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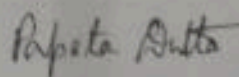


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Summary Sheet of ICT mode of Learning  
Economics General  
Session 2018-19

Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method
Odd Semester (18-19)	Sem-I G Dr. Papita Dutta	Microeconomics (CC-1A/GE-1)	i) Law of Diminishing Marginal Utility ii) Law of Demand	PPT & PDF
	Sem-I G Moneswar Sarkar	Microeconomics (CC-1A/GE-1)	i) Concept of Monopolistic Competition ii) Pareto Optimality	PPT & PDF
	Sem-III G Dr. Papita Dutta	Development Economics (CC-1C/GE-2)	i) Harrod- Domar growth Model ii) Balanced vs. Unbalanced Growth	PPT & PDF
	Sem-III G Moneswar Sarkar	Development Economics (CC-1C/GE-2)	i) Poverty and inequality ii) Human Development Index	PPT & PDF
	Sem-III G Animesh Pal	Development Economics (CC-1C/GE-2)	i) Different forms of Foreign Investment	PPT & PDF
Even Semester (18-19)	Sem-II G Dr. Papita Dutta	Macroeconomics (CC-1B/GE-2)	i) Circular flow of income ii) Simple Keynesian model of Income Determination	PPT & PDF
	Sem-II G Moneswar Sarkar	Macroeconomics (CC-1B/GE-2)	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-IV G Dr. Papita Dutta	Features of Indian Economy (CC 1D /GE-4)	i) Sectoral distribution of National Income ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-IV G Moneswar Sarkar	Features of Indian Economy (CC 1D /GE-4)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF
	Sem-IV G Animesh Pal	Features of Indian Economy (CC 1D /GE-4)	i) Land Reforms	PPT & PDF

  
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Department of Economics  
Summary Sheet of ICT mode of Learning  
Economics General  
Session 2019-20

Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (19-20)	Sem-I G	Dr. Papita Dutta	Microeconomics (CC-1A/GE-1)	i) Indifference Curve- Concept and Properties ii) Equilibrium under monopoly	PPT & PDF
	Sem-I G	Moneswar Sarkar	Microeconomics (CC-1A/GE-1)	i) Law of Demand ii) Pareto Optimality	PPT & PDF
	Sem-V G	Moneswar Sarkar	Economic History of India (DSE 1A)	i) Drain of Wealth ii) Role of agriculture in Indian economy	PPT & PDF
	Sem-V G	Animesh Pal	Economic History of India (DSE 1A)	i) Capital flow in colonial India	PPT & PDF
Even Semester (19-20)	Sem-II G	Dr. Papita Dutta	Macroeconomics (CC-1B/GE-2)	i) Circular flow of income ii) Simple Keynesian model of Income Determination	PPT & PDF
	Sem-II G	Moneswar Sarkar	Macroeconomics (CC-1B/GE-2)	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-VI G	Dr. Papita Dutta	Public Finance (DSE-1B)	i) Public Goods ii) Market Failure	PPT & PDF
	Sem-VI G	Moneswar Sarkar	Public Finance (DSE-1B)	i) Pareto Efficiency ii) Comparison between direct and indirect taxes	PPT & PDF
	Sem-VI G	Animesh Pal	Public Finance (DSE-1B)	i) Comparison between Private and Public Debt	PPT & PDF

*Sejua*

*Papita Dutta*

  
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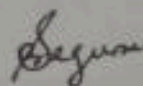


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Summary Sheet of ICT mode of Learning  
Economics General  
Session 2020-21

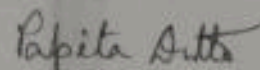
Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (2020-21)	Sem-I G	Dr. Papita Dutta	Microeconomics (CC-1A/GE-1)	i) Law of Diminishing Marginal Utility ii) Law of Demand	PPT & PDF
	Sem-I G	Moneswar Sarkar	Microeconomics (CC-1A/GE-1)	i) Concept of Monopolistic Competition ii) Pareto Optimality	PPT & PDF
	Sem-III G	Dr. Papita Dutta	Development Economics (CC-1C/GE-3)	i) HDI ii) Dependency Theory	PPT & PDF
	Sem-III G	Moneswar Sarkar	Development Economics (CC-1C/GE-3)	i) Poverty and Inequality ii) Gender Development Index	PPT & PDF
Odd Semester (2020-21)	Sem-II G	Dr. Papita Dutta	Macroeconomics (CC-1B/GE-2)	i) Concept of National income ii) Liquidity Preference theory of interest	PPT & PDF
	Sem-II G	Moneswar Sarkar	Macroeconomics (CC-1B/GE-2)	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-IV G	Dr. Papita Dutta	Features of Indian Economy (CC 1D/GE-4)	i) Sectoral distribution of National Income ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-IV G	Moneswar Sarkar	Features of Indian Economy (CC 1D/GE-4)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF



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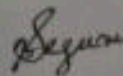


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Summary Sheet of ICT mode of Learning  
Economics General  
Session 2021-22

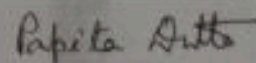
Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (2021-22)	Sem-I G	Dr. Papita Dutta	Microeconomics (CC-1A/GE-1)	i) Law of Diminishing Marginal Utility ii) Law of Demand	PPT & PDF
	Sem-I G	Moneswar Sarkar	Microeconomics (CC-1A/GE-1)	i) Concept of Monopolistic Competition ii) Pareto Optimality	PPT & PDF
	Sem-III G	Dr. Papita Dutta	Development Economics (CC-1C/GE-3)	i) Growth and Development ii) Harrod- Domar growth Model	PPT & PDF
	Sem-III G	Moneswar Sarkar	Development Economics (CC-1C/GE-3)	i) Poverty and Inequality ii) Human Development Index	PPT & PDF
	Sem-V G	Dr. Papita Dutta	Basic Statistics (DSE 1A)	i) definition, scope and limitation ii) Comparison of Mean, median and Mode	PPT & PDF
	Sem-V G	Dr. Papita Dutta	Basic Economics (GE-1)	i) Change in Demand vs change in Quantity Demand ii) Methods of measuring national income	PPT & PDF
	Sem-V G	Moneswar Sarkar	Basic Economics (GE-1)	i) Elasticity of Demand ii) Concept of Monopolistic Competition	PPT & PDF
Even Semester (2021-22)	Sem-II G	Dr. Papita Dutta	Macroeconomics (CC-1B/GE-2)	i) Concept of National income ii) IS-LM model	PPT & PDF
	Sem-II G	Moneswar Sarkar	Macroeconomics (CC-1B/GE-2)	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-IV G	Dr. Papita Dutta	Features of Indian Economy (CC 1D /GE-4)	i) Sectoral distribution of National Income ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-IV G	Moneswar Sarkar	Features of Indian Economy (CC 1D /GE-4)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF
	Sem-VI G	Dr. Papita Dutta	Public Finance (DSE-1B)	i) Overview of Fiscal Functions ii) Public Goods	PPT & PDF
	Sem-VI G	Moneswar Sarkar	Public Finance (DSE-1B)	i) Pareto Efficiency ii) Comparison between direct and indirect taxes	PPT & PDF
	Sem-VI G	Dr. Papita Dutta	Indian Economic Development (GE-2)	i) public distribution system ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-VI G	Moneswar Sarkar	Indian Economic Development (GE-2)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF



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Summary Sheet of ICT mode of Learning  
Economics General  
Session 2022-23

Semester	Name of the faculty	Course Title with Code	Name of the Topic	Mode of Teaching under ICT Method	
Odd Semester (2022-23)	Sem-I G	Dr. Papita Dutta	Microeconomics (CC-1A/GE-1)	i) Law of Diminishing Marginal Utility ii) Law of Demand	PPT & PDF
	Sem-I G	Moneswar Sarkar	Microeconomics (CC-1A/GE-1)	i) ) Concept of Monopolistic Competition ii) Pareto Optimality	PPT & PDF
	Sem-III G	Dr. Papita Dutta	Development Economics (CC-1C/GE-3)	i) Growth and Development ii) Harrod- Domar growth Model	PPT & PDF
	Sem-III G	Moneswar Sarkar	Development Economics (CC-1C/GE-3)	i) Poverty and Inequality ii) Human Development Index	PPT & PDF
	Sem-V G	Dr. Papita Dutta	Basic Statistics (DSE 1A)	i) definition, scope and limitation ii) Comparison of Mean, median and Mode	PPT & PDF
	Sem-V G	Dr. Papita Dutta	Basic Economics (GE-1)	i) Change in Demand vs change in Quantity Demand ii) Methods of measuring national income	PPT & PDF
	Sem-V G	Moneswar Sarkar	Basic Economics (GE-1)	i) Law of Demand ii) Concept of Monopolistic Competition	PPT & PDF
Even Semester (2022-23)	Sem-II G	Dr. Papita Dutta	Macroeconomics (CC-1B/GE-2)	i) Concept of National income ii) IS-LM model	PPT & PDF
	Sem-II G	Moneswar Sarkar	Macroeconomics (CC-1B/GE-2)	i) Function of Money ii) Concept of Inflation	PPT & PDF
	Sem-IV G	Dr. Papita Dutta	Features of Indian Economy (CC 1D /GE-4)	i) Sectoral distribution of National Income ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-IV G	Moneswar Sarkar	Features of Indian Economy (CC 1D /GE-4)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF
	Sem-VI G	Dr. Papita Dutta	Public Finance(DSE-1B)	i) Overview of Fiscal Functions ii) Public Goods	PPT & PDF
	Sem-VI G	Moneswar Sarkar	Public Finance (DSE-1B)	i) Pareto Efficiency ii) Comparison between direct and indirect taxes	PPT & PDF
	Sem-VI G	Dr. Papita Dutta	Indian Economic Development (GE-2)	i) public distribution system ii) Centre-State Conflict on Finances	PPT & PDF
	Sem-VI G	Moneswar Sarkar	Indian Economic Development (GE-2)	i) Role of Small-scale industry in Indian economy ii) Role of Reserve Bank of India in Indian economy	PPT & PDF

*Sejun*

*Papita Dutta*

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**DEPARTMENT OF MATHEMATICS**  
**GUSHKARA MAHAVIDYALAYA**  
**List of classes taken through PPT and notes provided**  
**(2018-19 to 2022-23)**

Session	Faculty Name	Topic	Course Name	Course Code with unit
2018-19	MB	Rolle's theorem	theory of real functions and introduction to metric space	BMH3CC05 (Unit-2)
		Taylor's theorem with Lagrange's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Taylor's theorem with Cauchy's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Metric spaces: Definition and examples	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Open and closed balls	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Double integration over rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		double integration over non-rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		Double integrals in polar co-ordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		Triple integral over a parallelepiped and solid regions	Multivariate Calculus	BMH4CC09 (Unit-2)
		Volume by triple integrals	Multivariate Calculus	BMH4CC09 (Unit-2)
		cylindrical and spherical coordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		System of linear equations	Algebra	BMH1CC03 (Unit-3)
		Matrix representation of System of linear equations $Ax=b$	Algebra	BMH1CC02 (Unit-3)
		Solution sets of linear systems	Algebra	BMH1CC02 (Unit-3)
RG	Numerical integrations	Numerical Methods & Numerical Methods Lab	BMH4CC07 (Unit-5)	
MG	Representation of a graph by a matrix	Graph Theory	BMH4SEC 21 (UNIT-2)	
2019-20	MB	Coplanar Forces	Mechanics I	BMH5CC12 (Unit-1)
		Single Arm and Couple	Mechanics I	BMH5CC12 (Unit-2)
		Moments and Products of Inertia	Mechanics I	BMH5CC12 (Unit-3)
		Collision in one dimension	Mechanics II	BMH5CC14 (Unit-1)
		Pressure in a heavy homogeneous fluid	Mechanics II	BMH5CC14 (Unit-4)

  
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Mukul Biswas  
 Head  
 Dept. of Mathematics  
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		Rolle's theorem	theory of real functions and introduction to metric space	BMH3CC05 (Unit-2)
		Taylor's theorem with Lagrange's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Taylor's theorem with Cauchy's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Metric spaces: Definition and examples	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Open and closed balls	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Double integration over rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		double integration over non-rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		Double integrals in polar co-ordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		Triple integral over a parallelepiped and solid regions	Multivariate Calculus	BMH4CC09 (Unit-2)
		Volume by triple integrals	Multivariate Calculus	BMH4CC09 (Unit-2)
		cylindrical and spherical coordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		System of linear equations	Algebra	BMH1CC02 (Unit-3)
		Matrix representation of System of linear equations $Ax=b$	Algebra	BMH1CC02 (Unit-3)
		Solution sets of linear systems	Algebra	BMH1CC02 (Unit-3)
	TS	Equivalence relations and partitions	Algebra	CC02 (Unit 2)
		Well-ordering Property of Positive integers	Algebra	CC02 (Unit 2)
		Definition and examples of Groups	Group Theory - I	CC06 (Unit 1)
		Group Homomorphisms and its properties	Group Theory - I	CC06 (Unit 1)
		Complete Metric spaces	Metric Spaces and Complex Analysis	CC13 (Unit 1)
		PID	Ring Theory and Linear Algebra - II	CC14 (Unit 1)
		UFD	Ring Theory and Linear Algebra - II	CC14 (Unit 1)
		ED	Ring Theory and Linear Algebra - II	CC14 (Unit 1)
		Project Work	Project Work	PW
	MG	Formulation of two person zero sum games	Linear Programming Problem	BMH5D5 (1) (Unit 4)
20, 1	MB	Coplanar Forces	Mechanics - I	BMH5CC12 (Unit 1)
		Simple harmonic motion	Mechanics - I	BMH5CC12 (Unit 2)
		Moments and Products of inertia	Mechanics - I	BMH5CC12 (Unit 2)
		Capillary Rise/Depression	Mechanics - II	BMH5D5 (1) (Unit 4)
		Pressure in a heavy homogeneous fluid	Mechanics - II	BMH5D5 (1) (Unit 4)
		Continuity and Conservation of Energy	Mechanics - II	BMH5D5 (1) (Unit 4)

  
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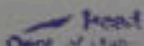
  
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**IQAC**  
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 Gushkara, Patta Sardana

Mukul Kumar  
**Head**  
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	Rolle's theorem	theory of real functions and introduction to metric space	BMH3CC05 (Unit-2)
	Taylor's theorem with Lagrange's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
	Taylor's theorem with Cauchy's form of remainder	theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
	Metric spaces: Definition and examples	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
	Open and closed balls	theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
	Double integration over rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
	double integration over non-rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
	Double integrals in polar co-ordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
	Triple integral over a parallelepiped and solid regions	Multivariate Calculus	BMH4CC09 (Unit-2)
	Volume by triple integrals	Multivariate Calculus	BMH4CC09 (Unit-2)
	cylindrical and spherical coordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
	System of linear equations	Algebra	BMH1CC02 (Unit-3)
	Matrix representation of System of linear equations Ax=b	Algebra	BMH1CC02 (Unit-3)
	Solution sets of linear systems	Algebra	BMH1CC02 (Unit-3)
TS	Equivalence relations and partitions	Algebra	CC02 (Unit 2)
	Well-ordering Property of Positive integers	Algebra	CC02 (Unit 2)
	Review of Algebraic and order properties of real number	Real Analysis	CC03 (Unit 1)
	Bounded Set and its properties	Real Analysis	CC03 (Unit 1)
	Continuous function	Theory of Real Functions and Introduction to metric spaces	CC05 (Unit 1)
	Intermediate Value Theorem	Theory of Real Functions and Introduction to metric spaces	CC05 (Unit 1)
	Definition and examples of Groups	Group Theory -I	CC06 (Unit 1)
	Group Homomorphisms and its properties	Group Theory -I	CC06 (Unit 5)
	Equivalence Relation and Partition	Logic and Sets	SECC1 (Unit 1)
	Finite sets	Logic and Sets	SECC1 (Unit 2)
	Riemann Integrability of monotone and Continuous functions	Riemann Integration and Series of Functions	CC08 (Unit 1)
	Definitions and Examples of Rings	Ring Theory and Linear Algebra	CC10 (Unit 1)
	Ring Homomorphisms and its properties	Ring Theory and Linear Algebra	CC10 (Unit 1)
	Integral and Maximal ideals	Ring Theory and Linear Algebra	CC10 (Unit 1)
	PDE -Basic Concepts and Definition	Partial Differential equations and Applications	CC11 (Unit 1)
	Classification of second order partial equations	Partial Differential equations and Applications	CC11 (Unit 2)

  
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Masrui Banerjee  
  
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 Dept. of Math. and Stats.  
 Gushkara Mahavidyalaya

		Complete Metric spaces	Metric Spaces and Complex Analysis	CC13 (Unit 1)
		PID	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
		UFD	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
		ED	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
	MG	Basic properties of graphs	Graph Theory	BMH45EC 21 (Unit-1)
2021-22	MB	Coplanar forces	Mechanics-I	BMH5CC12 (Unit-1)
		Simple harmonic motion	Mechanics-1	BMH5CC12 (Unit-2)
		Moments and Products of inertia	Mechanics-1	BMH5CC12 (Unit-3)
		Galilean transformation	Mechanics-II	BMH6DSE43 (Unit-1)
		Pressure in a heavy homogeneous liquid	Mechanics-II	BMH6DSE43 (Unit-2)
		Constraint and constraint forces	Mechanics-II	BMH6DSE43 (Unit-3)
		Rolle's theorem	Theory of real functions and introduction to metric space	BMH3CC05 (Unit-2)
		Taylor's theorem with Lagrange's form of remainder	Theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Taylor's theorem with Cauchy's form of remainder	Theory of real functions and introduction to metric space	BMH3CC05 (Unit-3)
		Metric spaces: Definition and examples	Theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Open and closed balls	Theory of real functions and introduction to metric space	BMH3CC05 (Unit-4)
		Double integration over rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		double integration over non-rectangular region	Multivariate Calculus	BMH4CC09 (Unit-2)
		Double integrals in polar co-ordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		Triple integral over a parallelepiped and solid regions	Multivariate Calculus	BMH4CC09 (Unit-2)
		Volume by triple integrals	Multivariate Calculus	BMH4CC09 (Unit-2)
		Cylindrical and spherical coordinates	Multivariate Calculus	BMH4CC09 (Unit-2)
		System of linear equations	Algebra	BMH1CC02 (Unit-3)
		Matrix representation of System of linear equations Ax=b	Algebra	BMH1CC02 (Unit-3)
		Solution sets of linear systems	Algebra	BMH1CC02 (Unit-3)
		Equivalence relations and partitions	Algebra	CC02 (Unit 2)
		Well-ordering: Property of Positive integers	Algebra	CC02 (Unit 2)
		Review of Algebraic and order properties of real number	Real Analysis	CC03 (Unit 1)
	Bounded set and its properties	Real Analysis	CC03 (Unit 1)	
	Continuous functions	Theory of Real Functions and Introduction to metric spaces	CC03 (Unit 1)	
	Intermediate Value Theorem	Theory of Real Functions and Introduction to metric spaces	CC03 (Unit 1)	

  
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Madhu Chandra  
 Head  
 Dept. of Math - Institute  
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		Definition and examples of Groups	Group Theory -I	CC06(Unit 1)
		Group Homomorphisms and its properties	Group Theory -I	CC06(Unit 5)
		Equivalence Relation and Partition	Logic and Sets	SEC11 (Unit 3)
		Finite sets	Logic and Sets	SEC11 (Unit 2)
		Riemann Integrability of monotone and Continuous functions	Riemann Integration and Series of Functions	CC08(Unit 1)
		Definitions and Examples of Rings	Ring Theory and Linear Algebra	CC10(Unit 2)
		Ring Homomorphisms and its properties	Ring Theory and Linear Algebra	CC10(Unit 1)
		Prime and Maximal ideals	Ring Theory and Linear Algebra	CC10(Unit 1)
		PDF- Basic Concepts and Definition	Partial Differential equations and Applications	CC11(Unit 3)
		Classification of second order linear equation	Partial Differential equations and Applications	CC11(Unit 2)
		Complete Metric spaces	Metric Spaces and Complex Analysis	CC13(Unit 1)
		PID	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
		UFD	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
		ED	Ring Theory and Linear Algebra-II	CC14 (Unit 1)
		Project Work	Project Work	PW
2022	MG	Problems on adjacency matrix	Graph Theory	BMH5EC 21 (Unit 3)
23	MB	Coplanar Forces	Mechanics-I	BMH5CC 12 (Unit 1)
		Simple harmonic motion	Mechanics-I	BMH5CC 12 (Unit 2)
		Moments and Products of inertia	Mechanics-2	BMH5CC 12 (Unit 3)
		Galilean transformation	Mechanics-II	BMH6DS 43 (Unit 1)
		Pressure in a heavy homogeneous liquid	Mechanics-II	BMH6DS 43 (Unit 2)
		Constraint and constraint forces	Mechanics-II	BMH6DS 43 (Unit 3)
		Rolle's theorem	theory of real functions and introduction to metric space	BMH3CC 05 (Unit 2)
		Taylor's theorem with Lagrange's form of remainder	theory of real functions and introduction to metric space	BMH3CC 05 (Unit 3)
		Taylor's theorem with Cauchy's form of remainder	theory of real functions and introduction to metric space	BMH3CC 05 (Unit 4)
		Metric spaces: Definition and examples	theory of real functions and introduction to metric space	BMH3CC 05 (Unit 4)
		Open and closed balls	theory of real functions and introduction to metric space	BMH3CC 05 (Unit 4)
		Double integration over rectangular region	Multivariate Calculus	BMH4CC 09 (Unit 2)
		Double integration over non-rectangular region	Multivariate Calculus	BMH4CC 09 (Unit 2)
		Double integrals in polar coordinates	Multivariate Calculus	BMH4CC 09 (Unit 2)
		Triple integral over a parallelepiped and solid region	Multivariate Calculus	BMH4CC 09 (Unit 2)
		Volume by triple integrals	Multivariate Calculus	BMH4CC 09 (Unit 2)

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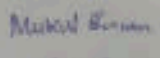
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IQAC  
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Gushkara, Purba Bardhaman

*Mukul Biswas*  
Head  
Dept. of Mathematics  
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	cylindrical and spherical coordinates	Multivariate Calculus	BMH4CC05 (Unit-2)
	System of linear equations	Algebra	BMH1CC02 (Unit-3)
	Matrix representation of System of linear equations $Ax=b$	Algebra	BMH1CC02 (Unit-3)
	Solution sets of linear systems	Algebra	BMH1CC02 (Unit-3)
TS	Equivalence relations and partitions	Algebra	CC02(Unit 2)
	Well-ordering Property of Positive integers	Algebra	CC02(Unit 2)
	Review of Algebraic and order properties of real number	Real Analysis	CC03(Unit 1)
	Bounded Set and its properties	Real Analysis	CC03(Unit 1)
	Continuous function	Theory of Real Functions and introduction to metric spaces	CC05(Unit 1)
	Intermediate Value Theorem	Theory of Real Functions and introduction to metric spaces	CC05(Unit 1)
	Definition and examples of Groups	Group Theory -I	CC06(Unit 1)
	Group Homomorphisms and its properties	Group Theory -I	CC06(Unit 1)
	Equivalence Relation and Partition	Logic and Sets	SEC11 (Unit 1)
	Finite sets	Logic and Sets	SEC11 (Unit 2)
	Riemann Integrability of monotone and Continuous functions	Riemann Integration and Series of Functions	CC08(Unit 1)
	Definitions and Examples of Rings	Ring Theory and Linear Algebra	CC10(Unit 1)
	Ring Homomorphisms and its properties	Ring Theory and Linear Algebra	CC10(Unit 1)
	Prime and Maximal ideals	Ring Theory and Linear Algebra	CC10(Unit 1)
	PDE: Basic Concepts and Definition	Partial Differential equations and Applications	CC11(Unit 1)
	Classification of second order linear equation	Partial Differential equations and Applications	CC11(Unit 2)
	Complete Metric spaces	Metric Spaces and Complex Analysis	CC13(Unit 1)
	FD	Ring Theory and Linear Algebra -II	CC14 (Unit 1)
UFD	Ring Theory and Linear Algebra -II	CC14 (Unit 1)	
ED	Ring Theory and Linear Algebra -II	CC14 (Unit 1)	
Project Work	Project Work	PW	
MC	Games with mixed strategies	Linear Programming Problem	BMH5DSE11 (Unit 4)

  
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 Dept. of Math  
 Gushkara Mahavidyalaya



DEPARTMENT OF POLITICAL SCIENCE

2018-19

SL.NO.	NAME OF TEACHER	SEM	CC	PPT TOPIC & PDF NOTES
1.	Aynul Haque	I	2	Rawls's theory of Justice
2.	Aynul Haque	I	2	Gandhi's theory of State
3.	Aynul Haque	III	5	Rule of Law
4.	Saroj Kumar Sarkar	II	3	Ambedkar on Social Justice
5.	Saroj Kumar Sarkar	I	1	Features of Greek Political Thought
6.	Manik Biswas	I	1	Features of Medieval Political Thought
7.	Munshi Azhar Ali	I	2	The end of Ideology debate: Daniel Bell and Francis Fukuyama
8.	Riya Koner	I	1	Locke - Liberalism



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Co-ordinator  
I.O.A.C  
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Gangadhar, P.O. - Bardhaman

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Gushkara Mahavidyalaya

DEPARTMENT OF POLITICAL SCIENCE

2019-20

SL.NO.	NAME OF TEACHER	SEM	CC	PPT TOPIC & PDF NOTES
1.	Aynul Haque	I	2	Rawls's theory of Justice,
2.	Aynul Haque	I	2	Gandhi's theory of State
3.	Saroj Kumar Sarkar	I	1	Features of Greek Political Thought
4.	Saroj Kumar Sarkar	II	3	Ambedkar on Social Justice
5.	Saroj Kumar Sarkar	II	4	Nature of Indian Federation
6.	Manik Biswas	I	1	Features of Medieval Political Thought
7.	Munshi Azhar Ali	I	2	The end of Ideology debate: Daniel Bell and Francis Fukuyama
8.	Riya Koner	I	1	Locke - Liberalism
9.	Riya Koner	IV	9	Political Sociology – Nature and Scope



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DEPARTMENT OF POLITICAL SCIENCE

2020-21

SL.NO.	NAME OF TEACHER	SEM	CC	PPT TOPIC <i>PDF NOTES</i>
1.	Aynul Haque	I	2	Gandhi's theory of State
2.	Aynul Haque	III	5	Rule of Law
3.	Aynul Haque	V	DSE-2	Sustainable Development Goals
4.	Saroj Kumar Sarkar	I	1	Features of Greek Political Thought
5.	Saroj Kumar Sarkar	II	3	Ambedkar on Social Justice
6.	Saroj Kumar Sarkar	II	4	Power and Functions of Indian President
7.	Saroj Kumar Sarkar	II	4	Nature of Indian Federation
8.	Manik Biswas	I	1	Features of Medieval Political Thought
9.	Manik Biswas	III	6	Fred Riggs' Ecological Approach
10.	Manik Biswas	II	3	Kautilya's theory of Saptanga
11.	Munshi Azhar Ali	I	2	The end of Ideology debate: Daniel Bell and Francis Fukuyama
12.	Riya Koner	IV	9	Political Sociology – Nature and Scope
13.	Riya Koner	V	11	New and Old Social Movements



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Gushkara Mahavidyalaya

DEPARTMENT OF POLITICAL SCIENCE

2021-22

SL.NO.	NAME OF TEACHER	SEM	CC	PPT TOPIC <i>PDF NOTES</i>
1.	Aynul Haque	I	2	Gandhi's theory of State
2.	Aynul Haque	II	4	Fundamental Rights
3.	Aynul Haque	III	5	Rule of Law
4.	Aynul Haque	V	DSE-2	Sustainable Development Goals
5.	Saroj Kumar Sarkar	I	1	Features of Greek Political Thought
6.	Saroj Kumar Sarkar	II	3	Ambedkar on Social Justice
7.	Saroj Kumar Sarkar	II	4	Power and Functions of Indian President
8.	Saroj Kumar Sarkar	II	4	Nature of Indian Federation
9.	Manik Biswas	I	1	Features of Medieval Political Thought
10.	Manik Biswas	II	3	Kautilya's theory of Saptanga
11.	Manik Biswas	III	6	Fred Riggs' Ecological Approach
12.	Manik Biswas	III	5	Party System – UK & USA
13.	Munshi Azhar Ali	IV	10	Role of UN on Peace Keeping And Peace Building
14.	Munshi Azhar Ali	I	2	The end of Ideology debate: Daniel Bell and Francis Fukuyama
15.	Riya Koner	III	6	Evolution of Public Administration
16.	Riya Koner	IV	9	Political Sociology – Nature and Scope
17.	Riya Koner	V	11	New and Old Social Movements



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DEPARTMENT OF POLITICAL SCIENCE

2022-23

SL.NO.	NAME OF TEACHER	SEM	CC	PPT TOPIC
1.	Aynul Haque	I	2	Rawls's theory of Justice
2.	Aynul Haque	II	4	Fundamental Rights
3.	Aynul Haque	III	5	Rule of Law
4.	Aynul Haque	V	DSE-2	Sustainable Development Goals
5.	Saroj Kumar Sarkar	I	1	Features of Greek Political Thought
6.	Saroj Kumar Sarkar	II	3	Ambedkar on Social Justice
7.	Saroj Kumar Sarkar	II	4	Power and Functions of Indian President
8.	Saroj Kumar Sarkar	II	4	Nature of Indian Federalism
9.	Saroj Kumar Sarkar	IV	9	Feminism- Different Schools
10.	Manik Biswas	I	1	Features of Medieval Political Thought
11.	Manik Biswas	II	3	Kautilya's theory of Saptanga
12.	Manik Biswas	III	6	Fred Riggs' Ecological Approach
13.	Manik Biswas	III	5	Party System – UK & USA
14.	Munshi Azhar Ali	IV	10	Role of UN on Peace Keeping And Peace Building
15.	Munshi Azhar Ali	I	2	The end of Ideology debate: Daniel Bell and Francis Fukuyama
16.	Riya Koner	III	6	Evolution of Public Administration
17.	Riya Koner	IV	9	Political Sociology – Nature and Scope
18.	Riya Koner	V	11	New and Old Social Movements



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# GUSHKARA MAHAVIDYALAYA

DEPARTMENT OF BENGALI(U.G & P.G)

SESSION-2019-2020

CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

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DEPARTMENT OF BENGALI(U.G & P.G)

SESSION-2020-2021

CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরঙ্গনা কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ- ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT


  
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**GUSHKARA MAHAVIDYALAYA**  
DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2020-2021  
CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২।রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩।রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১।অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১।সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

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DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2019-2020  
CLASS-U.G


Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরঙ্গনা কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ- ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT


  
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**GUSHKARA MAHAVIDYALAYA**  
DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2021-2022  
CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF, Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry )	PPT
		২।রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩।রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories )	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১।সাহিত্য পত্রিকাগুলির আকার – আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

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DEPARTMENT OF BENGALI(U.G & P.G)

SESSION-2021-2022

CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরসঙ্গীত কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ- ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT

  
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**GUSHKARA MAHAVIDYALAYA**

DEPARTMENT OF BENGALI(U.G &amp; P.G)

SESSION-2022-2023

CLASS-P.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। 'পুনশ্চ' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
		২। রবীন্দ্র-সমকালের কবিতাগুলির তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/2 (Tagore's & his contemporary Poetry)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। চণ্ডীমঙ্গল কাব্যের কাহিনী বিন্যাস-বৃক্ষচিত্রের মাধ্যমে	MABENG/202/1 (Poetry of Medieval & Modern age)	PPT
		২। জীবনানন্দ দাশ-এর কবিতার চিত্ররূপের প্রদর্শন	MABENG/202/2 (Poetry of Medieval & Modern age)	Picture Presentation
		৩। রবীন্দ্রোত্তর বাংলা ছোটগল্প অবলম্বনে চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -III	১। অরণ্যের অধিকার চলচ্চিত্রের প্রদর্শন	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
		২। অরণ্যের অধিকার কাহিনী বিন্যাস-বৃক্ষচিত্র	MABENG/301/2 (History of Bengali Literature 19 <sup>th</sup> Century, Fiction & Drama)	CD/Youtube link
DR. MAITRAYI RAY SAR	SEM -IV	১। সাহিত্য পত্রিকাগুলির আকার - আয়তন, বিজ্ঞাপনসহ পুরানো পত্রিকার চিত্র প্রদর্শন	MABENG/402/1 (Literary Movement & Translation)	Picture Presentation
		২। বঙ্গদর্শন পত্রিকার সম্পাদনার ইতিহাস বৃক্ষচিত্রের মাধ্যমে	MABENG/402/1 (Literary Movement & Translation)	PPT

  
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# GUSHKARA MAHAVIDYALAYA

DEPARTMENT OF BENGALI(U.G & P.G)

SESSION-2022-2023

CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
DR. MAITRAYI RAY SAR	SEM -I	১। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
		২। অলংকার-এর শ্রেণীবিভাগ বৃক্ষচিত্রের মাধ্যমে পর্যায়-১	CC-2 (ALANGKAR)	PPT
DR. MAITRAYI RAY SAR	SEM -II	১। অন্নদামঙ্গল কাব্যের কাহিনী বিন্যাস	CC-4 (Ramayana & Annadamangal)	PPT
DR. MAITRAYI RAY SAR	SEM -III	১। বীরাসনা কাব্যের পত্রসংখ্যার বিন্যাস ও পত্র পরিকল্পনা- রেখাচিত্রের সহযোগে	CC-7 (Unish shataker Kabbyo)	PPT
DR. MAITRAYI RAY SAR	SEM -IV	১। আধুনিক কবিতার পালাবদলের কথা-ছকের দ্বারা	CC-8 (Kobita)	PPT
		২। আধুনিক কবিতাগুলির আবৃত্তি শ্রবণ	CC-8 (Kobita)	Youtube Audio link
DR. MAITRAYI RAY SAR	SEM -V	১। একালের গল্পঃ প্রেক্ষাপটের বর্ণনা-ছকের মাধ্যমে	CC-11 (Akaler Golpo)	PPT
		২। একালের গল্পঃ নির্বাচিত গল্পের চলচ্চিত্র প্রদর্শন	CC-11 (Akaler Golpo)	CD/Youtube Audio-Video link
DR. MAITRAYI RAY SAR	SEM -VI	১। ট্র্যাজেডিঃ- ষড়ঙ্গ শিল্প—ছকের মাধ্যমে	CC-14 (Sahityer Rup O Riti)	PPT
		২। সাহিত্যিক বাদ বা মতবাদগুলির শ্রেণীবিভাগ	CC-14 (Sahityer Rup O Riti)	PPT

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2018-19**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM – I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM – II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM – III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। ভাস্করবিলাস ছায়াছবি	CC-5	CD

	SEM - IV	১। বন্ধিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	Third Year	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র		PPT & PDF
		২। বিভিন্ন ধরনের ভাবের উদাহরণসহ আলোচনা		PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র		PPT & PDF
		৪। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র		PPT
		৫। ওথেলো ছায়াছবি		CD
		৬। ম্যাকবেথ ছায়াছবি		CD
		৭। হ্যামলেট ছায়াছবি		CD
		৮। রোমিও জুলিয়েট ছায়াছবি		CD
		৯। কিংলীর ছায়াছবি		CD
		১০। মার্চেন্ট অব ভেনিস		CD

  
 Head  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। জান্তিবিলাস ছায়াছবি	CC-5	CD



	SEM – IV	১। বন্ধিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM – V	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরণের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM – VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2020-21**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। জ্ঞানবিলাস ছায়াছবি	CC-5	CD

	SEM – IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM – V	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাজনের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরণের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM – VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

  
 Head  
 Department of Bengali  
 Gresham Multividyapeeth

**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**UG - 2021-22**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। জ্ঞান্ভিবিলাস ছায়াছবি	CC-5	CD

	SEM – IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM – V	১। ধ্বনির উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধরণের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM – VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD


  
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**GUSHKARA MAHAVIDYALAYA**  
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**UG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। বাংলা সাহিত্যের যুগ বিভাজন সম্পর্কিত রেখাচিত্র	CC-1	PPT & PDF
		২। মধ্যযুগের বিভিন্ন সাহিত্য ধারার রেখাচিত্র	CC-1	PPT
		৩। শ্রীকৃষ্ণকীর্তন কাব্যের অডিও	CC-1	CD
		৪। রামায়ণ গান-এর ভিডিও		
	SEM - II	১। অনুবাদ সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-4	PPT & PDF
		২। রামায়ণ গান-এর অডিও / ভিডিও	CC-4	CD
		৩। রামযাত্রা ভিডিও	CC-4	CD
	SEM - III	১। আধুনিক বাংলা সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র	CC-5	PPT
		২। ফোর্ট উইলিয়াম কলেজের অডিও-ভিডিও	CC-5	CD
		৩। বিদ্যাসাগরের সাহিত্যের শ্রেণীবিভাগ ও আলোচনা	CC-5	PPT
		৪। রামমোহন রায়ের জীবন ও সাহিত্য আলোচনা	CC-5	PPT
		৫। শ্রীকৃষ্ণবিলাস ছায়াছবি	CC-5	CD

	SEM – IV	১। বঙ্কিমের উপন্যাস সাহিত্যের শ্রেণী বিভাজনের রেখাচিত্র		PPT
	SEM – V	১। ধর্মের উদাহরণসহ শ্রেণীবিভাগের রেখাচিত্র	CC-12	PPT & PDF
		২। বিভিন্ন ধর্মের ভাবের উদাহরণসহ আলোচনা	CC-12	PPT & PDF
		৩। শব্দার্থ শক্তি সম্পর্কে আলোচনার রেখাচিত্র	CC-12	PPT & PDF
	SEM – VI	১। শেক্সপীয়রের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	CC-13	PPT
		২। ওথেলো ছায়াছবি	CC-13	CD
		৩। ম্যাকবেথ ছায়াছবি	CC-13	CD
		৪। হ্যামলেট ছায়াছবি	CC-13	CD
		৫। রোমিও জুলিয়েট ছায়াছবি	CC-13	CD
		৬। কিংলীর ছায়াছবি	CC-13	CD
		৭। মার্চেন্ট অব ভেনিস	CC-13	CD

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিভূষণের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহ পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মমঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

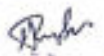
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2021-22**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিভূষণের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহ পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মমঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

  
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**DEPARTMENT OF BENGALI**

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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
Dr. Mita Roy	SEM - I	১। মধ্যযুগের বিভিন্ন সাহিত্যধারা সম্পর্কে আলোচনার রেখাচিত্র	MABENG/102/1	PPT
		২। শ্রীকৃষ্ণকীর্তনের দেশকাল সমাজের চিত্র	MABENG/102/1	PPT & PDF
		৩। শ্রীকৃষ্ণকীর্তন অডিও	MABENG/102/1	CD
		৪। পুতুল নাচের ইতিকথা	MABENG/104/1	CD
	SEM - II	১। গিরিশচন্দ্রের নাটকের শ্রেণীবিভাগ ও আলোচনা রেখাচিত্রে সাহায্যে	MABENG/204/1	PPT
		২। জনা নাটকের ভিডিও প্রদর্শন	MABENG/204/1	CD
		৩। বিভূতিভূষণের সাহিত্যের শ্রেণীবিভাজনের রেখাচিত্র	MABENG/204/2	PPT
		৪। পথের পাঁচালী ছায়াছবি প্রদর্শন	MABENG/204/2	CD
	SEM - III	১। মধ্যযুগের বাংলা অনুবাদ সাহিত্যের ধারা আলোচনা রেখাচিত্র	MABENG/303/2	PPT
		২। ময়মনসিংহ পালা অভিনয়ের ভিডিও	MABENG/304/1	CD
	SEM - IV	১। ধর্মমঙ্গল কাব্যের অডিও ভিডিও	MABENG/403/2	CD
		২। শিবায়ন কাব্যের অডিও ভিডিও	MABENG/404/1	CD

  
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Summary Sheet of ICT mode of Lecturer of UG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Kohinoor Begum	2018-19 Sem-I	১. রামেশ্বর ভট্টাচার্যের শিবায়ন (CC-1) ২. কবি ভারতচন্দ্র - অন্নদামঙ্গল(CC-1)	PPT & PDF
	2018-19 Sem-II	১. পূর্বরাগ পর্যায় - চণ্ডীদাস (CC-2) ২. বিরহের হাহাকার - মাথুর(CC-2)	
	2019-20 Sem-III	১. কবিতার নবজন্ম -ঈশ্বরগুপ্ত(CC-5) ২. মহাকাব্য - মাইকেল মধুসূদন দত্ত(CC-5)	Do
	2019-20 Sem-IV	১. ভদ্রেতর চরিত্র - নীলদর্পন (CC-10) ২. বাংলার সমাজচিত্র - নীলদর্পন(CC-10)	Do
	2020-21 Sem-V	১. আখ্যানকাব্য - রঙ্গলাল বন্দ্যোপাধ্যায়(DSE-1) ২. গীতিকবিতা -বিহারীলাল চক্রবর্তী(DSE-1)	Do
	2020-21 Sem-VI	১. মহাকবি কালিদাস(CC-13) ২. নাট্যকার শূদ্রক (CC-13)	Do
	2021-22 Sem-I	১. রামেশ্বর ভট্টাচার্যের শিবায়ন (CC-1) ২. কবি ভারতচন্দ্র - অন্নদামঙ্গল(CC-1)	Do
	2021-22 Sem-II	১. পূর্বরাগ পর্যায় - চণ্ডীদাস (CC-2) ২. বিরহের হাহাকার - মাথুর(CC-2)	Do
	2021-22 Sem-III	১. কবিতার নবজন্ম -ঈশ্বরগুপ্ত(CC-5) ২. মহাকাব্য - মাইকেল মধুসূদন দত্ত(CC-5)	Do
	2022-23 Sem-IV	১. আখ্যানকাব্য - রঙ্গলাল বন্দ্যোপাধ্যায় ২. গীতিকবিতা -বিহারীলাল চক্রবর্তী	Do
	2022-23 Sem-V	১. আখ্যানকাব্য - রঙ্গলাল বন্দ্যোপাধ্যায়(DSE-1) ২. গীতিকবিতা -বিহারীলাল চক্রবর্তী(DSE-1)	Do



  
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Summary Sheet of ICT mode of Lecturer of PG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Kohinoor Begum	2018-19 Sem-I	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মঙ্গলকাব্য - মনসামঙ্গল (১০১/১)	PPT & PDF
	2018-19 Sem-II	১.ষোড়শ শতক - চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র - অন্নদামঙ্গল (২০১/১)	Do
	2019-20 Sem-III	১.বাংলার সামাজিক সাংস্কৃতিক ইতিহাস - চর্যাপদ (৩০৩/১) ২. চাঁদসদাগর বনাম মনসা (৩০৪/২)	Do
	2019-20 Sem-IV	১. রোমান্টিক নায়িকা - চন্দ্রানী (৪০৩/২) ২. অষ্টাদশ শতকের সমাজ - মহারাষ্ট্রপুরান (৪০৪/১)	Do
	2020-21 Sem-1	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মঙ্গলকাব্য - মনসামঙ্গল (১০১/১)	Do
	2020-21 Sem-II	১.ষোড়শ শতক - চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র - অন্নদামঙ্গল (২০১/১)	Do
	2021-22 Sem-III	১.বাংলার সামাজিক সাংস্কৃতিক ইতিহাস - চর্যাপদ (৩০৩/১) ২. চাঁদসদাগর বনাম মনসা (৩০৪/২)	Do
	2021-22 Sem-IV	১. রোমান্টিক নায়িকা - চন্দ্রানী (৪০৩/২) ২. অষ্টাদশ শতকের সমাজ - মহারাষ্ট্রপুরান (৪০৪/১)	Do
	2022-23 Sem-I	১. চর্যাপদের সাহিত্যমূল্য(১০১/১) ২. প্রথম মঙ্গলকাব্য - মনসামঙ্গল (১০১/১)	Do
	2022-23 Sem-II	১.ষোড়শ শতক - চৈতন্যদেব(২০১/১) ২. কবি ভারতচন্দ্র - অন্নদামঙ্গল (২০১/১)	Do



  
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Summary Sheet of ICT mode of Lecturer of UG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Yadabesh Acharya	2018-19 Sem-III	১. কথাসাহিত্যের পরিচয় ও গোড়ার কথা (CC-5) ২. ঔপন্যাসিক রবীন্দ্রনাথ (CC-5)	PPT & PDF
	2018-19 Sem-IV	১. গনদেবতা উপন্যাসের কাহিনিবিন্যাস(C-9) ২. ঔপন্যাসিক তারাশঙ্কর ও গনদেবতা (CC-9)	Do
	2019-20 Sem-V	১. উপন্যাসের উদ্ভব ও বিকাশ(DSE-2) ২. বঙ্কিম যুগের উপন্যাসের বিষয় ও আঙ্গিক ভাবনা (DSE-2)	Do
	2019-20 Sem-VI	১.সাহিত্যের সংরূপ সংক্রান্ত সাধারণ ধারণা(CC-14) ২. বাংলা কবিতার শ্রেণিবিন্যাস (CC-14)	Do
	2020-21 Sem-III	১. কথাসাহিত্যের পরিচয় ও গোড়ার কথা (CC-5) ২. ঔপন্যাসিক রবীন্দ্রনাথ (CC-5)	Do
	2020-21 Sem-IV	১. গনদেবতা উপন্যাসের কাহিনিবিন্যাস(C-9) ২. ঔপন্যাসিক তারাশঙ্কর ও গনদেবতা (CC-9)	Do
	2021-22 Sem-V	১. উপন্যাসের উদ্ভব ও বিকাশ(DSE-2) ২. বঙ্কিম যুগের উপন্যাসের বিষয় ও আঙ্গিক ভাবনা (DSE-2)	Do
	2021-22 Sem-VI	১.সাহিত্যের সংরূপ সংক্রান্ত সাধারণ ধারণা(CC-14) ২. বাংলা কবিতার শ্রেণিবিন্যাস (CC-14)	Do
	2022-23 Sem-III	১. ছোটগল্পের উদ্ভব-বিকাশ-বৈশিষ্ট্য(CC-5) ২. কথাসাহিত্যিক মানিক বন্দ্যোপাধ্যায় (CC-5)	Do
	2022-23 Sem-V	১. ঔপন্যাসিক স্বর্ণকুমারী দেবী(DSE-2) ২. উনিশ শতকের ছোটগল্পের বিষয় ও আঙ্গিকগত ধারণা (DSE-2)	Do



  
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Summary Sheet of ICT mode of Lecturer of PG

Name of the Faculty	Session	Name of The Topic with Course Code	Mode of Teaching Under ICT Method
Dr. Yadabesh Acharya	2018-19 Sem-I	১. অ্যারিস্টটলের পোয়েটিকস ও অনুকরণতত্ত্ব(১০৫/১) ২. ট্রাজেডির ধারণা (১০৫/১)	PPT & PDF
	2018-19 Sem-II	১. অলঙ্কারতত্ত্বের সাধারণ ধারণা(২০৫/১) ২. ধ্বনিবাদের ধারণা (২০৫/১)	Do
	2019-20 Sem-III	১. নাট্যকার মুনীর চৌধুরী ও কবর(৩০১/২) ২. কবর নাটকের নামকরণ প্রসঙ্গ (৩০১/২)	Do
	2019-20 Sem-IV	১. বাংলা ছন্দতত্ত্বের ধারণা(৪০২/২) ২. অক্ষরবৃত্ত ছন্দ ও তার বিভিন্ন রূপ (৪০২/২)	Do
	2020-21 Sem-I	১. উপন্যাস-ছোটগল্পের আঙ্গিকগত ধারণা (১০৫/১) ২. উপন্যাসে সময়বিন্যাস(১০৫/১)	Do
	2020-21 Sem-II	১. রসতত্ত্বের ধারণা(২০৫/১) ২. যাদুবাস্তবতা (২০৫/১)	Do
	2021-22 Sem-III	১. টিনের তলোয়ার নাটকের কাহিনি বিন্যাস (৩০২/২) ২. বেনীমাধব চরিত্র (৩০২/২)	Do
	2021-22 Sem-IV	১. গবেষণার নির্ঘন্ট নির্মাণ (৪০২/২) ২. গবেষণা সন্দর্ভের গ্রন্থপঞ্জি নির্মাণ (৪০২/২)	Do
	2022-23 Sem-I	১. ট্রাজেডির ধারণা (১০৫/১) ২. উপন্যাসে সময়বিন্যাস(১০৫/১)	Do
	2022-23 Sem-II	১. অলঙ্কারতত্ত্বের সাধারণ ধারণা(২০৫/১) ১. রসতত্ত্বের ধারণা(২০৫/১)	Do



  
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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ HJhbmF0aGNpbmVtY Q%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ HJhbmF0aGNpbmVtY Q%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শব্দ মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

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Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।‘চিত্রা’ কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। ‘গোরা’ উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।‘গোরা’ চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUUI13JhYmluZHUhbmlF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUUI13JhYmluZHUhbmlF0aGNpbmVtYQ%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শব্দ মিত্র, প্রযোজনা-বহরুপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

  
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MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।'চিত্রা' কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। 'গোরা' উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।'গোরা' চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZHUhbmf0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZHUhbmf0aGNpbmVtYQ%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শত্ৰু মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
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		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

  
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MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।‘চিত্রা’ কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। ‘গোরা’ উপন্যাসের আত্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।‘গোরা’ চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ HJhbmF0aGNpbmVtY Q%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUTI3JhYmluZ HJhbmF0aGNpbmVtY Q%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Asthetics,Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা-শম্ভু মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZpQ">https://www.youtube.com/watch?v=vb7Y7LoGZpQ</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

  
**Head**  
Department of Bengali  
Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA**  
DEPARTMENT OF BENGALI(U.G & P.G)  
SESSION-2019-2020  
CLASS-U.G

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১। বৈষ্ণব পদাবলীর যুগ বিভাগ ও রস পর্যায়ের শ্রেণী বিভাগ- বৃক্ষচিত্র ও রেখা চিত্র	CC-1 (History of Bengali Literature Old & Medieval era)	PPT
		২। মঙ্গলকাব্য গুলির পরিচয় রচনাকাল অনুযায়ী- রেখাচিত্র	CC-1 (History of Bengali Literature Old & Medieval era)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। শাক্ত পদাবলী'র ভক্তের আকৃতি পর্যায়ের পদগুলির Audio শ্রবণ	CC-3 (Boishnav Padaboli O Shakto-Podaboli)	Audio Link
MR. KRISHNA PADA PAL	SEM -III	১। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা নাটকের শ্রেণীবিভাগ	CC-5 (History of Bengali Literature-1801 to 1950)	PPT
		২। বাল্মীকি প্রতিভা নাটক শ্রবণ ও দর্শন	CC-5 (History of Bengali Literature-1801 to 1950)	Youtube Audio-Video link-
MR. KRISHNA PADA PAL	SEM -IV	১। শারদোৎসব নাটকে গানের ভূমিকাঃ দৃশ্য ও চরিত্র অনুযায়ী- রেখাচিত্রের মাধ্যমে	CC-10 (Drama)	PPT
		২। শারদোৎসব নাটক শ্রবণ ও দর্শন	CC-10 (Drama)	Youtube Audio-Video link
MR. KRISHNA PADA PAL	SEM -V	১। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা নাটকের শ্রেণীবিভাগ	DSE-2 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। বিষয়-আঙ্গিক-ভাবগত দিক থেকে বাংলা উপন্যাসের শ্রেণীবিভাগ	DSE-1A (History of Bengali Literature 19 <sup>th</sup> Century)	Youtube Audio-Video link

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT, PDF, Video, Lecturer etc.)
MR. KRISHNA PADA PAL	SEM -I	১।মেঘনাদবধ কাব্যের সর্গ অনুযায়ী সময় ও স্থান বিন্যাস	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।‘চিত্রা’ কাব্যের তথ্যভিত্তিক পাঠ ও কবিতাগুলির শ্রেণী বিভাগ	MABENG/103/1 (Tagore's & his contemporary Poetry)	PPT
MR. KRISHNA PADA PAL	SEM -II	১। ‘গোরা’ উপন্যাসের ব্রাহ্মধর্মের বিবর্তনঃ- বৃক্ষচিত্রের মাধ্যমে	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	PPT
		২।‘গোরা’ চলচ্চিত্রের প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	Youtube video link <a href="https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUT13JhYmluZ-HJhbmF0aGNpbmVtYQ%3D%3D">https://m.youtube.com/watch?v=i4P7axYt0GQ&amp;pp=ygUT13JhYmluZ-HJhbmF0aGNpbmVtYQ%3D%3D</a>
		৩।নারীবাদ(Feminism) এর তরঙ্গগুলির পরিচয়ঃ- তথ্যভিত্তিক	MABENG/205/1 (Asthetics, Critical Theory & Essay-Literature)	PPT
MR. KRISHNA PADA PAL	SEM -III	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/301/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। রক্তকরবী নাটক শ্রবণ, নির্দেশনা- শম্ভু মিত্র, প্রযোজনা-বহুরূপী	MABENG/302/1 (Bengali Fiction & Drama)	Youtube Audio-Video link- <a href="https://www.youtube.com/watch?v=vb7Y7LoGZp">https://www.youtube.com/watch?v=vb7Y7LoGZp</a>
MR. KRISHNA PADA PAL	SEM -IV	১।আধুনিক বাংলা সাহিত্যের ইতিহাস বিষয়গত শ্রেণী বিভাগ বৃক্ষচিত্রের মাধ্যমে	MABENG/401/1 (History of Bengali Literature 19 <sup>th</sup> Century)	PPT
		২। কালান্তরঃ-প্রবন্ধগুলির শ্রেণীবিভাগ ও বিষয় ভাবনা রেখাচিত্রের মাধ্যমে	MABENG/401/2 (Essays of Tagore)	Youtube Audio-Video link

Co-ordinator

IOAC

Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman

Head

Department of Bengali  
Gushkara Mahavidyalaya

Principal  
Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2021-22**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১।উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২।'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩।আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১।বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2020-21**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১।উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২। 'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩।আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Asthetics,Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১।বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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Gushkara Mahavidyalaya

**GUSHKARA MAHAVIDYALAYA**  
**DEPARTMENT OF BENGALI**

**PG - 2019-20**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১।উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২।'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩।আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Aesthetics,Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১।বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
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**GUSHKARA MAHAVIDYALAYA**  
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**PG - 2022-23**

Name of the Faculty	Semester	Name of the Topic	Course Code	Mode of Teaching under ICT method (PPT,PDF,Video, Lecturer etc.)
MRS. DHRITI DUTTA	SEM -I	১।উনিশ শতকের গীতিকবিতার শ্রেণী বিভাগ-ছকের মাধ্যমে	MABENG/102/2 (Poetry of 19 <sup>th</sup> Century)	PPT
		২।বাংলা প্রবন্ধগুলির শ্রেণী বিভাগ ও বিষয় বৈচিত্র্য	MABENG/105/2	PPT
MRS. DHRITI DUTTA	SEM -II	১। রবীন্দ্র-গল্পগুচ্ছের নির্বাচিত গল্পগুলির চলচ্চিত্র প্রদর্শন	MABENG/203/1 (Tagore's Fiction & Modern Short-stories)	CD/Yoube video link
		২।'লিপিকা'র গল্পগুলির তথ্যভিত্তিক পাঠ ও শ্রেণীবিভাগ	MABENG/203/2 (Tagore's Fiction & Modern Short-stories)	PPT
		৩।আধুনিক বাংলা প্রবন্ধের বিষয়গত বিভাজন ও তথ্যভিত্তিক পাঠ	MABENG/205/2 (Asthetics,Critical Theory & Essay-Literature)	PPT
MRS. DHRITI DUTTA	SEM -III	১।বিসর্জন নাটকের প্রদর্শন	MABENG/302/1 (Drama)	CD/Yoube video link
		২। চাঁদ বণিকের পালা নাটকের প্রদর্শন	MABENG/302/2	CD/Yoube video link
MRS. DHRITI DUTTA	SEM -IV	১। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির শ্রেণীবিভাগ	MABENG/401/2	PPT
		২। সাহিত্যের পথে প্রবন্ধের প্রবন্ধগুলির তথ্যভিত্তিক পাঠ	MABENG/402/2	PPT

  
**P. Anipal**  
Gushkara Mahavidyalaya

  
Gushkara Mahavidyalaya  
I O A C  
Co-ordinator

  
Gushkara Mahavidyalaya



Department Of Bengali

Summary Sheet Of ICT Mode Of Lecture Of Dept Of Bengali

Name of the faculty – BISWANATH DAWN

Session Name of the Topi with course code Mode of Teaching Under ICT method PPT & Pdf

UG  
2018 - 2019  
Sem-1 GE 1 ১। বঙ্কিমচন্দ্রের প্রবন্ধ বিভাগ

২। বঙ্কিমচন্দ্রের প্রবন্ধ মনুষ্যফল

Sem-2 GE-2 ১। শরৎচন্দ্র চট্টোপাধ্যায়ের গল্প অজসীর স্বর্গ

2/ প্রজ্ঞাত মুখোপাধ্যায়ের জিয়ারী মাহেব

2019 - 2020  
Sem -2 cc-1B ১। শরৎচন্দ্রের গল্প মাহেশ

Sem 2 L 2 ১. অরামচন্দ্র বন্দোপাধ্যায়ের গল্প অরিনী মাঝি

২. প্রজ্ঞাতকুমার মুখোপাধ্যায়ের গল্প-আদরিনী

2020 - 2021  
Sem-3 CC1c ১. বাংলা সাহিত্যে চর্যাপদ

২. বাংলা গদ্যের জনক বিদ্যাসাগর

Sem-3 CC7 (Honours) ১. গীতিকবিতা হিসাবে সারদামঙ্গল

2021 - 2022  
Sem-4 L 2 ১. নজরুলের কবিতা আমার কেফিয়াৎ

২. দিনেশ দাশের কবিতা- কাল্পে

Sem-4 SEC -2 ১. প্রতিবেদন রচনা

2022 - 2023  
Sem-5 DSE 1 A -১. উদ্যোগিক বঙ্কিমচন্দ্র

Sem-6 DSE 1 B ১. নাট্যকার মধুসূদন দত্ত

২. নাট্যকার দীনবন্ধু মিত্র

PG  
2019 - 2020  
SEM-1 102/1 প্রাচীন ও মধ্যযুগের বাংলা কবিতা -চর্যচর্যবিশিষ্ট

১. বাংলা সাহিত্য চর্যাপদের শুরু

2020-2021

SEM-2 204/1 নাটক

১.দীনবন্ধু মিশ্রের -সধবার একাদশী

204/2 উপন্যাস

১.অরামাধিকার বন্দোপাধ্যায়ের ধাত্রীদেবতা উপন্যাসে আঞ্চলিকতা

2021-2022

SEM-3 প্রাচীন ও মধ্যযুগের বাংলা সাহিত্য ও সংস্কৃতি

শ্রীরাম পাঁচালী

১.কৃষ্ণবাসী রামায়ণের বাঙালীয়ানা

304/2 মধ্যযুগের বাংলা সাহিত্য

১.জীবনী সাহিত্যের ধারায় অয়ানন্দের চৈতন্যমঙ্গল

2022-2023

SEM-4 403/1 বৈষ্ণব পদাবলী

১.বৈষ্ণব পদাবলী ও কবি চণ্ডীদাস

2/পদকর্তা বিদ্যাপতি

  
Principal  
Gushkara Mahavidyalaya

  
Co-ordinator  
IOAC  
Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman

  
Head  
Department of Bengali  
Gushkara Mahavidyalaya

Department of Bengali  
ABDUL HANNAN KHAN.

UG Sem :- 1 . Paper :- CC -2 (2018-2019)

১) ছন্দের মাত্রা এবং উপকরণ

২) ধরবৃত্ত ছন্দের বৈশিষ্ট্য

Sem :- 2 . Paper :- CC :- 3 (2019-2020)

১) শাক্তপদাবলীর সামাজিক প্রেক্ষাপট

২) শাক্তপদাবলীর কবি পরিচয়

Sem :- 3 . Paper :- CC :- 6 (2020-2021)

১) বাংলা উপজাতির শ্রেণি বিভাগ

২) মৌলিক স্বরধ্বনির শ্রেণি বিন্যাস

Sem :- 4 . Paper :- GE :- 4 (2021-2022)

১) বাংলা উপজাতির শ্রেণি বিন্যাস

২) বাংলা শব্দভাণ্ডার

Sem :- 5 . CC :- 12 (2022-2023)

১) বাংলা ব্রতের শ্রেণি বিভাগ

২) পারিবারিক নারী সমস্যা

Sem :- 6 . DSE :- 4 (2022-2023)

১) প্রবন্ধের শ্রেণি বিন্যাস

২) ঝোঁকসংস্কৃতির বৈশিষ্ট্য

PG :- Sem :- 1 . Paper :- 101/2 (2019-2020)

১) মৌলিক স্বরধ্বনি

২) ধ্বনি পরিবর্তন

Sem :- 2 . Paper :- 201/2 (2020-2021)

১) বাক্যের শ্রেণি বিভাগ

২) সংবর্তনী মঙ্গলননী

Sem :- 3 . Paper :- 304/1 (2021-2022)

১) বাংলা পুথির শ্রেণি বিভাগ

২) পুথি সংরক্ষণ

Sem :- 4 . Paper :- 404/1 (2022-2023)

১) পাঁচালী গানের বৈশিষ্ট্য

২) কীর্তন সামাজিক প্রেক্ষাপট

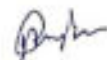


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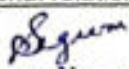
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Gushkara Mahavidyalaya**

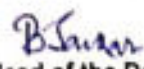
Summary sheet of ICT mode of Learning of Department of Chemistry

(2022-23)

Name of Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. Bhola Nath Sarkar	II	Acid-base neutralization curves and choice of indicators. (CC3; Unit-3)	PPT
		Influence of complex-formation, precipitation and change of pH on redox potentials. (CC3; Unit-4)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials (CC3; Unit-4)	PPT
		Latimer and Frost Diagram (CC3; Unit-4)	PPT
	III	Hydrogen bonding (theories of hydrogen bonding, valence bond treatment). (CC6; Unit-2)	PPT
		Nuclear fission and fusion reaction. (CC6; Unit-3)	PPT
		Nuclear fission and fusion reaction (CC6; Unit-3)	PPT
	IV	Radio carbon dating (CC6; Unit-3)	PPT
		Ellingham diagrams for reduction of metal oxides using carbon and carbon monoxide as reducing agent (CC9; Unit-1)	PPT
		Hydrometallurgy (CC9; Unit-1)	PPT
		Classification of ligands in Coordination Chemistry (CC9, Unit-5)	PPT
		Isomerism in coordination compounds (CC9, Unit-5)	PPT
	V	Colour of coordination compounds (CC11, Unit-1)	PPT
		Orgel diagrams for 3d1 to 3d9 ions (CC11, Unit-1)	PPT
		Spectrochemical series of ligands (CC11, Unit-1)	PPT
		Errors, accuracy and precision in quantitative analysis (DSE2, Unit-1)	PPT
		Flame emission spectroscopy (DSE2, Unit-2)	PPT
		Atomic absorption spectroscopy (DSE2, Unit-2)	PPT
	VI	Zeise's salt (CC13, Unit-2)	PPT
		Reaction of organometallic complexes: oxidative addition and reductive elimination reactions (CC13, Unit-2)	PPT
		Trans effect: theories and its applications in complex synthesis (CC13, Unit-4)	PPT
Thermodynamic and kinetic Stability (CC13, Unit-4)		PPT	
Atomic spectrum of hydrogen atom (CC3; Unit-1)		PPT	
Dr. Piale Roy	II	Ionization potential and electronegativity (CC3; Unit-2)	PPT
		VSEPR theory (CC6; Unit-1)	PPT
	III	Fazan's rules (CC6; Unit-1)	PPT
		Nuclear stability and nuclear binding energy (CC6; Unit-3)	PPT
		Paper Chromatography (SEC-1 ; Unit-5)	PPT
		Column Chromatography (SEC-1 ; Unit-6)	PPT
		Diagonal relationship (CC9; Unit-2)	PPT
	IV		

  
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**Head of the Department**  
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Diptiman De		Structure, bonding, preparation, properties and uses of Boric acid, Boron nitrides, Borohydrides(diborane) (CC9; Unit-2)	PPT	
		Preparation, structures (VSEPR theory) and properties of XeF <sub>2</sub> , XeF <sub>4</sub> and XeF <sub>6</sub> (CC9, Unit-3)	PPT	
		Synthesis, structural aspects and applications of Silicones and Borazines (CC9, Unit-4)	PPT	
	V	Transition Elements: electronic configuration, oxidation states, redox properties, coordination chemistry (CC11, Unit-2)	PPT	
		Lanthanide contraction (CC11, Unit-3)	PPT	
		Thermogravimetry (TG) (DSE2, Unit-3)	PPT	
		UV-Visible Spectrophotometry: Basic principles of instrumentation (DSE2, Unit-2)	PPT	
		Qualitative and quantitative aspects of chromatographic methods of analysis: TLC (DSE2, Unit-5)	PPT	
	VI	Oxygen transport in biological systems: Haemoglobin, Myoglobin (CC13, Unit-1)	PPT	
		Na <sup>+</sup> /K <sup>+</sup> -ion pump (CC13, Unit-1)	PPT	
		Photosynthesis (CC13, Unit-1)	PPT	
		Hydroformylation (CC13, Unit-3)	PPT	
		Wacker Process (CC13, Unit-3)	PPT	
		Alkene hydrogenation (Wilkinson's Catalyst) (CC13, Unit-3)	PPT	
	I	I	Concept of Chirality and symmetry	PPT
			Relative and Absolute Configuration	PPT
			Electronic displacements(CC-1, Unit- 1)	PPT
			Optical activity of chiral compounds(CC-1, Unit- 3)	PPT
II		Chirality arising out of stereoaxis, atropisomerism	PPT	
		Tautomerism	PPT	
		NGP reaction	PPT	
III		Tautomerism (CC-4, Unit-2)	PPT	
		Aromatic Substitution	PPT	
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)	PPT	
IV		Substitution at sp <sup>2</sup> carbon (C=O system) (CC-7, Unit-3)	PPT	
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)(CC-7, Unit-4)	PPT	
		IR spectroscopy	PPT& PDF	
		NMR spectroscopy	PPT& PDF	
		NMR spectroscopy(CC-10, Unit- 4)	PPT& PDF	
	Applications of IR, UV and NMR spectroscopy for identification of simple organic molecules.(CC-10, Unit- 4)	PPT & PDF		
	V	Cycloaddition Reactions	PPT& PDF	
Sigmatropic Reactions		PPT& PDF		
Carbohydrates (CC-12, Unit- 4)		PPT & PDF		
Amino acid and protein (CC-12, Unit- 5)		PPT & PDF		
I	I	Maxwell's distribution of speed. (CC-2; Unit-1)	PPT	
		Carnot theorem, Carnot cycle and Carnot engine. (CC-2; Unit-2)	PPT	
		Maxwell's relations. (CC-2; Unit-2)	PPT	

  
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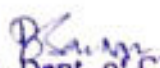
  
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Sk Saifuddin		Transition state theory. (CC-2; Unit-3)	PPT
	III	Conductometric titration (CC-5; Unit-1)	PPT
		Particle in 1-D box. (CC-5; Unit-3)	PPT
		Nernst distribution law. (CC-5; Unit-2)	PPT
		Determination of Transport number. (CC-5; Unit-2)	PPT
	IV	Potentiometric titration. (CC-8; Unit-2)	PPT
		Angular momentum. (CC-8; Unit-3)	PPT
		First order phase transition. (CC-8; Unit-1)	PPT
		Debye-Huckel limiting law. (CC-8; Unit-2)	PPT
	V	Packing of uniform hard spheres and close packed arrangements (ccp, hcp). (DSE-1; Unit-1)	PPT
		Boltzmann distribution. (DSE-1; Unit-2)	PPT
		Bragg's law of diffraction. (DSE-1; Unit-1)	PPT
		Einstein's theory of Perfect crystal model. (DSE-1; Unit-3)	PPT
	VI	Jablonski diagram. (CC-14; Unit-2)	PPT
		Freundlich and Langmuir adsorption isotherms. (CC-14; Unit-3)	PPT
		Rotational spectroscopy. (CC-14; Unit-1)	PPT
		Lambert-Beer's law. (CC-14; Unit-2)	PPT
		Mechanism and Kinetics of Copolymerization. (DSE-3; Unit-3)	PPT
		Determination of molecular weight of polymers by Viscometry and Osmotic pressure method. (DSE-3; Unit-4)	PPT
		Mechanism and kinetics of Condensation polymerization. (DSE-3; Unit-3)	PPT
Phenol-formaldehyde resins. (DSE-3; Unit-7)		PPT	

  
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
  
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(2021-22)

Name of Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. Bhola Nath Sarkar	II	Acid-base neutralization curves and choice of indicators. (CC3; Unit-3)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials. (CC3; Unit-4)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials (CC3; Unit-4)	PPT
		Latimer and Frost Diagram (CC3; Unit-4)	PPT
	III	Hydrogen bonding (theories of hydrogen bonding, valence bond treatment) (CC6; Unit-2)	PPT
		Nuclear fission and fusion reaction. (CC6; Unit-3)	PPT
		Nuclear fission and fusion reaction (CC6; Unit-3)	PPT
	IV	Radio carbon dating (CC6, Unit-3)	PPT
		Ellingham diagrams for reduction of metal oxides using carbon and carbon monoxide as reducing agent (CC9; Unit-1)	PPT
		Hydrometallurgy (CC9; Unit-1)	PPT
		Classification of ligands in Coordination Chemistry (CC9, Unit-5)	PPT
		Isomerism in coordination compounds (CC9, Unit-5)	PPT
	V	Colour of coordination compounds (CC11, Unit-1)	PPT
		Orgel diagrams for 3d1 to 3d9 ions (CC11, Unit-1)	PPT
		Spectrochemical series of ligands (CC11, Unit-1)	PPT
		Errors, accuracy and precision in quantitative analysis (DSE2, Unit-1)	PPT
		Flame emission spectroscopy (DSE2, Unit-2)	PPT
		Atomic absorption spectroscopy (DSE2, Unit-2)	PPT
	VI	Zeise's salt (CC13, Unit-2)	PPT
		Reaction of organometallic complexes: oxidative addition and reductive elimination reactions (CC13, Unit-2)	PPT
Trans effect: theories and its applications in complex synthesis (CC13, Unit-4)		PPT	
Thermodynamic and kinetic Stability (CC13, Unit-4)		PPT	
Dr. Piale Roy	II	Atomic spectrum of hydrogen atom (CC3; Unit-1)	PPT
		Ionization potential and electronegativity (CC3; Unit-2)	PPT
	III	VSEPR theory (CC6; Unit-1)	PPT
		Fazan's rules (CC6; Unit-1)	PPT
		Nuclear stability and nuclear binding energy (CC6; Unit-3)	PPT
		Paper Chromatography (SEC-1 ; Unit-5)	PPT
	Column Chromatography (SEC-1 ; Unit-6)	PPT	
	IV	Diagonal relationship (CC9; Unit-2)	PPT
		Structure, bonding, preparation, properties and uses of Boric acid, Boron nitrides, Borohydrides(diborane) (CC9; Unit-2)	PPT
		Preparation, structures (VSEPR theory) and properties of XeF <sub>2</sub> , XeF <sub>4</sub> and XeF <sub>6</sub> (CC9, Unit-3)	PPT
Synthesis, structural aspects and applications of Silicones and Borazines (CC9, Unit-4)		PPT	

  
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Diptiman De	V	Transition Elements: electronic configuration, oxidation states, redox properties, coordination chemistry (CC11, Unit-2)	PPT
		Lanthanide contraction (CC11, Unit-3)	PPT
		Thermogravimetry (TG) (DSE2, Unit-3)	PPT
		UV-Visible Spectrophotometry: Basic principles of instrumentation (DSE2, Unit-2)	PPT
		Qualitative and quantitative aspects of chromatographic methods of analysis: TLC (DSE2, Unit-5)	PPT
	VI	Oxygen transport in biological systems: Haemoglobin, Myoglobin (CC13, Unit-1)	PPT
		Na <sup>+</sup> /K <sup>+</sup> -ion pump (CC13, Unit-1)	PPT
		Photosynthesis (CC13, Unit-1)	PPT
		Hydroformylation (CC13, Unit-3)	PPT
		Wacker Process (CC13, Unit-3)	PPT
		Alkene hydrogenation (Wilkinson's Catalyst) (CC13, Unit-3)	PPT
	Diptiman De	I	Concept of Chirality and symmetry
Relative and Absolute Configuration			PPT
Electronic displacements(CC-1, Unit- 1)			PPT
Optical activity of chiral compounds(CC-1, Unit- 3)			PPT
II		Chirality arising out of stereoaxis, atropisomerism	PPT
		Tautomerism	PPT
		NGP reaction	PPT
III		Tautomerism (CC-4, Unit-2)	PPT
		Aromatic Substitution	PPT
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)	PPT
		Substitution at sp <sup>2</sup> carbon (C=O system) (CC-7, Unit-3)	PPT
IV		Organometallics (Grignard reagent, organolithium, Gilman cuprates)(CC-7, Unit-4)	PPT
		IR spectroscopy	PPT& PDF
		NMR spectroscopy	PPT& PDF
		NMR spectroscopy(CC-10, Unit-4)	PPT& PDF
		Applications of IR, UV and NMR spectroscopy for identification of simple organic molecules.(CC-10, Unit- 4)	PPT & PDF
V		Cycloaddition Reactions	PPT& PDF
		Sigmatropic Reactions	PPT& PDF
	Carbohydrates (CC-12, Unit- 4)	PPT & PDF	
	Amino acid and protein (CC-12, Unit- 5)	PPT & PDF	
Sk Saifuddin	I	Maxwell's distribution of speed. (CC-2; Unit-1)	PPT
		Carnot theorem, Carnot cycle and Carnot engine. (CC-2; Unit-2)	PPT
		Maxwell's relations. (CC-2; Unit-2)	PPT
		Transition state theory. (CC-2; Unit-3)	PPT
	III	Conductometric titration (CC-5; Unit-1)	PPT
		Particle in 1-D box. (CC-5; Unit-3)	PPT
		Nernst distribution law. (CC-5; Unit-2)	PPT
		Determination of Transport number. (CC-5; Unit-2)	PPT
		Potentiometric titration. (CC-8; Unit-2)	PPT
		Potentiometric titration. (CC-8; Unit-2)	PPT

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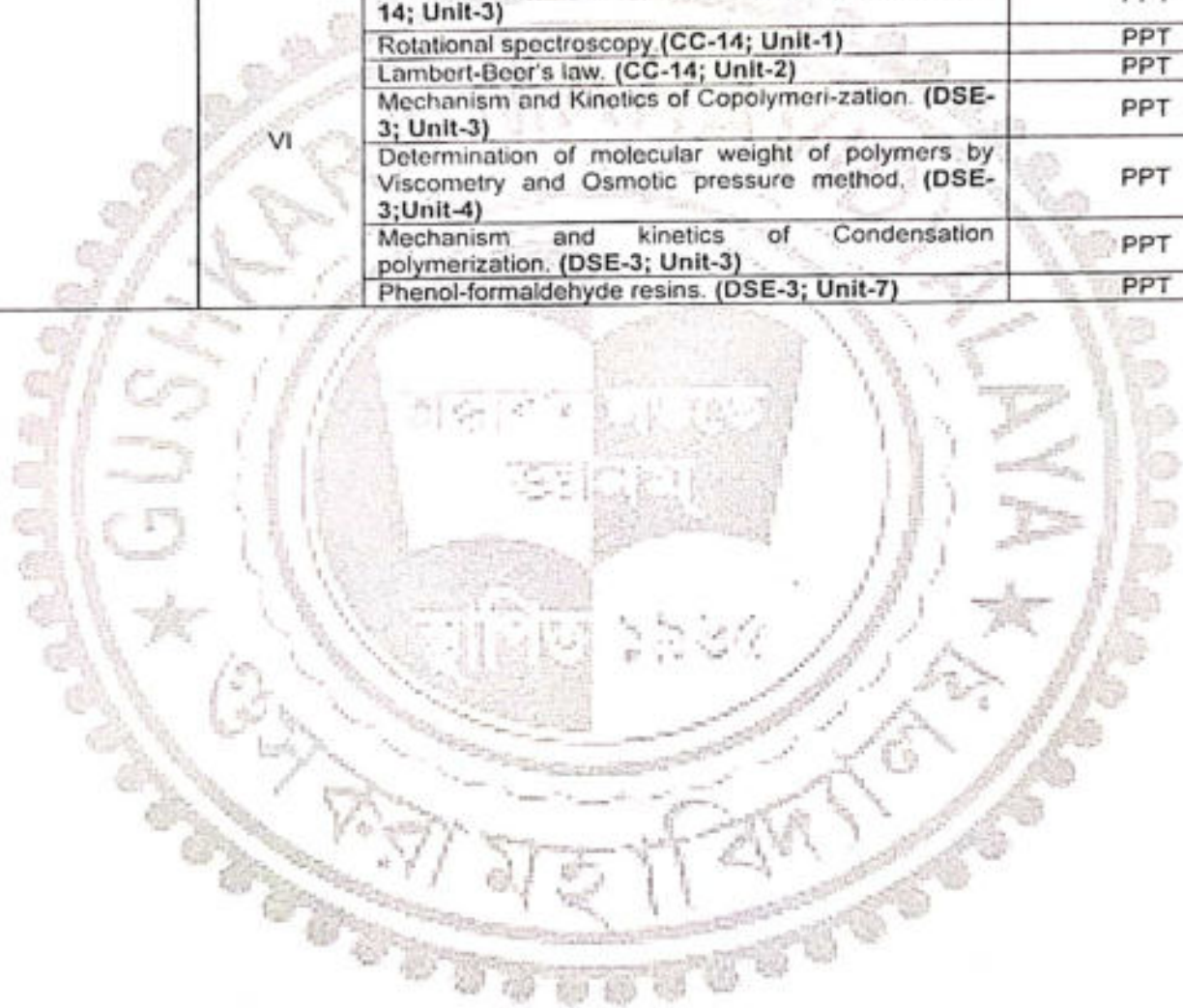
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Head of the Department  
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		Angular momentum. (CC-8; Unit-3)	PPT
		First order phase transition. (CC-8; Unit-1)	PPT
		Debye-Huckel limiting law. (CC-8; Unit-2)	PPT
	V	Packing of uniform hard spheres and close packed arrangements ( <i>ccp, hcp</i> ). (DSE-1; Unit-1)	PPT
		Boltzmann distribution. (DSE-1; Unit-2)	PPT
		Bragg's law of diffraction. (DSE-1; Unit-1)	PPT
		Einstein's theory of Perfect crystal model. (DSE-1; Unit-3)	PPT
	VI	Jablonski diagram.(CC-14; Unit-2)	PPT
		Freundlich and Langmuir adsorption isotherms. (CC-14; Unit-3)	PPT
		Rotational spectroscopy (CC-14; Unit-1)	PPT
		Lambert-Beer's law. (CC-14; Unit-2)	PPT
		Mechanism and Kinetics of Copolymerization. (DSE-3; Unit-3)	PPT
		Determination of molecular weight of polymers by Viscometry and Osmotic pressure method. (DSE-3; Unit-4)	PPT
		Mechanism and kinetics of Condensation polymerization. (DSE-3; Unit-3)	PPT
		Phenol-formaldehyde resins. (DSE-3; Unit-7)	PPT




  
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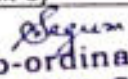
  
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(2020-21)

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Dr. Bhola Nath Sarkar	II	Acid-base neutralization curves and choice of indicators. (CC3; Unit-3)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials. (CC3; Unit-4)	PPT
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		Latimer and Frost Diagram (CC3; Unit-4)	PPT
	III	Hydrogen bonding (theories of hydrogen bonding, valence bond treatment). (CC6; Unit-2)	PPT
		Nuclear fission and fusion reaction. (CC6; Unit-3)	PPT
		Nuclear fission and fusion reaction (CC6; Unit-3)	PPT
		Radio carbon dating (CC6; Unit-3)	PPT
	IV	Ellingham diagrams for reduction of metal oxides using carbon and carbon monoxide as reducing agent (CC9; Unit-1)	PPT
		Hydrometallurgy (CC9; Unit-1)	PPT
		Classification of ligands in Coordination Chemistry (CC9, Unit-5)	PPT
		Isomerism in coordination compounds (CC9, Unit-5)	PPT
	V	Colour of coordination compounds (CC11, Unit-1)	PPT
		Orgel diagrams for 3d1 to 3d9 ions (CC11, Unit-1)	PPT
		Spectrochemical series of ligands (CC11, Unit-1)	PPT
		Errors, accuracy and precision in quantitative analysis (DSE2, Unit-1)	PPT
		Flame emission spectroscopy (DSE2, Unit-2)	PPT
		Atomic absorption spectroscopy (DSE2, Unit-2)	PPT
	VI	Zeise's salt (CC13, Unit-2)	PPT
		Reaction of organometallic complexes; oxidative addition and reductive elimination reactions (CC13, Unit-2)	PPT
		Trans effect: theories and its applications in complex synthesis (CC13, Unit-4)	PPT
Thermodynamic and kinetic Stability (CC13, Unit-4)		PPT	
Diptiman De	I	Concept of Chirality and symmetry	PPT
		Relative and Absolute Configuration	PPT
		Electronic displacements (CC-1, Unit-1)	PPT
		Optical activity of chiral compounds (CC-1, Unit-3)	PPT
	II	Chirality arising out of stereoaxis, atropisomerism	PPT
		Tautomerism	PPT
		NGP reaction	PPT
	III	Tautomerism (CC-4, Unit-2)	PPT
		Aromatic Substitution	PPT
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)	PPT
Substitution at sp <sup>2</sup> carbon (C=O system) (CC-7, Unit-3)	PPT		

  
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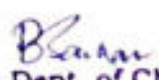
  
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		Organometallics (Grignard reagent, organolithium, Gilman cuprates)(CC-7, Unit-4)	PPT
	IV	IR spectroscopy	PPT& PDF
		NMR spectroscopy	PPT& PDF
		NMR spectroscopy(CC-10, Unit- 4)	PPT& PDF
		Applications of IR, UV and NMR spectroscopy for identification of simple organic molecules.(CC-10, Unit- 4)	PPT & PDF
	V	Cycloaddition Reactions	PPT& PDF
		Sigmatropic Reactions	PPT& PDF
		Carbohydrates (CC-12, Unit- 4)	PPT & PDF
Amino acid and protein (CC-12, Unit- 5)		PPT & PDF	
Sk Saifuddin	I	Maxwell's distribution of speed. (CC-2; Unit-1)	PPT
		Carnot theorem, Carnot cycle and Carnot engine. (CC-2; Unit-2)	PPT
		Maxwell's relations. (CC-2; Unit-2)	PPT
		Transition state theory. (CC-2; Unit-3)	PPT
	III	Conductometric titration (CC-5; Unit-1)	PPT
		Particle in 1-D box. (CC-5; Unit-3)	PPT
		Nernst distribution law. (CC-5; Unit-2)	PPT
		Determination of Transport number. (CC-5; Unit-2)	PPT
	IV	Potentiometric titration. (CC-8; Unit-2)	PPT
		Angular momentum. (CC-8; Unit-3)	PPT
		First order phase transition. (CC-8; Unit-1)	PPT
		Debye-Huckel limiting law. (CC-8; Unit-2)	PPT
	V	Packing of uniform hard spheres and close packed arrangements ( <i>ccp</i> , <i>hcp</i> ). (DSE-1; Unit-1)	PPT
		Boltzmann distribution. (DSE-1; Unit-2)	PPT
		Bragg's law of diffraction. (DSE-1; Unit-1)	PPT
		Einstein's theory of Perfect crystal model. (DSE-1; Unit-3)	PPT
	VI	Jablonski diagram.(CC-14; Unit-2)	PPT
		Freundlich and Langmuir adsorption isotherms. (CC-14; Unit-3)	PPT
		Rotational spectroscopy (CC-14; Unit-1)	PPT
		Lambert-Beer's law. (CC-14; Unit-2)	PPT
		Mechanism and Kinetics of Copolymerization. (DSE-3; Unit-3)	PPT
		Determination of molecular weight of polymers by Viscometry and Osmotic pressure method. (DSE-3; Unit-4)	PPT
		Mechanism and kinetics of Condensation polymerization. (DSE-3; Unit-3)	PPT
		Phenol-formaldehyde resins. (DSE-3; Unit-7)	PPT


  
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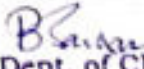
  
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(2019-20)

Name of Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. Bholu Nath Sarkar	II	Acid-base neutralization curves and choice of indicators. (CC3; Unit-3)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials. (CC3; Unit-4)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials (CC3, Unit-4)	PPT
		Latimer and Frost Diagram (CC3; Unit-4)	PPT
	III	Hydrogen bonding (theories of hydrogen bonding, valence bond treatment). (CC6; Unit-2)	PPT
		Nuclear fission and fusion reaction. (CC6; Unit-3)	PPT
		Nuclear fission and fusion reaction (CC6; Unit-3)	PPT
		Radio carbon dating (CC6; Unit-3)	PPT
	IV	Ellingham diagrams for reduction of metal oxides using carbon and carbon monoxide as reducing agent (CC9; Unit-1)	PPT
		Hydrometallurgy (CC9; Unit-1)	PPT
		Classification of ligands in Coordination Chemistry (CC9, Unit-5)	PPT
		Isomerism in coordination compounds (CC9, Unit-5)	PPT
	V	Colour of coordination compounds (CC11, Unit-1)	PPT
		Orgel diagrams for $3d^1$ to $3d^9$ ions (CC11, Unit-1)	PPT
		Spectrochemical series of ligands (CC11, Unit-1)	PPT
		Errors, accuracy and precision in quantitative analysis (DSE2, Unit-1)	PPT
		Flame emission spectroscopy (DSE2, Unit-2)	PPT
		Atomic absorption spectroscopy (DSE2, Unit-2)	PPT
	VI	Zeise's salt (CC13, Unit-2)	PPT
		Reaction of organometallic complexes; oxidative addition and reductive elimination reactions (CC13, Unit-2)	PPT
Trans effect: theories and its applications in complex synthesis (CC13, Unit-4)		PPT	
Thermodynamic and kinetic Stability (CC13, Unit-4)		PPT	
Concept of Chirality and symmetry		PPT	
Diptiman De	I	Relative and Absolute Configuration	PPT
		Electronic displacements (CC-1, Unit-1)	PPT
		Optical activity of chiral compounds (CC-1, Unit-3)	PPT
		Chirality arising out of stereocaxis, atropisomerism	PPT
	II	Tautomerism	PPT
		NGP reaction	PPT
		Tautomerism (CC-4, Unit-2)	PPT
	III	Aromatic Substitution	PPT
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)	PPT
		Substitution at $sp^2$ carbon (C=O system) (CC-7, Unit-3)	PPT

  
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Head of the Department  
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	IV	Organometallics (Grignard reagent, organolithium, Gilman cuprates)(CC-7, Unit-4)	PPT
		IR spectroscopy	PPT& PDF
		NMR spectroscopy	PPT& PDF
		NMR spectroscopy(CC-10, Unit- 4)	PPT& PDF
		Applications of IR, UV and NMR spectroscopy for identification of simple organic molecules.(CC-10, Unit- 4)	PPT & PDF
	V	Cycloaddition Reactions	PPT& PDF
		Sigmatropic Reactions	PPT& PDF
		Carbohydrates (CC-12, Unit- 4)	PPT & PDF
		Amino acid and protein (CC-12, Unit- 5)	PPT & PDF
	Sk Saifuddin	I	Maxwell's distribution of speed. (CC-2; Unit-1)
Carnot theorem, Carnot cycle and Carnot engine. (CC-2; Unit-2)			PPT
Maxwell's relations. (CC-2; Unit-2)			PPT
Transition state theory. (CC-2; Unit-3)			PPT
III		Conductometric titration.(CC-5; Unit-1)	PPT
		Particle in 1-D box. (CC-5; Unit-3)	PPT
		Nernst distribution law. (CC-5; Unit-2)	PPT
		Determination of Transport number. (CC-5; Unit-2)	PPT
IV		Potentiometric titration. (CC-8; Unit-2)	PPT
		Angular momentum. (CC-8; Unit-3)	PPT
		First order phase transition. (CC-8; Unit-1)	PPT
V		Debye-Huckel limiting law. (CC-8; Unit-2)	PPT
		Packing of uniform hard spheres and close packed arrangements (ccp, hcp). (DSE-1; Unit-1)	PPT
		Boltzmann distribution. (DSE-1; Unit-2)	PPT
		Bragg's law of diffraction. (DSE-1; Unit-1)	PPT
VI		Einstein's theory of Perfect crystal model. (DSE-1; Unit-3)	PPT
		Jablonski diagram.(CC-14; Unit-2)	PPT
		Freundlich and Langmuir adsorption isotherms. (CC-14; Unit-3)	PPT
		Rotational spectroscopy.(CC-14; Unit-1)	PPT
		Lambert-Beer's law. (CC-14; Unit-2)	PPT
		Mechanism and Kinetics of Copolymerization. (DSE-3; Unit-3)	PPT
		Determination of molecular weight of polymers by Viscometry and Osmotic pressure method. (DSE-3; Unit-4)	PPT
		Mechanism and kinetics of Condensation polymerization. (DSE-3; Unit-3)	PPT
		Phenol-formaldehyde resins. (DSE-3; Unit-7)	PPT

  
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(2018-19)

Name of Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Dr. BholaNath Sarkar	II	Acid-base neutralization curves and choice of indicators (CC3; Unit-3)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials. (CC3; Unit-4)	PPT
		Influence of complex formation, precipitation and change of pH on redox potentials (CC3; Unit-4)	PPT
		Latimer and Frost Diagram (CC3; Unit-4)	PPT
	III	Hydrogen bonding (theories of hydrogen bonding, valence bond treatment). (CC6; Unit-2)	PPT
		Nuclear fission and fusion reaction. (CC6; Unit-3)	PPT
		Nuclear fission and fusion reaction (CC6; Unit-3)	PPT
		Radio carbon dating (CC6; Unit-3)	PPT
	IV	Ellingham diagrams for reduction of metal oxides using carbon and carbon monoxide as reducing agent (CC9; Unit-1)	PPT
		Hydrometallurgy (CC9; Unit-1)	PPT
		Classification of ligands in Coordination Chemistry (CC9, Unit-5)	PPT
		Isomerism in coordination compounds (CC9, Unit-5)	PPT
Diptiman De	II	Chirality arising out of stereocaxis, atropisomerism	PPT
		Tautomerism	PPT
		NGP reaction	PPT
		Tautomerism (CC-4, Unit-2)	PPT
	III	Aromatic Substitution	PPT
		Organometallics (Grignard reagent, organolithium, Gilman cuprates)	PPT
		Substitution at sp <sup>2</sup> carbon (C=O system) (CC-7, Unit-3)	PPT
	Organometallics (Grignard reagent, organolithium, Gilman cuprates)(CC-7, Unit-4)	PPT	
Sk Saifuddin	III	Conductometric titration. (CC-5; Unit-1)	PPT
		Particle in 1-D box. (CC-5; Unit-3)	PPT
		Nernst distribution law. (CC-5; Unit-2)	PPT
		Determination of Transport number. (CC-5; Unit-2)	PPT
	IV	Potentiometric titration. (CC-8; Unit-2)	PPT
		Angular momentum. (CC-8; Unit-3)	PPT
		First order phase transition. (CC-8; Unit-1)	PPT
		Debye-Huckel limiting law. (CC-8; Unit-2)	PPT

  
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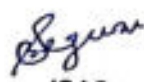
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Summary Sheet Of ICT Mode Of Learning Of Department Of English  
2022-23

Name of the Faculty	Semester	Name of the topic with course code		Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Tamali Neogi	Semester-I	CC - I	1. The Mrichchakatika By Sudraka 2. Banabhatta: Kadambari (Chapter I, li)	PPT & PDF
	Semester II	CC - III	1. Freedom To The Slave By H.L.VDerozio 2. The Night Of The Scorpion By Nissim Ezekiel 3. Kamala Das: 'Introduction' 4. Mahesh Dattani: Bravely Fought The Queen	PPT & PDF
	Semester III	CC - VII	1. John Milton: Paradise Lost (Book I) 2. Thomas Dekker: Shoemaker's Holiday	PPT & PDF
	Semester IV	CC- VIII	1. Jonathan Swift: Gulliver's Travels (Books I And li)	PPT & PDF
		CC - X	1. Charles Dickens: Hard Times 2. Robert Browning: 'My Last Duchess'	
	Semester V	CC - XI	1. Mary Wollstonecraft: A Vindication Of The Rights Of Woman 2. Charlotte Perkins Gilman: 'The Yellow Wallpaper' 3. Katherine Mansfield: 'Bliss'	PPT & PDF
		DSE -1	1. Premchand: 'The Shroud' 2. Tagore: Streer Patra 3. M.K. Gandhi: Hind Swaraj	PPT & PDF
	Semester VI	CC- XIII	1. Samuel Beckett: Waiting For Godot	PPT & PDF
		DSE -3	1. Introduction To Feminism 2. Phallogentrism	PPT & PDF
	Dr. Sukalyan Chanda	Semester-I	CC- II	1. Oedipus The King
Semester II		CC -III	1. Macbeth	PPT & PDF
Semester III		CC - V	1. The Adventures Of Tom Swayer	PPT & PDF



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			2. The Purloined Letter 3. The Crack-Up 4. The Prologue	
	Semester IV	CC - IX	1. Ode To The West Wind 2. Ozymandias 3. Ode To A Nightingale 4. Ode To Autumn	PPT & PDF
	Semester V	DSE - 1	1. Where The Mind Is Without Fear 2. Leave Thy Chanting And Singing And Telling Beads 3. Art Thou Abroad On This Stormy Night 4. Obstinate Are The Trammels, But My Heart Acheswhen I Try To Break Them 5. Tagore: Gora	PPT & PDF
DSE - 2		1. Train To Pakistan 2. Ice Candy Man	PPT & PDF	
CC - XII		1. The Love Song Of J. Alfred Prufrock 2. The Hollow Men		
Semester VI	CC- XIV	1. Haroun And The Sea Of Stories	PPT & PDF	
	DSE - 3	1. Postcolonialism	PPT & PDF	
Md Hasanujjaman	Semester-I	CC - I	1. Abhijnana Shakuntalam By Kalidasa	PPT & PDF
		CC - II	1. Pot Of Gold	
	Semester II	CC - III	1. Clear Light Of Day	PPT & PDF
	Semester III	CC - VI	2. Tintin In Tibet 3. Alice's Adventure In Wonderland	PPT & PDF
	Semester V	DSE - 2	1. Shadow Lines 2. Toba Tek Singh 3. Final Solution	PPT & PDF
		CC - XI	1. Amer Jibon 2. Ramabai Ranade: A Testimony Of Our Inexhaustible Treasures	PPT & PDF
	Semester VI	CC- XIII	1. A Doll's House 2. The Good Woman Of Szechwan	PPT & PDF
		CC- XIV	1. Tonight I Can Write 2. Small Towns And Rivers 3. The Arrow Of Chotti Munda	PPT, PDF & video lecture



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		DSE-3	<ol style="list-style-type: none"> <li>1. Post – Structuralism</li> <li>2. Introduction To Foucault</li> <li>3. Introduction To Derrida</li> <li>4. Introduction To Althusser</li> <li>5. Binary And Difference</li> <li>6. Logocentrism And Aporia</li> </ol>	PPT & PDF
		DSE-4	<ol style="list-style-type: none"> <li>1. Introduction To English Language</li> <li>2. Latin Influence</li> <li>3. French Influence</li> </ol>	PPT & PDF
Gour Chandra Ghosh	Semester-I	CC-II	<ol style="list-style-type: none"> <li>1. Classical Literature</li> <li>2. Epic Poetry</li> <li>3. Homer And His Contemporary Time.</li> <li>4. The Iliad</li> </ol>	PPT & PDF
	Semester II	CC-IV	<ol style="list-style-type: none"> <li>1. Pre-Shakespearean Drama</li> <li>2. Renaissance Theatre</li> <li>3. Concept Of Comedy And Its Various Forms</li> <li>4. Twelfth Night</li> </ol>	PPT & PDF
	Semester III	CC-VI	<ol style="list-style-type: none"> <li>1. Fiction As A Literary Genre</li> <li>2. Popular Literature</li> </ol>	PPT & PDF
	Semester IV	CC- VIII	<ol style="list-style-type: none"> <li>1. Transitional Period</li> <li>2. Author Biography (William Collins)</li> <li>3. "Ode To Evening"</li> <li>4. Daniel Defoe</li> <li>5. Moll Flanders</li> </ol>	PPT & PDF
	Semester V	CC - XII	<ol style="list-style-type: none"> <li>1. English Modernist Poetry</li> <li>2. W.B. Yeats's "The Second Coming"</li> </ol>	PPT & PDF
	Semester VI	DSE-4	<ol style="list-style-type: none"> <li>1. Introduction To Literary Criticism</li> <li>2. Sir Philip Sidney</li> <li>3. Apology For Poetry</li> </ol>	PPT & PDF
Riya Chatterjee	Semester II	CC- IV	<ol style="list-style-type: none"> <li>1. Rhetoric</li> <li>2. Introduction To Different Figure Of Speech</li> <li>3. Prosody</li> <li>4. Metaphysical Poets</li> <li>5. Characteristics Of Metaphysical Poetry</li> <li>6. John Donne</li> <li>7. Good Morrow</li> </ol>	PPT, PDF & video lecture
	Semester III	CC- V	<ol style="list-style-type: none"> <li>1. William Faulkner</li> <li>2. Dry September</li> </ol>	PPT & PDF

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			3. Walt Whitman's "Passage To India"	
	Semester IV	CC - VII	1. Mock-Heroic Poetry 2. The Rape Of The Lock	PPT & PDF
		CC - VIII	1. Restoration Comedy 2. William Congreves' The Way Of The World 3. Pre-Romantic Literature 4. Thomas Gray's "Elegy"	PPT, PDF & video lecture
	Semester V	CC-XI	1. Feminism 2. I'm Wife ;I've Finished That	
	Semester VI	CC- XIV	1. Post Colonialism 2. Derek Walcott's <i>A Far Cry From Africa</i>	PPT & PDF
Rishin Mitra	Semester-I	CC- 1A	1. Introduction To H.E .Bates 2. Introduction To The Ox 3. Use Of Symbol In The Text	PPT & PDF
	Semester II	CC- 1B	1. Introduction American Literature. 2. Introduction To J.B. Priestley 3. Drama As A Literary Genre	PPT & PDF
	Semester III	CC-L1-2	1. An Introduction To The Concept Of Plain Language And Figurative Language 2. Introduction To Different Figure Of Speech 3. Simile And Metaphor 4. Metonymy 5. Hyperbole 6. Introduction To Ambiguity 7. Ambiguity And Vagueness 8. William Empson And His Work On Ambiguity	PPT & PDF
	Semester IV	CC- IV	1. Introduction To Academic Writing 2. Summarizing And Paraphrasing	PPT & PDF
	Semester V	DSE-1A	1. Elizabethan Playwrights 2. As You Like It	PPT & PDF
	Semester VI	DSE-2A	1. Vijay Tendulkar 2. Silence: The Court Is In The Session	PPT & PDF

  
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Summary Sheet Of ICT Mode Of Learning Of Department Of English  
2021-22

Name of the Faculty	Semester	Name of the topic with course code		Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Tamali Neogi	Semester-I	CC - I	1. The Mrichchakatika By Sudraka 2. Banabhatta: Kadambari (Chapter I, li)	PPT & PDF
	Semester II	CC - III	1. Freedom To The Slave By H.L.VDerozio 2. The Night Of The Scorpion By Nissim Ezekiel 3. Kamala Das: 'Introduction' 4. Mahesh Dattani: Bravely Fought The Queen	PPT & PDF
	Semester III	CC - VII	1. John Milton: Paradise Lost (Book I) 2. Thomas Dekker: Shoemaker's Holiday	PPT & PDF
	Semester IV	CC- VIII	1. Jonathan Swift: Gulliver's Travels (Books I And li)	PPT & PDF
		CC - X	1. Charles Dickens: Hard Times 2. Robert Browning: 'My Last Duchess'	.
	Semester V	CC - XI	1. Mary Wollstonecraft: A Vindication Of The Rights Of Woman 2. Charlotte Perkins Gilman: 'The Yellow Wallpaper' 3. Katherine Mansfield: 'Bliss'	PPT & PDF
		DSE -1	1. Premchand: 'The Shroud' 2. Tagore: Streer Patra	PPT & PDF

  
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**Head**  
**Department of English**  
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			3. M.K. Gandhi: Hind Swaraj	
	Semester VI	CC- XIII	1. Samuel Beckett: Waiting For Godot	PPT & PDF
		DSE -3	1. Introduction To Feminism 2. Phallocentrism	PPT & PDF
Dr. Sukalyan Chanda	Semester-I	CC- II	1. Oedipus The King	PPT & PDF
	Semester II	CC -III	1. Macbeth	PPT & PDF
	Semester III	CC - V	1. The Adventures Of Tom Swayer 2. The Purloined Letter 3. The Crack-Up 4. The Prologue	PPT & PDF
	Semester IV	CC - IX	1. Ode To The West Wind 2. Ozymandias 3. Ode To A Nightingale 4. Ode To Autumn	PPT & PDF
	Semester V	DSE -1	1. Where The Mind Is Without Fear 2. Leave Thy Chanting And Singing And Telling Beads 3. Art Thou Abroad On This Stormy Night 4. Obstinate Are The Trammels, But My Heart Acheswhen I Try To Break Them 5. Tagore: Gora	PPT & PDF
		DSE - 2	1. Train To Pakistan 2. Ice Candy Man	PPT & PDF
		CC - XII	1. The Love Song Of J. Alfred Prufrock 2. The Hollow Men	
	Semester VI	CC- XIV	1. Haroun And The Sea Of Stories	PPT & PDF
		DSE -3	1. Postcolonialism	PPT & PDF
	Md Hasanujjaman	Semester-I	CC - 1	1. Abhijnana Shakuntalam By Kalidasa

  
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		CC - II	1. Pot Of Gold	
	Semester II	CC - III	1. Clear Light Of Day	PPT & PDF
	Semester III	CC - VI	2. Tintin In Tibet 3. Alice's Adventure In Wonderland	PPT & PDF
	Semester V	DSE - 2	1. Shadow Lines 2. Toba Tek Singh 3. Final Solution	PPT & PDF
		CC - XI	1. Amer Jibon 2. Ramabai Ranade: A Testimony Of Our Inexhaustible Treasures	PPT & PDF
	Semester VI	CC- XIII	1. A Doll's House 2. The Good Woman Of Szechwan	PPT & PDF
		CC- XIV	1. Tonight I Can Write 2. Small Towns And Rivers 3. The Arrow Of Chotti Munda	PPT, PDF & video lecture
		DSE-3	1. Post – Structuralism 2. Introduction To Foucault 3. Introduction To Derrida 4. Introduction To Althusser 5. Binary And Difference 6. Logocentrism And Aporia	PPT & PDF
		DSE-4	1. Introduction To English Language 2. Latin Influence 3. French Influence	PPT & PDF
Gour Chandra Ghosh	Semester-1	CC-II	1. Classical Literature 2. Epic Poetry 3. Homer And His Contemporary Time. 4. The Iliad	PPT & PDF
	Semester II	CC-IV	1. Pre-Shakespearean Drama	PPT & PDF

  
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			2. Renaissance Theatre 3. Concept Of Comedy And Its Various Forms 4. Twelfth Night	
	Semester III	CC-VI	1. Fiction As A Literary Genre 2. Popular Literature	PPT & PDF
	Semester IV	CC- VIII	1. Transitional Period 2. Author Biography (William Collins) 3. "Ode To Evening" 4. Daniel Defoe 5. Moll Flanders	PPT & PDF
	Semester V	CC - XII	1. English Modernist Poetry 2. W.B. Yeats's "The Second Coming"	PPT & PDF
	Semester VI	DSE-4	1. Introduction To Literary Criticism 2. Sir Philip Sidney 3. Apology For Poetry	PPT & PDF
Riya Chatterjee	Semester II	CC- IV	1. Rhetoric 2. Introduction To Different Figure Of Speech 3. Prosody 4. Metaphysical Poets 5. Characteristics Of Metaphysical Poetry 6. John Donne 7. Good Morrow	PPT, PDF & video lecture
	Semester III	CC- V	1. William Faulkner 2. Dry September 3. Walt Whitman's "Passage To India"	PPT & PDF
	Semester IV	CC - VII	1. Mock-Heroic Poetry 2. The Rape Of The Lock	PPT & PDF
		CC - VIII	1. Restoration Comedy 2. William Congreves' The Way Of The	PPT, PDF & video lecture

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			World 3. Pre-Romantic Literature 4. Thomas Gray's "Elegy"	
	Semester V	CC-XI	1. Feminism 2. I'm Wife ;I've Finished That	
	Semester VI	CC- XIV	1. Post Colonialism 2. Derek Walcott's <i>A Far Cry From Africa</i>	PPT & PDF
Rishin Mitra	Semester-I	CC- 1A	1. Introduction To H.E .Bates 2. Introduction To The Ox 3. Use Of Symbol In The Text	PPT & PDF
	Semester II	CC- 1B	1. Introduction American Literature. 2. Introduction To J.B. Priestley 3. Drama As A Literary Genre	PPT & PDF
	Semester III	CC-L1-2	1. An Introduction To The Concept Of Plain Language And Figurative Language 2. Introduction To Different Figure Of Speech 3. Simile And Metaphor 4. Metonymy 5. Hyperbole 6. Introduction To Ambiguity 7. Ambiguity And Vagueness 8. William Empson And His Work On Ambiguity	PPT & PDF
	Semester IV	CC- IV	1. Introduction To Academic Writing 2. Summarizing And Paraphrasing	PPT & PDF
	Semester V	DSE-IA	1. Elizabethan Playwrights 2. As You Like It	PPT & PDF
	Semester VI	DSE-2A	1. Vijay Tendulkar	PPT & PDF

  
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2. Silence: The Court Is In The Session



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Summary Sheet Of ICT Mode Of Learning Of Department Of English  
2020-21

Name of the Faculty	Semester	Name of the topic with course code		Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Tamali Neogi	Semester-I	CC - I	1. The Mrichchakatika By Sudraka 2. Banabhatta: Kadambari (Chapter I, li)	PPT & PDF
	Semester II	CC - III	1. Freedom To The Slave By H.L.VDerozio 2. The Night Of The Scorpion By Nissim Ezekiel 3. Kamala Das: 'Introduction' 4. Mahesh Dattani: Bravely Fought The Queen	PPT & PDF
	Semester III	CC - VII	1. John Milton: Paradise Lost (Book I) 2. Thomas Dekker: Shoemaker's Holiday	PPT & PDF
	Semester IV	CC- VIII	1. Jonathan Swift: Gulliver's Travels (Books I And li)	PPT & PDF
		CC - X	1. Charles Dickens: Hard Times 2. Robert Browning: 'My Last Duchess'	
	Semester V	CC - XI	1. Mary Wollstonecraft: A Vindication Of The Rights Of Woman 2. Charlotte Perkins Gilman: 'The Yellow Wallpaper' 3. Katherine Mansfield: 'Bliss'	PPT & PDF
		DSE -I	1. Premchand: 'The Shroud' 2. Tagore: Streer Patra	PPT & PDF



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Gushkara, Purba Bardhaman



Gushkara Mahavidyalaya  
Head  
Department of English  
Gushkara Mahavidyalaya

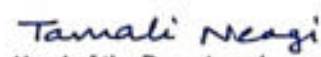
			3. M.K. Gandhi: Hind Swaraj	
	Semester VI	CC- XIII	1. Samuel Beckett: Waiting For Godot	PPT & PDF
		DSE -3	1. Introduction To Feminism 2. Phallocentrism	PPT & PDF
Dr. Sukalyan Chanda	Semester-I	CC- II	1. Oedipus The King	PPT & PDF
	Semester II	CC -III	1. Macbeth	PPT & PDF
	Semester III	CC - V	1. The Adventures Of Tom Swayer 2. The Purloined Letter 3. The Crack-Up 4. The Prologue	PPT & PDF
	Semester IV	CC - IX	1. Ode To The West Wind 2. Ozymandias 3. Ode To A Nightingale 4. Ode To Autumn	PPT & PDF
	Semester V	DSE -1	1. Where The Mind Is Without Fear 2. Leave Thy Chanting And Singing And Telling Beads 3. Art Thou Abroad On This Stormy Night 4. Obstinate Are The Trammels, But My Heart Acheswhen I Try To Break Them 5. Tagore: Gora	PPT & PDF
		DSE - 2	1. Train To Pakistan 2. Ice Candy Man	PPT & PDF
		CC - XII	1. The Love Song Of J. Alfred Prufrock 2. The Hollow Men	
	Semester VI	CC- XIV	1. Haroun And The Sea Of Stories	PPT & PDF
		DSE -3	1. Postcolonialism	PPT & PDF
	Md Hasanujjaman	Semester-I	CC - I	1. Abhijnana Shakuntalam By Kalidasa



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Department of English  
Gushkara Mahavidyalaya


		CC - II	1. Pot Of Gold	
	Semester II	CC - III	1. Clear Light Of Day	PPT & PDF
	Semester III	CC - VI	2. Tintin In Tibet 3. Alice's Adventure In Wonderland	PPT & PDF
	Semester V	DSE - 2	1. Shadow Lines 2. Toba Tek Singh 3. Final Solution	PPT & PDF
		CC - XI	1. Amer Jibon 2. Ramabai Ranade: A Testimony Of Our Inexhaustible Treasures	PPT & PDF
	Semester VI	CC- XIII	1. A Doll's House 2. The Good Woman Of Szechwan	PPT & PDF
		CC- XIV	1. Tonight I Can Write 2. Small Towns And Rivers 3. The Arrow Of Chotti Munda	PPT, PDF & video lecture
		DSE-3	1. Post – Structuralism 2. Introduction To Foucault 3. Introduction To Derrida 4. Introduction To Althusser 5. Binary And Difference 6. Logocentrism And Aporia	PPT & PDF
		DSE-4	1. Introduction To English Language 2. Latin Influence 3. French Influence	PPT & PDF
Gour Chandra Ghosh	Semester-1	CC-II	1. Classical Literature 2. Epic Poetry 3. Homer And His Contemporary Time. 4. The Iliad	PPT & PDF
	Semester II	CC-IV	1. Pre-Shakespearean Drama	PPT & PDF

  
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Head  
Department of English  
Gushkara Mahavidyalaya


			<ol style="list-style-type: none"> <li>Renaissance Theatre</li> <li>Concept Of Comedy And Its Various Forms</li> <li>Twelfth Night</li> </ol>	
	Semester III	CC-VI	<ol style="list-style-type: none"> <li>Fiction As A Literary Genre</li> <li>Popular Literature</li> </ol>	PPT & PDF
	Semester IV	CC- VIII	<ol style="list-style-type: none"> <li>Transitional Period</li> <li>Author Biography (William Collins)</li> <li>"Ode To Evening"</li> <li>Daniel Defoe</li> <li>Moll Flanders</li> </ol>	PPT & PDF
	Semester V	CC - XII	<ol style="list-style-type: none"> <li>English Modernist Poetry</li> <li>W.B. Yeats's "The Second Coming"</li> </ol>	PPT & PDF
	Semester VI	DSE-4	<ol style="list-style-type: none"> <li>Introduction To Literary Criticism</li> <li>Sir Philip Sidney</li> <li>Apology For Poetry</li> </ol>	PPT & PDF
Riya Chatterjee	Semester II	CC- IV	<ol style="list-style-type: none"> <li>Rhetoric</li> <li>Introduction To Different Figure Of Speech</li> <li>Prosody</li> <li>Metaphysical Poets</li> <li>Characteristics Of Metaphysical Poetry</li> <li>John Donne</li> <li>Good Morrow</li> </ol>	PPT, PDF & video lecture
	Semester III	CC- V	<ol style="list-style-type: none"> <li>William Faulkner</li> <li>Dry September</li> <li>Walt Whitman's "Passage To India"</li> </ol>	PPT & PDF
	Semester IV	CC - VII	<ol style="list-style-type: none"> <li>Mock-Heroic Poetry</li> <li>The Rape Of The Lock</li> </ol>	PPT & PDF
		CC - VIII	<ol style="list-style-type: none"> <li>Restoration Comedy</li> <li>William Congreves' The Way Of The</li> </ol>	PPT, PDF & video lecture

  
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			World	
			3. Pre-Romantic Literature 4. Thomas Gray's "Elegy"	
	Semester V	CC-XI	1. Feminism 2. I'm Wife ;I've Finished That	
	Semester VI	CC- XIV	1. Post Colonialism 2. Derek Walcott's <i>A Far Cry From Africa</i>	PPT & PDF
Rishin Mitra	Semester-I	CC- 1A	1. Introduction To H.E .Bates 2. Introduction To The Ox 3. Use Of Symbol In The Text	PPT & PDF
	Semester II	CC- 1B	1. Introduction American Literature. 2. Introduction To J.B. Priestley 3. Drama As A Literary Genre	PPT & PDF
	Semester III	CC-L1-2	1. An Introduction To The Concept Of Plain Language And Figurative Language 2. Introduction To Different Figure Of Speech 3. Simile And Metaphor 4. Metonymy 5. Hyperbole 6. Introduction To Ambiguity 7. Ambiguity And Vagueness 8. William Empson And His Work On Ambiguity	PPT & PDF
	Semester IV	CC- IV	1. Introduction To Academic Writing 2. Summarizing And Paraphrasing	PPT & PDF
	Semester V	DSE-IA	1. Elizabethan Playwrights 2. As You Like It	PPT & PDF
	Semester VI	DSE-2A	1. Vijay Tendulkar	PPT & PDF

  
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2. Silence: The Court Is In The Session

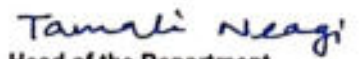


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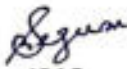
Head of the Department  
Gushkara Mahavidyalaya  
Head  
Department of English  
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Summary Sheet Of ICT Mode Of Learning Of Department Of English  
2019-20

Name of the Faculty	Semester	Name of the topic with course code		Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Tamali Neogi	Semester-I	CC - I	1. The Mrichchakatika By Sudraka 2. Banabhatta: Kadambari (Chapter I, li)	PPT & PDF
	Semester II	CC - III	1. Freedom To The Slave By H.L. VDerozio 2. The Night Of The Scorpion By Nissim Ezekiel 3. Kamala Das: 'Introduction' 4. Mahesh Dattani: Bravely Fought The Queen	PPT & PDF
	Semester III	CC - VII	1. John Milton: Paradise Lost (Book I) 2. Thomas Dekker: Shoemaker's Holiday	PPT & PDF
	Semester IV	CC- VIII	1. Jonathan Swift: Gulliver's Travels (Books I And li)	PPT & PDF
		CC - X	1. Charles Dickens: Hard Times 2. Robert Browning: 'My Last Duchess'	
	Semester V	CC - XI	1. Mary Wollstonecraft: A Vindication Of The Rights Of Woman 2. Charlotte Perkins Gilman: 'The Yellow Wallpaper' 3. Katherine Mansfield: 'Bliss'	PPT & PDF
		DSE -1	1. Premchand: 'The Shroud' 2. Tagore: Streer Patra	PPT & PDF

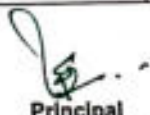
  
Principal  
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IQAC  
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Co-ordinator  
I Q A C  
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Gushkara, Purba Bardhaman

*Tamali Neogi*  
Head of the Department  
Gushkara Mahavidyalaya  
Head  
Department of English  
Gushkara Mahavidyalaya

			3. M.K. Gandhi: Hind Swaraj	
	Semester VI	CC- XIII	1. Samuel Beckett: Waiting For Godot	PPT & PDF
		DSE -3	1. Introduction To Feminism 2. Phallocentrism	PPT & PDF
Dr. Sukalyan Chanda	Semester-I	CC- II	1. Oedipus The King	PPT & PDF
	Semester II	CC -III	1. Macbeth	PPT & PDF
	Semester III	CC - V	1. The Adventures Of Tom Swayer 2. The Purloined Letter 3. The Crack-Up 4. The Prologue	PPT & PDF
	Semester IV	CC - IX	1. Ode To The West Wind 2. Ozymandias 3. Ode To A Nightingale 4. Ode To Autumn	PPT & PDF
	Semester V	DSE -1	1. Where The Mind Is Without Fear 2. Leave Thy Chanting And Singing And Telling Beads 3. Art Thou Abroad On This Stormy Night 4. Obstinate Are The Trammels, But My Heart Acheswhen I Try To Break Them 5. Tagore: Gora	PPT & PDF
		DSE - 2	1. Train To Pakistan 2. Ice Candy Man	PPT & PDF
		CC - XII	1. The Love Song Of J. Alfred Prufrock 2. The Hollow Men	
	Semester VI	CC- XIV	1. Haroun And The Sea Of Stories	PPT & PDF
		DSE -3	1. Postcolonialism	PPT & PDF
Md Hasanujjaman	Semester-I	CC - 1	1. Abhijnana Shakuntalam By Kalidasa	PPT & PDF

  
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Head  
Department of English  
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		CC - II	1. Pot Of Gold	
Semester II		CC - III	1. Clear Light Of Day	PPT & PDF
Semester III		CC - VI	2. Tintin In Tibet 3. Alice's Adventure In Wonderland	PPT & PDF
Semester V		DSE - 2	1. Shadow Lines 2. Toba Tek Singh 3. Final Solution	PPT & PDF
		CC - XI	1. Amer Jibon 2. Ramabai Ranade: A Testimony Of Our Inexhaustible Treasures	PPT & PDF
Semester VI		CC- XIII	1. A Doll's House 2. The Good Woman Of Szechwan	PPT & PDF
		CC- XIV	1. Tonight I Can Write 2. Small Towns And Rivers 3. The Arrow Of Chotti Munda	PPT, PDF & video lecture
		DSE-3	1. Post - Structuralism 2. Introduction To Foucault 3. Introduction To Derrida 4. Introduction To Althusser 5. Binary And Difference 6. Logocentrism And Aporia	PPT & PDF
		DSE-4	1. Introduction To English Language 2. Latin Influence 3. French Influence	PPT & PDF
Gour Chandra Ghosh	Semester-1	CC-II	1. Classical Literature 2. Epic Poetry 3. Homer And His Contemporary Time. 4. The Iliad	PPT & PDF
	Semester II	CC-IV	1. Pre-Shakespearean Drama	PPT & PDF

  
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			<ol style="list-style-type: none"> <li>2. Renaissance Theatre</li> <li>3. Concept Of Comedy And Its Various Forms</li> <li>4. Twelfth Night</li> </ol>	
	Semester III	CC-VI	<ol style="list-style-type: none"> <li>1. Fiction As A Literary Genre</li> <li>2. Popular Literature</li> </ol>	PPT & PDF
	Semester IV	CC- VIII	<ol style="list-style-type: none"> <li>1. Transitional Period</li> <li>2. Author Biography (William Collins)</li> <li>3. "Ode To Evening"</li> <li>4. Daniel Defoe</li> <li>5. Moll Flanders</li> </ol>	PPT & PDF
	Semester V	CC - XII	<ol style="list-style-type: none"> <li>1. English Modernist Poetry</li> <li>2. W.B. Yeats's "The Second Coming"</li> </ol>	PPT & PDF
	Semester VI	DSE-4	<ol style="list-style-type: none"> <li>1. Introduction To Literary Criticism</li> <li>2. Sir Philip Sidney</li> <li>3. Apology For Poetry</li> </ol>	PPT & PDF
Riya Chatterjee	Semester II	CC- IV	<ol style="list-style-type: none"> <li>1. Rhetoric</li> <li>2. Introduction To Different Figure Of Speech</li> <li>3. Prosody</li> <li>4. Metaphysical Poets</li> <li>5. Characteristics Of Metaphysical Poetry</li> <li>6. John Donne</li> <li>7. Good Morrow</li> </ol>	PPT, PDF & video lecture
	Semester III	CC- V	<ol style="list-style-type: none"> <li>1. William Faulkner</li> <li>2. Dry September</li> <li>3. Walt Whitman's "Passage To India"</li> </ol>	PPT & PDF
	Semester IV	CC - VII	<ol style="list-style-type: none"> <li>1. Mock-Heroic Poetry</li> <li>2. The Rape Of The Lock</li> </ol>	PPT & PDF
		CC - VIII	<ol style="list-style-type: none"> <li>1. Restoration Comedy</li> <li>2. William Congreves' The Way Of The</li> </ol>	PPT, PDF & video lecture



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			World 3. Pre-Romantic Literature 4. Thomas Gray's "Elegy"	
	Semester V	CC-XI	1. Feminism 2. I'm Wife ;I've Finished That	
	Semester VI	CC- XIV	1. Post Colonialism 2. Derek Walcott's <i>A Far Cry From Africa</i>	PPT & PDF
Rishin Mitra	Semester-I	CC- 1A	1. Introduction To H.E .Bates 2. Introduction To The Ox 3. Use Of Symbol In The Text	PPT & PDF
	Semester II	CC- 1B	1. Introduction American Literature. 2. Introduction To J.B. Priestley 3. Drama As A Literary Genre	PPT & PDF
	Semester III	CC-L1-2	1. An Introduction To The Concept Of Plain Language And Figurative Language 2. Introduction To Different Figure Of Speech 3. Simile And Metaphor 4. Metonymy 5. Hyperbole 6. Introduction To Ambiguity 7. Ambiguity And Vagueness 8. William Empson And His Work On Ambiguity	PPT & PDF
	Semester IV	CC- IV	1. Introduction To Academic Writing 2. Summarizing And Paraphrasing	PPT & PDF
	Semester V	DSE-IA	1. Elizabethan Playwrights 2. As You Like It	PPT & PDF
	Semester VI	DSE-2A	1. Vijay Tendulkar	PPT & PDF

  
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2. Silence: The Court Is In The Session



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*Tamali Neogi*

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Gushkara Mahavidyalaya

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Gushkara Mahavidyalaya

Department of English  
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Summary Sheet Of ICT Mode Of Learning Of Department Of English  
2018-2019

Name of the Faculty	Semester	Name of the topic with course code		Mode of Teaching under ICT metho (PPT, PDF, Video Lecture etc.)
Dr. Tamali Neogi	Semester-I	CC - I	<ol style="list-style-type: none"> <li>1. Introduction To Literature And Indian Literature</li> <li>2. The Origin And Sources Of The Kavya</li> <li>3. Idea Of Rasa &amp; Alamkara</li> <li>4. The Mrichchakatika</li> <li>5. Introduction To <i>Kadambari</i></li> <li>6. Banabhata: <i>Kadambari</i></li> </ol>	PPT & PDF
	Semester II	CC - III	<ol style="list-style-type: none"> <li>1. Derozio : His Life And Writings</li> <li>2. Freedom To The Slave</li> <li>3. The Night Of The Scorpion</li> <li>4. Kamala Das: 'Introduction'</li> <li>5. Introduction To Mahesh Dattani</li> <li>6. Bravely Fought The Queen</li> </ol>	PPT & PDF
	Semester III	CC - VII	<ol style="list-style-type: none"> <li>1. Introduction To John Milton</li> <li>2. Building Of Pandemonium</li> <li>3. John Milton: Paradise Lost (Book I)</li> <li>4. Thomas Dekker: Shoemaker's Holiday</li> </ol>	PPT & PDF
	Semester IV	CC - VIII	<ol style="list-style-type: none"> <li>1. Introduction To Jonathan Swift</li> <li>2. Gulliver's Travels (Books I And II)</li> </ol>	PPT & PDF
CC - X		<ol style="list-style-type: none"> <li>1. Charles Dickens: Hard Times</li> <li>2. Robert Browning: 'My Last Duchess'</li> </ol>		

  
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Head of the Department  
Gushkara Mahavidyalaya  
Head  
Department of English  
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Dr. Sukalyan Chanda	Semester-I	CC - II	1. Oedipus The King 2. Concept Of Tragedy	PPT & PDF
		CC1A	1. War Poetry 2. Strange Meeting 3. Dream Children 4. A Slumber Did My Spirit Seal	
	Semester II	CC - IV	1. Introduction To Shakespeare 2. Elizabethan Theatre 3. Macbeth	PPT & PDF
	Semester III	CC - V	1. The Adventures Of Tom Sawyer 2. Introduction To Short Story 3. The Purloined Letter 4. The Crack-Up 5. The Prologue	PPT & PDF
	Semester IV	CC - IX	1. Introduction To Romantic Poetry 2. Ode As A Poetic Form 3. Ode To The West Wind 4. Ozymandias 5. Ode To A Nightingale 6. Ode To Autumn	PPT & PDF
Md Hasanujjaman	Semester-I	CC - I	1. What Is Epic 2. Kalidasa: His Life And Drama 3. Abhijnana Shakuntalam By Kalidasa 4. Character Of Shakuntala. 5. The Book Of Assembly Hall 6. Character Of Draupadi.	PPT & PDF
		CC - II	1. Introduction To Plautus And His Works 2. Introduction To Comedy	

  
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Head  
Department of English  
Gushkara Mahavidyalaya

			3. Pot Of Gold	
	Semester II	CC - III	1. Introduction TO Partition 2. Clear Light Of Day	PPT & PDF
	Semester III	CC - VI	3. Introduction To Graphic Novel 4. Tintin In Tibet 5. Introduction To Popular Literature 6. Introduction To Lewis Carroll 7. Alice's Adventure In Wonderland	PPT & PDF
		SEC - 1	1. What Is Translation 2. History Of Translation In India 3. Pidgin And Creole 4. Machine Translation 5. Modes Of Translation	PPT & PDF
Gour Chandra Ghosh	Semester-I	CC-II	1. Classical Literature 2. Epic Poetry 3. Homer and his Contemporary Time. 4. The Iliad 5. Metamorphoses 'Bacchus'	PPT & PDF
	Semester II	CC-IV	1. Pre-Shakespearean Drama 2. Renaissance Theatre 3. Concept of Comedy and its Various Forms 4. Twelfth Night 5. Character Analysis	PPT & PDF
	Semester III	CC-VI	1. Fiction as a Literary Genre 2. Popular Literature 3. Crime Fiction 4. Detective Fiction 5. The Murder of Roger Ackroyd	PPT & PDF
	Semester IV	CC -	1. Transitional Period	PPT & PDF

  
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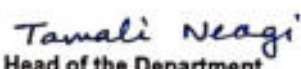
		VIII	<ol style="list-style-type: none"> <li>2. Author Biography (William Collins)</li> <li>3. "Ode to Evening"</li> <li>4. Daniel Defoe</li> <li>5. Moll Flanders</li> </ol>	
Riya Chatterjee	Semester II	CC- IV	<ol style="list-style-type: none"> <li>1. Rhetoric</li> <li>2. Introduction to Different Figure of Speech</li> <li>3. Prosody</li> <li>4. Metaphysical Poets</li> <li>5. Characteristics of Metaphysical Poetry</li> <li>6. John Donne</li> <li>7. Good Morrow</li> <li>8. The Sun Rising</li> </ol>	<b>PPT &amp; PDF</b>
	Semester III	CC- V	<ol style="list-style-type: none"> <li>1. American War of Independence</li> <li>2. William Faulkner</li> <li>3. Dry September</li> <li>4. Walt Whitman's "Passage to India"</li> <li>5. Sherman Alexie's Crow Testament</li> </ol>	<b>PPT &amp; PDF</b>
	Semester IV	CC - VII	<ol style="list-style-type: none"> <li>1. Mock-Heroic Poetry</li> <li>2. The Rape of the Lock</li> </ol>	<b>PPT &amp; PDF</b>
		CC - VIII	<ol style="list-style-type: none"> <li>1. Restoration Comedy</li> <li>2. William Congreves' The Way of The World</li> <li>3. Sense and Sensibility</li> <li>4. Pre-Romantic Literature</li> <li>5. Thomas Gray's "Elegy"</li> </ol>	
Rishin Mitra	Semester-I	CC- 1A	<ol style="list-style-type: none"> <li>1. Introduction to H.E .Bates</li> <li>2. Introduction to The Ox</li> <li>3. Character Analysis of The Ox</li> <li>4. Use of Symbol in The Text</li> <li>5. Discussion of the Images in the Text</li> </ol>	<b>PPT &amp; PDF</b>



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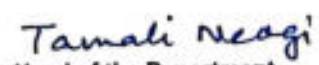
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	Semester II	CC- 1B	<ol style="list-style-type: none"> <li>1. Introduction American Literature.</li> <li>2. Introduction to J.B. Priestley</li> <li>3. Drama as a Literary Genre</li> <li>4. Introduction to An Inspector Call</li> <li>5. Use of Images and Symbols</li> </ol>	PPT & PDF
	Semester III	CC-L1-2	<ol style="list-style-type: none"> <li>1. An Introduction to the Concept of Plain language and figurative language</li> <li>2. Introduction to Different Figure of Speech</li> <li>3. Simile and Metaphor</li> <li>4. Metonymy</li> <li>5. Hyperbole</li> <li>6. Introduction to Ambiguity</li> <li>7. Ambiguity and Vagueness</li> <li>8. William Empson and his work on Ambiguity</li> </ol>	PPT & PDF
	Semester IV	CC- IV	<ol style="list-style-type: none"> <li>1. Introduction to Academic Writing</li> <li>2. Summarizing and Paraphrasing</li> </ol>	PPT & PDF

  
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 Gushkara Mahavidyalaya  
 Head  
 Department of English  
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## DEPARTMENT OF GEOGRAPHY

### Declaration on Use of ICT

2018-2019

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	PPT
	Earth's tectonic and structural evolution and geological time scale	PPT
	Earth's interior with special reference to seismology.	PPT
	Concept of Isostasy: Theories of Airy and Pratt	PPT
	Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological Map Study</b>	PPT
	Maps: Classification and Types. Components of a Map	PPT
	Concept of Scales: Plain, Comparative, Diagonal and Vernier	PPT
	Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection	PPT
	Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement	PPT
	Rocks and minerals.	PPT
	Concept of Bedding Plane, Unconformity and Non-conformity, thickness of Bed, Dip, Throw, Hade, heave	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	PPT
	Concepts of Bearing: magnetic and true, whole-circle and reduced	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	PPT
	Basic concepts of surveying and survey equipments: Prismatic Compass	PPT
	Basic concepts of surveying and survey equipments: Dumpy Level	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Transit Theodolite	PPT
	<b>CC4 (Practical) – Cartograms, Survey and Thematic Mapping</b>	PPT
	Contouring by Dumpy Level and Prismatic Compass	PPT, Audio, Video
	Determination of Height of objects using Transit Theodolite	PPT, Audio, Video
	<b>CC 6 (Theory) – Statistical Methods in Geography</b>	PPT, Audio, Video
	Importance and significance of Statistics in Geography. Concept of data	PPT, Audio, Video
	Collection of data and formation of statistical tables	PPT, Audio, Video
	Sampling: Need, types, and significance and methods of random sampling	PPT, Audio, Video
	Distribution: frequency, cumulative frequency	PPT, Audio, Video
	Central tendency: Mean, median, mode, partition values	PPT, Audio, Video
	Association and correlation: Rank correlation, product moment correlation	PPT, Audio, Video
	Linear Regression and time series analysis	PPT, Audio, Video
	Construction of data matrix	PPT, Audio, Video
Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted.	PPT, Audio, Video	
Histograms and frequency curve would be prepared on the dataset.	PPT, Audio, Video	
Scatter diagram and regression line	PPT, Audio, Video	

## DEPARTMENT OF GEOGRAPHY

### Declaration on Use of ICT

2018-2019

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 10 : Environmental Geography</b>	
	Geographers' Approach to Environmental Studies	BM
	Changes in Perception of Environment in different stages of Human Civilization	BM
	Ecosystem: Concept, Structure and Functions	PPT
	Environmental Degradation and Pollution: Water and Air	PPT
	Environmental Issues related to Agriculture	PPT
	Urban Environmental issues related to Waste Management	PPT
	Concept and Issues related to Bio-diversity	PPT, Audio
	Environmental Programs and Policies on Forest and Wetland: National and Global	PDF
	<b>CC 11 : Research Methodology and Field Work</b>	
	Research in Geography: Meaning, types and significance	PPT, Audio, Video
	Significance of Literature review in research	PPT, Audio, Video
	Defining research problem, objectives and hypothesis. Research materials and methods	PPT, Audio, Video
	Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	PPT, Audio, Video
	Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork	PPT, Audio, Video
	Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reference to focused group discussions.	PPT, Audio, Video
	<b>CC 13 : Evolution of Geographical Thought</b>	
	Definition, Scope and Content of Geography; Geography as a Spatial Science	PPT
	Geography in Ancient Period: Greek and Roman	PPT
	Development of Geography in Medieval period: Arabian	PPT
	Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	PPT
	Classical Geography in 19th Century: Humboldt, Ritter	PPT
	Quantitative Revolution and its Critique	PPT, Audio
	German School of Thought	PPT
	French School of Thought	PPT
	American School of Thought	PPT
	Indian Contribution to Geography	PPT, Audio
	<b>SEC 1 – Computer Basics and Computer Applications</b>	
	Numbering Systems; Binary Arithmetic	PPT
	Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	PPT, Audio, Video
	Moving Averages, Correlation, Covariance and regression	PPT, Audio, Video
	Scatter diagram and Histogram	PPT, Audio, Video
	Internet surfing: generation and extraction of information	PPT, Audio, Video

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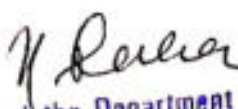
**Declaration on Use of ICT**

2018-2019

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>SEC -2 : Advanced spatial statistical Techniques</b>	
	Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method)	PPT, Audio, Video
	Differences between Spatial and non-Spatial data, Nearest Neighbour Analysis	PPT, Audio, Video
	Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression	PPT, Audio, Video
	Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method	PPT, Audio, Video
	<b>DSE-2 : Population Geography</b>	
	Development of Population Geography; Relation between Population Geography and Demography and Demography	PPT, PDF
	Determinants of Population Dynamics; Concept of Optimum Population	PPT, PDF
	Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model	PPT, PDF
	Distribution, Density and Growth of Population in India since 1951	PPT, PDF
	Population Composition and Characteristics: Age-Sex; Female-Male Ratio	PPT, PDF
	Measures of Fertility and Mortality	PPT, PDF
	Population Composition of India: Rural and Urban, Occupational Structure as per Census of India	PPT, PDF
	Migration: Theories, Causes and Types	PPT, PDF
	Population and development: population-resource regions	PPT, PDF
	<b>DSE - 4 : Soil and Biogeography</b>	
	Soil: Definition, Factors of Formation	PPT, Audio, Video
	Development and Characteristics of an ideal Soil Profile	PPT, Audio, Video
	Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH	PPT, Audio, Video
	Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile Characteristics of Laterite and Podsol	PPT, Audio, Video
	Classification of Soil : Russian and Indian (ICAR)	PPT, Audio, Video
	Soil Degradation and Management	PPT

  
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# DEPARTMENT OF GEOGRAPHY

## Declaration on Use of ICT

2018-2019

Teacher	Unit Name	Mode of ICT
Dr. Kanika Saha	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Degradational processes: Weathering, mass wasting and resultant landforms	PPT
	Models of landscape evolution: Views of Davis, Penck, and Hack	PPT
	Development of river network and landforms on uniclinal and folded structures	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological map study</b>	
	Survey of India Topographical Maps: Reference scheme of Old and Open series	PPT
	Delineation of Drainage Basin from Survey of India Topographical Map. Concept of Relief, Slope and Stream Order.	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Cartograms and Thematic Maps	PPT
	Concept and utility of Isopleths and Choropleth	PPT
	Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)	PPT
	<b>CC 5 (Theory) – Climatology</b>	
	Nature, composition and layering of the atmosphere	PPT
	Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.	PPT
	Weather: stability and instability; barotropic and baroclinic conditions	PPT
	Circulation in the atmosphere: Planetary winds, jet stream and monsoons	PPT
	Climatic classification after Köppen, Thornthwaite (1948)	PPT
	<b>CC8 (Theoretical) : REGIONAL PLANNING AND DEVELOPMENT</b>	
	Types of Planning; Principles and Techniques of Regional Planning	PPT
	Models for Regional Development	PPT
	<b>CC 12 : REMOTE SENSING AND GIS</b>	
	Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.	PPT
	Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data	PPT
	<b>CC 14 : DISASTER MANAGEMENT</b>	
	Hazards mapping: Data and techniques.	PPT
	Earthquake: Factors, vulnerability, consequences and management	PPT
	Landslide: Factors, vulnerability, consequences and management	PPT
Cyclone: Factors, vulnerability, consequences and management	PPT	
Fire: Factors, vulnerability, consequences and management	PPT	
Principles of image interpretation for Forest, Water and Soil	PPT	

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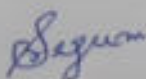
2018-2019

Teacher	Unit Name	Mode of ICT
Dr. Tapasi Karar	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concept, utility, and interpretation of :Climograph	PPT
	Concept, utility, and interpretation of :Hythergraph	PPT
	Concept, utility, and interpretation of : Ergograph	PPT
	<b>CC 7 – Geography of India</b>	
	Geology and physiographic divisions	PPT
	Climate, soil and vegetation: Characteristics and classification	PPT
	Population: Distribution, growth, structure and policy	PPT
	Distribution of population by race, caste, religion, language, tribes	PPT
	Agricultural regions, Green revolution and its consequences	PPT
	Mineral and power resources distribution and utilisation of iron ore, coal,	PPT
	Mineral and power resources distribution and utilisation of petroleum	PPT
	Physical perspectives: Physiographic divisions, forest and water resources	PPT
	Population: Growth, distribution and human development	PPT
	Mining Resources	PPT
	Agricultural Resources	PPT
	Industries of India	PPT
	<b>CC 9 (Theoretical) : ECONOMIC GEOGRAPHY</b>	
	Location Theories: Von Thünenand Alfred Weber	PPT
	Primary Activities: Subsistence and Commercial Agriculture	PPT
	Primary Activities: Forestry	PPT
	Primary Activities:Fishing	PPT



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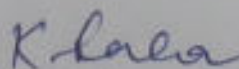


Co-ordinator

I Q A C

Gushkara Mahavidyalaya

Gushkara, Purba Bardhaman



Head of the Department

Dept. of Geography

Guskara Mshavidyalaya

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2019-2020**

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Earth's tectonic and structural evolution and geological time scale	PPT
	Earth's interior with special reference to seismology.	PPT
	Concept of Isostasy: Theories of Airy and Pratt	PPT
	Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological Map Study</b>	
	Maps: Classification and Types. Components of a Map	PPT
	Concept of Scales: Plain, Comparative, Diagonal and Vernier	PPT
	Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection	PPT
	Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement	PPT
	Rocks and minerals.	PPT
	Concept of Bedding Plane, Unconformity and Non-conformity, thickness of Bed, Dip, Throw, Hade, heave	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Bearing: magnetic and true, whole-circle and reduced	PPT
	Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Prismatic Compass	PPT
	Basic concepts of surveying and survey equipments: Dumpy Level	PPT
	Basic concepts of surveying and survey equipments: Transit Theodolite	PPT, Audio, Video
	<b>CC4 (Practical) – Cartograms, Survey and Thematic Mapping</b>	
	Contouring by Dumpy Level and Prismatic Compass	PPT
	Determination of Height of objects using Transit Theodolite	PPT, Audio, Video
	<b>CC 6 (Theory) – Statistical Methods in Geography</b>	
	Importance and significance of Statistics in Geography. Concept of data	PPT, Audio, Video
	Collection of data and formation of statistical tables	PPT, Audio, Video
	Sampling: Need, types, and significance and methods of random sampling	PPT, Audio, Video
	Distribution: frequency, cumulative frequency	PPT, Audio, Video
	Central tendency: Mean, median, mode, partition values	PPT, Audio, Video
	Association and correlation: Rank correlation, product moment correlation	PPT, Audio, Video
	Linear Regression and time series analysis	PPT, Audio, Video
	Construction of data matrix	PPT, Audio, Video
	Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted.	PPT, Audio, Video
	Histograms and frequency curve would be prepared on the dataset.	PPT, Audio, Video
Scatter diagram and regression line	PPT, Audio, Video	

## DEPARTMENT OF GEOGRAPHY

### Declaration on Use of ICT

2019-2020

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 10 : Environmental Geography</b>	
	Geographers' Approach to Environmental Studies	BM
	Changes in Perception of Environment in different stages of Human Civilization	BM
	Ecosystem: Concept, Structure and Functions	PPT
	Environmental Degradation and Pollution: Water and Air	PPT
	Environmental Issues related to Agriculture	PPT
	Urban Environmental issues related to Waste Management	PPT, Audio
	Concept and Issues related to Bio-diversity	PDF
	Environmental Programs and Policies on Forest and Wetland: National and Global	PDF
	<b>CC 11 : Research Methodology and Field Work</b>	
	Research in Geography: Meaning, types and significance	PPT, Audio, Video
	Significance of Literature review in research	PPT, Audio, Video
	Defining research problem, objectives and hypothesis. Research materials and methods	PPT, Audio, Video
	Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	PPT, Audio, Video
	Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork	PPT, Audio, Video
	Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reference to focused group discussions.	PPT, Audio, Video
	<b>CC 13 : Evolution of Geographical Thought</b>	
	Definition, Scope and Content of Geography; Geography as a Spatial Science	PPT
	Geography in Ancient Period: Greek and Roman	PPT
	Development of Geography in Medieval period: Arabian	PPT
	Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	PPT
	Classical Geography in 19th Century: Humboldt, Ritter	PPT
	Quantitative Revolution and its Critique	PPT, Audio
	German School of Thought	PPT
	French School of Thought	PPT
	American School of Thought	PPT
	Indian Contribution to Geography	PPT, Audio
	<b>SEC 1 – Computer Basics and Computer Applications</b>	
	Numbering Systems; Binary Arithmetic	PPT
	Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	PPT, Audio, Video
	Moving Averages, Correlation, Covariance and regression	PPT, Audio, Video
	Scatter diagram and Histogram	PPT, Audio, Video
Internet surfing: generation and extraction of information	PPT, Audio, Video	



**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2019-2020**

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>SEC -2 : Advanced spatial statistical Techniques</b>	
	Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method)	PPT, Audio, Video
	Differences between Spatial and non-Spatial data, Nearest Neighbour Analysis	PPT, Audio, Video
	Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression	PPT, Audio, Video
	Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method	PPT, Audio, Video
	<b>DSE-2 : Population Geography</b>	
	Development of Population Geography; Relation between Population Geography and Demography and Demography	PPT, PDF
	Determinants of Population Dynamics; Concept of Optimum Population	PPT, PDF
	Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model	PPT, PDF
	Distribution, Density and Growth of Population in India since 1951	PPT, PDF
	Population Composition and Characteristics: Age-Sex; Female-Male Ratio	PPT, PDF
	Measures of Fertility and Mortality	PPT, PDF
	Population Composition of India: Rural and Urban, Occupational Structure as per Census of India	PPT, PDF
	Migration: Theories, Causes and Types	PPT, PDF
	Population and development: population-resource regions	PPT, PDF
	<b>DSE - 4 : Soil and Biogeography</b>	
	Soil: Definition, Factors of Formation	PPT, Audio, Video
	Development and Characteristics of an ideal Soil Profile	PPT, Audio, Video
	Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH	PPT, Audio, Video
	Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile Characteristics of Laterite and Podsol	PPT, Audio, Video
	Classification of Soil : Russian and Indian (ICAR)	PPT, Audio, Video
	Soil Degradation and Management	PPT

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**Co-ordinator**  
**IQAC**  
 Gushkara Mahavidyalaya  
 Gushkara, Purba Bardhaman

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**Principal**  
 Gushkara Mahavidyalaya

*Signature*  
 Head of the Department  
 Dept. of Geography  
 Gushkara Mahavidyalaya

**DEPARTMENT OF GEOGRAPHY****Declaration on Use of ICT**

2019-2020

Teacher	Unit Name	Mode of ICT
<b>Dr. Kanika Saha</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Degradational processes: Weathering, mass wasting and resultant landforms	PPT
	Models of landscape evolution: Views of Davis, Penck, and Hack	PPT
	Development of river network and landforms on uniclinal and folded structures	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological map study</b>	
	Survey of India Topographical Maps: Reference scheme of Old and Open series	PPT
	Delineation of Drainage Basin from Survey of India Topographical Map. Concept of Relief, Slope and Stream Order.	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Cartograms and Thematic Maps	PPT
	Concept and utility of Isopleths and Choropleth	PPT
	Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)	PPT
	<b>CC 5 (Theory) – Climatology</b>	
	Nature, composition and layering of the atmosphere	PPT
	Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.	PPT
	Weather: stability and instability; barotropic and baroclinic conditions	PPT
	Circulation in the atmosphere: Planetary winds, jet stream and monsoons	PPT
	Climatic classification after Köppen, Thornthwaite (1948)	PPT
	<b>CC8 (Theoretical) : REGIONAL PLANNING AND DEVELOPMENT</b>	
	Types of Planning; Principles and Techniques of Regional Planning	PPT
	Models for Regional Development	PPT
	<b>CC 12 : REMOTE SENSING AND GIS</b>	
	Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.	PPT
	Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data	PPT
	<b>CC 14 : DISASTER MANAGEMENT</b>	
	Hazards mapping: Data and techniques.	PPT
	Earthquake: Factors, vulnerability, consequences and management	PPT
	Landslide: Factors, vulnerability, consequences and management	PPT
	Cyclone: Factors, vulnerability, consequences and management	PPT
Fire: Factors, vulnerability, consequences and management	PPT	
Principles of image interpretation for Forest, Water and Soil	PPT	

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2019-2020**

Teacher	Unit Name	Mode of ICT
Dr. Tapasi Karar	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concept, utility, and interpretation of :Climograph	PPT
	Concept, utility, and interpretation of :Hythergraph	PPT
	Concept, utility, and interpretation of : Ergograph	PPT
	<b>CC 7 – Geography of India</b>	
	Geology and physiographic divisions	PPT
	Climate, soil and vegetation: Characteristics and classification	PPT
	Population: Distribution, growth, structure and policy	PPT
	Distribution of population by race, caste, religion, language, tribes	PPT
	Agricultural regions, Green revolution and its consequences	PPT
	Mineral and power resources distribution and utilisation of iron ore, coal,	PPT
	Mineral and power resources distribution and utilisation of petroleum	PPT
	Physical perspectives: Physiographic divisions, forest and water resources	PPT
	Population: Growth, distribution and human development	PPT
	Mining Resources	PPT
	Agricultural Resources	PPT
	Industries of India	PPT
	<b>CC 9 (Theoretical) : ECONOMIC GEOGRAPHY</b>	
	Location Theories: Von Thünenand Alfred Weber	PPT
	Primary Activities: Subsistence and Commercial Agriculture	PPT
	Primary Activities: Forestry	PPT
	Primary Activities:Fishing	PPT

  
**Principal**  
**Gushkara Mahavidyalaya**

  
**IQAC**  
**Gushkara Mahavidyalaya**  
**Gushkara, Purba Bardhaman**

  
**Head of the Department**  
**Dept. of Geog. 1011**  
**Gushkara Mahavidyalaya**

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2020-2021**

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Earth's tectonic and structural evolution and geological time scale	PPT
	Earth's interior with special reference to seismology.	PPT
	Concept of Isostasy: Theories of Airy and Pratt	PPT
	Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological Map Study</b>	
	Maps: Classification and Types. Components of a Map	PPT
	Concept of Scales: Plain, Comparative, Diagonal and Vernier	PPT
	Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection	PPT
	Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement	PPT
	Rocks and minerals.	PPT
	Concept of Bedding Plane, Unconformity and Non-conformity, thickness of Bed, Dip, Throw, Hade, heave	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Bearing: magnetic and true, whole-circle and reduced	PPT
	Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Prismatic Compass	PPT
	Basic concepts of surveying and survey equipments: Dumpy Level	PPT
	Basic concepts of surveying and survey equipments: Transit Theodolite	PPT, Audio, Video
	<b>CC4 (Practical) – Cartograms, Survey and Thematic Mapping</b>	
	Contouring by Dumpy Level and Prismatic Compass	PPT
	Determination of Height of objects using Transit Theodolite	PPT, Audio, Video
	<b>CC 6 (Theory) – Statistical Methods in Geography</b>	
	Importance and significance of Statistics in Geography. Concept of data	PPT, Audio, Video
	Collection of data and formation of statistical tables	PPT, Audio, Video
	Sampling: Need, types, and significance and methods of random sampling	PPT, Audio, Video
	Distribution: frequency, cumulative frequency	PPT, Audio, Video
	Central tendency: Mean, median, mode, partition values	PPT, Audio, Video
	Association and correlation: Rank correlation, product moment correlation	PPT, Audio, Video
	Linear Regression and time series analysis	PPT, Audio, Video
	Construction of data matrix	PPT, Audio, Video
Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted.	PPT, Audio, Video	
Histograms and frequency curve would be prepared on the dataset.	PPT, Audio, Video	
Scatter diagram and regression line	PPT, Audio, Video	

## DEPARTMENT OF GEOGRAPHY

### Declaration on Use of ICT

2020-2021

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>CC 10 : Environmental Geography</b>	
	Geographers' Approach to Environmental Studies	BM
	Changes in Perception of Environment in different stages of Human Civilization	BM
	Ecosystem: Concept, Structure and Functions	PPT
	Environmental Degradation and Pollution: Water and Air	PPT
	Environmental Issues related to Agriculture	PPT
	Urban Environmental issues related to Waste Management	PPT
	Concept and Issues related to Bio-diversity	PPT, Audio
	Environmental Programs and Policies on Forest and Wetland: National and Global	PDF
	<b>CC 11 : Research Methodology and Field Work</b>	
	Research in Geography: Meaning, types and significance	PPT, Audio, Video
	Significance of Literature review in research	PPT, Audio, Video
	Defining research problem, objectives and hypothesis. Research materials and methods	PPT, Audio, Video
	Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	PPT, Audio, Video
	Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork	PPT, Audio, Video
	Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reference to focused group discussions.	PPT, Audio, Video
	<b>CC 13 : Evolution of Geographical Thought</b>	
	Definition, Scope and Content of Geography; Geography as a Spatial Science	PPT
	Geography in Ancient Period: Greek and Roman	PPT
	Development of Geography in Medieval period: Arabian	PPT
	Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	PPT
	Classical Geography in 19th Century: Humboldt, Ritter	PPT
	Quantitative Revolution and its Critique	PPT, Audio
	German School of Thought	PPT
	French School of Thought	PPT
	American School of Thought	PPT
	Indian Contribution to Geography	PPT, Audio
	<b>SEC 1 – Computer Basics and Computer Applications</b>	
	Numbering Systems; Binary Arithmetic	PPT
	Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	PPT, Audio, Video
	Moving Averages, Correlation, Covariance and regression	PPT, Audio, Video
	Scatter diagram and Histogram	PPT, Audio, Video
	Internet surfing: generation and extraction of information	PPT, Audio, Video

**DEPARTMENT OF GEOGRAPHY**

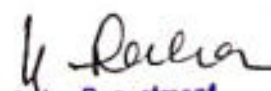
**Declaration on Use of ICT**

**2020-2021**

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>SEC -2 : Advanced spatial statistical Techniques</b>	
	Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method)	PPT, Audio, Video
	Differences between Spatial and non-Spatial data, Nearest Neighbour Analysis	PPT, Audio, Video
	Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression	PPT, Audio, Video
	Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method	PPT, Audio, Video
	<b>DSE-2 : Population Geography</b>	
	Development of Population Geography; Relation between Population Geography and Demography and Demography	PPT, PDF
	Determinants of Population Dynamics; Concept of Optimum Population	PPT, PDF
	Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model	PPT, PDF
	Distribution, Density and Growth of Population in India since 1951	PPT, PDF
	Population Composition and Characteristics: Age-Sex; Female-Male Ratio	PPT, PDF
	Measures of Fertility and Mortality	PPT, PDF
	Population Composition of India: Rural and Urban, Occupational Structure as per Census of India	PPT, PDF
	Migration: Theories, Causes and Types	PPT, PDF
	Population and development: population-resource regions	PPT, PDF
	<b>DSE - 4 : Soil and Biogeography</b>	
	Soil: Definition, Factors of Formation	PPT, Audio, Video
	Development and Characteristics of an ideal Soil Profile	PPT, Audio, Video
	Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH	PPT, Audio, Video
	Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile Characteristics of Laterite and Podsol	PPT, Audio, Video
	Classification of Soil : Russian and Indian (ICAR)	PPT, Audio, Video
	Soil Degradation and Management	PPT

  
**Co-ordinator**  
**I Q A C**  
 Guskara Mahavidyalaya  
 Guskara, Purba Bardhaman

  
**Principal**  
 Guskara Mahavidyalaya

  
**Head of the Department**  
 Dept. of Geography  
 Guskara Mahavidyalaya

# DEPARTMENT OF GEOGRAPHY

## Declaration on Use of ICT

2020-2021

Teacher	Unit Name	Mode of ICT
<b>Dr. Kanika Saha</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Degradational processes: Weathering, mass wasting and resultant landforms	PPT
	Models of landscape evolution: Views of Davis, Penck, and Hack	PPT
	Development of river network and landforms on uniclinal and folded structures	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological map study</b>	
	Survey of India Topographical Maps: Reference scheme of Old and Open series	PPT
	Delineation of Drainage Basin from Survey of India Topographical Map. Concept of Relief, Slope and Stream Order.	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Cartograms and Thematic Maps	PPT
	Concept and utility of Isopleths and Choropleth	PPT
	Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)	PPT
	<b>CC 5 (Theory) – Climatology</b>	
	Nature, composition and layering of the atmosphere	PPT
	Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.	PPT
	Weather: stability and instability; barotropic and baroclinic conditions	PPT
	Circulation in the atmosphere: Planetary winds, jet stream and monsoons	PPT
	Climatic classification after Köppen, Thornthwaite (1948)	PPT
	<b>CC8 (Theoretical) : REGIONAL PLANNING AND DEVELOPMENT</b>	
	Types of Planning; Principles and Techniques of Regional Planning	PPT
	Models for Regional Development	PPT
	<b>CC 12 : REMOTE SENSING AND GIS</b>	
	Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.	PPT
	Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data	PPT
	<b>CC 14 : DISASTER MANAGEMENT</b>	
	Hazards mapping: Data and techniques.	PPT
	Earthquake: Factors, vulnerability, consequences and management	PPT
	Landslide: Factors, vulnerability, consequences and management	PPT
Cyclone: Factors, vulnerability, consequences and management	PPT	
Fire: Factors, vulnerability, consequences and management	PPT	
Principles of image interpretation for Forest, Water and Soil	PPT	

# DEPARTMENT OF GEOGRAPHY

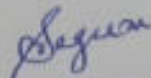
## Declaration on Use of ICT

2020-2021

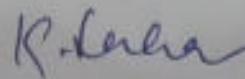
Teacher	Unit Name	Mode of ICT
Dr. Tapasi Karar	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concept, utility, and interpretation of :Climograph	PPT
	Concept, utility, and interpretation of :Hythergraph	PPT
	Concept, utility, and interpretation of : Ergograph	PPT
	<b>CC 7 – Geography of India</b>	
	Geology and physiographic divisions	PPT
	Climate, soil and vegetation: Characteristics and classification	PPT
	Population: Distribution, growth, structure and policy	PPT
	Distribution of population by race, caste, religion, language, tribes	PPT
	Agricultural regions, Green revolution and its consequences	PPT
	Mineral and power resources distribution and utilisation of Iron ore, coal,	PPT
	Mineral and power resources distribution and utilisation of petroleum	PPT
	Physical perspectives: Physiographic divisions, forest and water resources	PPT
	Population: Growth, distribution and human development	PPT
	Mining Resources	PPT
	Agricultural Resources	PPT
	Industries of India	PPT
	<b>CC 9 (Theoretical) : ECONOMIC GEOGRAPHY</b>	
	Location Theories: Von Thünenand Alfred Weber	PPT
	Primary Activities: Subsistence and Commercial Agriculture	PPT
	Primary Activities: Forestry	PPT
	Primary Activities:Fishing	PPT



Principal  
Gushkara Mahavidyalaya



Co-ordinator  
IQAC  
Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman



Head of the Department  
Dept. of Geography  
Gushkara Mahavidyalaya



**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Earth's tectonic and structural evolution and geological time scale	PPT
	Earth's interior with special reference to seismology.	PPT
	Concept of Isostasy: Theories of Airy and Pratt	PPT
	Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological Map Study</b>	
	Maps: Classification and Types. Components of a Map	PPT
	Concept of Scales: Plain, Comparative, Diagonal and Vernier	PPT
	Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection	PPT
	Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement	PPT
	Rocks and minerals.	PPT
	Concept of Bedding Plane, Unconformity and Non-conformity, thickness of Bed, Dip, Throw, Hade, heave	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Bearing: magnetic and true, whole-circle and reduced	PPT
	Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Prismatic Compass	PPT
	Basic concepts of surveying and survey equipments: Dumpy Level	PPT
	Basic concepts of surveying and survey equipments: Transit Theodolite	PPT, Audio, Video
	<b>CC4 (Practical) – Cartograms, Survey and Thematic Mapping</b>	
	Contouring by Dumpy Level and Prismatic Compass	PPT
	Determination of Height of objects using Transit Theodolite	PPT, Audio, Video
	<b>CC 6 (Theory) – Statistical Methods in Geography</b>	
	Importance and significance of Statistics in Geography. Concept of data	PPT, Audio, Video
	Collection of data and formation of statistical tables	PPT, Audio, Video
	Sampling: Need, types, and significance and methods of random sampling	PPT, Audio, Video
	Distribution: frequency, cumulative frequency	PPT, Audio, Video
	Central tendency: Mean, median, mode, partition values	PPT, Audio, Video
	Association and correlation: Rank correlation, product moment correlation	PPT, Audio, Video
	Linear Regression and time series analysis	PPT, Audio, Video
	Construction of data matrix	PPT, Audio, Video
Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted.	PPT, Audio, Video	
Histograms and frequency curve would be prepared on the dataset.	PPT, Audio, Video	
Scatter diagram and regression line	PPT, Audio, Video	

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>CC 10 : Environmental Geography</b>	
	Geographers' Approach to Environmental Studies	BM
	Changes in Perception of Environment in different stages of Human Civilization	BM
	Ecosystem: Concept, Structure and Functions	PPT
	Environmental Degradation and Pollution: Water and Air	PPT
	Environmental Issues related to Agriculture	PPT
	Urban Environmental issues related to Waste Management	PPT
	Concept and Issues related to Bio-diversity	PPT , Audio
	Environmental Programs and Policies on Forest and Wetland: National and Global	PDF
	<b>CC 11 : Research Methodology and Field Work</b>	
	Research in Geography: Meaning, types and significance	PPT, Audio, Video
	Significance of Literature review in research	PPT, Audio, Video
	Defining research problem, objectives and hypothesis. Research materials and methods	PPT, Audio, Video
	Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	PPT, Audio, Video
	Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork	PPT, Audio, Video
	Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reference to focused group discussions.	PPT, Audio, Video
	<b>CC 13 : Evolution of Geographical Thought</b>	
	Definition, Scope and Content of Geography; Geography as a Spatial Science	PPT
	Geography in Ancient Period: Greek and Roman	PPT
	Development of Geography in Medieval period: Arabian	PPT
	Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	PPT
	Classical Geography in 19th Century: Humboldt, Ritter	PPT
	Quantitative Revolution and its Critique	PPT, Audio
	German School of Thought	PPT
	French School of Thought	PPT
	American School of Thought	PPT
	Indian Contribution to Geography	PPT, Audio
	<b>SEC 1 – Computer Basics and Computer Applications</b>	
	Numbering Systems; Binary Arithmetic	PPT
	Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	PPT, Audio, Video
	Moving Averages, Correlation, Covariance and regression	PPT, Audio, Video
	Scatter diagram and Histogram	PPT, Audio, Video
	Internet surfing: generation and extraction of information	PPT, Audio, Video

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>SEC -2 : Advanced spatial statistical Techniques</b>	
	Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method)	PPT, Audio, Video
	Differences between Spatial and non-Spatial data, Nearest Neighbour Analysis	PPT, Audio, Video
	Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression	PPT, Audio, Video
	Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method	PPT, Audio, Video
	<b>DSE-2 : Population Geography</b>	
	Development of Population Geography; Relation between Population Geography and Demography and Demography	PPT, PDF
	Determinants of Population Dynamics; Concept of Optimum Population	PPT, PDF
	Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model	PPT, PDF
	Distribution, Density and Growth of Population in India since 1951	PPT, PDF
	Population Composition and Characteristics: Age-Sex; Female-Male Ratio	PPT, PDF
	Measures of Fertility and Mortality	PPT, PDF
	Population Composition of India: Rural and Urban, Occupational Structure as per Census of India	PPT, PDF
	Migration: Theories, Causes and Types	PPT, PDF
	Population and development: population-resource regions	PPT, PDF
	<b>DSE - 4 : Soil and Biogeography</b>	
	Soil: Definition, Factors of Formation	PPT, Audio, Video
	Development and Characteristics of an ideal Soil Profile	PPT, Audio, Video
	Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH	PPT, Audio, Video
	Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile	PPT, Audio, Video
	Characteristics of Laterite and Podsol	PPT, Audio, Video
	Classification of Soil : Russian and Indian (ICAR)	PPT, Audio, Video
	Soil Degradation and Management	PPT

*Signature*

**Co-ordinator**  
**IQAC**  
 Gushkara Mahavidyalaya  
 Gushkara, Purba Bardhaman

*Signature*

**Principal**  
 Gushkara Mahavidyalaya

*Signature*

**Head of the Department**  
 Dept. of Geography  
 Gushkara Mahavidyalaya

# DEPARTMENT OF GEOGRAPHY

## Declaration on Use of ICT

2022-2023

Teacher	Unit Name	Mode of ICT
Dr. Kanika Saha	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Degradational processes: Weathering, mass wasting and resultant landforms	PPT
	Models of landscape evolution: Views of Davis, Penck, and Hack	PPT
	Development of river network and landforms on uniclinal and folded structures	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological map study</b>	
	Survey of India Topographical Maps: Reference scheme of Old and Open series	PPT
	Delineation of Drainage Basin from Survey of India Topographical Map. Concept of Relief, Slope and Stream Order.	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Cartograms and Thematic Maps	PPT
	Concept and utility of Isopleths and Choropleth	PPT
	Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)	PPT
	<b>CC 5 (Theory) – Climatology</b>	
	Nature, composition and layering of the atmosphere	PPT
	Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.	PPT
	Weather: stability and instability; barotropic and baroclinic conditions	PPT
	Circulation in the atmosphere: Planetary winds, jet stream and monsoons	PPT
	Climatic classification after Köppen, Thornthwaite (1948)	PPT
	<b>CC8 (Theoretical) : REGIONAL PLANNING AND DEVELOPMENT</b>	
	Types of Planning; Principles and Techniques of Regional Planning	PPT
	Models for Regional Development	PPT
	<b>CC 12 : REMOTE SENSING AND GIS</b>	
	Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.	PPT
	Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data	PPT
	<b>CC 14 : DISASTER MANAGEMENT</b>	
	Hazards mapping: Data and techniques.	PPT
	Earthquake: Factors, vulnerability, consequences and management	PPT
	Landslide: Factors, vulnerability, consequences and management	PPT
	Cyclone: Factors, vulnerability, consequences and management	PPT
Fire: Factors, vulnerability, consequences and management	PPT	
Principles of image interpretation for Forest, Water and Soil	PPT	

# DEPARTMENT OF GEOGRAPHY

## Declaration on Use of ICT

2022-2023

Teacher	Unit Name	Mode of ICT
Dr. Tapasi Karar	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concept, utility, and interpretation of :Climograph	PPT
	Concept, utility, and interpretation of :Hythergraph	PPT
	Concept, utility, and interpretation of : Ergograph	PPT
	<b>CC 7 – Geography of India</b>	
	Geology and physiographic divisions	PPT
	Climate, soil and vegetation: Characteristics and classification	PPT
	Population: Distribution, growth, structure and policy	PPT
	Distribution of population by race, caste, religion, language, tribes	PPT
	Agricultural regions, Green revolution and its consequences	PPT
	Mineral and power resources distribution and utilisation of iron ore, coal,	PPT
	Mineral and power resources distribution and utilisation of petroleum	PPT
	Physical perspectives: Physiographic divisions, forest and water resources	PPT
	Population: Growth, distribution and human development	PPT
	Mining Resources	PPT
	Agricultural Resources	PPT
	Industries of India	PPT
	<b>CC 9 (Theoretical) : ECONOMIC GEOGRAPHY</b>	
	Location Theories: Von Thünen and Alfred Weber	PPT
	Primary Activities: Subsistence and Commercial Agriculture	PPT
	Primary Activities: Forestry	PPT
Primary Activities:Fishing	PPT	



Principal  
Gushkara Mahavidyalaya



Co-ordinator  
IQAC  
Gushkara Mahavidyalaya  
Gushkara, Purba Bardhaman



Head of the Department  
Dept. of Geography  
Gushkara Mshavidyalaya

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
<b>Dr. Biswajit Mitra</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Earth's tectonic and structural evolution and geological time scale	PPT
	Earth's interior with special reference to seismology.	PPT
	Concept of Isostasy: Theories of Airy and Pratt	PPT
	Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological Map Study</b>	
	Maps: Classification and Types. Components of a Map	PPT
	Concept of Scales: Plain, Comparative, Diagonal and Vernier	PPT
	Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection	PPT
	Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement	PPT
	Rocks and minerals.	PPT
	Concept of Bedding Plane, Unconformity and Non-conformity, thickness of Bed, Dip, Throw, Hade, heave	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Bearing: magnetic and true, whole-circle and reduced	PPT
	Basic concepts of surveying and survey equipments: Abneys Level, Clinometer	PPT, Audio, Video
	Basic concepts of surveying and survey equipments: Prismatic Compass	PPT
	Basic concepts of surveying and survey equipments: Dumpy Level	PPT
	Basic concepts of surveying and survey equipments: Transit Theodolite	PPT, Audio, Video
	<b>CC4 (Practical) – Cartograms, Survey and Thematic Mapping</b>	
	Contouring by Dumpy Level and Prismatic Compass	PPT
	Determination of Height of objects using Transit Theodolite	PPT, Audio, Video
	<b>CC 6 (Theory) – Statistical Methods in Geography</b>	
	Importance and significance of Statistics in Geography. Concept of data	PPT, Audio, Video
	Collection of data and formation of statistical tables	PPT, Audio, Video
	Sampling: Need, types, and significance and methods of random sampling	PPT, Audio, Video
	Distribution: frequency, cumulative frequency	PPT, Audio, Video
	Central tendency: Mean, median, mode, partition values	PPT, Audio, Video
	Association and correlation: Rank correlation, product moment correlation	PPT, Audio, Video
	Linear Regression and time series analysis	PPT, Audio, Video
	Construction of data matrix	PPT, Audio, Video
Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted.	PPT, Audio, Video	
Histograms and frequency curve would be prepared on the dataset.	PPT, Audio, Video	
Scatter diagram and regression line	PPT, Audio, Video	

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>CC 10 : Environmental Geography</b>	
	Geographers' Approach to Environmental Studies	BM
	Changes in Perception of Environment in different stages of Human Civilization	BM
	Ecosystem: Concept, Structure and Functions	PPT
	Environmental Degradation and Pollution: Water and Air	PPT
	Environmental Issues related to Agriculture	PPT
	Urban Environmental issues related to Waste Management	PPT
	Concept and Issues related to Bio-diversity	PPT , Audio
	Environmental Programs and Policies on Forest and Wetland: National and Global	PDF
	<b>CC 11 : Research Methodology anfd Field Work</b>	
	Research in Geography: Meaning, types and significance	PPT, Audio, Video
	Significance of Literature review in research	PPT, Audio, Video
	Defining research problem, objectives and hypothesis. Research materials and methods	PPT, Audio, Video
	Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	PPT, Audio, Video
	Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork	PPT, Audio, Video
	Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reverence to focused group discussions.	PPT, Audio, Video
	<b>CC 13 : Evolution of Geographical Thought</b>	
	Definition, Scope and Content of Geography; Geography as a Spatial Science	PPT
	Geography in Ancient Period: Greek and Roman	PPT
	Development of Geography in Medieval period: Arabian	PPT
	Development of Mapping and Knowledge about the World Regional Geography in the Age of Explorations	PPT
	Classical Geography in 19th Century: Humboldt, Ritter	PPT
	Quantitative Revolution and its Critique	PPT, Audio
	German School of Thought	PPT
	French School of Thought	PPT
	American School of Thought	PPT
	Indian Contribution to Geography	PPT, Audio
	<b>SEC 1 – Computer Basics and Computer Applications</b>	
	Numbering Systems; Binary Arithmetic	PPT
	Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation,	PPT, Audio, Video
	Moving Averages, Correlation, Covariance and regression	PPT, Audio, Video
	Scatter diagram and Histogram	PPT, Audio, Video
	Internet surfing: generation and extraction of information	PPT, Audio, Video

**DEPARTMENT OF GEOGRAPHY**  
**Declaration on Use of ICT**  
**2022-2023**

Teacher	Unit Name	Mode of ICT
Dr. Biswajit Mitra	<b>SEC -2 : Advanced spatial statistical Techniques</b>	
	Concept of Probability and Normal Distribution and their Geographical Applications, Skewness (Pearson's Method)	PPT, Audio, Video
	Differences between Spatial and non-Spatial data, Nearest Neighbour Analysis	PPT, Audio, Video
	Correlation and Regression Analysis, t-test, Spearman's Rank Correlation, Product Moment Correlation; Linear Regression	PPT, Audio, Video
	Time Series Analysis; Smoothing time series by Least Square and/or Moving Average Method	PPT, Audio, Video
	<b>DSE-2 : Population Geography</b>	
	Development of Population Geography; Relation between Population Geography and Demography and Demography	PPT, PDF
	Determinants of Population Dynamics; Concept of Optimum Population	PPT, PDF
	Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model	PPT, PDF
	Distribution, Density and Growth of Population in India since 1951	PPT, PDF
	Population Composition and Characteristics: Age-Sex; Female-Male Ratio	PPT, PDF
	Measures of Fertility and Mortality	PPT, PDF
	Population Composition of India: Rural and Urban, Occupational Structure as per Census of India	PPT, PDF
	Migration: Theories, Causes and Types	PPT, PDF
	Population and development: population-resource regions	PPT, PDF
	<b>DSE - 4 : Soil and Biogeography</b>	
	Soil: Definition, Factors of Formation	PPT, Audio, Video
	Development and Characteristics of an ideal Soil Profile	PPT, Audio, Video
	Physical and Chemical Properties of Soil with special reference to Texture, Structure, Organic Carbon and pH	PPT, Audio, Video
	Concept of Zonal, Azonal and Intrazonal Soil; Formation and Profile	PPT, Audio, Video
	Characteristics of Laterite and Podsol	PPT, Audio, Video
	Classification of Soil : Russian and Indian (ICAR)	PPT, Audio, Video
	Soil Degradation and Management	PPT

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**IQAC**  
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**Gushkara, Purba Bardhaman**

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**Dept. of Geography**  
**Gushkara Mahavidyalaya**



**DEPARTMENT OF GEOGRAPHY****Declaration on Use of ICT**

2022-2023

Teacher	Unit Name	Mode of ICT
<b>Dr. Kanika Saha</b>	<b>CC 1 - Geotectonics and Geomorphology</b>	
	Degradational processes: Weathering, mass wasting and resultant landforms	PPT
	Models of landscape evolution: Views of Davis, Penck, and Hack	PPT
	Development of river network and landforms on uniclinal and folded structures	PPT
	<b>CC2 (Theory) – Cartographic Techniques and Geological map study</b>	
	Survey of India Topographical Maps: Reference scheme of Old and Open series	PPT
	Delineation of Drainage Basin from Survey of India Topographical Map. Concept of Relief, Slope and Stream Order.	PPT
	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concepts of Cartograms and Thematic Maps	PPT
	Concept and utility of Isopleths and Choropleth	PPT
	Preparation and interpretation of demographic charts and diagrams (Age-Sex Pyramid)	PPT
	<b>CC 5 (Theory) – Climatology</b>	
	Nature, composition and layering of the atmosphere	PPT
	Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.	PPT
	Weather: stability and instability; barotropic and baroclinic conditions	PPT
	Circulation in the atmosphere: Planetary winds, jet stream and monsoons	PPT
	Climatic classification after Köppen, Thornthwaite (1948)	PPT
	<b>CC8 (Theoretical) : REGIONAL PLANNING AND DEVELOPMENT</b>	
	Types of Planning; Principles and Techniques of Regional Planning	PPT
	Models for Regional Development	PPT
	<b>CC 12 : REMOTE SENSING AND GIS</b>	
	Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.	PPT
	Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data	PPT
	<b>CC 14 : DISASTER MANAGEMENT</b>	
	Hazards mapping: Data and techniques.	PPT
	Earthquake: Factors, vulnerability, consequences and management	PPT
	Landslide: Factors, vulnerability, consequences and management	PPT
	Cyclone: Factors, vulnerability, consequences and management	PPT
Fire: Factors, vulnerability, consequences and management	PPT	
Principles of image interpretation for Forest, Water and Soil	PPT	

# DEPARTMENT OF GEOGRAPHY

## Declaration on Use of ICT

2022-2023

Teacher	Unit Name	Mode of ICT
Dr. Tapasi Karar	<b>CC4 (Theory) – Cartograms, Survey and Thematic Mapping</b>	
	Concept, utility, and interpretation of :Climograph	PPT
	Concept, utility, and interpretation of :Hythergraph	PPT
	Concept, utility, and interpretation of : Ergograph	PPT
	<b>CC 7 – Geography of India</b>	
	Geology and physiographic divisions	PPT
	Climate, soil and vegetation: Characteristics and classification	PPT
	Population: Distribution, growth, structure and policy	PPT
	Distribution of population by race, caste, religion, language, tribes	PPT
	Agricultural regions, Green revolution and its consequences	PPT
	Mineral and power resources distribution and utilisation of iron ore, coal,	PPT
	Mineral and power resources distribution and utilisation of petroleum	PPT
	Physical perspectives: Physiographic divisions, forest and water resources	PPT
	Population: Growth, distribution and human development	PPT
	Mining Resources	PPT
	Agricultural Resources	PPT
	Industries of India	PPT
	<b>CC 9 (Theoretical) : ECONOMIC GEOGRAPHY</b>	
	Location Theories: Von Thünen and Alfred Weber	PPT
	Primary Activities: Subsistence and Commercial Agriculture	PPT
	Primary Activities: Forestry	PPT
Primary Activities:Fishing	PPT	



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Gushkara Mshavidyalaya

**Department of MUSIC**  
**Gushkara Mahavidyalaya**


Summary sheet of ICT mode of Learning of Department of MUSIC

2018-19

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT & PDF.)
MONAMI CHONGDAR	Semester-1 & Semester-3	SWARA (CC-1A)	PPT & PDF
		JATI (CC-1A)	PPT & PDF
		THAT (CC-1A)	PPT & PDF
		MUSICAL INSTRUMENTS DURING THE IVC (CC-1C)	PPT & PDF
		KHYAL (CC-1C)	PPT & PDF
		TAAL (CC-1A)	PPT & PDF
		VENKATMUKHI 72 THAT SYSTEM (CC-1A)	PPT & PDF
		AKARMATRIK NOTATION SYSTEM (CC-1C)	PPT & PDF
		HINDUSTHANI NOTATION SYSTEM (CC-1C)	PPT & PDF
BRATATI MAJUMDER			

  
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Gushkara Mahavidyalaya  
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Gushkara Mahavidyalaya  
HOD  
Department of Music  
Gushkara Mahavidyalaya

2019-20

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT&PDF)
MONAMI CHONGDAR	Semester-1 & Semester-3	SWARA (CC-1A)	PPT & PDF
		JATI (CC-1A)	PPT & PDF
		THAT(CC-1A)	PPT & PDF
		MUSICAL INSTRUMENTS DURING THE IVC (CC-1C)	PPT & PDF
		KHYAL (CC-1C)	PPT & PDF
BRATATI MAJUMDER		TAAL (CC-1A)	PPT & PDF
		VENKATMUKHI 72 THAT SYSTEM (CC-1A)	PPT & PDF
		LAYKARI (CC-1A)	PPT & PDF
		AKARMATRIK NOTATION SYSTEM (CC-1C)	PPT & PDF
		HINDUSTHANI NOTATION SYSTEM (CC-1C)	PPT & PDF

  
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Gushkara Mahavidyalaya

2020-21

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT & PDF.)
MONAMI CHONGDAR	Semester-1 & Semester-3	SWARA (CC-1A)	PPT & PDF
		JATI (CC-1A)	PPT & PDF
		THAT(CC-1A)	PPT & PDF
		MUSICAL INSTRUMENTS DURING THE IVC (CC-1C)	PPT & PDF
		KHYAL (CC-1C)	PPT & PDF
		TAAL (CC-1A)	PPT & PDF
BRATATI MAJUMDER		VENKATMUKHI 72 THAT SYSTEM (CC-1A)	PPT & PDF
		LAYKARI (CC-1A)	PPT & PDF
		AKARMATRIK NOTATION SYSTEM (CC-1C)	PPT & PDF
	HINDUSTHANI NOTATION SYSTEM (CC-1C)	PPT & PDF	



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2021-22

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT & PDF)
MONAMI CHONGDAR	Semester-1 & Semester-3	SWARA (CC-1A)	PPT & PDF
		JATI (CC-1A)	PPT & PDF
		THAT(CC-1A)	PPT & PDF
		MUSICAL INSTRUMENTS DURING THE IVC (CC-1C)	PPT & PDF
		KHYAL (CC-1C)	PPT & PDF
		TAAL (CC-1A)	PPT & PDF
BRATATI MAJUMDER		VENKATMUKHI 72 THAT SYSTEM (CC-1A)	PPT & PDF
		LAYKARI (CC-1A)	PPT & PDF
		AKARMATRIK NOTATION SYSTEM (CC-1C)	PPT & PDF
		HINDUSTHANI NOTATION SYSTEM (CC-1C)	PPT & PDF



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2022-23

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho (PPT & PDF)
MONAMI CHONGDAR	Semester-1 & Semester-3	SWARA (CC-1A)	PPT & PDF
		JATI (CC-1A)	PPT & PDF
		THAT(CC-1A)	PPT & PDF
		MUSICAL INSTRUMENTS DURING THE IVC (CC-1C)	PPT & PDF
		KHYAL (CC-1C)	PPT & PDF
		TAAL (CC-1A)	PPT & PDF
		VENKATMUKHI 72 THAT SYSTEM (CC-1A)	PPT & PDF
		LAYKARI (CC-1A)	PPT & PDF
		AKARMATRIK NOTATION SYSTEM (CC-1C)	PPT & PDF
		HINDUSTHANI NOTATION SYSTEM (CC-1C)	PPT & PDF
BRATATI MAJUMDER			



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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session: 2018-2019						
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)
1.	Sem I	CC-1	Unit 2	Blood Clotting System	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 1	Structure of Cell	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-2	Unit 2	Genetic Structure & Nutritional Values	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Proteinisation	ATYA SAHANA (Department of Nutrition)	PPT & PDF
2.	Sem II	CC-3	Unit 1	Physiology of Urine Excretion	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 4	Endocrine System	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-4	Unit 1	Concept of Health, Nutrition, Growth & Development	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 2	Vitamins	ATYA SAHANA (Department of Nutrition)	PPT & PDF
3.	Sem III	CC-5	Unit 1	TCA Cycle	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 4	Mechanisms of Enzyme Action	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-6	Unit 3	Nutrition During Pregnancy	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Geriatric Nutrition	ATYA SAHANA (Department of Nutrition)	PPT & PDF
		CC-7	Unit 1	General Idea of Diet Therapy	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Viral Hepatitis	ATYA SAHANA (Department of Nutrition)	PPT & PDF
		SEC-4	Unit 2	Waste disposal & its Environmental Management	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF
4.	Sem IV	CC-8	Unit 3	Communication in Nutrition & Health Education	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Immunisation Programme	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-9	Unit 4	Concept of Disease	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Epidemiology	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-10	Unit 3	Diabetes Mellitus	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Atherosclerosis	SANTU NANDI (Department of Nutrition)	PPT & PDF
SEC-3	Unit 1	Concept of Immunity	POULAMI ROY (Department of Zoology)	PPT & PDF		
5.	Sem V	CC-11	Unit 1	Fermentation	ATYA SAHANA (Department of Nutrition)	PPT & PDF
			Unit 4	Bacterial Growth	ATYA SAHANA (Department of Nutrition)	PPT & PDF
		CC-12	Unit 1	Bird pathogen Interaction	SANTU NANDI (Department of Nutrition)	PPT & PDF

GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session: 2018-2019						
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)
6.	Sem VI	DSE-1	Unit 6	Bacterial Structure	ATYA SAHANA (Department of Nutrition)	PPT & PDF
			Unit 8	Rum	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Oncomarkers	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 1	Nucleic Acid	SANTU NANDI (Department of Nutrition)	PPT & PDF
		DSE-2	Unit 4	DNA Replication	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Dietary fibre	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-13	Unit 6	Genetically modified food	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 1	HACCAP	SANTU NANDI (Department of Nutrition)	PPT & PDF
DSE-3	Unit 4	Food Adulteration	SANTU NANDI (Department of Nutrition)	PPT & PDF		
	Unit 1	Fundamental of research	SANTU NANDI (Department of Nutrition)	PPT & PDF		
DSE-4	Unit 2	Health Planning	SANTU NANDI (Department of Nutrition)	PPT & PDF		
	Unit 2	Preservation by Low & High Temperature	SANTU NANDI (Department of Nutrition)	PPT & PDF		
			Unit 3	Preservation by Moisture Control	SANTU NANDI (Department of Nutrition)	PPT & PDF

  
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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session: 2019-2020						
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lectures)
1.	Sem I	CC-1	Unit 0	Blood Grouping System	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 1	Structure of Cell	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-2	Unit 2	Cellular Structure & Nutritional Values	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 3	Fermentation	RIMPA KAR (Department of Nutrition)	PPT & PDF
2.	Sem II	CC-3	Unit 1	Physiology of Urine Formation	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 4	Endocrine System	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-4	Unit 1	Concept of Health, Nutrition, Growth & Development	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 2	Vitamins	RIMPA KAR (Department of Nutrition)	PPT & PDF
3.	Sem III	CC-5	Unit 1	TCA Cycle	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 4	Mechanism of Enzyme Action	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-6	Unit 3	Nutrition During Pregnancy	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 5	Geriatric Nutrition	RIMPA KAR (Department of Nutrition)	PPT & PDF
		CC-7	Unit 1	General Idea of Diet Therapy	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Viral Hepatitis	SANTU NANDI (Department of Nutrition)	PPT & PDF
		SEC-1	Unit 3	Alcohol Dependence & Its Treatment, Management	RIMPA KAR (Department of Nutrition)	PPT & PDF
4.	Sem IV	CC-8	Unit 3	Communication in Nutrition & Health Education	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Immunization Programme	SANTU NANDI (Department of Nutrition)	PPT & PDF
		CC-9	Unit 4	Concept of Disease	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 5	Epidemiology	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Diabetes Mellitus	RIMPA KAR (Department of Nutrition)	PPT & PDF
		SEC-2	Unit 3	Atherosclerosis	RIMPA KAR (Department of Nutrition)	PPT & PDF
Unit 1	Concept of Immunity		RIMPA KAR (Department of Nutrition)	PPT & PDF		
5.	Sem V	CC-11	Unit 1	Fermentation	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 4	Bacterial Growth	RIMPA KAR (Department of Nutrition)	PPT & PDF
		CC-12	Unit 1	Host pathogen interaction	RIMPA KAR (Department of Nutrition)	PPT & PDF

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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session: 2019-2020						
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lectures)
4.	Sem VI	DSE-1	Unit 1	Bacterial Structure	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 2	Burns	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Osteoarthritis	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 1	Nucleic Acid	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 4	DNA Replication	RIMPA KAR (Department of Nutrition)	PPT & PDF
		DSE-2	Unit 3	Dietary fibre	RIMPA KAR (Department of Nutrition)	PPT & PDF
			Unit 5	Genetically modified food	RIMPA KAR (Department of Nutrition)	PPT & PDF
		CC-13	Unit 1	HAACP	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 4	Food Adulteration	SANTU NANDI (Department of Nutrition)	PPT & PDF
		DSE-3	Unit 1	Data & Data Types	MARBENDEI KAKSHIY (Department of Zoology)	PPT & PDF
Unit 4	Hypothesis		MARBENDEI KAKSHIY (Department of Zoology)	PPT & PDF		
Unit 2	Preservation by Low & High temperature		RIMPA KAR (Department of Nutrition)	PPT & PDF		
DSE-4	Unit 3	Unit 1	Preservation by Moisture Control	RIMPA KAR (Department of Nutrition)	PPT & PDF	

  
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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session 2020-2021							
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)	
1.	Sem I	CC-1	Unit 1	Structure of Cell	RUBINDU KHAYUN (Department of Zoology)	PPT & PDF	
			Unit 2	Blood Grouping System	RUBINDU KHAYUN (Department of Zoology)	PPT & PDF	
			Unit 3	Structure & Functions of GI Tract	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF	
	CC-2	Unit 1	Food Pyramid	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 2	Genals Structure & Nutritional Values	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 3	Pasteurization	SANTU NANDI (Department of Nutrition)	PPT & PDF		
2.	Sem II	CC-3	Unit 1	Physiology of Urine Formation	RUBINDU KHAYUN (Department of Zoology)	PPT & PDF	
			Unit 2	Endocrine System	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF	
3.	Sem III	CC-4	Unit 1	Concept of Health, Nutrition, Growth & Development	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 2	Vitamins	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 3	TCA Cycle	SAURABH SARKAR (Department of Zoology)	PPT & PDF	
		CC-5	Unit 1	Beta Oxidation	SAURABH SARKAR (Department of Zoology)	PPT & PDF	
			Unit 2	Mechanism of Enzyme Action	SAURABH SARKAR (Department of Zoology)	PPT & PDF	
			Unit 3	Nutrition During Pregnancy	SANTU NANDI (Department of Nutrition)	PPT & PDF	
	CC-6	Unit 1	Geriatric Nutrition	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 2	General Idea of Diet Therapy	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 3	Viral Hepatitis	SANTU NANDI (Department of Nutrition)	PPT & PDF		
	4.	Sem IV	SEC-1	Unit 1	Sewage Disposal & Its Treatment Management	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF
				Unit 2	Communication in Nutrition & Health Education	SANTU NANDI (Department of Nutrition)	PPT & PDF
			CC-8	Unit 1	Immunisation Programme	SANTU NANDI (Department of Nutrition)	PPT & PDF
Unit 2				Concept of Disease	SANTU NANDI (Department of Nutrition)	PPT & PDF	
CC-9			Unit 1	Epidemiology	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 2	Diabetes Mellitus	SANTU NANDI (Department of Nutrition)	PPT & PDF	
CC-10	Unit 1	Atherosclerosis	SANTU NANDI (Department of Nutrition)	PPT & PDF			
SEC-2	Unit 1	Concept of Immunity	SAURABH SARKAR (Department of Zoology)	PPT & PDF			

GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Session 2020-2021							
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)	
5.	Sem V	CC-11	Unit 4	Toxicology	SAURABH SARKAR (Department of Zoology)	PPT & PDF	
			Unit 1	Fermentation	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 4	Bacterial Growth	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 1	Host pathogen Interaction	POULOMI ROY (Department of Zoology)	PPT & PDF	
		CC-12	Unit 1	Bacterial Structure	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 2	Septis	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 2	Bone	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 3	Osteoarthritis	SANTU NANDI (Department of Nutrition)	PPT & PDF	
		DSE-1	Unit 1	Nucleic Acid	NABYENDU KARSHIT (Department of Zoology)	PPT & PDF	
			Unit 2	DNA Structure	NABYENDU KARSHIT (Department of Zoology)	PPT & PDF	
		DSE-2	Unit 1	DNA Replication	NABYENDU KARSHIT (Department of Zoology)	PPT & PDF	
			Unit 3	Dietary fibre	SANTU NANDI (Department of Nutrition)	PPT & PDF	
	6.	Sem VI	CC-13	Unit 3	Genetically modified Food	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 1	HAACP	SANTU NANDI (Department of Nutrition)	PPT & PDF
			CC-14	Unit 4	Food Additives	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 1	Data & Data Types	NABYENDU KARSHIT (Department of Zoology)	PPT & PDF
			DSE-3	Unit 4	Hypertosis	NABYENDU KARSHIT (Department of Zoology)	PPT & PDF
				Unit 1	Fundamentals of Food Spoilage	SANTU NANDI (Department of Nutrition)	PPT & PDF
DSE-4	Unit 2	Preservation by Low & High Temperature	SANTU NANDI (Department of Nutrition)	PPT & PDF			
	Unit 3	Preservation by Moisture Control	SANTU NANDI (Department of Nutrition)	PPT & PDF			

  
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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Semester 2021-2022						
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video Lecture)
1.	Sem I	CC-1	Unit 1	Structure of Cell	RUBINUR KHATUN (Department of Zoology)	PPT & PDF
			Unit 2	Blood Grouping System	RUBINUR KHATUN (Department of Zoology)	PPT & PDF
			Unit 3	Structure & Functions of GI Tract	AFAKHITA NANDI ROY (Department of Zoology)	PPT & PDF
	Sem II	CC-2	Unit 1	Food Pyramid	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 2	Genes Structure & Nutritional Values	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Fermentation	SANTU NANDI (Department of Nutrition)	PPT & PDF
2.	Sem III	CC-3	Unit 1	Physiology of Urine Formation	RUBINUR KHATUN (Department of Zoology)	PPT & PDF
			Unit 2	Endocrine System	AFAKHITA NANDI ROY (Department of Zoology)	PPT & PDF
	Sem IV	CC-4	Unit 1	Concept of Health, Nutrition, Growth & Development	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 2	Vitamins	SANTU NANDI (Department of Nutrition)	PPT & PDF
3.	Sem V	CC-5	Unit 1	TCA Cycle	SADRABI SAGLAR (Department of Zoology)	PPT & PDF
			Unit 2	Beta Oxidation	SADRABI SAGLAR (Department of Zoology)	PPT & PDF
			Unit 3	Mechanism of Enzyme Action	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF
			Unit 4	Nutrition During Pregnancy	SANTU NANDI (Department of Nutrition)	PPT & PDF
	Sem VI	CC-6	Unit 1	Geriatric Nutrition	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 2	General Idea of Diet Therapy	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Viral Hepatitis	SANTU NANDI (Department of Nutrition)	PPT & PDF
4.	Sem VII	BRC-1	Unit 1	Severe Diarrhoea & its Treatment, Management	AFAKHITA NANDI ROY (Department of Zoology)	PPT & PDF
			Unit 2	Communication in Nutrition & Health Education	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Immunisation Programme	SANTU NANDI (Department of Nutrition)	PPT & PDF
	Sem VIII	CC-7	Unit 1	Concept of Disease	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 2	Epidemiology	SANTU NANDI (Department of Nutrition)	PPT & PDF
			Unit 3	Diabetes Mellitus	SANTU NANDI (Department of Nutrition)	PPT & PDF
Sem IX	CC-8	Unit 1	Adenosclerosis	SANTU NANDI (Department of Nutrition)	PPT & PDF	
		Unit 2	Concept of Immunity	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF	

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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of ITC mode of Learning Semester 2021-2022							
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video Lecture)	
5.	Sem V	CC-11	Unit 4	Toxicology	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF	
			Unit 1	Fermentation	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 4	Bacterial Growth	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 1	Host pathogen Interaction	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 2	Bacterial Structure	POULOMI ROY (Department of Zoology)	PPT & PDF	
			Unit 3	Septic	SANTU NANDI (Department of Nutrition)	PPT & PDF	
		Sem VI	DBE-1	Unit 2	Burns	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 3	Osteoarthritis	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 1	Nucleic Acid	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF
			DBE-2	Unit 2	DNA Structure	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF
				Unit 4	DNA Replication	SAIKRISHI SARKAR (Department of Zoology)	PPT & PDF
				Unit 3	Dietary Fibre	SANTU NANDI (Department of Nutrition)	PPT & PDF
	6.	Sem VII	CC-13	Unit 5	Genetically modified Food	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 1	BLACCP	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 4	Food Adulteration	SANTU NANDI (Department of Nutrition)	PPT & PDF
		Sem VIII	DBE-3	Unit 1	Data & Data Types	NARAYENDU SAKSHIT (Department of Zoology)	PPT & PDF
				Unit 4	Hypothesis	NARAYENDU SAKSHIT (Department of Zoology)	PPT & PDF
				Unit 1	Fundamentals of Food Spoilage	SANTU NANDI (Department of Nutrition)	PPT & PDF
Sem IX	DBE-4	Unit 2	Preservation by Low & High Temperature	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 3	Preservation by Moisture Control	SANTU NANDI (Department of Nutrition)	PPT & PDF		

  
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Gushkara Mahavidyalaya

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Prof. Praba Bhardwaj

  
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Gushkara Mahavidyalaya

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GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of JTC mode of Learning Session: 2022-2023							
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)	
1.	Sem I	CC-1	Unit 1	Structure of Cell	RUBINUR KHATUN (Department of Zoology)	PPT & PDF	
			Unit 2	Blood Coagulating System	RUBINUR KHATUN (Department of Zoology)	PPT & PDF	
			Unit 3	Structure & Functions of GI Tract	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF	
			Unit 4	Structure of Lung & Gaseous Exchange	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF	
		CC-2	Unit 1	Food Pyramid	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 2	Genetic Structure & Nutritional Value	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 3	Pasteurization	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 4	Methods of Canning	SANTU NANDI (Department of Nutrition)	PPT & PDF	
	2.	Sem II	CC-3	Unit 1	Physiology of Urine Formation	RUBINUR KHATUN (Department of Zoology)	PPT & PDF
				Unit 2	Menstrual Cycle & Hormonal Role	RUBINUR KHATUN (Department of Zoology)	PPT & PDF
				Unit 4	Endocrine System	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF
			CC-4	Unit 1	Concept of Health, Nutrition, Growth & Development	SANTU NANDI (Department of Nutrition)	PPT & PDF
Unit 2				Vitamin	SANTU NANDI (Department of Nutrition)	PPT & PDF	
Unit 4				Principle of Meal Planning	SANTU NANDI (Department of Nutrition)	PPT & PDF	
Unit 5		RDA		SANTU NANDI (Department of Nutrition)	PPT & PDF		
3.		Sem III	CC-5	Unit 1	Glycolysis	DEPTIMAN DE Department of Chemistry	PPT & PDF
				Unit 1	TCA Cycle	DEPTIMAN DE Department of Chemistry	PPT & PDF
				Unit 3	Beta Oxidation	SADRASHI SARKAR (Department of Zoology)	PPT & PDF
	Unit 4			Mechanism of Enzyme Action	SADRASHI SARKAR (Department of Zoology)	PPT & PDF	
	CC-6		Unit 2	Nutrition During Pregnancy & Lactation	SANTU NANDI (Department of Nutrition)	PPT & PDF	

GUSHKARA MAHAVIDYALAYA Department of Nutrition Summary sheet of JTC mode of Learning Session: 2022-2023							
Sl. No.	Semester	Course Code	Unit Number	Title of the Topic	Name of the Teacher	Mode of Teaching under ICT methods (PPT, PDF, Video, Lecture)	
4.	Sem IV	CC-7	Unit 4	Nutrition to Athletes	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 5	Geriatric Nutrition	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 1	General Idea of Diet Therapy	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 3	Viral Hepatitis	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			SBC-1	Unit 3	Sewage Disposal & its Treatment, Management	APARNITA NANDI ROY (Department of Zoology)	PPT & PDF
		CC-8	Unit 3	Contamination in Nutrition & Health Education	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			Unit 5	Immunization Programme	SANTU NANDI (Department of Nutrition)	PPT & PDF	
			CC-9	Unit 1	Concept of Population & Community	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 4	Concept of Disease	SANTU NANDI (Department of Nutrition)	PPT & PDF
				Unit 5	Epidemiology	SANTU NANDI (Department of Nutrition)	PPT & PDF
	CC-10	Unit 3	Diabetes Mellitus	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 4	Hypertension	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		Unit 5	Atherosclerosis	SANTU NANDI (Department of Nutrition)	PPT & PDF		
		SBC-2	Unit 1	Concept of Immunity	SADRASHI SARKAR (Department of Zoology)	PPT & PDF	
		5.	Sem V	CC-11	Unit 1	Fermentation	POULOSI ROY (Department of Zoology)
	Unit 2				Control of Microorganisms	POULOSI ROY (Department of Zoology)	PPT & PDF
	Unit 4				Bacterial Growth	POULOSI ROY (Department of Zoology)	PPT & PDF
	Unit 1				Host pathogen Interaction	POULOSI ROY (Department of Zoology)	PPT & PDF
	CC-12			Unit 2	Bacterial Structure	POULOSI ROY (Department of Zoology)	PPT & PDF
				Unit 3	Viral Multiplication	POULOSI ROY (Department of Zoology)	PPT & PDF

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DEPARTMENT OF PHILOSOPHY  
Year-2018-2019

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Sabina Begum	Sem-I	The Pre-Socratic Period: Ionian School.(CC-2; Unit-1)	PPT & PDF
		The Pre-Socratic Period: Parmenides, Heraclitus, Zeno.(CC-2; Unit-1)	PPT & PDF
	Sem-II	Hume: Theory of Knowledge. (CC-4; Unit-3)	PPT & PDF
		Hume: Theory of Causation. (CC-4; Unit-3)	PPT & PDF
	Sem-III	Postulates of Morality. (CC-6; Unit-5 )	PPT & PDF
		Utilitarianism and different kinds. (CC-6; Unit-7)	PPT & PDF
		Issues in Applied Ethics: Gender Equality. (CC-6; Unit-9)	PPT & PDF
		Issues in Applied Ethics: Euthanasia. (CC-6; Unit-9 )	PPT & PDF
	Sem-IV	Western Logic: Deductive Logic. (CC-8; Unit-Text)	PPT & PDF
		Western Logic: Categorical Proposition and Classification. (CC-12; Unit-Text )	PPT & PDF
		Western Logic: Immediate Inference.(CC-12; Unit-Text )	PPT & PDF
		Western Logic: Square of Opposition.(CC-12; Unit-Text )	PPT & PDF
	Sem-V	Inductive Argument and Classification. (CC-12; Unit-1)	PPT & PDF
		Inductive Logic: Mill Method. (CC-12; Unit-1)	PPT & PDF
		Theories of Truth. (CC-12; Unit-2)	PPT & PDF
	Sem-VI	Hume: Theory of Knowledge. (DSE-4: Text)	PPT & PDF
		Hume: Theory of Causation. (DSE-4: Text)	PPT & PDF

  
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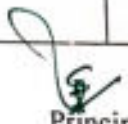
  
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*Summary Sheet of ICT of Learning of Department of Philosophy*

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Dr. Siddhartha Sadhu	Sem-I	Plato: Theory of Knowledge. (CC-2; Unit-2).	PPT & PDF
		Aristotle: Theory of Causation. (CC-2; Unit-3).	PPT & PDF
		Descartes: Method of Doubt. (CC-2; Unit-4).	PPT & PDF
		Descartes: Cogito Ergo Sum. (CC-2; Unit-4).	PPT & PDF
		Descartes: Classification of Ideas. (CC-2; Unit-4).	PPT & PDF
	Sem-II	Locke: Detailed discussion. (CC-4; Unit-1).	PPT & PDF
		Berkeley: Esse Est Percipii. (CC-4; Unit-2).	PPT & PDF
		Kant: Different kinds of Judgments and Possibility. (CC-4; Unit-4).	PPT & PDF
	Sem-III	Tarkasamgraha: Karaṇa. (CC-7; Text Book).	PPT & PDF
		Kāraṇa and different kinds. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Anubhava. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Hetvabhāsa. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Sannikarsa. (CC-7; Text Book).	PPT & PDF
	Sem-IV	Western Logic: Categorical Argument. (CC-8; Unit-)	PPT & PDF
		Western Logic: Venn diagram Method. (CC-8; Unit-)	PPT & PDF
		Symbolic Logic: Functions and Compound Statements. (CC-8; Unit- Text).	PPT & PDF
		Western Logic: Truth Table Method. (CC-8; Unit-Text).	PPT & PDF
		Western Logic: Formal Proof of Validity.(CC-8;Unit-Text)	PPT & PDF
		Western Logic: Proof of Invalidity.(CC-8;Unit-Text Book).	PPT & PDF
	Sem-V	Problem of Philosophy: Appearance and Reality(DSE-2)	PPT & PDF
		Problem of Philosophy: Knowledge by Acquaintance and by Description. (DSE-2)	PPT & PDF
		Problem of Philosophy: Induction. (DSE-2)	PPT & PDF
	Sem-VI	A.J.Ayer: Verifiability theory of Meaning. (CC-14; Unit-4)	PPT & PDF
		B. Russell: Knowledge by Acquaintance and by Description. (CC-14; Unit-2)	PPT & PDF
J. P. Sartre: Freedom. (CC-14; Unit-6)		PPT & PDF	

  
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DEPARTMENT OF PHILOSOPHY  
Year-2018-2019

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Chhanda Sarkar	Sem-I	Carvaka: Theory of Pramana. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Different School. (CC-1; Unit-2)	PPT & PDF
	Sem-II	Samkhya: Theory of Causation. (CC-2; Unit-1)	PPT & PDF
		Samkhya: Purusa. (CC-2; Unit-1)	PPT & PDF
	Sem-III	Indian Ethics: Purusartha. (CC-5; Unit-1)	PPT & PDF
		Indian Ethics: Pancasila. (CC-5; Unit-4)	PPT & PDF
	Sem-IV	Fundamental Features of Religion. (CC-10; Unit-3)	PPT & PDF
		Arguments for the existence of God. (CC-10; Unit-4)	PPT & PDF
	Sem-V	KathopaniSad: Tinti Bor. (DSE-1; Text Book)	PPT & PDF
	Sem-VI	Rabindranath Tagore: Nature of Man. (CC-13; Unit-1)	PPT & PDF
		M. Gandhi: Ahimsa. (CC-13; Unit-6)	PPT & PDF



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Year-2018-2019

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Sukla Dey.	Sem-I	Nyaya Darsana: Pratyaksa Pramana. (CC-1; Unit-5)	PPT & PDF
		Khyativada. (CC-1; Unit-5)	PPT & PDF
	Sem-II	Advaita-Vedanta: Maya. (CC-3; Unit-5)	PPT & PDF
		Advaita Vedanta: Causation. (CC-6; Unit-5)	PPT & PDF
	Sem-III	Moral and Non-Moral Action. (CC-6; Unit-3)	PPT & PDF
		Hedonism: Mill and Bentham. (CC-6; Unit-7)	PPT & PDF
	Sem-IV	Psychology: Attention. (CC-9; Unit-5)	PPT & PDF
		Psychology: Memory. (CC-9; Unit-7)	PPT & PDF
	Sem-V	Social Political Philosophy: Community. (CC-11; Unit-2)	PPT & PDF
		Social Political Philosophy: Radical Humanism (M.N.Roy) (CC-11; Unit-4)	PPT & PDF
	Sem-VI	Sadhana (Text): Brahmavihara. (DSE-3: Special Text)	PPT & PDF
		Sadhana (Text): Consciousness of Self. (DSE-3: Special Text)	PPT & PDF



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Year-2018-2019

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Piyali Mondal	Sem-I	Carvaka: Pramana. (CC-1A; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1A; Unit-4)	PPT & PDF
	Sem-II	Theories Of Causation: Regularity Theory. (CC-1B;Unit-5)	PPT & PDF
		Realism: Native. (CC-1B; Unit-2)	PPT & PDF
	Sem-III	Opposition of propositions. (CC-1C; Unit-3)	PPT & PDF
		Immediate inference: Conversion, Obversion and Contraposition. (CC-1C; Unit-4)	PPT & PDF
	Sem-IV	Gandhi: God and Truth. (CC-1D; Unit-6)	PPT & PDF
		Gandhi: Ahimsa. (CC-1D; Unit-6)	PPT & PDF
	Sem-V	Fundamentals Features of Major Religion: Hinduism, Christianity, Islam. (DSE-1A; Unit-3)	PPT & PDF
		Buddhism: Four Noble Truths. (GE-1: Unit-4)	PPT & PDF
	Sem-VI	Realism: Native, Scientific, Representative. (GE-2: Unit-2)	PPT & PDF
		Tarkasamgraha with Dipika: Abhava.(DSE-1B:Text)	PPT & PDF



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Year-2019-2020

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Dr. Sabina Begum	Sem-I	The Pre-Socratic Period: Ionian School.(CC-2; Unit-1)	PPT & PDF
		The Pre-Socratic Period: Parmenides, Heraclitus, Zeno.(CC-2; Unit-1)	PPT & PDF
	Sem-II	Hume: Theory of Knowledge. (CC-4; Unit-3)	PPT & PDF
		Hume: Theory of Causation. (CC-4; Unit-3)	PPT & PDF
	Sem-III	Postulates of Morality. (CC-6; Unit-5 )	PPT & PDF
		Utilitarianism and different kinds. (CC-6; Unit-7)	PPT & PDF
		Issues in Applied Ethics: Gender Equality. (CC-6; Unit-9)	PPT & PDF
		Issues in Applied Ethics: Euthanasia. (CC-6; Unit-9 )	PPT & PDF
	Sem-IV	Western Logic: Deductive Logic. (CC-8; Unit-Text)	PPT & PDF
		Western Logic: Categorical Proposition and Classification. (CC-12; Unit-Text )	PPT & PDF
		Western Logic: Immediate Inference.(CC-12; Unit-Text )	PPT & PDF
		Western Logic: Square of Opposition.(CC-12; Unit-Text )	PPT & PDF
	Sem-V	Inductive Argument and Classification. (CC-12; Unit-1)	PPT & PDF
		Inductive Logic: Mill Method. (CC-12; Unit-1)	PPT & PDF
		Theories of Truth. (CC-12; Unit-2)	PPT & PDF
	Sem-VI	Hume: Theory of Knowledge. (DSE-4; Text)	PPT & PDF
		Hume: Theory of Causation. (DSE-4; Text)	PPT & PDF



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DEPARTMENT OF PHILOSOPHY  
Year-2019-2020

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Siddhartha Sadhu	Sem-I	Plato: Theory of Knowledge. (CC-2; Unit-2).	PPT & PDF
		Aristotle: Theory of Causation. (CC-2; Unit-3).	PPT & PDF
		Descartes: Method of Doubt. (CC-2; Unit-4).	PPT & PDF
		Descartes: Cogito Ergo Sum. (CC-2; Unit-4).	PPT & PDF
		Descartes: Classification of Idias. (CC-2; Unit-4).	PPT & PDF
	Sem-II	Locke: Detailed discussion. (CC-4; Unit-1).	PPT & PDF
		Berkeley: Esse Est Percipii. (CC-4; Unit-2).	PPT & PDF
		Kant: Different kinds of Judgments and Possibility. (CC-4; Unit- 4).	PPT & PDF
	Sem-III	Tarkasamgraha: Karaṇa. (CC-7; Text Book).	PPT & PDF
		Kāraṇa and different kinds. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Anubhava. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Hetvabhāsa. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Sannikarsa. (CC-7; Text Book).	PPT & PDF
	Sem-IV	Western Logic: Categorical Argument. (CC-8; Unit-	PPT & PDF
		Western Logic: Venn diagram Method. (CC-8; Unit-	PPT & PDF
		Symbolic Logic: Functions and Compound Statements. (CC-8; Unit- Text).	PPT & PDF
		Western Logic: Truth Table Method. (CC-8; Unit-Text).	PPT & PDF
		Western Logic: Formal Proof of Validity.(CC-8;Unit-Text)	PPT & PDF
		Western Logic: Proof of Invalidity.(CC-8;Unit-Text Book).	PPT & PDF
	Sem-V	Problem of Philosophy: Appearance and Reality(DSE-2)	PPT & PDF
		Problem of Philosophy: Knowledge by Acquaintance and by Description. (DSE-2)	PPT & PDF
		Problem of Philosophy: Induction. (DSE-2)	PPT & PDF
	Sem-VI	A.J.Ayer: Verifiability theory of Meaning. (CC-14; Unit-4)	PPT & PDF
		B. Russell: Knowledge by Acquaintance and by Description. (CC-14; Unit-2)	PPT & PDF
J. P. Sartre: Freedom. (CC-14; Unit-6)		PPT & PDF	

  
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DEPARTMENT OF PHILOSOPHY  
Year-2019-2020

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Chhanda Sarkar	Sem-I	Carvaka: Theory of Pramana. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Different School. (CC-1; Unit-2)	PPT & PDF
	Sem-II	Samkhya: Theory of Causation. (CC-2; Unit-1)	PPT & PDF
		Samkhya: Purusa. (CC-2; Unit-1)	PPT & PDF
	Sem-III	Indian Ethics: Purusartha. (CC-5; Unit-1)	PPT & PDF
		Indian Ethics: Pancasila. (CC-5; Unit-4)	PPT & PDF
	Sem-IV	Fundamental Features of Religion. (CC-10; Unit-3)	PPT & PDF
		Arguments for the existence of God. (CC-10; Unit-4)	PPT & PDF
	Sem-V	KathopaniSad: Tinti Bor. (DSE-1; Text Book)	PPT & PDF
	Sem-VI	Rabindranath Tagore: Nature of Man. (CC-13; Unit-1)	PPT & PDF
		M. Gandhi: Ahimsa. (CC-13; Unit-6)	PPT & PDF

  
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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Sukla Dey.	Sem-I	Nyaya Darsana: Pratyaksa Pramana. (CC-1; Unit-5)	PPT & PDF
		Khyativada. (CC-1; Unit-5)	PPT & PDF
	Sem-II	Advaita-Vedanta: Maya. (CC-3; Unit-5)	PPT & PDF
		Advaita Vedanta: Causation. (CC-6; Unit-5)	PPT & PDF
	Sem-III	Moral and Non-Moral Action. (CC-6; Unit-3)	PPT & PDF
		Hedonism: Mill and Bentham. (CC-6; Unit-7)	PPT & PDF
	Sem-IV	Psychology: Attention. (CC-9; Unit-5)	PPT & PDF
		Psychology: Memory. (CC-9; Unit-7)	PPT & PDF
	Sem-V	Social Political Philosophy: Community. (CC-11; Unit-2)	PPT & PDF
		Social Political Philosophy: Radical Humanism (M.N.Roy) (CC-11; Unit-4)	PPT & PDF
	Sem-VI	Sadhana (Text): Brahmavihara. (DSE-3: Special Text)	PPT & PDF
		Sadhana (Text): Consciousness of Self. (DSE-3: Special Text)	PPT & PDF



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Year-2019-2020

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Piyali Mondal	Sem-I	Carvaka: Pramana. (CC-1A; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1A; Unit-4)	PPT & PDF
	Sem-II	Theories Of Causation: Regularity Theory. (CC-1B; Unit-5)	PPT & PDF
		Realism: Native. (CC-1B; Unit-2)	PPT & PDF
	Sem-III	Opposition of propositions. (CC-1C; Unit-3)	PPT & PDF
		Immediate inference: Conversion, Obversion and Contraposition. (CC-1C; Unit-4)	PPT & PDF
	Sem-IV	Gandhi: God and Truth. (CC-1D; Unit-6)	PPT & PDF
		Gandhi: Ahimsa. (CC-1D; Unit-6)	PPT & PDF
	Sem-V	Fundamentals Features of Major Religion: Hinduism, Christianity, Islam. (DSE-1A; Unit-3)	PPT & PDF
		Buddhism: Four Noble Truths. (GE-1; Unit-4)	PPT & PDF
	Sem-VI	Realism: Native, Scientific, Representative. (GE-2; Unit-2)	PPT & PDF
		Tarkasamgraha with Dipika: Abhava.(DSE-1B:Text)	PPT & PDF

  
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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Dr. Sabina Begum	Sem-I	The Pre-Socratic Period: Ionian School.(CC-2; Unit-1)	PPT & PDF
		The Pre-Socratic Period: Parmenides, Heraclitus, Zeno.(CC-2; Unit-1)	PPT & PDF
	Sem-II	Hume: Theory of Knowledge. (CC-4; Unit-3)	PPT & PDF
		Hume: Theory of Causation. (CC-4; Unit-3)	PPT & PDF
	Sem-III	Postulates of Morality. (CC-6; Unit-5 )	PPT & PDF
		Utilitarianism and different kinds. (CC-6; Unit-7)	PPT & PDF
		Issues in Applied Ethics: Gender Equality. (CC-6; Unit-9)	PPT & PDF
		Issues in Applied Ethics: Euthanasia. (CC-6; Unit-9 )	PPT & PDF
	Sem-IV	Western Logic: Deductive Logic. (CC-8; Unit-Text)	PPT & PDF
		Western Logic: Categorical Proposition and Classification. (CC-12; Unit-Text )	PPT & PDF
		Western Logic: Immediate Inference.(CC-12; Unit-Text )	PPT & PDF
		Western Logic: Square of Opposition.(CC-12; Unit-Text )	PPT & PDF
	Sem-V	Inductive Argument and Classification. (CC-12; Unit-1)	PPT & PDF
		Inductive Logic: Mill Method. (CC-12; Unit-1)	PPT & PDF
		Theories of Truth. (CC-12; Unit-2)	PPT & PDF
	Sem-VI	Hume: Theory of Knowledge. (DSE-4: Text)	PPT & PDF
		Hume: Theory of Causation. (DSE-4: Text)	PPT & PDF



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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Siddhartha Sadhu	Sem-I	Plato: Theory of Knowledge. (CC-2; Unit-2).	PPT & PDF
		Aristotle: Theory of Causation. (CC-2; Unit-3).	PPT & PDF
		Descartes: Method of Doubt. (CC-2; Unit-4).	PPT & PDF
		Descartes: Cogito Ergo Sum. (CC-2; Unit-4).	PPT & PDF
		Descartes: Classification of Ideas. (CC-2; Unit-4).	PPT & PDF
	Sem-II	Locke: Detailed discussion. (CC-4; Unit-1).	PPT & PDF
		Berkeley: Esse Est Percipii. (CC-4; Unit-2).	PPT & PDF
		Kant: Different kinds of Judgments and Possibility. (CC-4; Unit- 4).	PPT & PDF
	Sem-III	Tarkasamgraha: Karaṇa. (CC-7; Text Book).	PPT & PDF
		Kāraṇa and different kinds. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Anubhava. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Hetvabhasa. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Sannikarsa. (CC-7; Text Book).	PPT & PDF
	Sem-IV	Western Logic: Categorical Argument. (CC-8; Unit-	PPT & PDF
		Western Logic: Venn diagram Method. (CC-8; Unit-	PPT & PDF
		Symbolic Logic: Functions and Compound Statements. (CC-8; Unit- Text).	PPT & PDF
		Western Logic: Truth Table Method. (CC-8; Unit-Text).	PPT & PDF
		Western Logic: Formal Proof of Validity.(CC-8;Unit-Text)	PPT & PDF
		Western Logic: Proof of Invalidity.(CC-8;Unit-Text Book).	PPT & PDF
	Sem-V	Problem of Philosophy: Appearance and Reality(DSE-2)	PPT & PDF
		Problem of Philosophy: Knowledge by Acquaintance and by Description. (DSE-2)	PPT & PDF
		Problem of Philosophy: Induction. (DSE-2)	PPT & PDF
	Sem-VI	A.J.Ayer: Verifiability theory of Meaning. (CC-14; Unit-4)	PPT & PDF
		B. Russell: Knowledge by Acquaintance and by Description. (CC-14; Unit-2)	PPT & PDF
J. P. Sartre: Freedom. (CC-14; Unit-6)		PPT & PDF	

  
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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Chhanda Sarkar	Sem-I	Carvaka: Theory of Pramana. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Different School. (CC-1; Unit-2)	PPT & PDF
	Sem-II	Samkhya: Theory of Causation. (CC-2; Unit-1)	PPT & PDF
		Samkhya: Purusa. (CC-2; Unit-1)	PPT & PDF
	Sem-III	Indian Ethics: Purusartha. (CC-5; Unit-1)	PPT & PDF
		Indian Ethics: Pancasila. (CC-5; Unit-4)	PPT & PDF
	Sem-IV	Fundamental Features of Religion. (CC-10; Unit-3)	PPT & PDF
		Arguments for the existence of God. (CC-10; Unit-4)	PPT & PDF
	Sem-V	KathopaniSad: Tinti Bor. (DSE-1; Text Book)	PPT & PDF
	Sem-VI	Rabindranath Tagore: Nature of Man. (CC-13; Unit-1)	PPT & PDF
		M. Gandhi: Ahimsa. (CC-13; Unit-6)	PPT & PDF



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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Sukla Dey.	Sem-I	Nyaya Darsana: Pratyaksa Pramana. (CC-1; Unit-5)	PPT & PDF
		Khyativada. (CC-1; Unit-5)	PPT & PDF
	Sem-II	Advaita-Vedanta: Maya. (CC-3; Unit-5)	PPT & PDF
		Advaita Vedanta: Causation. (CC-6; Unit-5)	PPT & PDF
	Sem-III	Moral and Non-Moral Action. (CC-6; Unit-3)	PPT & PDF
		Hedonism: Mill and Bentham. (CC-6; Unit-7)	PPT & PDF
	Sem-IV	Psychology: Attention. (CC-9; Unit-5)	PPT & PDF
		Psychology: Memory. (CC-9; Unit-7)	PPT & PDF
	Sem-V	Social Political Philosophy: Community. (CC-11; Unit-2)	PPT & PDF
		Social Political Philosophy: Radical Humanism (M.N.Roy) (CC-11; Unit-4)	PPT & PDF
	Sem-VI	Sadhana (Text): Brahmavihara. (DSE-3: Special Text)	PPT & PDF
		Sadhana (Text): Consciousness of Self. (DSE-3: Special Text)	PPT & PDF



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Year-2020-2021

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Piyali Mondal	Sem-I	Carvaka: Pramana. (CC-1A; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1A; Unit-4)	PPT & PDF
	Sem-II	Theories Of Causation: Regularity Theory. (CC-1B;Unit-5)	PPT & PDF
		Realism: Native. (CC-1B; Unit-2)	PPT & PDF
	Sem-III	Opposition of propositions. (CC-1C; Unit-3)	PPT & PDF
		Immediate inference: Conversion, Obversion and Contraposition. (CC-1C; Unit-4)	PPT & PDF
	Sem-IV	Gandhi: God and Truth. (CC-1D; Unit-6)	PPT & PDF
		Gandhi: Ahimsa. (CC-1D; Unit-6)	PPT & PDF
	Sem-V	Fundamentals Features of Major Religion: Hinduism, Christianity, Islam. (DSE-1A; Unit-3)	PPT & PDF
		Buddhism: Four Noble Truths. (GE-1: Unit-4)	PPT & PDF
	Sem-VI	Realism: Native, Scientific, Representative. (GE-2: Unit-2)	PPT & PDF
		Tarkasamgraha with Dipika: Abhava.(DSE-1B:Text)	PPT & PDF

  
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Year-2021-2022

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Sabina Begum	Sem-I	The Pre-Socratic Period: Ionian School.(CC-2; Unit-1)	PPT & PDF
		The Pre-Socratic Period: Parmenides, Heraclitus, Zeno.(CC-2; Unit-1)	PPT & PDF
	Sem-II	Hume: Theory of Knowledge. (CC-4; Unit-3)	PPT & PDF
		Hume: Theory of Causation. (CC-4; Unit-3)	PPT & PDF
	Sem-III	Postulates of Morality. (CC-6; Unit-5 )	PPT & PDF
		Utilitarianism and different kinds. (CC-6; Unit-7)	PPT & PDF
		Issues in Applied Ethics: Gender Equality. (CC-6; Unit-9)	PPT & PDF
		Issues in Applied Ethics: Euthanasia. (CC-6; Unit-9 )	PPT & PDF
	Sem-IV	Western Logic: Deductive Logic. (CC-8; Unit-Text)	PPT & PDF
		Western Logic: Categorical Proposition and Classification. (CC-12; Unit-Text )	PPT & PDF
		Western Logic: Immediate Inference.(CC-12; Unit-Text )	PPT & PDF
		Western Logic: Square of Opposition.(CC-12; Unit-Text )	PPT & PDF
	Sem-V	Inductive Argument and Classification. (CC-12; Unit-1)	PPT & PDF
		Inductive Logic: Mill Method. (CC-12; Unit-1)	PPT & PDF
		Theories of Truth. (CC-12; Unit-2)	PPT & PDF
	Sem-VI	Hume: Theory of Knowledge. (DSE-4: Text)	PPT & PDF
		Hume: Theory of Causation. (DSE-4: Text)	PPT & PDF



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Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Siddhartha Sadhu	Sem-I	Plato: Theory of Knowledge. (CC-2; Unit-2).	PPT & PDF
		Aristotle: Theory of Causation. (CC-2; Unit-3).	PPT & PDF
		Descartes: Method of Doubt. (CC-2; Unit-4).	PPT & PDF
		Descartes: Cogito Ergo Sum. (CC-2; Unit-4).	PPT & PDF
		Descartes: Classification of Idias. (CC-2; Unit-4).	PPT & PDF
	Sem-II	Locke: Detailed discussion. (CC-4; Unit-1).	PPT & PDF
		Berkeley: Esse Est Percipii. (CC-4; Unit-2).	PPT & PDF
		Kant: Different kinds of Judgments and Possibility. (CC-4; Unit- 4).	PPT & PDF
	Sem-III	Tarkasamgraha: Karaṇa. (CC-7; Text Book).	PPT & PDF
		Kāraṇa and different kinds. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Anubhava. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Hetvabhāsa. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Sannikarsa. (CC-7; Text Book).	PPT & PDF
	Sem-IV	Western Logic: Categorical Argument. (CC-8; Unit- .	PPT & PDF
		Western Logic: Venn diagram Method. (CC-8; Unit-	PPT & PDF
		Symbolic Logic: Functions and Compound Statements. (CC-8; Unit- Text).	PPT & PDF
		Western Logic: Truth Table Method. (CC-8; Unit-Text).	PPT & PDF
		Western Logic: Formal Proof of Validity.(CC-8;Unit-Text)	PPT & PDF
		Western Logic: Proof of Invalidity.(CC-8;Unit-Text Book).	PPT & PDF
	Sem-V	Problem of Philosophy: Appearance and Reality(DSE-2)	PPT & PDF
		Problem of Philosophy: Knowledge by Acquaintance and by Description. (DSE-2)	PPT & PDF
		Problem of Philosophy: Induction. (DSE-2)	PPT & PDF
	Sem-VI	A.J.Ayer: Verifiability theory of Meaning. (CC-14; Unit-4)	PPT & PDF
		B. Russell: Knowledge by Acquaintance and by Description. (CC-14; Unit-2)	PPT & PDF
J. P. Sartre: Freedom. (CC-14; Unit-6)		PPT & PDF	

  
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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Chhanda Sarkar	Sem-I	Carvaka: Theory of Pramana. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Different School. (CC-1; Unit-2)	PPT & PDF
	Sem-II	Samkhya: Theory of Causation. (CC-2; Unit-1)	PPT & PDF
		Samkhya: Purusa. (CC-2; Unit-1)	PPT & PDF
	Sem-III	Indian Ethics: Purusartha. (CC-5; Unit-1)	PPT & PDF
		Indian Ethics: Pancasila. (CC-5; Unit-4)	PPT & PDF
	Sem-IV	Fundamental Features of Religion. (CC-10; Unit-3)	PPT & PDF
		Arguments for the existence of God. (CC-10; Unit-4)	PPT & PDF
	Sem-V	KathopaniSad: Tinti Bor. (DSE-1; Text Book)	PPT & PDF
	Sem-VI	Rabindranath Tagore: Nature of Man. (CC-13; Unit-1)	PPT & PDF
		M. Gandhi: Ahimsa. (CC-13; Unit-6)	PPT & PDF



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DEPARTMENT OF PHILOSOPHY  
Year-2021-2022

*Summary Sheet of ICT of Learning of Department of Philosophy*

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Sukla Dey.	Sem-I	Nyaya Darsana: Pratyaksa Pramana. (CC-I; Unit-5)	PPT & PDF
		Khyativada. (CC-I; Unit-5)	PPT & PDF
	Sem-II	Advaita-Vedanta: Maya. (CC-3; Unit-5)	PPT & PDF
		Advaita Vedanta: Causation. (CC-6; Unit-5)	PPT & PDF
	Sem-III	Moral and Non-Moral Action. (CC-6; Unit-3)	PPT & PDF
		Hedonism: Mill and Bentham. (CC-6; Unit-7)	PPT & PDF
	Sem-IV	Psychology: Attention. (CC-9; Unit-5)	PPT & PDF
		Psychology: Memory. (CC-9; Unit-7)	PPT & PDF
	Sem-V	Social Political Philosophy: Community. (CC-11; Unit-2)	PPT & PDF
		Social Political Philosophy: Radical Humanism (M.N.Roy) (CC-11; Unit-4)	PPT & PDF
	Sem-VI	Sadhana (Text): Brahmavihara. (DSE-3: Special Text)	PPT & PDF
		Sadhana (Text): Consciousness of Self. (DSE-3: Special Text)	PPT & PDF



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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Piyali Mondal	Sem-I	Carvaka: Pramana. (CC-1A; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1A; Unit-4)	PPT & PDF
	Sem-II	Theories Of Causation: Regularity Theory. (CC-1B;Unit-5)	PPT & PDF
		Realism: Native. (CC-1B; Unit-2)	PPT & PDF
	Sem-III	Opposition of propositions. (CC-1C; Unit-3)	PPT & PDF
		Immediate inference: Conversion, Obversion and Contraposition. (CC-1C; Unit-4)	PPT & PDF
	Sem-IV	Gandhi: God and Truth. (CC-1D; Unit-6)	PPT & PDF
		Gandhi: Ahimsa. (CC-1D; Unit-6)	PPT & PDF
	Sem-V	Fundamentals Features of Major Religion: Hinduism, Christianity, Islam. (DSE-1A; Unit-3)	PPT & PDF
		Buddhism: Four Noble Truths. (GE-1; Unit-4)	PPT & PDF
	Sem-VI	Realism: Native, Scientific, Representative. (GE-2; Unit-2)	PPT & PDF
		Tarkasamgraha with Dipika: Abhava.(DSE-1B:Text)	PPT & PDF

  
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Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Dr. Sabina Begum	Sem-I	The Pre-Socratic Period: Ionian School.(CC-2; Unit-1)	PPT & PDF
		The Pre-Socratic Period: Parmenides, Heraclitus, Zeno.(CC-2; Unit-1)	PPT & PDF
	Sem-II	Hume: Theory of Knowledge. (CC-4; Unit-3)	PPT & PDF
		Hume: Theory of Causation. (CC-4; Unit-3)	PPT & PDF
	Sem-III	Postulates of Morality. (CC-6; Unit-5)	PPT & PDF
		Utilitarianism and different kinds. (CC-6; Unit-7)	PPT & PDF
		Issues in Applied Ethics: Gender Equality. (CC-6; Unit-9)	PPT & PDF
		Issues in Applied Ethics: Euthanasia. (CC-6; Unit-9)	PPT & PDF
	Sem-IV	Western Logic: Deductive Logic. (CC-8; Unit-Text)	PPT & PDF
		Western Logic: Categorical Proposition and Classification. (CC-12; Unit-Text)	PPT & PDF
		Western Logic: Immediate Inference.(CC-12; Unit-Text)	PPT & PDF
		Western Logic: Square of Opposition.(CC-12; Unit-Text)	PPT & PDF
	Sem-V	Inductive Argument and Classification. (CC-12; Unit-1)	PPT & PDF
		Inductive Logic: Mill Method. (CC-12; Unit-1)	PPT & PDF
		Theories of Truth. (CC-12; Unit-2)	PPT & PDF
	Sem-VI	Hume: Theory of Knowledge. (DSE-4: Text)	PPT & PDF
		Hume: Theory of Causation. (DSE-4: Text)	PPT & PDF



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*Summary Sheet of ICT of Learning of Department of Philosophy*

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Dr. Siddhartha Sadhu	Sem-I	Plato: Theory of Knowledge. (CC-2; Unit-2).	PPT & PDF
		Aristotle: Theory of Causation. (CC-2; Unit-3).	PPT & PDF
		Descartes: Method of Doubt. (CC-2; Unit-4).	PPT & PDF
		Descartes: Cogito Ergo Sum. (CC-2; Unit-4).	PPT & PDF
		Descartes: Classification of Idias. (CC-2; Unit-4).	PPT & PDF
	Sem-II	Locke: Detailed discussion. (CC-4; Unit-1).	PPT & PDF
		Berkeley: Esse Est Percipii. (CC-4; Unit-2).	PPT & PDF
		Kant: Different kinds of Judgments and Possibility. (CC-4; Unit- 4).	PPT & PDF
	Sem-III	Tarkasamgraha: Karaña. (CC-7; Text Book).	PPT & PDF
		Kāraṇa and different kinds. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Anubhava. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Hetvabhasa. (CC-7; Text Book).	PPT & PDF
		Tarkasamgraha: Sannikarsa. (CC-7; Text Book).	PPT & PDF
	Sem-IV	Western Logic: Categorical Argument. (CC-8; Unit-	PPT & PDF
		Western Logic: Venn diagram Method. (CC-8; Unit-	PPT & PDF
		Symbolic Logic: Functions and Compound Statements. (CC-8; Unit- Text).	PPT & PDF
		Western Logic: Truth Table Method. (CC-8; Unit-Text).	PPT & PDF
		Western Logic: Formal Proof of Validity.(CC-8;Unit-Text)	PPT & PDF
		Western Logic: Proof of Invalidity.(CC-8;Unit-Text Book).	PPT & PDF
	Sem-V	Problem of Philosophy: Appearance and Reality(DSE-2)	PPT & PDF
		Problem of Philosophy: Knowledge by Acquaintance and by Description. (DSE-2)	PPT & PDF
		Problem of Philosophy: Induction. (DSE-2)	PPT & PDF
	Sem-VI	A.J.Ayer: Verifiability theory of Meaning. (CC-14; Unit-4)	PPT & PDF
		B. Russell: Knowledge by Acquaintance and by Description. (CC-14; Unit-2)	PPT & PDF
J. P. Sartre: Freedom. (CC-14; Unit-6)		PPT & PDF	

  
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Year-2022-20223

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF. Etc.)
Prof. Chhanda Sarkar	Sem-I	Carvaka: Theory of Pramana. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1; Unit-2)	PPT & PDF
		Buddhism: Different School. (CC-1; Unit-2)	PPT & PDF
	Sem-II	Samkhya: Theory of Causation. (CC-2; Unit-1)	PPT & PDF
		Samkhya: Purusa. (CC-2; Unit-1)	PPT & PDF
	Sem-III	Indian Ethics: Purusartha. (CC-5; Unit-1)	PPT & PDF
		Indian Ethics: Pancasila. (CC-5; Unit-4)	PPT & PDF
	Sem-IV	Fundamental Features of Religion. (CC-10; Unit-3)	PPT & PDF
		Arguments for the existence of God. (CC-10; Unit-4)	PPT & PDF
	Sem-V	KathopaniSad: Tinti Bor. (DSE-1; Text Book)	PPT & PDF
	Sem-VI	Rabindranath Tagore: Nature of Man. (CC-13; Unit-1)	PPT & PDF
		M. Gandhi: Ahimsa. (CC-13; Unit-6)	PPT & PDF



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Year-2022-2023

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Sukla Dey.	Sem-I	Nyaya Darsana: Pratyaksa Pramana. (CC-1; Unit-5)	PPT & PDF
		Khyativada. (CC-1; Unit-5)	PPT & PDF
	Sem-II	Advaita-Vedanta: Maya. (CC-3; Unit-5)	PPT & PDF
		Advaita Vedanta: Causation. (CC-6; Unit-5)	PPT & PDF
	Sem-III	Moral and Non-Moral Action. (CC-6; Unit-3)	PPT & PDF
		Hedonism: Mill and Bentham. (CC-6; Unit-7)	PPT & PDF
	Sem-IV	Psychology: Attention. (CC-9; Unit-5)	PPT & PDF
		Psychology: Memory. (CC-9; Unit-7)	PPT & PDF
	Sem-V	Social Political Philosophy: Community. (CC-11; Unit-2)	PPT & PDF
		Social Political Philosophy: Radical Humanism (M.N.Roy) (CC-11; Unit-4)	PPT & PDF
	Sem-VI	Sadhana (Text): Brahmavihara. (DSE-3: Special Text)	PPT & PDF
		Sadhana (Text): Consciousness of Self. (DSE-3: Special Text)	PPT & PDF



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Year-2022-2023

Summary Sheet of ICT of Learning of Department of Philosophy

Name of the Faculty	Semester	Name of the Topic with course code	Mode of Teaching under ICT method (PPT, PDF, Etc.)
Prof. Piyali Mondal	Sem-I	Carvaka: Pramana. (CC-1A; Unit-2)	PPT & PDF
		Buddhism: Four Noble Truths. (CC-1A; Unit-4)	PPT & PDF
	Sem-II	Theories Of Causation: Regularity Theory. (CC-1B;Unit-5)	PPT & PDF
		Realism: Native. (CC-1B; Unit-2)	PPT & PDF
	Sem-III	Opposition of propositions. (CC-1C; Unit-3)	PPT & PDF
		Immediate inference: Conversion, Obversion and Contraposition. (CC-1C; Unit-4)	PPT & PDF
	Sem-IV	Gandhi: God and Truth. (CC-1D; Unit-6)	PPT & PDF
		Gandhi: Ahimsa. (CC-1D; Unit-6)	PPT & PDF
	Sem-V	Fundamentals Features of Major Religion: Hinduism, Christianity, Islam. (DSE-1A; Unit-3)	PPT & PDF
		Buddhism: Four Noble Truths. (GE-1: Unit-4)	PPT & PDF
	Sem-VI	Realism: Native, Scientific, Representative. (GE-2: Unit-2)	PPT & PDF
		Tarkasamgraha with Dipika: Abhava.(DSE-1B:Text)	PPT & PDF



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### Department of Physical Education

#### Summary sheet of ICT mode of Learning

Session-2018-19

Name of the Faculty	Semester	Name of the topic with Course code	Mode of Teaching under ICT Method (PPT,PDF,Video Lecture etc)	
Dr Manisha Mondal	Semester-I	i. Modern Concept of physical Education ii. Sociological Foundation of Physical Education (CC1A)	PPT &PDF	
	Semester-II	i. Importance of sports management ii. Qualities of good Leader (CC1B)	PPT &PDF	
	Semester-III	i. Blood Composition and Function ii. Type of Muscular Contraction (CC1C)	PPT &PDF	
	Semester-IV	i. Postural Deformities (CC1D)	PPT &PDF	
	Semester-IV	i. History of Yoga (SEC2)	PPT &PDF	
	3 <sup>rd</sup> Year		i. AAHPERD Composition and Function ii. Criteria of Good Test (DSE1)	PPT &PDF
			i. Physical Fitness and Components (DSE1)	PPT &PDF
			i. Modern Olympic (GE1)	PPT &PDF
			i. Sports Psychology (DSE2)	PPT &PDF
	Pintulal Mondal (Guest Faculty)	Semester-I	i. National sports Award (CC1A)	PPT &PDF
Semester-II		i. Importance of Intramural and Extramural Competition (CC1B)	PPT &PDF	
Semester-III		i. Circulatory System ii. Respiratory system (CC1C)	PPT &PDF	

Contd.

	Semester-III	i.Track and Field (SEC1)	
	Semester-IV	i. Nutrition:- Types and Components (CC1D)	PPT &PDF
	3 <sup>rd</sup> Year	i. Somatotype :- Concept and Method	PPT &PDF
		i. Sports Training	PPT &PDF
		i. Sports Injury	PPT &PDF
		i. Motivation;-Types and importance in Physical Education	PPT &PDF



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### Department of Physical Education

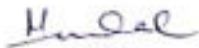
#### Summary sheet of ICT mode of Learning Session-2019-20

Name of the Faculty	Semester	Name of the topic with Course code	Mode of Teaching under ICT Method (PPT,PDF,Video Lecture etc)
Dr Manisha Mondal	Semester-I	i. Modern Concept of physical Education ii. Sociological Foundation of Physical Education (CC1A)	PPT &PDF
	Semester-II	i. Importance of sports management ii. Qualities of good Leader (CC1B)	PPT &PDF
	Semester-III	i. Blood Composition and Function ii. Type of Muscular Contraction (CC1C)	PPT &PDF
	Semester-IV	i. Postural Deformities (CC1D)	PPT &PDF
	Semester-IV	i. History of Yoga (SEC2)	PPT &PDF
	Semester-V	i. AAHPERD Composition and Function ii. Criteria of Good Test (DSE1)	PPT &PDF
	Semester-V	i. Physical Fitness and Components (DSE1)	PPT &PDF
	Semester-V	i. Modern Olympic (GE1)	PPT &PDF
	Semester-VI	i. Sports Psychology (DSE2)	PPT &PDF
Pintulal Mondal (Guest Faculty)	Semester-I	i.Recreation and its importance (CC1A)	PPT &PDF
	Semester-II	i. Time Table:-Components and affecting factors (CC1B)	PPT &PDF
	Semester-III	i.Structure of Heart (CC1C)	PPT &PDF
	Semester-IV	i. First-Aid (CC1D)	PPT &PDF

Contd.



	Semester-V	i. Brady Volley Ball Test (DSE1)	PPT & PDF
	Semester-VI	i. Training Load:-Components and Principle (DSE2)	PPT & PDF

  
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### Department of Physical Education

#### Summary sheet of ICT mode of Learning Session-2020-21

Name of the Faculty	Semester	Name of the topic with Course code	Mode of Teaching under ICT Method (PPT,PDF,Video Lecture etc)
Dr Manisha Mondal	Semester-I	i. Modern Concept of physical Education ii. Sociological Foundation of Physical Education iii. AAHPERD Youth Fitness (CC1A)	PPT & PDF
	Semester-II	i. Importance of sports management ii. Qualities of good Leader (CC1B)	PPT & PDF
	Semester-III	i. Blood Composition and Function ii. Types of Muscular Contraction iii. Human Cell:-Structure and Function (CC1C)	PPT & PDF
	Semester-IV	i. Postural Deformities ii. Physical Fitness and Components (CC1D)	PPT & PDF
	Semester-IV	i. History of Yoga ii. Different types of Asana (SEC2)	PPT & PDF
	Semester-V	i. AAHPERD Composition and Function ii. Criteria of Good Test (DSE1)	PPT & PDF
	Semester-V	i. Physical Fitness and Components (DSE1)	PPT & PDF
	Semester-V	i. Modern Olympic ii. Age Classification (GE1)	PPT & PDF

Contd.

	Semester- VI	i. Sports Psychology ii. Learning Curve iii. Personality Development	PPT & PDF
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#### Summary sheet of ICT mode of Learning Session-2021-22

Name of the Faculty	Semester	Name of the topic with Course code	Mode of Teaching under ICT Method (PPT,PDF,Video Lecture etc)
Dr Manisha Mondal	Semester-I	i. Modern Olympic ii. Sociological Foundation of Physical Education (CC1A)	PPT &PDF
	Semester-II	i. Importance of sports management ii. Qualities of good Leader (CC1B)	PPT &PDF
	Semester-III	i. Human Cell:-Structure and Function ii. Blood Composition and Function (CC1C)	PPT &PDF
	Semester-IV	i. Postural Deformities (CC1D)	PPT &PDF
	Semester-IV	i. History of Yoga (SEC2)	PPT &PDF
	Semester-V	i. AAHPERD Youth Fitness Test ii. Criteria of Good Test (DSE1)	PPT &PDF
	Semester-V	i. Physical Fitness and Components (DSE1)	PPT &PDF
	Semester-V	i. Modern concept of Physical Education (GE1)	PPT &PDF
	Semester-VI	i. Personality Development (DSE2)	PPT &PDF
Dibyendu Mondal (Guest Faculty)	Semester-I	i. Recreation and its importance ii. Age Classification (CC1A)	PPT &PDF
	Semester-II	i. Time Table:-Components and affecting factors ii. Intramural and Extramural competition (CC1B)	PPT &PDF
	Semester-III	i. Structure of Heart ii. Structure of Lungs(CC1C)	PPT &PDF

Contd.

	Semester-IV	i. First-Aid (CC1D)	PPT & PDF
	Semester-V	i. Johnson Basket Ball Test i. Brady Volley Ball Test (DSE1)	PPT & PDF
	Semester-VI	i. Training Load:-Components and Principle ii. Warming up and Cooling down:-Meaning Types and Method (DSE2)	PPT & PDF

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#### Summary sheet of ICT mode of Learning Session-2022-23

Name of the Faculty	Semester	Name of the topic with Course code	Mode of Teaching under ICT Method (PPT,PDF,Video Lecture etc)
Dr Manisha Mondal	Semester-I	i. Modern Concept of physical Education ii. Sociological Foundation of Physical Education (CC1A)	PPT &PDF
	Semester-II	i. Importance of sports management ii. Qualities of good Leader(CC1B)	PPT &PDF
	Semester-III	i. Blood Composition and Function ii. Type of Muscular Contraction (CC1C)	PPT &PDF
	Semester-IV	i. Postural Deformities(CC1D)	PPT &PDF
	Semester-IV	i. History of Yoga(SEC2)	PPT &PDF
	Semester-V	i. AAHPERD Composition and Function ii. Criteria of Good Test(DSE1)	PPT &PDF
	Semester-V	i. Physical Fitness and Components (DSE1)	PPT &PDF
	Semester-V	i. Modern Olympic(GE1)	PPT &PDF
	Semester-VI	i. Sports Psychology(DSE2)	PPT &PDF
Dibyendu Mondal (Guest Faculty)	Semester-I	i.Recreation and its importance (CC1A)	PPT &PDF
	Semester-II	i. Time Table:-Components and affecting factors (CC1B)	PPT &PDF
	Semester-III	i.Structure of Heart(CC1C)	PPT &PDF
	Semester-IV	i. First-Aid (CC1D)	PPT &PDF

Contd.

Subhendu Mondal (Guest Faculty)	Semester-V	i. Brady Volley Ball Test (DSE1)	PPT & PDF
	Semester-VI	i. Training Load:-Components and Principle (DSE2)	PPT & PDF
	Semester-I	i. National sports Award (CC1A)	PPT & PDF
	Semester-II	i. Importance of Intramural and Extramural Competition(CC1B)	PPT & PDF
	Semester-III	i. Circulatory System ii. Respiratory system (CC1C)	PPT & PDF
	Semester-III	i. Track and Field(SEC1)	
	Semester-IV	i. Nutrition:- Types and Components(CC1D)	PPT & PDF
	Semester-V	i. Somatotype :- Concept and Method (DSE1)	PPT & PDF
	Semester-V	i. Sports Training (DSE1)	PPT & PDF
	Semester-V	i. Sports Injury(GE1)	PPT & PDF
Semester-VI	i. Motivation:-Types and importance in Physical Education(DSE2)	PPT & PDF	

  
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**Department of Physics**  
**List of PDF and PPT**  
**Session: 2022-2023**

Name of the Faculty	Semester	Name of Course	Topic	Teaching through ICT method
<i>Dr. Madhumita Bhattacharya</i>	I (Hons.)	<b>CC1 (Mathematical Physics)</b>	Vector algebra Vectors under rotation Vector differentiation Vector integration	PPT(4)
	II(Hons.)	<b>CC2 ( Electricity &amp; Magnetism)</b>	Electric dipole, Gauss Law & Applications, Capacitors, Electrical Image, Dielectrics	PPT(5)
	III (Hons.)	<b>CC7 (Digital Systems &amp; Applications)</b>	CRO, Digital Circuits, Boolean Algebra, Multiplexers & Demultiplexers, Arithmetic circuits, Sequential circuits, Shift Registers, Counters, Timers, Computer organization, Microprocessor	PPT(11)
	IV (Hons.)	<b>CC10 (Analog Systems &amp; Applications)</b>	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications	PPT(6)
	V (Hons.)	<b>CC12 (Solid State Physics)</b>	Crystal Structure Diffraction of X-rays by crystal	PPT(2)



	VI (Hons.)	<b>CC13 (Electromagnetic Theory)</b>	Maxwell's Equations Poynting theorem	PPT(2)
<i>Prof. Kartick Chandra Saha</i>	I (Hons.)	<b>CC2 (Mechanics)</b>	Motion of a Projectile, Work and Kinetic Energy Theorem, Moment of Inertia	PDF & PPT(3)
	II (Hons.)	<b>CC4 (Waves and Optics)</b>	Linearity and Superposition Principle, Velocity of Transverse Vibrations of Stretched Strings, Laplace's Correction	PDF & PPT(3)
	III (Hons.)	<b>CC6 (Thermal Physics)</b>	Zeroth and First Law of Thermodynamics, Applications of First Law, Carnot engine & efficiency, Van der Waal's Equation of State for Real Gases	PDF & PPT(4)
	IV (Hons.)	<b>CC9 (Elements of Modern Physics)</b>	Photo-electric effect, Group and Phase velocities, Heisenberg uncertainty principle, Step potential	PDF & PPT(4)
	V (Hons.)	<b>CC11 (Quantum Mechanics and applications)</b>	Time dependent Schrodinger equation, Commutator of position and momentum operators, Square well potential, Quantum mechanics of simple harmonic oscillator	PDF & PPT(4)
	VI (Hons.)	<b>CC14 (Statistical Mechanics)</b>	Classical Statistics, Classical Theory of Radiation, Quantum Theory of Radiation, B-E distribution law, Fermi-Dirac Distribution Law	PDF & PPT(5)
	I (Hons.)	<b>CC2 (Mechanics)</b>	Elasticity, fluid flow, central force motion, Special theory of relativity	PDF & PPT (12)

<b>Dr. Banashree Ghosh</b>	II (Hons.)	CC4 (Physical optics)	EM theory of light, Interference of light, Interferometers, Diffraction of light, Holography	PDF &PPT (30)
	V (Hons.)	DSE-2(Classical Dynamics)	Newtonian Mechanics, Classical mechanics, Small Oscillation, Fluid Dynamics, Special theory of relativity-II	PDF &PPT (30)
	VI (Hons.)	DSE-3 (Nuclear and Particle Physics)	Particle physics and Nuclear Physics	PDF &PPT (36)
	I	ENVS	Sewage treatment Climate Change	PDF &PPT (3)
<b>Dr. Monoj Das</b>	I (Hons.)	CC-1 MATHEMATICAL PHYSICS- I	Taylor and binomial series, First Order Differential Equations and Integrating Factor, Homogeneous Equations with constant coefficients. Wronskian and general solution. Partial derivatives, exact and inexact differentials. binomial, Gaussian, and Poisson, with examples	PPT(5)
	II (Hons.)	CC-3 ELECTRICITY AND MAGNETISM	Biot Savart's Law and its simple applications, Ampere's Circuital Law and its application, Electromagnetic Induction: Faraday's Law. Lenz's Law, Self Inductance and Mutual Inductance, AC Circuits: Kirchhoff's laws for AC circuits, Network Theorems: Thevenin theorem, Norton theorem	PPT(6)
	III (Hons.)	CC-5 MATHEMATICAL PHYSICS-II	Fourier Series: Periodic functions, Even and odd functions and their Fourier expansions, Properties of Legendre Polynomials, Bessel Functions of the First	PPT(6)

			Kind: Generating Function, Beta and Gamma Functions and Relation between them, Laplace's Equation in problems of rectangular, cylindrical and spherical symmetry	
	IV (Hons.)	<b>CC-8 MATHEMATICAL PHYSICS-III</b>	Complex Numbers and their Graphical Representation, De Moivre's theorem, Integration of a function of a complex variable. Cauchy's Inequality. Cauchy's Integral formula, Laurent and Taylor's expansion, Residues and Residue Theorem, Fourier Transforms: Fourier Integral theorem, Applications of Fourier transforms, Laplace Transforms: Laplace Transform (LT) of Elementary functions. Properties of LTs	PPT(7)
	V (Hons.)	<b>DSE-1 ADVANCED MATHEMATICAL PHYSICS</b>	Linear Vector Spaces, Matrices and their properties, Eigen-values and Eigenvectors, Diagonalization of Matrices, Moment of Inertia Tensor. Stress and Strain Tensors	PPT(5)
	VI (Hons.)	<b>CC-13 ELECTROMAGNETIC THEORY</b>	Polarization of Electromagnetic Waves, Uniaxial and Biaxial Crystals, Double refraction, Polarization by Double Refraction, Nicol Prism, Ordinary & extraordinary refractive indices. Quarter-Wave and Half-Wave Plates, Babinet Compensator and its Uses. Optical Fibres-Numerical Aperture.	PPT(5)

	VI (GEN)	<b>SEC- 4: ELECTRICAL CIRCUITS AND NETWORK SKILLS</b>	Rules to analyze AC sourced electrical circuits. Real, imaginary and complex power components of AC source. Power factor. Generators and Transformers, Electric Motors: Single-phase, three-phase & DC motors	PPT(3)
Prof. Kunal Murmu	IV (Hons.)	<b>CC9 (Elements of Modern Physics)</b>	Size and structure of atomic nucleus and its relation with atomic weight, Nature of nuclear force, NZ graph, Liquid Drop model: semi-empirical mass formula and binding energy, Nuclear Shell Model and magic numbers. Lasers: Einstein's A and B coefficients. Metastable states. Spontaneous and Stimulated emissions. Optical Pumping and Population Inversion. Three-Level and Four-Level Lasers. Ruby Laser and He-Ne Laser. Basic lasing	PPT(7)
	V (Hons.)	<b>CC11 (Quantum Mechanics and applications)</b>	Atoms in Electric & Magnetic Fields: Spin-orbit coupling in atoms- L-S and J-J couplings. Stern-Gerlach Experiment. Zeeman Effect, Normal and Anomalous Zeeman Effect. Paschen Back and Stark. Fine structure. Spin orbit coupling	PPT(5)
	VI (Hons.)	<b>DSE- 4: Astronomy &amp; Astrophysics</b>	Astronomical Coordinate Systems, Astronomical techniques, The Sun, Galaxies, Milky way galaxy	PPT(10)

Babita Mondal	I (Hons.)	CC1	Introduction to C Programming Language, Data types and Variables, Conditional statements in C, Branching statements in C, Array in C, Function in C	PDF(6)
	III (Hons.)	CC5	SciLab	PDF (1)
	IV (Hons.)	CC8 SEC-2	SciLab Computational Physics	PDF (1) PDF(5)
	V (Hons.)	CC11 DSE1	SciLab	PDF(2)
		SEC-3(G)(s5)	Computational Physics	PDF(4)
	VI (Hons.)	CC14 (s6):	SciLab	PDF(1)

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**List of PDF and PPT**  
**Session: 2021-2022**

Name of the Faculty	Semester	Name of Course	Topic	Teaching through ICT method
<i>Dr. Madhumita Bhattacharya</i>	I (Hons.)	<b>CC1 (Mathematical Physics)</b>	Vector algebra Vectors under rotation Vector differentiation Vector integration	PPT(4)
	II(Hons.)	<b>CC2 ( Electricity &amp; Magnetism)</b>	Electric dipole, Gauss Law & Applications, Capacitors, Electrical Image, Dielectrics	PPT(5)
	III (Hons.)	<b>CC7 (Digital Systems &amp; Applications)</b>	CRO, Digital Circuits, Boolean Algebra, Multiplexers & Demultiplexers, Arithmetic circuits, Sequential circuits, Shift Registers, Counters, Timers, Computer organization, Microprocessor	PPT(11)
	IV (Hons.)	<b>CC10 (Analog Systems &amp; Applications)</b>	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications	PPT(6)
	V (Hons.)	<b>CC12 (Solid State Physics)</b>	Crystal Structure Diffraction of X-rays by crystal	PPT(2)

	VI (Hons.)	CC13 (Electromagnetic Theory)	Maxwell's Equations Poynting theorem	PPT(2)
<i>Prof. Kartick Chandra Saha</i>	I (Hons.)	CC2 (Mechanics)	Motion of a Projectile, Work and Kinetic Energy Theorem, Moment of Inertia	PDF & PPT(3)
	II (Hons.)	CC4 (Waves and Optics)	Linearity and Superposition Principle, Velocity of Transverse Vibrations of Stretched Strings, Laplace's Correction	PDF & PPT(3)
	III (Hons.)	CC6 (Thermal Physics)	Zeroth and First Law of Thermodynamics, Applications of First Law, Carnot engine & efficiency, Van der Waal's Equation of State for Real Gases	PDF & PPT(4)
	IV (Hons.)	CC9 (Elements of Modern Physics)	Photo-electric effect, Group and Phase velocities, Heisenberg uncertainty principle, Step potential	PDF & PPT(4)
	V (Hons.)	CC11 (Quantum Mechanics and applications)	Time dependent Schrodinger equation, Commutator of position and momentum operators, Square well potential, Quantum mechanics of simple harmonic oscillator	PDF & PPT(4)
	VI (Hons.)	CC14 (Statistical Mechanics)	Classical Statistics, Classical Theory of Radiation, Quantum Theory of Radiation, B-E distribution law, Fermi-Dirac Distribution Law	PDF & PPT(5)
	I (Hons.)	CC2 (Mechanics)	Elasticity, fluid flow, central force motion, Special theory of relativity	PDF & PPT (12)

<b>Dr. Banashree Ghosh</b>	II (Hons.)	<b>CC4 (Physical optics)</b>	EM theory of light, Interference of light, Interferometers, Diffraction of light, Holography	PDF &PPT (30)
	V (Hons.)	<b>DSE-2(Classical Dynamics)</b>	Newtonian Mechanics, Classical mechanics, Small Oscillation, Fluid Dynamics, Special theory of relativity-II	PDF &PPT (30)
	VI (Hons.)	<b>DSE-3 (Nuclear and Particle Physics)</b>	Particle physics and Nuclear Physics	PDF &PPT (36)
	I	<b>ENVS</b>	Sewage treatment Climate Change	PDF &PPT (3)
<b>Dr. Monoj Das</b>	I (Hons.)	<b>CC-1 MATHEMATICAL PHYSICS- I</b>	Taylor and binomial series, First Order Differential Equations and Integrating Factor, Homogeneous Equations with constant coefficients. Wronskian and general solution. Partial derivatives, exact and inexact differentials. binomial, Gaussian, and Poisson, with examples	PPT(5)
	II (Hons.)	<b>CC-3 ELECTRICITY AND MAGNETISM</b>	Biot Savart's Law and its simple applications, Ampere's Circuital Law and its application, Electromagnetic Induction: Faraday's Law. Lenz's Law, Self Inductance and Mutual Inductance, AC Circuits: Kirchhoff's laws for AC circuits, Network Theorems: Thevenin theorem, Norton theorem	PPT(6)
	III (Hons.)	<b>CC-5 MATHEMATICAL PHYSICS-II</b>	Fourier Series: Periodic functions, Even and odd functions and their Fourier expansions, Properties of Legendre Polynomials, Bessel Functions of the First	PPT(6)



			Kind: Generating Function, Beta and Gamma Functions and Relation between them, Laplace's Equation in problems of rectangular, cylindrical and spherical symmetry	
IV (Hons.)	<b>CC-8 MATHEMATICAL PHYSICS-III</b>		Complex Numbers and their Graphical Representation, De Moivre's theorem, Integration of a function of a complex variable. Cauchy's Inequality. Cauchy's Integral formula, Laurent and Taylor's expansion, Residues and Residue Theorem, Fourier Transforms: Fourier Integral theorem, Applications of Fourier transforms, Laplace Transforms: Laplace Transform (LT) of Elementary functions. Properties of LTs	PPT(7)
V (Hons.)	<b>DSE-1 ADVANCED MATHEMATICAL PHYSICS</b>		Linear Vector Spaces, Matrices and their properties, Eigen-values and Eigenvectors, Diagonalization of Matrices, Moment of Inertia Tensor. Stress and Strain Tensors	PPT(5)
VI (Hons.)	<b>CC-13 ELECTROMAGNETIC THEORY</b>		Polarization of Electromagnetic Waves, Uniaxial and Biaxial Crystals, Double refraction, Polarization by Double Refraction, Nicol Prism, Ordinary & extraordinary refractive indices. Quarter-Wave and Half-Wave Plates, Babinet Compensator and its Uses. Optical Fibres-Numerical Aperture.	PPT(5)

	VI (GEN)	<b>SEC- 4: ELECTRICAL CIRCUITS AND NETWORK SKILLS</b>	Rules to analyze AC sourced electrical circuits. Real, imaginary and complex power components of AC source. Power factor. Generators and Transformers, Electric Motors: Single-phase, three-phase & DC motors	PPT(3)
<i>Prof. Kunal Murmu</i>	IV (Hons.)	<b>CC9 (Elements of Modern Physics)</b>	Size and structure of atomic nucleus and its relation with atomic weight, Nature of nuclear force, NZ graph, Liquid Drop model: semi-empirical mass formula and binding energy, Nuclear Shell Model and magic numbers. Lasers: Einstein's A and B coefficients. Metastable states. Spontaneous and Stimulated emissions. Optical Pumping and Population Inversion. Three-Level and Four-Level Lasers. Ruby Laser and He-Ne Laser. Basic lasing	PPT(7)
	V (Hons.)	<b>CC11 (Quantum Mechanics and applications)</b>	Atoms in Electric & Magnetic Fields: Spin-orbit coupling in atoms- L-S and J-J couplings. Stern-Gerlach Experiment. Zeeman Effect, Normal and Anomalous Zeeman Effect. Paschen Back and Stark. Fine structure. Spin orbit coupling	PPT(5)
	VI (Hons.)	<b>DSE- 4: Astronomy &amp; Astrophysics</b>	Astronomical Coordinate Systems, Astronomical techniques, The Sun, Galaxies, Milky way galaxy	PPT(10)

<i>Babita Mondal</i>	I (Hons.)	CC1	Introduction to C Programming Language, Data types and Variables, Conditional statements in C, Branching statements in C, Array in C, Function in C	PDF(6)
	III (Hons.)	CC5	SciLab	PDF (1)
	IV (Hons.)	CC8 SEC-2	SciLab Computational Physics	PDF (1) PDF(5)
	V (Hons.)	CC11 DSE1	SciLab	PDF(2)
		SEC-3(G)(s5)	Computational Physics	PDF(4)
	VI (Hons.)	CC14 (s6):	SciLab	PDF(1)

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**Session: 2020-2021**

Name of the Faculty	Semester	Name of Course	Topic	Teaching through ICT method
<i>Dr. Madhumita Bhattacharya</i>	I (Hons.)	<b>CC1 (Mathematical Physics)</b>	Vector algebra Gradient, divergence & curl Vector integration Curvilinear Coordinate System	PPT(4)
	II(Hons.)	<b>CC2 ( Electricity &amp; Magnetism)</b>	Gauss Law & Applications, Laplace & Poisson equation, Electrical Image, Dielectric Polarization, Network Theorems	PPT(5)
	III (Hons.)	<b>CC7 (Digital Systems &amp; Applications)</b>	CRO, Digital Circuits, Boolean Algebra, Multiplexers & Demultiplexers, Arithmetic circuits, Sequential circuits, Shift Registers, Counters, Timers, Computer organization, Microprocessor	PPT(11)
	IV (Hons.)	<b>CC10 (Analog Systems &amp; Applications)</b>	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications	PPT(6)

	V (Hons.)	<b>CC12 (Solid State Physics)</b>	Crystal Structure Diffraction of X-rays by crystal	PPT(2)
	VI (Hons.)	<b>CC13 (Electromagnetic Theory)</b>	Maxwell's Equations Poynting theorem	PPT(2)
<i>Prof. Kartick Chandra Saha</i>	I (Hons.)	<b>CC2 (Mechanics)</b>	Motion of a Projectile, Work and Kinetic Energy Theorem, Moment of Inertia	PDF & PPT(3)
	II (Hons.)	<b>CC4 (Waves and Optics)</b>	Linearity and Superposition Principle, Velocity of Transverse Vibrations of Stretched Strings, Laplace's Correction	PDF & PPT(3)
	III (Hons.)	<b>CC6 (Thermal Physics)</b>	Zeroth and First Law of Thermodynamics, Applications of First Law, Carnot engine & efficiency, Van der Waal's Equation of State for Real Gases	PDF & PPT(4)
	IV (Hons.)	<b>CC9 (Elements of Modern Physics)</b>	Photo-electric effect, Group and Phase velocities, Heisenberg uncertainty principle, Step potential	PDF & PPT(4)
	V (Hons.)	<b>CC11 (Quantum Mechanics and applications)</b>	Time dependent Schrodinger equation, Commutator of position and momentum operators, Square well potential, Quantum mechanics of simple harmonic oscillator	PDF & PPT(4)
	VI (Hons.)	<b>CC14 (Statistical Mechanics)</b>	Classical Statistics, Classical Theory of Radiation, Quantum Theory of Radiation, B-E distribution law, Fermi-Dirac Distribution Law	PDF & PPT(5)

<i>Dr. Banashree Ghosh</i>	I (Hons.)	<b>CC2( Mechanics)</b>	Elasticity, fluid flow, central force motion, Special theory of relativity	PDF &PPT (12)
	II (Hons.)	<b>CC4 (Physical optics)</b>	EM theory of light, Interference of light, Interferometers, Diffraction of light, Holography	PDF &PPT (30)
	V (Hons.)	<b>DSE-2(Classical Dynamics)</b>	Newtonian Mechanics, Classical mechanics, Small Oscillation, Fluid Dynamics, Special theory of relativity-II	PDF &PPT (30)
	VI (Hons.)	<b>DSE-3 (Nuclear and Particle Physics)</b>	Particle physics and Nuclear Physics	PDF &PPT (36)
	I	<b>ENVS</b>	Sewage treatment Climate Change	PDF &PPT (3)
<i>Dr. Monoj Das</i>	I (Hons.)	<b>CC-1 MATHEMATICAL PHYSICS- I</b>	Taylor and binomial series, First Order Differential Equations and Integrating Factor, Homogeneous Equations with constant coefficients. Wronskian and general solution. Partial derivatives, exact and inexact differentials. binomial, Gaussian, and Poisson, with examples	PPT(5)
	II (Hons.)	<b>CC-3 ELECTRICITY AND MAGNETISM</b>	Biot Savart's Law and its simple applications, Ampere's Circuital Law and its application, Electromagnetic Induction: Faraday's Law. Lenz's Law, Self Inductance and Mutual Inductance, AC Circuits: Kirchhoff's laws for AC circuits, Network Theorems: Thevenin theorem, Norton theorem	PPT(6)

	III (Hons.)	<b>CC-5 MATHEMATICAL PHYSICS-II</b>	Fourier Series: Periodic functions, Even and odd functions and their Fourier expansions, Properties of Legendre Polynomials, Bessel Functions of the First Kind: Generating Function, Beta and Gamma Functions and Relation between them, Laplace's Equation in problems of rectangular, cylindrical and spherical symmetry	PPT(6)
	IV (Hons.)	<b>CC-8 MATHEMATICAL PHYSICS-III</b>	Complex Numbers and their Graphical Representation, De Moivre's theorem, Integration of a function of a complex variable. Cauchy's Inequality. Cauchy's Integral formula, Laurent and Taylor's expansion, Residues and Residue Theorem, Fourier Transforms: Fourier Integral theorem, Applications of Fourier transforms, Laplace Transforms: Laplace Transform (LT) of Elementary functions. Properties of LTs	PPT(7)
	V (Hons.)	<b>DSE-1 ADVANCED MATHEMATICAL PHYSICS</b>	Linear Vector Spaces, Matrices and their properties, Eigen-values and Eigenvectors, Diagonalization of Matrices, Moment of Inertia Tensor. Stress and Strain Tensors	PPT(5)
	VI (Hons.)	<b>CC-13 ELECTROMAGNETIC THEORY</b>	Polarization of Electromagnetic Waves, Uniaxial and Biaxial Crystals, Double refraction, Polarization by Double Refraction, Nicol Prism, Ordinary &	PPT(5)

			extraordinary refractive indices. Quarter-Wave and Half-Wave Plates, Babinet Compensator and its Uses. Optical Fibres-Numerical Aperture.	
	VI (GEN)	<b>SEC- 4: ELECTRICAL CIRCUITS AND NETWORK SKILLS</b>	Rules to analyze AC sourced electrical circuits. Real, imaginary and complex power components of AC source. Power factor. Generators and Transformers, Electric Motors: Single-phase, three-phase & DC motors	PPT(3)
Prof. Kunal Murmu	IV (Hons.)	<b>CC9 (Elements of Modern Physics)</b>	Size and structure of atomic nucleus and its relation with atomic weight, Nature of nuclear force, NZ graph, Liquid Drop model: semi-empirical mass formula and binding energy, Nuclear Shell Model and magic numbers. Lasers: Einstein's A and B coefficients. Metastable states. Spontaneous and Stimulated emissions. Optical Pumping and Population Inversion. Three-Level and Four-Level Lasers. Ruby Laser and He-Ne Laser. Basic lasing	PPT(7)
	V (Hons.)	<b>CC11 (Quantum Mechanics and applications)</b>	Atoms in Electric & Magnetic Fields: Spin-orbit coupling in atoms- L-S and J-J couplings. Stern-Gerlach Experiment. Zeeman Effect, Normal and Anomalous Zeeman Effect. Paschen Back and Stark. Fine structure. Spin orbit coupling	PPT(5)



	VI (Hons.)	DSE- 4: Astronomy & Astrophysics	Astronomical Coordinate Systems, Astronomical techniques, The Sun, Galaxies, Milky way galaxy	PPT(10)
Babita Mondal	I (Hons.)	CC1	Introduction to C Programming Language, Data types and Variables, Conditional statements in C, Branching statements in C, Array in C, Function in C	PDF(6)
	III (Hons.)	CC5	SciLab	PDF (1)
	IV (Hons.)	CC8 SEC-2	SciLab Computational Physics	PDF (1) PDF(5)
	V (Hons.)	CC11 DSE1	SciLab	PDF(2)
		SEC-3(G)(s5)	Computational Physics	PDF(4)
	VI (Hons.)	CC14 (s6):	SciLab	PDF(1)

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<i>Dr. Madhumita Bhattacharya</i>	I (Hons.)	<b>CC1 (Mathematical Physics)</b>	Vector algebra Vectors under rotation Vector differentiation Vector integration	PPT(4)
	II(Hons.)	<b>CC2 ( Electricity &amp; Magnetism)</b>	Electric dipole, Gauss Law & Applications, Capacitors, Electrical Image, Dielectrics	PPT(5)
	III (Hons.)	<b>CC7 (Digital Systems &amp; Applications)</b>	CRO, Digital Circuits, Boolean Algebra, Multiplexers & Demultiplexers, Arithmetic circuits, Sequential circuits, Shift Registers, Counters, Timers, Computer organization, Microprocessor	PPT(11)
	IV (Hons.)	<b>CC10 (Analog Systems &amp; Applications)</b>	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications	PPT(6)
	V (Hons.)	<b>CC12 (Solid State Physics)</b>	Crystal Structure Diffraction of X-rays by crystal	PPT(2)

	VI (Hons.)	CC13 (Electromagnetic Theory)	Maxwell's Equations Poynting theorem	PPT(2)
<i>Prof. Kartick Chandra Saha</i>	I (Hons.)	CC2 (Mechanics)	Motion of a Projectile, Work and Kinetic Energy Theorem, Moment of Inertia	PDF & PPT(3)
	II (Hons.)	CC4 (Waves and Optics)	Linearity and Superposition Principle, Velocity of Transverse Vibrations of Stretched Strings, Laplace's Correction	PDF & PPT(3)
	III (Hons.)	CC6 (Thermal Physics)	Zerth and First Law of Thermodynamics, Applications of First Law, Carnot engine & efficiency, Van der Waal's Equation of State for Real Gases	PDF & PPT(4)
	IV (Hons.)	CC9 (Elements of Modern Physics)	Photo-electric effect, Group and Phase velocities, Heisenberg uncertainty principle, Step potential	PDF & PPT(4)
	V (Hons.)	CC11 (Quantum Mechanics and applications)	Time dependent Schrodinger equation, Commutator of position and momentum operators, Square well potential, Quantum mechanics of simple harmonic oscillator	PDF & PPT(4)
	VI (Hons.)	CC14 (Statistical Mechanics)	Classical Statistics, Classical Theory of Radiation, Quantum Theory of Radiation, B-E distribution law, Fermi-Dirac Distribution Law	PDF & PPT(5)
		I (Hons.)	CC2 (Mechanics)	Elasticity, fluid flow, central force motion,

<b>Dr. Banashree Ghosh</b>			Special theory of relativity	
	II (Hons.)	CC4 (Physical optics)	EM theory of light, Interference of light, Interferometers, Diffraction of light, Holography	PDF & PPT (30)
	V (Hons.)	DSE-2 (Classical Dynamics)	Newtonian Mechanics, Classical mechanics, Small Oscillation, Fluid Dynamics, Special theory of relativity-II	PDF & PPT (30)
	VI (Hons.)	DSE-3 (Nuclear and Particle Physics)	Particle physics and Nuclear Physics	PDF & PPT (36)
	I	ENVS	Sewage treatment Climate Change	PDF & PPT (3)
	II (Hons.)	CC-3 <b>ELECTRICITY AND MAGNETISM</b>	Biot Savart's Law and its simple applications, Ampere's Circuital Law and its application, Electromagnetic Induction: Faraday's Law, Lenz's Law, Self Inductance and Mutual Inductance, AC Circuits: Kirchhoff's laws for AC circuits, Network Theorems: Thevenin theorem, Norton theorem	PPT(6)

Dr. Monoj Das	IV (Hons.)	CC-8 MATHEMATICAL PHYSICS-III	Complex Numbers and their Graphical Representation, De Moivre's theorem, Integration of a function of a complex variable. Cauchy's Inequality. Cauchy's Integral formula, Laurent and Taylor's expansion, Residues and Residue Theorem, Fourier Transforms: Fourier Integral theorem, Applications of Fourier transforms, Laplace Transforms: Laplace Transform (LT) of Elementary functions. Properties of LTs	PPT(7)
	VI (Hons.)	CC-13 ELECTROMAGNETIC THEORY	Polarization of Electromagnetic Waves, Uniaxial and Biaxial Crystals, Double refraction, Polarization by Double Refraction, Nicol Prism, Ordinary & extraordinary refractive indices. Quarter-Wave and Half-Wave Plates, Babinet Compensator and its Uses. Optical Fibres-Numerical Aperture.	PPT(5)
	VI (GEN)	SEC- 4: ELECTRICAL CIRCUITS AND NETWORK SKILLS	Rules to analyze AC sourced electrical circuits. Real, imaginary and complex power components of AC source. Power factor. Generators and Transformers, Electric Motors: Single-phase, three-phase & DC motors	PPT(3)

Prof. Kunal Murmu	IV (Hons.)	CC9 (Elements of Modern Physics)	Size and structure of atomic nucleus and its relation with atomic weight, Nature of nuclear force, NZ graph, Liquid Drop model: semi-empirical mass formula and binding energy, Nuclear Shell Model and magic numbers. Lasers: Einstein's A and B coefficients. Metastable states. Spontaneous and Stimulated emissions. Optical Pumping and Population Inversion. Three-Level and Four-Level Lasers. Ruby Laser and He-Ne Laser. Basic lasing	PPT(7)
	VI (Hons.)	DSE- 4: Astronomy & Astrophysics	Astronomical Coordinate Systems, Astronomical techniques, The Sun, Galaxies, Milky way galaxy	PPT(10)
Babita Mondal	I (Hons.)	CC1	Introduction to C Programming Language, Data types and Variables, Conditional statements in C, Branching statements in C, Array in C, Function in C	PDF(6)
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		SEC-3(G)(s5)	Computational Physics	PDF(4)
	VI (Hons.)	CC14 (s6):	SciLab	PDF(1)

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**Gushkara Mahavidyalaya**  
**Department of Physics**  
**List of PDF and PPT**  
**Session-2018-2019**

Name of the Faculty	Semester	Name of Course	Topic	Teaching through ICT method
<i>Dr. Madhumita Bhattacharya</i>	I (Hons.)	<b>CC1 (Mathematical Physics)</b>	Vector algebra Vectors under rotation Vector differentiation Vector integration Curvilinear Coordinate system Spherical & Cylindrical Co-ordinate system	PPT(6)
	II(Hons.)	<b>CC2 ( Electricity &amp; Magnetism)</b>	Electric dipole, Gauss Law & Applications, Capacitors, Electrical Image, Solutions of Laplace Equation, Dielectrics Polarisation, Network Theorems	PPT(7)
	III (Hons.)	<b>CC7 (Digital Systems &amp; Applications)</b>	CRO, Digital Circuits, Boolean Algebra, Multiplexers & Demultiplexers, Arithmetic circuits, Sequential circuits, Shift Registers, Counters, Timers, Computer organization, Microprocessor	PPT(11)
	IV (Hons.)	<b>CC10 (Analog Systems &amp; Applications)</b>	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Transistor Biasing, RC coupled Amplifier, Feedback in Amplifiers,	PPT(8)

			Sinusoidal Oscillators, Operational Amplifiers and Applications	
	.Part3, Paper XI	Electronics	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Transistor Biasing, RC coupled Amplifier, Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications Digital Circuits, Boolean Algebra, , Arithmetic circuits, Sequential circuits	
Prof. Kartick Chandra Saha	I (Hons.)	CC2 (Mechanics)	Motion of a Projectile, Work and Kinetic Energy Theorem, Moment of Inertia	PDF & PPT(3)
	II (Hons.)	CC4 (Waves and Optics)	Linearity and Superposition Principle, Velocity of Transverse Vibrations of Stretched Strings, Laplace's Correction	PDF & PPT(3)
	III (Hons.)	CC6 (Thermal Physics)	Zeroth and First Law of Thermodynamics, Applications of First Law, Carnot engine & efficiency, Van der Waal's Equation of State for Real Gases	PDF & PPT(4)
	IV (Hons.)	CC9 (Elements of Modern Physics)	Photo-electric effect, Group and Phase velocities, Heisenberg uncertainty principle, Step potential	PDF & PPT(4)

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			Sinusoidal Oscillators, Operational Amplifiers and Applications	
	.Part3, Paper XI	Electronics	Semiconductor Physics, Rectifiers, Bipolar Junction Transistor(BJT), Transistor Biasing, RC coupled Amplifier, Feedback in Amplifiers, Sinusoidal Oscillators, Operational Amplifiers and Applications Digital Circuits, Boolean Algebra, , Arithmetic circuits, Sequential circuits	
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Department of Zoology  
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Year-2022-23

Summary sheet of ICT mode of Learning of Department of Zoology

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho(PPT, PDF, Video Lecture etc.)
Dr. Sukhendu Roy	Semester-1	Locomotory organs and their special features in Protozoa (CC1; Unit-2)	PPT & PDF
		Process of Conjugation in <i>Paramecium</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Plasmodium vivax</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Entamoeba histolytica</i> . (CC1; Unit-2)	PPT & PDF
		Lifecycle of <i>Fasciola hepatica</i> (CC1; Unit-6)	PPT & PDF
		Lifecycle of <i>Taenia solium</i> (CC1; Unit-6)	PPT & PDF
		Linear and Y-shaped food chains (CC2; Unit-4)	PPT & PDF
		Nutrient and biogeochemical cycle with an example of Nitrogen cycle (CC2; Unit-4)	PPT & PDF
		Discuss Population Interactions & different types of population interaction like Neutralism, Amensalism, Commensalism etc. & their effect on diff population, result of interaction & example. (CC2; Unit-2)	PPT & PDF
	Discuss overview & mathematical derivation & significance of Lotka-Volterra equation for competition. (CC2; Unit-2)	PPT, PDF & video lecture	
	Semester-2	Mechanism of insect vision. (CC3; Unit-3)	PPT
		Hormonal regulation in Complete metamorphosis in Lepidopteran Insects (CC3; Unit-3)	PPT
		Mechanism of respiration with Gills in prawn. (CC3; Unit-3)	PPT
		Mechanism of respiration with trachea in Cockroach. (CC3; Unit-3)	PPT
		Transport across membrane through Active transport & Passive transport. (CC4; Unit-2)	PPT & video lecture
Cell junctions: Tight junctions and Gap junctions. (CC4; Unit-2)			

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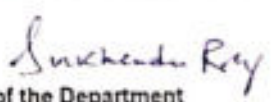
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Dr. Sukhendu Roy		Cell signalling transduction pathways; Types of signalling molecules. (CC4; Unit-8)	PPT	
		Detailed discussion on GPCR & second messenger (cAMP). (CC4; Unit-8)	PPT	
		Mechanism of Apoptosis pathway and role of Caspases (CC4; Unit-8)	PPT	
		Cell cycle and its regulation (Cyclin-CDK regulation) (CC4; Unit-7)	PPT	
		Cancer & its properties; Concept of oncogenes; tumor suppressor genes with special reference to p53, Retinoblastoma and Ras and APC. (CC4; Unit-7)	PPT	
	Semester-3		Retrogressive metamorphosis in Ascidia. (CC5; Unit-2)	PPT
			Metamorphosis in Amphibia. (CC5; Unit-6)	PPT
			Parental care in Amphibia. (CC5; Unit-6)	PPT
			Exoskeleton and migration in Birds. (CC5; Unit-8)	PPT
			Exoskeleton derivatives of mammals. (CC5; Unit-9)	PPT
			Origin of action potential and its propagation across the myelinated and unmyelinated nerve fibers. (CC6; Unit-3)	PPT
			Synaptic transmission. (CC6; Unit-3)	PPT
			Mechanism of Hormone action: Signal transduction pathways for Steroidal & Nonsteroidal hormones. (CC6; Unit-6)	PPT
			Hormonal regulation of ovarian cycle. (CC6; Unit-5)	PPT
			Mechanism of Glycolysis; with structural modification (CC7; Unit-1)	PPT
			Mechanism of Citric acid cycle with structural modification (CC7; Unit-1)	PPT
			Mechanism of Pentose phosphate pathway, with structural modification (CC7; Unit-1)	PPT
			Enzyme kinetics (CC7; Unit-5)	PPT
		Axial skeleton & appendicular skeleton. (CC8; Unit-2)	PPT	
		Comparative account of heart in different vertebrates. (CC8; Unit-5)	PPT	
	Comparative account of aortic arches in different vertebrates. (CC8; Unit-5)	PPT		

  
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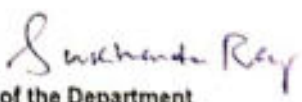
  
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Dr. Sukhendu Roy	Semester-4	Blood clotting system&mechanism of blood clotting-Extrinsic pathway& Intrinsic pathway (CC9; Unit-3)	PPT
		Mechanical and chemical digestion of food. (CC9; Unit-9)	PPT
		Absorption of Carbohydrates, Lipids, Proteins and Nucleic Acids. (CC9; Unit-9)	PPT
		Mechanism of urine formation. (CC9; Unit-6)	PPT
		Regulation of acidbase balance. (CC9; Unit-6)	PPT
		Structure and functions of MHC-1 molecules & MHC-II & supporting molecules. (CC10; Unit-6)	PPT
		Pathways of complement activation. (CC10; Unit-7)	PPT
		Hypersensitive reaction. (CC10; Unit-8)	PPT
	Semester-5	Proteins synthesis mechanism (CC11; Unit-4)	PPT
		Genetic code, Degeneracy of the genetic code and Wobble Hypothesis. (CC11; Unit-4)	PPT
		Inhibitors of protein synthesis (CC11; Unit-4)	PPT
		Western blot (CC11; Unit-8)	PPT
		PCR (CC11; Unit-8)	PPT
		Sanger DNA sequencing(CC11; Unit-8)	PPT
		Southern blot & Northern Blot (CC11; Unit-8)	PPT
		Morgan concept about linkage & derivation of Linkage with Drosophila fly (CC12; Unit-2)	PPT
		Measuring Recombination frequency and linkage intensity using three factor crosses, Interference and coincidence. (CC12; Unit-2)	PPT
		Mechanism of Sex determination of Drosophila and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Mechanism of Sex determination of Human and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
Molecular basis of crossing over (CC12; Unit-2)	PPT		
Cloning vectors: Plasmids, Cosmids, Phagemids, Lambda	PPT		

  
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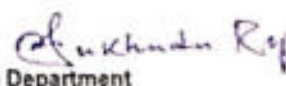
  
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Dr. Sukhendu Roy	Semester-6	Bacteriophage, M13, BAC, YAC, MAC (DSE1; Unit-2)	
		Construction of genomic and cDNA libraries (DSE1; Unit-2)	PPT
		DNA Fingerprinting (DSE1; Unit-2)	PPT
		Life Cycle of <i>Schistosoma haematobium</i> (DSE2; Unit-3)	PPT
		Life Cycle of <i>Taenia saginata</i> (DSE2; Unit-3)	PPT
	Development of brain in Vertebrate. (CC13; Unit-4)	PPT	
	Development of Eye in Vertebrate. (CC13; Unit-4)	PPT	
	Detail study of modes of regeneration- epimorphosis. (CC13; Unit-4)	PPT	
	Detail study of modes of regeneration- morphallaxis & Compensatory regeneration. (CC13; Unit-4)	PPT	
	Teratogenic agents and their effects on embryonic development. (CC13; Unit-5)	PPT	
	In vitro fertilization. (CC13; Unit-5)	PPT	
	Amniocentesis. (CC13; Unit-5)	PPT	
	Evolutionary forces upsetting H-W equilibrium. (CC14; Unit-5)	PPT	
	Genetic Drift mechanism. (CC14; Unit-5)	PPT	
	Role of Migration and Mutation in changing allele frequencies. (CC14; Unit-5)	PPT	
	Evolution of Man. (CC14; Unit-8)	PPT	
	Evolution of horse. (CC14; Unit-3)	PPT	
	Stereotyped behaviour & Learning Behaviour (DSE3; Unit-2)	PPT	
	Habituation, Imprinting with supporting example. (DSE3; Unit-2)	PPT	
	Social Behaviour: Concept of Society. (DSE3; Unit-3)	PPT	
	Foraging in honeybee. (DSE3; Unit-3)	PPT	
	Sexual Behaviour. (DSE3; Unit-3)	PPT	
	Mechanism of action of steroidal with receptors & non-steroidal hormones with receptors. (DSE4; Unit-4)	PPT	
	Menstrual cycle in human. (DSE4; Unit-4)	PPT	
	Multifaceted role of Vasopressin & Oxytocin. (DSE4; Unit-4)	PPT	

  
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Video Lecture	
Own YouTube Channel link	
Development of Eye:	<a href="https://www.youtube.com/watch?v=flg_coeDdCj4">https://www.youtube.com/watch?v=flg_coeDdCj4</a>
Genetic drift:	<a href="https://www.youtube.com/watch?v=noBrueajCGo">https://www.youtube.com/watch?v=noBrueajCGo</a>
Natural selection:	<a href="https://www.youtube.com/watch?v=IO3GWSssvH0">https://www.youtube.com/watch?v=IO3GWSssvH0</a>
Evolution of horse:	<a href="https://www.youtube.com/watch?v=hkB4Pjtqx-U">https://www.youtube.com/watch?v=hkB4Pjtqx-U</a>
Development of Brain:	<a href="https://www.youtube.com/watch?v=u37P7oFrKvk">https://www.youtube.com/watch?v=u37P7oFrKvk</a>
Hardy Weinberg law:	<a href="https://www.youtube.com/watch?v=Lor8WKTJY3s">https://www.youtube.com/watch?v=Lor8WKTJY3s</a>
Glycolysis:	<a href="https://www.youtube.com/watch?v=xPMGbUCZack">https://www.youtube.com/watch?v=xPMGbUCZack</a>
Migration alters allele frequency:	<a href="https://www.youtube.com/watch?v=0nY_TaqVA4A">https://www.youtube.com/watch?v=0nY_TaqVA4A</a>
Google meet recorded link	
Nucleus:	<a href="https://drive.google.com/file/d/1UJQIOKNoTLQdi0AcB4eY5KgXzJL4Gem/view?usp=sharing">https://drive.google.com/file/d/1UJQIOKNoTLQdi0AcB4eY5KgXzJL4Gem/view?usp=sharing</a>
Translation:	<a href="https://drive.google.com/file/d/1z6-BXwNEq1VjOp46a7dbBlnxYVelwXY/view?usp=sharing">https://drive.google.com/file/d/1z6-BXwNEq1VjOp46a7dbBlnxYVelwXY/view?usp=sharing</a>
Inhibition of Translation:	<a href="https://drive.google.com/file/d/1ZIRTbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing">https://drive.google.com/file/d/1ZIRTbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing</a>
Blood Pressure:	<a href="https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing">https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing</a>
Urine formation:	<a href="https://drive.google.com/file/d/1rTUmmBcQW_a1WVXnTpQX7bpa24BDQ8ML/view?usp=sharing">https://drive.google.com/file/d/1rTUmmBcQW_a1WVXnTpQX7bpa24BDQ8ML/view?usp=sharing</a>
Respiratory System:	<a href="https://drive.google.com/file/d/1qviZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing">https://drive.google.com/file/d/1qviZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing</a>
Hypersensitivity:	<a href="https://drive.google.com/file/d/1EtbohIFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing">https://drive.google.com/file/d/1EtbohIFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing</a>
Hypersensitivity Part-II:	<a href="https://drive.google.com/file/d/1eFGpEOlewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing">https://drive.google.com/file/d/1eFGpEOlewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing</a>
Circulatory System:	<a href="https://drive.google.com/file/d/1fKYK1lcqjz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing">https://drive.google.com/file/d/1fKYK1lcqjz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing</a>
Skeletal System:	



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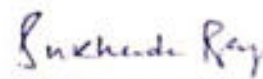


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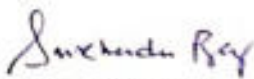
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	<a href="https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYglbaJl9MBXUmUL/view?usp=sharing">https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYglbaJl9MBXUmUL/view?usp=sharing</a>		
	<b>Skeletal System Part-II</b> <a href="https://drive.google.com/file/d/1TavlgmHqICbdq4nfZLFuP2xbZ4vs5SYh/view?usp=sharing">https://drive.google.com/file/d/1TavlgmHqICbdq4nfZLFuP2xbZ4vs5SYh/view?usp=sharing</a>		
	<b>Jaw Suspension:</b> <a href="https://drive.google.com/file/d/16QG90T_LPYPpX01oFoSMFy859v8MUmy/view?usp=sharing">https://drive.google.com/file/d/16QG90T_LPYPpX01oFoSMFy859v8MUmy/view?usp=sharing</a>		
	<b>Blood:</b> <a href="https://drive.google.com/file/d/1glm5GxBkAgyov8aaWG7v6k4HHjwev3rH/view?usp=sharing">https://drive.google.com/file/d/1glm5GxBkAgyov8aaWG7v6k4HHjwev3rH/view?usp=sharing</a>		
	<b>Aortic arch</b> <a href="https://drive.google.com/file/d/1a2jT7MRNqR0lmgmQNeUvYyKg6aYn2pAV/view?usp=sharing">https://drive.google.com/file/d/1a2jT7MRNqR0lmgmQNeUvYyKg6aYn2pAV/view?usp=sharing</a>		
	<b>ABO blood group:</b> <a href="https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing">https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing</a>		
	<b>Cardiac cycle:</b> <a href="https://drive.google.com/file/d/1zCp3Qj-Tk.Jrk_IACL_kLVu3he0dPAmoG/view?usp=sharing">https://drive.google.com/file/d/1zCp3Qj-Tk.Jrk_IACL_kLVu3he0dPAmoG/view?usp=sharing</a>		
	<b>Digestive System:</b> <a href="https://drive.google.com/file/d/18YLzXRyWs_CfG4PO_UR91KE1ZK12kZxu/view?usp=sharing">https://drive.google.com/file/d/18YLzXRyWs_CfG4PO_UR91KE1ZK12kZxu/view?usp=sharing</a>		
	<b>Digestion of Protein &amp; lipid:</b> <a href="https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-plRoMyFLVZ4/view?usp=sharing">https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-plRoMyFLVZ4/view?usp=sharing</a>		
	<b>Complement System:</b> <a href="https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing">https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing</a>		
	<b>Blood Pressure:</b> <a href="https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIVo3s6q3/view?usp=sharing">https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIVo3s6q3/view?usp=sharing</a>		
	<b>Cytoskeleton:</b> <a href="https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSgTk4kweG1M21M/view?usp=sharing">https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSgTk4kweG1M21M/view?usp=sharing</a>		
	<b>Cell Signaling:</b> <a href="https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing">https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing</a>		
	<b>Cell Cycle:</b> <a href="https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CqEfSb1AC0/view?usp=sharing">https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CqEfSb1AC0/view?usp=sharing</a>		
	Semester-1	Metagenesis in <i>Obelia</i> Ecosystem	PPT, PDF PPT, PDF
	Semester-2	Larval forms in Echinodermata	PPT, PDF, YouTube
		Affinities with Chordates	PPT, PDF, YouTube
	Semester-3	Retgressive metamorphosis in <i>Acidia</i>	PPT, PDF

  
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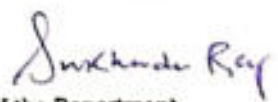
  
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Dr. Saurabh Sarkar		Swim Bladder in Fishes	PPT, PDF
		Terpenoids	PDF, YouTube
	Semester-4	Apiculture	PPT, PDF
		Renal Physiology	PPT, PDF, YouTube
		Heart	
	Semester-5	Human Karyotype	PPT, PDF
		Polygenic inheritance	PPT, PDF
		Genome	PPT, PDF
	Semester-6	Regulation of Eukaryotic transcription and gene silencing	PPT, PDF
		Development Biology Introduction	PPT, PDF, YouTube
		Gametogenesis: Spermatogenesis, Oogenesis	PPT, PDF, YouTube
		Types of eggs, Egg membranes	PPT, PDF, YouTube
		Fertilization (External and Internal): Changes in gametes, Blocks to polyspermy	PPT, PDF, YouTube
		Planes and patterns of cleavage	PPT, PDF, YouTube
		Types of Blastula	PPT, PDF, YouTube
		Fate maps (including Techniques)	PPT, PDF, YouTube
		Early development of frog up to gastrulation	PPT, PDF, YouTube
		Early development of chick up to gastrulation	PPT, PDF, YouTube
		Embryonic induction and organizers	PPT, PDF, YouTube
		Hormonal Regulation of Parturition	PPT, PDF, YouTube
	Oxytocin and Vasopressin		
	Extinction	PPT, PDF, YouTube	
Own YouTube Channel Link: <a href="https://www.youtube.com/@drosophila5012/videos">https://www.youtube.com/@drosophila5012/videos</a>			
Departmental YouTube Channel: <a href="https://www.youtube.com/@departmentofzoologygushkar2040/videos">https://www.youtube.com/@departmentofzoologygushkar2040/videos</a>			
Rubinur Khatun	Semester-1	Life cycle of <i>Ascaris lumbricoides</i> (cc1;unit-7)	PPT
	Semester-2	General characteristics and evolutionary significance of phylum Onychophora (cc3;unit-4) Microtubule Associated Proteins (cc4;unit-5)	PPT

  
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 Co-ordinator  
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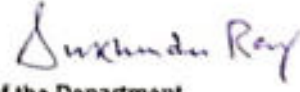
  
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	Semester-3	Parental care in Amphibia (cc5;unit-6) Placental Hormones(cc6;unit-6)	PPT and PDF
	Semester-4	Structure and function of digestive system (cc-8,unit-3) Mechanism of urine formation (cc-9;unit-6) ELISA (cc-9;unit-4)	PPT
	Semester-5	Lac operon (cc-11;unit-6) Kappa Particle in <i>Paramecium</i> (cc-12;unit-5)	PPT
	Semester-6	Planes of cleavage (cc-13;unit-2) Sources of variations (cc-14;unit-4) Hypothalamic regulation of neuroendocrine glands (DSE-4;unit-2)	PPT
Aparnita Nandi Roy	Semester-1	General characteristics and Classification of Cnidaria upto order(CC1;unit4)	PPT & PDF
		Metagenesis in <i>Obelia sp.</i> (CC1;Unit4)	PPT & PDF
		Coral and coral reefs diversity , function and conservation (CC1;Unit4)	PPT & PDF
		Applied Ecology: conservation of Biodiversity: in situ & ex situ(CC2; Unit:5))	PPT & PDF
		Management strategies of tiger conservation (CC2; Unit 5)	PPT & PDF
	Semester-2	1) General characteristics and classification of phylum Annelida upto order(CC3;Unit2)	PPT & PDF
		Excretion od Annelida through nephridia (CC3;Unit 2)	PPT & PDF
		Water vascular system In Asteroidea(CC3;Unit6)	PPT & PDF
		Basic structure of prokaryotic and Eukaryotic cells(CC4;Unit1)	PPT & PDF
		Structure of virus, virions, prions and mycoplasma (CC4; Unit1)	PPT & PDF
	Semester-3	Accessory respiratory organs of fishes (CC5;Unit5)	PPT & PDF
		Migration and parental care of fishes (CC5;Unit5)	PPT & PDF
		Swim bladder in fishes (CC5; Unit 5)	PPT & PDF
		Structure,location, function and classification of epithelial tissue (CC6;	PPT & PDF

  
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Aparnita Nandi Roy	Semester-3	Unit 1)	
		Structure,location,function and classification of connective tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of muscular tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of nerve tissue (CC6;Unit1)	PPT & PDF
		Histology and function of Pituitary gland (CC6;Unit6)	PPT & PDF
		Histology and function of Thyroid gland(CC6; unit6)	PPT & PDF
		Histology and function of Adrenal gland (CC6;unit6)	PPT & PDF
		Histology and function of Pancreas ( CC6; Unit 6)	PPT & PDF
		Lipid metabolism:beta oxidation of Fatty acids (CC7;Unit2)	PPT & PDF
	Semester-4	Skeletal system: Jaw suspension in vertebrates (CC8; Unit2)	PPT & PDF
		Comparative anatomy of stomach (CC8;Unit3)	PPT & PDF
		Dentition in mammals(CC8;Unit 3)	PPT & PDF
		Structural organisation and function of gastrointestinal tract and associated glands.(CC9;Unit1)	PPT & PDF
		Digestive enzymes (CC9; Unit 1)	PPT & PDF
		Physiological classification based on Thermal Biology (CC9; Unit 5)	PPT & PDF
		Osmoregulation in aquatic vertebrates (CC9; Unit 5)	PPT & PDF
		B cell and T cell epitopes (CC10; Unit 3)	PPT & PDF
		Types, properties and function of Cytokines (CC10;Unit6)	PPT & PDF
	Semester-5	1) Structure of Watson Crick's model of DNA(CC11;Unit1)	PPT & PDF
		Polygenic inheritance (CC12;Unit 1)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenecity diagnosis,prophylaxis, treatment of <i>Giardia intestinalis</i> .(DSE2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenecity diagnosis,prophylaxis, treatment of <i>Trypanosoma gambiense</i> .(DSE 2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity.	PPT & PDF



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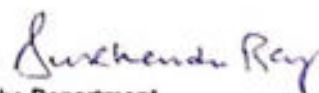
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Aparnita Nandi Roy		diagnosis,prophylaxis, treatment of <i>Leishmania donovani</i> . DSE2; Unit 2)	
	Semester-6	Embryonic induction and organizers (CC13; Unit 2)	PPT & PDF
		Structure, types and function of placenta (CC13;Unit 3)	PPT & PDF
		Historical review of evolutionary concepts: Darwinism and Neodarwinism CC14; Unit 2)	PPT & PDF
		Role of melatonin (DSE 3;Unit5)	PPT & PDF
		General idea of endocrine system;classification and characteristics of hormones ( DSE 4; Unit 1)	PPT & PDF
		Structure, hormones, function of Thyroid gland ( DSE 4;Unit 3)	PPT & PDF
		Structure, hormones, function of Adrenal gland (DSE4; Unit 3)	PPT & PDF
	Video link		
Excretion in Annelida: <a href="https://youtu.be/OLANNizkE-I?si=h8vJLqaK7Obg-Bdk">https://youtu.be/OLANNizkE-I?si=h8vJLqaK7Obg-Bdk</a>			
Human Digestive System, Topic : Digestive Enzymes: <a href="https://youtu.be/KzXC2oFE2a0?si=45hDWrQBwEu3cJfT">https://youtu.be/KzXC2oFE2a0?si=45hDWrQBwEu3cJfT</a>			
Poulomi Roy	Semester-1	Ctenophora (CC1)	PPT, PDF
		Platyhelminthes (CC1)	PPT, PDF
		Community(CC2)	PPT, PDF
		Conservation (CC2)	PPT, PDF
	Semester-2	Annelida (CC3)	PPT, PDF
		Metamerism (CC3)	PPT, PDF
		Evolution of Coelom (CC3)	PPT, PDF
		Cell Division (CC4)	PPT, PDF
		Cell Signaling (CC4)	PPT, PDF
		Sense Organs (CC1B/2B/3B)	PPT, PDF
	Semester-3	Origins of Cordata(CC5)	PPT, PDF
		Bone & Cartilage(CC6)	PPT, PDF
		Enzymes(CC7)	PPT, PDF
		Biology of Bees(SEC1)	PPT, PDF
	Semester-4	Comparative Anatomy of Respiratory Systems(CC8)	PPT, PDF
		Physiology of Respiration(CC9)	PPT, PDF

  
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Dr. Nabyendu  
Rakshit

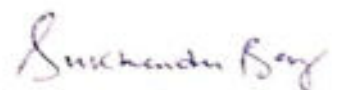
<b>Structure and function of Endoplasmic reticulum</b> <a href="https://drive.google.com/file/d/1Y5AK8kc_ePiGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link">https://drive.google.com/file/d/1Y5AK8kc_ePiGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link</a>
<b>Onion root tip and Barr body Practical</b> <a href="https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL60IZ83cSkpg/view?usp=sharing">https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL60IZ83cSkpg/view?usp=sharing</a>
<b>Overview of the process digestion in Human Body (General)</b> <a href="https://drive.google.com/file/d/1uPwU17ZAO_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing">https://drive.google.com/file/d/1uPwU17ZAO_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing</a>
<b>Absorption of Carbohydrate, Protein, Lipid (General)</b> <a href="https://drive.google.com/file/d/1Fd5ZkpGycuBDmUHIEOKJxVrVvH3XS74H/view?usp=drive_link">https://drive.google.com/file/d/1Fd5ZkpGycuBDmUHIEOKJxVrVvH3XS74H/view?usp=drive_link</a>
<b>Mendel laws of Inheritance (General)</b> <a href="https://drive.google.com/file/d/1qUxiXKR86k2ALaGjEOQBw?OIGu_5_j8/view?usp=drive_link">https://drive.google.com/file/d/1qUxiXKR86k2ALaGjEOQBw?OIGu_5_j8/view?usp=drive_link</a>
<b>Extension of Mendelian Inheritance (General)</b> <a href="https://drive.google.com/file/d/17UKv5_Dcpwob7IGkcXCPSuyTKUBcKsFt/view?usp=drive_link">https://drive.google.com/file/d/17UKv5_Dcpwob7IGkcXCPSuyTKUBcKsFt/view?usp=drive_link</a>
<b>Gene Silencing</b> <a href="https://drive.google.com/file/d/1qntJqDuZMDQBMLsedTIM6pqu05QYDIBN/view?usp=sharing">https://drive.google.com/file/d/1qntJqDuZMDQBMLsedTIM6pqu05QYDIBN/view?usp=sharing</a>
<b>Nerve impulse propagation</b> <a href="https://drive.google.com/file/d/1i5PgLA-e38Hw4GO2ym1h7YSIW5pwlp_p/view?usp=sharing">https://drive.google.com/file/d/1i5PgLA-e38Hw4GO2ym1h7YSIW5pwlp_p/view?usp=sharing</a>
<b>Plasmodium vivax</b> <a href="https://drive.google.com/file/d/1RNJIFo5CRK2I4Nlu_4xYhTLA8b9mAER3/view?usp=sharing">https://drive.google.com/file/d/1RNJIFo5CRK2I4Nlu_4xYhTLA8b9mAER3/view?usp=sharing</a>
<b>Introductory class of Ecology and Population</b> <a href="https://drive.google.com/file/d/1ACb0qEtql7rRPI-1ZIOe3ey238OI47Wq/view?usp=drive_link">https://drive.google.com/file/d/1ACb0qEtql7rRPI-1ZIOe3ey238OI47Wq/view?usp=drive_link</a>
<b>Population attributes and growth</b> <a href="https://drive.google.com/file/d/1egHxh5htefP2h9GT9PI6LJEbq0R2dhQ2/view?usp=sharing">https://drive.google.com/file/d/1egHxh5htefP2h9GT9PI6LJEbq0R2dhQ2/view?usp=sharing</a>
<b>Introduction of Evolution and Origin of Life (General)</b> <a href="https://drive.google.com/file/d/1SaSFPZrwLyhNYHMrTEw_ipYpX1oRDRmd/view?usp=drive_link">https://drive.google.com/file/d/1SaSFPZrwLyhNYHMrTEw_ipYpX1oRDRmd/view?usp=drive_link</a>
<b>Origin of life Part 2(General)</b> <a href="https://drive.google.com/file/d/1cJjYN9dBvfiCyedbEKxmN6iR9jIccxHA/view?usp=drive_link">https://drive.google.com/file/d/1cJjYN9dBvfiCyedbEKxmN6iR9jIccxHA/view?usp=drive_link</a>
<b>Biogeny or Biological Evolution</b> <a href="https://drive.google.com/file/d/11CzK9PO5-bbF_eIGuM5dHSfylyg7hC53/view?usp=drive_link">https://drive.google.com/file/d/11CzK9PO5-bbF_eIGuM5dHSfylyg7hC53/view?usp=drive_link</a>
<b>Transcription</b> <a href="https://drive.google.com/file/d/1BkLQICP7YY4QSVeh3H74kjt8Ehac5HC/view?usp=sharing">https://drive.google.com/file/d/1BkLQICP7YY4QSVeh3H74kjt8Ehac5HC/view?usp=sharing</a>
<b>Stages of Human Embryo development</b> <a href="https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive_link">https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive_link</a>
<b>Fate of Germ Layers</b> <a href="https://drive.google.com/file/d/1wB_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive_link">https://drive.google.com/file/d/1wB_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive_link</a>
<b>Extraembryonic Membranes in Birds and Mammals</b> <a href="https://drive.google.com/file/d/120gMSNAaPejYWJNrvFd7QQ2hTi0Vnf4t/view?usp=drive_link">https://drive.google.com/file/d/120gMSNAaPejYWJNrvFd7QQ2hTi0Vnf4t/view?usp=drive_link</a>
<b>Introductory class of Biochemistry: Covalent and Noncovalent Bonding</b> <a href="https://drive.google.com/file/d/19me5ASD078YBp_MyUJeXD4ANrTRQuzYf/view?usp=sharing">https://drive.google.com/file/d/19me5ASD078YBp_MyUJeXD4ANrTRQuzYf/view?usp=sharing</a>
<b>Introductory Class of Animal Behaviour</b> <a href="https://drive.google.com/file/d/1QHt8RbHICX_h6F3_0doY6mpwJHScNAw/view?usp=drive_link">https://drive.google.com/file/d/1QHt8RbHICX_h6F3_0doY6mpwJHScNAw/view?usp=drive_link</a>
<b>Actogram Construction</b> <a href="https://drive.google.com/file/d/1eOhb0u_WhaLX79_sP2py-fBtulsBYZkc/view?usp=drive_link">https://drive.google.com/file/d/1eOhb0u_WhaLX79_sP2py-fBtulsBYZkc/view?usp=drive_link</a>



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Co-ordinator  
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Kam, Purba Bardhaman



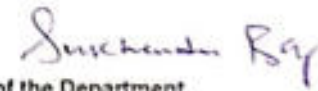
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Dr. Nabyendu Rakshit	Homeostasis (DSE-4)	PPT
	Structure and Function of Thyroid Gland (DSE-4)	PPT
	<b>Video Lecture</b>	
	<b>Own YouTube Channel link</b>	
	<b>Evolution lecture 1 (origin of life-Part 1):</b>	
	<a href="https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh">https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh</a>	
	<b>Evolution lecture 2(Origin of life- part- 2 (Biogeny)):</b>	
	<a href="https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh&amp;index=5">https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh&amp;index=5</a>	
	<b>Theories of Evolution 1</b>	
	<a href="https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh&amp;index=5">https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh411Ix9IHARfdBPWYeCE0MVymG7RMh&amp;index=5</a>	
	<b>Google meet recorded link</b>	
	<b>Taxonomic types</b>	
	<a href="https://drive.google.com/file/d/1rWjRQqH4sd6lZFo3-ihVz13ib6bBWczT/view?usp=drive_link">https://drive.google.com/file/d/1rWjRQqH4sd6lZFo3-ihVz13ib6bBWczT/view?usp=drive_link</a>	
	<b>Echolocation in Bats</b>	
	<a href="https://drive.google.com/file/d/1zZSJ8e4mxCbOqN3i7FITTImA20SuG-Pa/view?usp=sharing">https://drive.google.com/file/d/1zZSJ8e4mxCbOqN3i7FITTImA20SuG-Pa/view?usp=sharing</a>	
	<b>Introductory class of Comparative anatomy and Intogumentary System (Part-1)</b>	
	<a href="https://drive.google.com/file/d/11j3lmfNU-i3g_SYkmVpd4SDdud5Yd20/view?usp=drive_link">https://drive.google.com/file/d/11j3lmfNU-i3g_SYkmVpd4SDdud5Yd20/view?usp=drive_link</a>	
	<b>Integumentary System (Part-2)</b>	
	<a href="https://drive.google.com/file/d/1ChX9FJJmL-IF_m41-oc91_5_hSZzDyEa/view?usp=drive_link">https://drive.google.com/file/d/1ChX9FJJmL-IF_m41-oc91_5_hSZzDyEa/view?usp=drive_link</a>	
	<b>Integumentary System in mammals (Part-1)</b>	
	<a href="https://drive.google.com/file/d/17gSJxTSObG0lfer4ri3Vs0cGvlkm0OqK/view?usp=drive_link">https://drive.google.com/file/d/17gSJxTSObG0lfer4ri3Vs0cGvlkm0OqK/view?usp=drive_link</a>	
	<b>Integumentary System in mammals (Part-2)</b>	
	<a href="https://drive.google.com/file/d/1teG7H8N0zJFqtrRYX_C1rXEFBUb9pLuq/view?usp=sharing">https://drive.google.com/file/d/1teG7H8N0zJFqtrRYX_C1rXEFBUb9pLuq/view?usp=sharing</a>	
	<b>Adaptive radiation with special reference to Locomotory Appendages of Mammals</b>	
	<a href="https://drive.google.com/file/d/1xfL1ANEqzteEXBC4cKVp4ejEOBeMRmwk/view?usp=drive_link">https://drive.google.com/file/d/1xfL1ANEqzteEXBC4cKVp4ejEOBeMRmwk/view?usp=drive_link</a>	
	<b>Evolution of coelom and Metamerism (Part-1)</b>	
<a href="https://drive.google.com/file/d/1YGaCjaYYqXQUdYwFJESwQ_EKSnnmsz1h/view?usp=drive_link">https://drive.google.com/file/d/1YGaCjaYYqXQUdYwFJESwQ_EKSnnmsz1h/view?usp=drive_link</a>		
<b>Evolution of coelom and Metamerism (Part-2)</b>		
<a href="https://drive.google.com/file/d/1FGHW8JetjFIll6dujqIHPqPVYd85oiZ/view?usp=drive_link">https://drive.google.com/file/d/1FGHW8JetjFIll6dujqIHPqPVYd85oiZ/view?usp=drive_link</a>		
<b>Overview of Immune System</b>		
<a href="https://drive.google.com/file/d/1B4h1Zw6An_NMhjlufJfun6XkUalAKWfi/view?usp=drive_link">https://drive.google.com/file/d/1B4h1Zw6An_NMhjlufJfun6XkUalAKWfi/view?usp=drive_link</a>		
<b>History of Immunology</b>		
<a href="https://drive.google.com/file/d/1z_Lf_df-hkOsxNcbG21RwlxzKrGZbJds/view?usp=drive_link">https://drive.google.com/file/d/1z_Lf_df-hkOsxNcbG21RwlxzKrGZbJds/view?usp=drive_link</a>		
<b>Cells of Immune System</b>		
<a href="https://drive.google.com/file/d/174IAib-S1WFS143nQrBoOqqGI2o8ipeM/view?usp=drive_link">https://drive.google.com/file/d/174IAib-S1WFS143nQrBoOqqGI2o8ipeM/view?usp=drive_link</a>		
<b>Primary and Secondary Lymphoid organs</b>		
<a href="https://drive.google.com/file/d/1bi3WU5N5azAZbRcngDg4V6esV2ANBm/view?usp=sharing">https://drive.google.com/file/d/1bi3WU5N5azAZbRcngDg4V6esV2ANBm/view?usp=sharing</a>		
<b>Overview of Cell</b>		
<a href="https://drive.google.com/file/d/1dzQxv-bkQTN-u1rL-Pbn_trjEqWI3-7/view?usp=drive_link">https://drive.google.com/file/d/1dzQxv-bkQTN-u1rL-Pbn_trjEqWI3-7/view?usp=drive_link</a>		
<b>Virus, Viroid, Prion &amp; Mycoplasma</b>		
<a href="https://drive.google.com/file/d/1LwJsi3AWICFFONehEkVINJnrc2gPGTx/view?usp=drive_link">https://drive.google.com/file/d/1LwJsi3AWICFFONehEkVINJnrc2gPGTx/view?usp=drive_link</a>		

  
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Dr. Nabyendu Rakshit		Cells involved in Immunity (CC-10)	PPT	
		Primary and Secondary Lymphoid Organs (CC-10)	PPT	
		Organization of Major Histocompatibility Complex (CC-10)	PPT	
		Antigen Processing and Presentation (CC-10)	PPT	
		CYTOKINES: Immune Communicator (CC-10)	PPT	
	Semester-5		DNA Replication in Prokaryotes (CC-11)	PPT
			Telomere DNA Replication (CC-11)	PPT
			Transcription in Prokaryotes (CC-11)	PPT
			Gene Regulation in Prokaryotes ;Operon Concept (CC-11)	PPT
			Gene Regulation in Eukaryotes; Enhancer, Silencer, Activator, Repressor (CC-11)	PPT
			Gene Silencing (CC-11)	PPT
			Causes of DNA damage and DNA Repair System (CC-11)	PPT
			Transposons (CC-12)	PPT
			Complementation test in Bacteriophage (CC-12)	PPT
			Restriction enzymes (DSE-1)	PPT
			Vectors used in r-DNA technology (DSE-1)	PPT
		Semester-6		Principles of Development (CC-13)
			Extra-embryonic Membranes in Birds (CC-13)	PPT
			Fate of the Different Germ Layers (CC-13)	PPT
			Types and Function of Placenta (CC-13)	PPT
			Origin of Life: Chemogeny (CC-14)	PPT
			Origin of Life: Biogeny (CC-14)	PPT
			Theories Of Evolution with special emphasis on Darwinism (CC-14)	PPT
			Mass Extinction: Reshaping the World Biodiversity (CC-14)	PPT
			Historical Review of Ethology (DSE-3)	PPT



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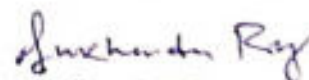
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Gushkara, Purba Bardhaman



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Dr. Nabyendu Rakshit		Ecological Succession (CC-2)	PPT	
		Concept of Wild life Management and Actions (CC-2)	PPT	
	Semester-2	Social Organization in Insects (CC-3)	PPT	
		Larval Forms of Echinodermata and their Evolutionary Significance (CC-3)	PPT	
		Overview of Virus, Viroid, Prion(CC-4)	PPT	
		Structure and function of Endoplasmic reticulum(CC-4)	PPT	
		Protein sorting and targeting(CC-4)	PPT	
		Structure and function of Golgi body (CC-4)	PPT	
		Structure and function of Lysosome (CC-4)	PPT	
		Respiratory Chain and Oxidative Phosphorylation (CC-4)	PPT	
		Nuclear transport through NPC (CC-4)	PPT	
		Overview of Cell Signaling (CC-4)	PPT	
		Semester-3	Poison gland and biting mechanism in poisonous snakes (CC-5)	PPT
			Integumentary system in Human (Skin, Cutaneous glands, Hair, Nail) (CC-5)	PPT
	Echolocation in Bats (CC-5)		PPT	
	Skeletal muscle structure & its contraction mechanism (CC-6)		PPT	
	Nerve Cells and Nerve Impulses (CC-6)		PPT	
	Structure and function of Amino Acids (CC-7)		PPT	
	Levels of Protein Structure (CC-7)		PPT	
	Overview of Amino Acid Metabolism including Urea cycle (CC-7)		PPT	
	Semester-4	Comparative account of Vertebrate Brain and Cranial nerves in Mammals (CC-8)	PPT	
		Integumentary System in Amphibians, Birds and Mammals (CC-8)	PPT	
		ABO Blood Group System (CC-9)	PPT	
		Osmoregulation in Aquatic Vertebrates (CC-9)	PPT	
		Thermoregulation in Endotherms (CC-9)	PPT	

  
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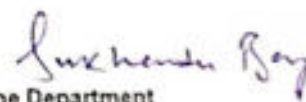
  
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Poulomi Roy		Immunology of Diseases & Vaccines(CC10)	PPT, PDF
		Extinctions(CC1D/2D/3D)	PPT, PDF
	Semester-5	DNA Replication(CC11)	PPT, PDF
		Mutations(CC12)	PPT, PDF
		G.M.O. (DSE1)	PPT, PDF
		Host-Parasite Interaction(DSE2)	PPT, PDF
	Semester-6	Gametogenesis & (CC13)	PPT, PDF
		Fertilization (CC13)	PPT, PDF
		Population Genetics (CC14)	PPT, PDF
		Biological Rhythm (DSE3)	PPT, PDF
Epiphysis, Hypothalamo-Hypophysial Axis (DSE4)		PPT, PDF	
Dr. Nabyendu Rakshit	Semester-1	Classification & Systematics (CC-1)	PPT
		Taxonomic types (CC-1)	PPT
		History of Biological Classification (CC-1)	PPT
		Outline Classification and Evolutionary Origin of Subkingdom Protozoa (CC-1)	PPT
		Locomotory Organelles in Protozoa (CC-1)	PPT
		Life cycle and Pathogenicity of <i>Plasmodium vivax</i> (CC-1)	PPT
		Multicellular origin: benefit vs. risk(CC-1)	PPT
		Polymorphism in Coelenterata(CC-1)	PPT
		Metagenesis in <i>Obelia</i> sp.(CC-1)	PPT
		Population Ecology (CC-2)	PPT
		Exponential and logistic Population growth (CC-2)	PPT
		Interspecific Competition: Definition of a niche (CC-2)	PPT
		Population Regulation including Extinction and Risk Analysis(CC-2)	PPT
		Community Interactions and Diversity Index (CC-2)	PPT
Structure and Composition of Community (CC-2)	PPT		

  
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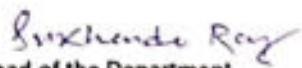
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Year-2021-2022

Summary sheet of ICT mode of Learning of Department of Zoology

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho(PPT, PDF, Video Lecture etc.)
Dr. Sukhendu Roy	Semester-1	Discuss Population Interactions & different types of population interaction like Neutralism, Amensalism, Commensalism etc. & their effect on diff population, result of interaction & example. (CC2; Unit-2)	PPT & PDF
		Discuss overview & mathematical derivation & significance of Lotka-Volterra equation for competition. (CC2; Unit-2)	PPT & PDF
		Linear and Y-shaped food chains (CC2; Unit-4)	PPT & PDF
		Nutrient and biogeochemical cycle with an example of Nitrogen cycle (CC2; Unit-4)	PPT & PDF
		Lifecycle of <i>Fasciola hepatica</i> (CC1; Unit-6)	PPT & PDF
		Lifecycle of <i>Taenia solium</i> (CC1; Unit-6)	PPT & PDF
		Life cycle and pathogenicity of <i>Plasmodium vivax</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Entamoeba histolytica</i> . (CC1; Unit-2)	PPT & PDF
		Locomotory organs and their special features in Protozoa (CC1; Unit-2)	PPT & PDF
		Process of Conjugation in <i>Paramecium</i> . (CC1; Unit-2)	PPT & PDF
	Semester-2	Transport across membrane through Active transport & Passive transport. (CC4; Unit-2)	PPT & video lecture
		Cell cycle and its regulation (Cyclin-CDK regulation) (CC4; Unit-7)	PPT
		Cancer & its properties; Concept of oncogenes; tumor suppressor genes with special reference to p53, Retinoblastoma and Ras and APC. (CC4; Unit-7)	PPT
		Mechanism of insect vision. (CC3; Unit-3)	PPT
Hormonal regulation in Complete metamorphosis in Lepidopteran Insects		PPT	

  
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Dr. Sukhendu Roy		(CC3; Unit-3)	
		Detailed discussion on GPCR & second messenger (cAMP). (CC4; Unit-8)	PPT
		Mechanism of Apoptosis pathway and role of Caspases (CC4; Unit-8)	PPT
		Cell signalling transduction pathways; Types of signalling molecules. (CC4; Unit-8)	PPT
	Semester-3	Retrogressive metamorphosis in Ascidia. (CC5; Unit-2)	PPT
		Metamorphosis in Amphibia. (CC5; Unit-6)	PPT
		Parental care in Amphibia. (CC5; Unit-6)	PPT
		Exoskeleton and migration in Birds. (CC5; Unit-8)	PPT
		Exoskeleton derivatives of mammals. (CC5; Unit-9)	PPT
		Origin of action potential and its propagation across the myelinated and unmyelinated nerve fibers. (CC6; Unit-3)	PPT
		Synaptic transmission. (CC6; Unit-3)	PPT
		Mechanism of Hormone action: Signal transduction pathways for Steroidal & Nonsteroidal hormones. (CC6; Unit-6)	PPT
		Hormonal regulation of ovarian cycle. (CC6; Unit-5)	PPT
		Mechanism of Glycolysis; with structural modification (CC7; Unit-1)	PPT
		Mechanism of Citric acid cycle with structural modification (CC7; Unit-1)	PPT
		Mechanism of Pentose phosphate pathway, with structural modification (CC7; Unit-1)	PPT
	Semester-4	Enzyme kinetics (CC7; Unit-5)	PPT
		Axial skeleton & appendicular skeleton. (CC8; Unit-2)	PPT
		Comparative account of heart in different vertebrates. (CC8; Unit-5)	PPT
		Comparative account of aortic arches in different vertebrates. (CC8; Unit-5)	PPT
Blood clotting system & mechanism of blood clotting-Extrinsic pathway & Intrinsic pathway (CC9; Unit-3)		PPT	
Mechanical and chemical digestion of food. (CC9; Unit-9)		PPT	

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Sukhendu Roy

Head of the Department

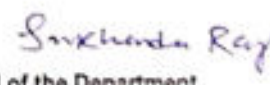
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Dr. Sukhendu Roy		Absorption of Carbohydrates, Lipids, Proteins and Nucleic Acids. (CC9; Unit-9)	PPT
		Mechanism of urine formation. (CC9; Unit-6)	PPT
		Regulation of acidbase balance. (CC9; Unit-6)	PPT
		Structure and functions of MHC-1 molecules & MHC-II & supporting molecules. (CC10; Unit-6)	PPT
		Pathways of complement activation. (CC10; Unit-7)	PPT
		Hypersensitive reaction. (CC10; Unit-8)	PPT
	Semester-5	Proteins synthesis mechanism (CC11; Unit-4)	PPT
		Genetic code, Degeneracy of the genetic code and Wobble Hypothesis. (CC11; Unit-4)	PPT
		Inhibitors of protein synthesis (CC11; Unit-4)	PPT
		Western blot (CC11; Unit-8)	PPT
		PCR (CC11; Unit-8)	PPT
		Sanger DNA sequencing(CC11; Unit-8)	PPT
		Southern blot & Northern Blot (CC11; Unit-8)	PPT
		Morgan concept about linkage & derivation of Linkage with Drosophila fly (CC12; Unit-2)	PPT
		Measuring Recombination frequency and linkage intensity using three factor crosses, Interference and coincidence. (CC12; Unit-2)	PPT
		Mechanism of Sex determination of Drosophila and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Mechanism of Sex determination of Human and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Molecular basis of crossing over (CC12; Unit-2)	PPT
		Cloning vectors: Plasmids, Cosmids, Phagemids, Lambda Bacteriophage, M13, BAC, YAC, MAC (DSE1; Unit-2)	PPT
		Construction of genomic and cDNA libraries (DSE1; Unit-2)	PPT
DNA Fingerprinting (DSE1; Unit-2)	PPT		

  
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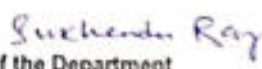
  
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Dr. Sukhendu Roy		Life Cycle of <i>Schistosoma haematobium</i> (DSE2; Unit-3)	PPT	
		Life Cycle of <i>Taenia saginata</i> (DSE2; Unit-3)	PPT	
	Semester-6		Development of brain in Vertebrate. (CC13; Unit-4)	PPT
			Development of Eye in Vertebrate. (CC13; Unit-4)	PPT
			Detail study of modes of regeneration- epimorphosis. (CC13; Unit-4)	PPT
			Detail study of modes of regeneration- morphallaxis & Compensatory regeneration. (CC13; Unit-4)	PPT
			Teratogenic agents and their effects on embryonic development. (CC13; Unit-5)	PPT
			In vitro fertilization. (CC13; Unit-5)	PPT
			Amniocentesis. (CC13; Unit-5)	PPT
			Evolutionary forces upsetting H-W equilibrium. (CC14; Unit-5)	PPT
			Genetic Drift mechanism. (CC14; Unit-5)	PPT
			Role of Migration and Mutation in changing allele frequencies. (CC14; Unit-5)	PPT
			Evolution of Man. (CC14; Unit-8)	PPT
			Evolution of horse. (CC14; Unit-3)	PPT
			Stereotyped behaviour & Learning Behaviour (DSE3; Unit-2)	PPT
			Habituation, Imprinting with supporting example. (DSE3; Unit-2)	PPT
			Social Behaviour: Concept of Society. (DSE3; Unit-3)	PPT
			Foraging in honeybee. (DSE3; Unit-3)	PPT
			Sexual Behaviour. (DSE3; Unit-3)	PPT
			Mechanism of action of steroidal with receptors & non-steroidal hormones with receptors. (DSE4; Unit-4)	PPT
			Menstrual cycle in human. (DSE4; Unit-4)	PPT
		Multifaceted role of Vasopressin & Oxytocin. (DSE4; Unit-4)	PPT	
	Video Lecture			
	Own YouTube Channel link			
	Development of Eye: <a href="https://www.youtube.com/watch?v=8g_coeDdCj4">https://www.youtube.com/watch?v=8g_coeDdCj4</a>			

  
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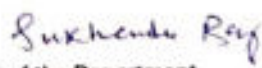
  
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Genetic drift: <a href="https://www.youtube.com/watch?v=noBrueajCGo">https://www.youtube.com/watch?v=noBrueajCGo</a>
Natural selection: <a href="https://www.youtube.com/watch?v=fO3GWSs5vH0">https://www.youtube.com/watch?v=fO3GWSs5vH0</a>
Evolution of horse: <a href="https://www.youtube.com/watch?v=hkB4Pjtqx-U">https://www.youtube.com/watch?v=hkB4Pjtqx-U</a>
Development of Brain: <a href="https://www.youtube.com/watch?v=u37P7oFrKvk">https://www.youtube.com/watch?v=u37P7oFrKvk</a>
Hardy Weinberg law: <a href="https://www.youtube.com/watch?v=Lor8WKTJY3s">https://www.youtube.com/watch?v=Lor8WKTJY3s</a>
Glycolysis: <a href="https://www.youtube.com/watch?v=xPMGbUCZack">https://www.youtube.com/watch?v=xPMGbUCZack</a>
Migration alters allele frequency: <a href="https://www.youtube.com/watch?v=0nY_TaqVA4A">https://www.youtube.com/watch?v=0nY_TaqVA4A</a>
<b>Google meet recorded link</b>
Nucleus: <a href="https://drive.google.com/file/d/1UJQIOKNoTLQdl0AcB4eY5KgXzJL4Gemml/view?usp=sharing">https://drive.google.com/file/d/1UJQIOKNoTLQdl0AcB4eY5KgXzJL4Gemml/view?usp=sharing</a>
Translation: <a href="https://drive.google.com/file/d/1z6-BXwNEq1VjOp46a7dbBlxYVeiwXY/view?usp=sharing">https://drive.google.com/file/d/1z6-BXwNEq1VjOp46a7dbBlxYVeiwXY/view?usp=sharing</a>
Inhibition of Translation: <a href="https://drive.google.com/file/d/1ZIRtbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing">https://drive.google.com/file/d/1ZIRtbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing</a>
Blood Pressure: <a href="https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing">https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing</a>
Urine formation: <a href="https://drive.google.com/file/d/1rTUMMBcQW_aIWVXnTpQX7bpa24BDQ8ML/view?usp=sharing">https://drive.google.com/file/d/1rTUMMBcQW_aIWVXnTpQX7bpa24BDQ8ML/view?usp=sharing</a>
Respiratory System: <a href="https://drive.google.com/file/d/1qvlZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing">https://drive.google.com/file/d/1qvlZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing</a>
Hypersensitivity: <a href="https://drive.google.com/file/d/1EtbohIFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing">https://drive.google.com/file/d/1EtbohIFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing</a>
Hypersensitivity Part-II: <a href="https://drive.google.com/file/d/1eFGpEOlewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing">https://drive.google.com/file/d/1eFGpEOlewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing</a>
Circulatory System: <a href="https://drive.google.com/file/d/1fKYK1lcajz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing">https://drive.google.com/file/d/1fKYK1lcajz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing</a>
Skeletal System: <a href="https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYqlbaJI9MBXUmUL/view?usp=sharing">https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYqlbaJI9MBXUmUL/view?usp=sharing</a>
Skeletal System Part-II <a href="https://drive.google.com/file/d/1TavlgmHqIcBdq4nZLFuP2xbZ4vs5SYh/view?usp=sharing">https://drive.google.com/file/d/1TavlgmHqIcBdq4nZLFuP2xbZ4vs5SYh/view?usp=sharing</a>

  
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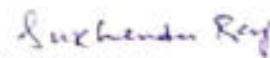
  
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	Jaw Suspension:	<a href="https://drive.google.com/file/d/16QG90T_LPYPPxO1oFo5MFy859v8MUmy/view?usp=sharing">https://drive.google.com/file/d/16QG90T_LPYPPxO1oFo5MFy859v8MUmy/view?usp=sharing</a>	
	Blood:	<a href="https://drive.google.com/file/d/1glm5GxBkAgvov8aaWG7v6k4HHjwev3rH/view?usp=sharing">https://drive.google.com/file/d/1glm5GxBkAgvov8aaWG7v6k4HHjwev3rH/view?usp=sharing</a>	
	Aortic arch	<a href="https://drive.google.com/file/d/1a2jT7MRNqR0lmgmQNeUvYyKq6aYn2pAV/view?usp=sharing">https://drive.google.com/file/d/1a2jT7MRNqR0lmgmQNeUvYyKq6aYn2pAV/view?usp=sharing</a>	
	ABO blood group:	<a href="https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing">https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing</a>	
	Cardiac cycle:	<a href="https://drive.google.com/file/d/1zCp3Qj-TkJrk_IACL_kLVu3he0dPAmoG/view?usp=sharing">https://drive.google.com/file/d/1zCp3Qj-TkJrk_IACL_kLVu3he0dPAmoG/view?usp=sharing</a>	
	Digestive System:	<a href="https://drive.google.com/file/d/18YLzXRyWk_CIG4PO_UR91KE1ZK12kZxu/view?usp=sharing">https://drive.google.com/file/d/18YLzXRyWk_CIG4PO_UR91KE1ZK12kZxu/view?usp=sharing</a>	
	Digestion of Protein & lipid:	<a href="https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-pIRoMyFLVZ4/view?usp=sharing">https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-pIRoMyFLVZ4/view?usp=sharing</a>	
	Complement System:	<a href="https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing">https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing</a>	
	Blood Pressure:	<a href="https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIv03s6q3/view?usp=sharing">https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIv03s6q3/view?usp=sharing</a>	
	Cytoskeleton:	<a href="https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSqTk4kweG1M21M/view?usp=sharing">https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSqTk4kweG1M21M/view?usp=sharing</a>	
	Cell Signaling:	<a href="https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing">https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing</a>	
	Cell Cycle:	<a href="https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CgEfsb1AC0/view?usp=sharing">https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CgEfsb1AC0/view?usp=sharing</a>	
	Semester-1	Metagenesis in <i>Obelia</i>	PPT, PDF
		Ecosystem	PPT, PDF
	Semester-2	Larval forms in Echinodermata	PPT, PDF, YouTube
		Affinities with Chordates	PPT, PDF, YouTube
	Semester-3	Retrogressive metamorphosis in <i>Acidia</i>	PPT, PDF
		Swim Bladder in Fishes	PPT, PDF
		Terpenoids	PDF, YouTube
		Apiculture	PPT, PDF
	Semester-4	Renal Physiology	PPT, PDF,

  
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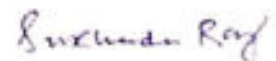
Dr. Saurabh Sarkar	Semester-5	Heart	YouTube
		Human Karyotype	PPT, PDF
		Polygenic inheritance	PPT, PDF
	Semester-6	Genome	PPT, PDF
		Regulation of Eukaryotic transcription and gene silencing	PPT, PDF
		Development Biology Introduction	PPT, PDF, YouTube
		Gametogenesis: Spermatogenesis, Oogenesis	PPT, PDF, YouTube
		Types of eggs, Egg membranes	PPT, PDF, YouTube
		Fertilization (External and Internal): Changes in gametes, Blocks to polyspermy	PPT, PDF, YouTube
		Planes and patterns of cleavage	PPT, PDF, YouTube
		Types of Blastula	PPT, PDF, YouTube
		Fate maps (including Techniques)	PPT, PDF, YouTube
		Early development of frog up to gastrulation	PPT, PDF, YouTube
		Early development of chick up to gastrulation	PPT, PDF, YouTube
	Embryonic induction and organizers	PPT, PDF, YouTube	
	Hormonal Regulation of Parturition	PPT, PDF, YouTube	
	Oxytocin and Vesopressin		
Extinction	PPT, PDF, YouTube		
Own YouTube Channel Link: <a href="https://www.youtube.com/@drosophila5012/videos">https://www.youtube.com/@drosophila5012/videos</a>			
Departmental YouTube Channel: <a href="https://www.youtube.com/@departmentofzoologygushkar2040/videos">https://www.youtube.com/@departmentofzoologygushkar2040/videos</a>			
Rubinur Khatun	Semester-1	Life cycle of <i>Ascaris lumbricoides</i> (cc1:unit-7)	PPT
	Semester-2	General characteristics and evolutionary significance of phylum Onychophora (cc3:unit-4)	PPT
	Semester-3	Microtubule Associated Proteins (cc4:unit-5)	PPT and PDF
		Parental care in Amphibia (cc5:unit-6)	
Semester-4	Placental Hormones(cc6:unit-6)	PPT	
		Structure and function of digestive system (cc-8:unit-3)	PPT



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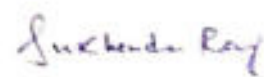
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		Mechanism of urine formation (cc-9;unit-5)	
	Semester-5	ELISA (cc-9;unit-4) Lac operon (cc-11;unit-6) Kappa Particle in <i>Paramecium</i> (cc-12;unit-5)	PPT
	Semester-6	Planes of cleavage (cc-13;unit-2) Sources of variations (cc-14;unit-4) Hypothalamic regulation of neuroendocrine glands (DSE-4;unit-2)	PPT
Aparnita Nandi Roy	Semester-1	General characteristics and Classification of Cnidaria upto order(CC1;unit4)	PPT & PDF
		Metagenesis in <i>Obelia</i> sp. (CC1;Unit4)	PPT & PDF
		Coral and coral reefs diversity , function and conservation (CC1;Unit4)	PPT & PDF
		Applied Ecology: conservation of Biodiversity: in situ & ex situ(CC2; Unit5))	PPT & PDF
		Management strategies of tiger conservation (CC2: Unit 5)	PPT & PDF
	Semester-2	1) General characteristics and classification of phylum Annelida upto order(CC3;Unit2)	PPT & PDF
		Excretion od Annelida through nephridia (CC3;Unit 2)	PPT & PDF
		Water vascular system in Asteroidea(CC3;Unit6)	PPT & PDF
		Basic structure of prokaryotic and Eukaryotic cells(CC4;Unit1)	PPT & PDF
		Structure of virus, virions, prions and mycoplasma (CC4; Unit1)	PPT & PDF
	Semester-3	Accessory respiratory organs of fishes (CC5;Unit5)	PPT & PDF
		Migration and parental care of fishes (CC5;Unit5)	PPT & PDF
		Swim bladder in fishes (CC5; Unit 5)	PPT & PDF
		Structure,location, function and classification of epithelial tissue (CC6; Unit 1)	PPT & PDF
		Structure,location,function and classification of connective tissue (CC6;Unit1)	PPT & PDF

  
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Aparnita Nandi Roy		Structure, location, function and classification of muscular tissue (CC6; Unit1)	PPT & PDF
		Structure, location, function and classification of nerve tissue (CC6; Unit1)	PPT & PDF
		Histology and function of Pituitary gland (CC6; Unit6)	PPT & PDF
		Histology and function of Thyroid gland (CC6; unit6)	PPT & PDF
		Histology and function of Adrenal gland (CC6; unit6)	PPT & PDF
		Histology and function of Pancreas (CC6; Unit 6)	PPT & PDF
		Lipid metabolism beta oxidation of Fatty acids (CC7; Unit2)	PPT & PDF
	Semester-4	Skeletal system: Jaw suspension in vertebrates (CC8; Unit2)	PPT & PDF
		Comparative anatomy of stomach (CC8; Unit3)	PPT & PDF
		Dentition in mammals (CC8; Unit 3)	PPT & PDF
		Structural organisation and function of gastrointestinal tract and associated glands. (CC9; Unit1)	PPT & PDF
		Digestive enzymes (CC9; Unit 1)	PPT & PDF
		Physiological classification based on Thermal Biology (CC9; Unit 5)	PPT & PDF
		Osmoregulation in aquatic vertebrates (CC9; Unit 5)	PPT & PDF
		B cell and T cell epitopes (CC10; Unit 3)	PPT & PDF
	Semester-5	Types, properties and function of Cytokines (CC10; Unit6)	PPT & PDF
		1) Structure of Watson Crick's model of DNA (CC11; Unit1)	PPT & PDF
		Polygenic inheritance (CC12; Unit 1)	PPT & PDF
		Study of morphology, life cycle, prevalence, epidemiology, pathogenicity diagnosis, prophylaxis, treatment of <i>Giardia intestinalis</i> . (DSE2; Unit 2)	PPT & PDF
		Study of morphology, life cycle, prevalence, epidemiology, pathogenicity diagnosis, prophylaxis, treatment of <i>Trypanosoma gambiense</i> . (DSE 2; Unit 2)	PPT & PDF
		Study of morphology, life cycle, prevalence, epidemiology, pathogenicity, diagnosis, prophylaxis, treatment of <i>Leishmania donovani</i> . DSE2; Unit 2)	PPT & PDF
		Embryonic induction and organizers (CC13; Unit 2)	PPT & PDF
		Structure, types and function of placenta (CC13; Unit 3)	PPT & PDF



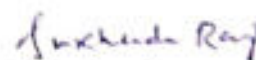
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Aparnita Nandi Roy	Semester-6	Historical review of evolutionary concepts: Darwinism and Neodarwinism CC14; Unit 2)	PPT & PDF
		Role of melatonin (DSE 3;Unit5)	PPT & PDF
		General idea of endocrine system:classification and characteristics of hormones ( DSE 4; Unit 1)	PPT & PDF
		Structure, hormones, function of Thyroid gland ( DSE 4;Unit 3)	PPT & PDF
		Structure, hormones, function of Adrenal gland (DSE4, Unit 3)	PPT & PDF
	<b>Video link</b>		
Excretion in Annelida: <a href="https://youtu.be/OLANNizkE-17s1-h8vJL0nK7Obo-Bck">https://youtu.be/OLANNizkE-17s1-h8vJL0nK7Obo-Bck</a>			
Human Digestive System, Topic : Digestive Enzymes: <a href="https://youtu.be/KzXC2oFE2a0?si=45h0WtQBwEu3oIT">https://youtu.be/KzXC2oFE2a0?si=45h0WtQBwEu3oIT</a>			
Poulomi Roy	Semester-1	Ctenophora (CC1)	PPT, PDF
		Platyhelminthes (CC1)	PPT, PDF
		Community(CC2)	PPT, PDF
		Conservation (CC2)	PPT, PDF
	Semester-2	Annelida (CC3)	PPT, PDF
		Metamerism (CC3)	PPT, PDF
		Evolution of Coelom (CC3)	PPT, PDF
		Cell Division (CC4)	PPT, PDF
		Cell Signaling (CC4)	PPT, PDF
		Sense Organs (CC1B/2B/3B)	PPT, PDF
Semester-3	Origins of Cordata(CC5)	PPT, PDF	
	Bone & Cartilage(CC6)	PPT, PDF	
	Enzymes(CC7)	PPT, PDF	
	Biology of Bees(SEC1)	PPT, PDF	
Semester-4	Comparative Anatomy of Respiratory Systems(CC8)	PPT, PDF	
	Physiology of Respiration(CC9)	PPT, PDF	
	Immunology of Diseases& Vaccines(CC10)	PPT, PDF	
	Extinctions(CC1D/2D/3D)	PPT, PDF	
Semester-5	DNA Replication(CC11)	PPT, PDF	



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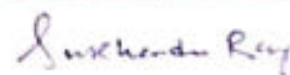
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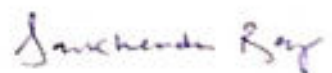
		Mutations(CC12)	PPT, PDF
		G.M.O. (DSE1)	PPT, PDF
		Host-Parasite Interaction(DSE2)	PPT, PDF
	Semester-6	Gametogenesis & (CC13)	PPT, PDF
		Fertilization (CC13)	PPT, PDF
		Population Genetics (CC14)	PPT, PDF
		Biological Rhythm (DSE3)	PPT, PDF
		Epiphysis, Hypothalamo-Hypophysial Axis (DSE4)	PPT, PDF
Dr. Nabyendu Rakshit	Semester-1	Classification & Systematics (CC-1)	PPT
		Taxonomic types (CC-1)	PPT
		History of Biological Classification (CC-1)	PPT
		Outline Classification and Evolutionary Origin of Subkingdom Protozoa (CC-1)	PPT
		Locomotory Organelles in Protozoa (CC-1)	PPT
		Life cycle and Pathogenicity of <i>Plasmodium vivax</i> (CC-1)	PPT
		Multicellular origin: benefit vs. risk(CC-1)	PPT
		Polymorphism in Coelenterata(CC-1)	PPT
		Metagenesis in <i>Obelia</i> sp.(CC-1)	PPT
		Population Ecology (CC-2)	PPT
		Exponential and logistic Population growth (CC-2)	PPT
		Interspecific Competition: Definition of a niche (CC-2)	PPT
		Population Regulation including Extinction and Risk Analysis(CC-2)	PPT
		Community Interactions and Diversity Index (CC-2)	PPT
		Structure and Composition of Community (CC-2)	PPT
		Ecological Succession (CC-2)	PPT
		Concept of Wild life Management and Actions (CC-2)	PPT
	Semester-2	Social Organization in insects (CC-3)	PPT



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Dr. Nabyendu Rakshit		Larval Forms of Echinodermata and their Evolutionary Significance (CC-3)	PPT
		Overview of Virus, Viroid, Prion(CC-4)	PPT
		Structure and function of Endoplasmic reticulum(CC-4)	PPT
		Protein sorting and targeting(CC-4)	PPT
		Structure and function of Golgi body (CC-4)	PPT
		Structure and function of Lysosome (CC-4)	PPT
		Respiratory Chain and Oxidative Phosphorylation (CC-4)	PPT
		Nuclear transport through NPC (CC-4)	PPT
		Overview of Cell Signaling (CC-4)	PPT
	<b>Semester-3</b>	Poison gland and biting mechanism in poisonous snakes (CC-5)	PPT
		Integumentary system in Human (Skin, Cutaneous glands, Hair, Nail) (CC-5)	PPT
		Echolocation in Bats (CC-5)	PPT
		Skeletal muscle structure & its contraction mechanism (CC-6)	PPT
		Nerve Cells and Nerve Impulses (CC-6)	PPT
		Structure and function of Amino Acids (CC-7)	PPT
		Levels of Protein Structure (CC-7)	PPT
		Overview of Amino Acid Metabolism including Urea cycle (CC-7)	PPT
	<b>Semester-4</b>	Comparative account of Vertebrate Brain and Cranial nerves in Mammals (CC-8)	PPT
		Integumentary System in Amphibians, Birds and Mammals (CC-8)	PPT
		ABO Blood Group System (CC-9)	PPT
		Osmoregulation in Aquatic Vertebrates (CC-9)	PPT
		Thermoregulation in Endotherms (CC-9)	PPT
		Cells involved in Immunity (CC-10)	PPT
		Primary and Secondary Lymphoid Organs (CC-10)	PPT
		Organization of Major Histocompatibility Complex (CC-10)	PPT



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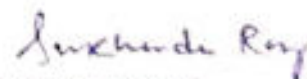
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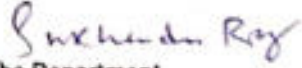
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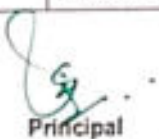
Dr. Nabyendu Rakshit		Antigen Processing and Presentation (CC-10)	PPT	
		CYTOKINES: Immune Communicator (CC-10)	PPT	
	Semester-5		DNA Replication in Prokaryotes (CC-11)	PPT
			Telomere DNA Replication (CC-11)	PPT
			Transcription in Prokaryotes (CC-11)	PPT
			Gene Regulation in Prokaryotes ;Operon Concept (CC-11)	PPT
			Gene Regulation in Eukaryotes; Enhancer, Silencer, Activator, Repressor (CC-11)	PPT
			Gene Silencing (CC-11)	PPT
			Causes of DNA damage and DNA Repair System (CC-11)	PPT
			Transposons (CC-12)	PPT
			Complementation test in Bacteriophage (CC-12)	PPT
			Restriction enzymes (DSE-1)	PPT
			Vectors used in r-DNA technology (DSE-1)	PPT
	Semester-6		Principles of Development (CC-13)	PPT
			Extra-embryonic Membranes in Birds (CC-13)	PPT
			Fate of the Different Germ Layers (CC-13)	PPT
			Types and Function of Placenta (CC-13)	PPT
			Origin of Life: Chemogeny (CC-14)	PPT
			Origin of Life: Biogeny (CC-14)	PPT
			Theories Of Evolution with special emphasis on Darwinism (CC-14)	PPT
			Mass Extinction: Reshaping the World Biodiversity (CC-14)	PPT
			Historical Review of Ethology (DSE-3)	PPT
			Homeostasis (DSE-4)	PPT
		Structure and Function of Thyroid Gland (DSE-4)	PPT	
<b>Video Lecture</b>				

  
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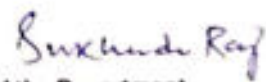
<b>Dr. Nabyendu Rakshit</b>	<b>Own YouTube Channel link</b>
	<b>Evolution lecture 1 (origin of life-Part 1):</b> <a href="https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh">https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh</a>
	<b>Evolution lecture 2(Origin of life- part- 2 (Biogeny)):</b> <a href="https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh&amp;index=5">https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh&amp;index=5</a>
	<b>Theories of Evolution 1</b> <a href="https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh&amp;index=5">https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh411lx9IHARfdBPWYeCE0MVymG7RMh&amp;index=5</a>
	<b>Google meet recorded link</b>
	<b>Taxonomic types</b> <a href="https://drive.google.com/file/d/1rWjRQqH4sd6lZFe3-HvZ13ib6bBWczT/view?usp=drive_link">https://drive.google.com/file/d/1rWjRQqH4sd6lZFe3-HvZ13ib6bBWczT/view?usp=drive_link</a>
	<b>Echolocation in Bats</b> <a href="https://drive.google.com/file/d/1zZSJ8e4mxCbOqN3i7FITImA20SuG-Pa/view?usp=sharing">https://drive.google.com/file/d/1zZSJ8e4mxCbOqN3i7FITImA20SuG-Pa/view?usp=sharing</a>
	<b>Introductory class of Comparative anatomy and integumentary System (Part-1)</b> <a href="https://drive.google.com/file/d/11j3lrmfNU-l3q_SYkmVpd4SDdud5Yd20/view?usp=drive_link">https://drive.google.com/file/d/11j3lrmfNU-l3q_SYkmVpd4SDdud5Yd20/view?usp=drive_link</a>
	<b>Integumentary System (Part-2)</b> <a href="https://drive.google.com/file/d/1ChX9FJJmL-lF_m41-oc91_5_hSZzDyEa/view?usp=drive_link">https://drive.google.com/file/d/1ChX9FJJmL-lF_m41-oc91_5_hSZzDyEa/view?usp=drive_link</a>
	<b>Integumentary System in mammals (Part-1)</b> <a href="https://drive.google.com/file/d/17qSjxTSQbG0lfer4n3Vs0cGvkm0OqK/view?usp=drive_link">https://drive.google.com/file/d/17qSjxTSQbG0lfer4n3Vs0cGvkm0OqK/view?usp=drive_link</a>
	<b>Integumentary System in mammals (Part-2)</b> <a href="https://drive.google.com/file/d/1eG7H8N0zJFctrRYX_C1rXEFBUb9pLuq/view?usp=sharing">https://drive.google.com/file/d/1eG7H8N0zJFctrRYX_C1rXEFBUb9pLuq/view?usp=sharing</a>
	<b>Adaptive radiation with special reference to Locomotory Appendages of Mammals</b> <a href="https://drive.google.com/file/d/1xL1ANEgzteEXBC4cKvP4ejEOBeMRmww/view?usp=drive_link">https://drive.google.com/file/d/1xL1ANEgzteEXBC4cKvP4ejEOBeMRmww/view?usp=drive_link</a>
	<b>Evolution of coelom and Metamerism (Part-1)</b> <a href="https://drive.google.com/file/d/1YGaCjaYYcXQUdYwFJESwO_EKSnnmsz1h/view?usp=drive_link">https://drive.google.com/file/d/1YGaCjaYYcXQUdYwFJESwO_EKSnnmsz1h/view?usp=drive_link</a>
	<b>Evolution of coelom and Metamerism (Part-2)</b> <a href="https://drive.google.com/file/d/1FGHW8JetiFIII5duifqIHPqPVYd85oiZ/view?usp=drive_link">https://drive.google.com/file/d/1FGHW8JetiFIII5duifqIHPqPVYd85oiZ/view?usp=drive_link</a>
	<b>Overview of Immune System</b> <a href="https://drive.google.com/file/d/1B4h1Zw6An_NMhilufJfun6XkUalAkWfi/view?usp=drive_link">https://drive.google.com/file/d/1B4h1Zw6An_NMhilufJfun6XkUalAkWfi/view?usp=drive_link</a>
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	<b>Cells of Immune System</b> <a href="https://drive.google.com/file/d/174IAib-S1WFSt43nOrBoOqqGI2o8ipeM/view?usp=drive_link">https://drive.google.com/file/d/174IAib-S1WFSt43nOrBoOqqGI2o8ipeM/view?usp=drive_link</a>
	<b>Primary and Secondary Lymphoid organs</b> <a href="https://drive.google.com/file/d/1bii3WU5N5azAZbRcnqDq4V6esV2ANBm/view?usp=sharing">https://drive.google.com/file/d/1bii3WU5N5azAZbRcnqDq4V6esV2ANBm/view?usp=sharing</a>
	<b>Overview of Cell</b> <a href="https://drive.google.com/file/d/1dzOxy-bkOTN-u1rL-Pbn_trdEqWl3-7/view?usp=drive_link">https://drive.google.com/file/d/1dzOxy-bkOTN-u1rL-Pbn_trdEqWl3-7/view?usp=drive_link</a>
	<b>Virus, Viroid, Prion &amp; Mycoplasma</b> <a href="https://drive.google.com/file/d/1LwJsi3AWICFFONehEkvINJnrc2qPGTx/view?usp=drive_link">https://drive.google.com/file/d/1LwJsi3AWICFFONehEkvINJnrc2qPGTx/view?usp=drive_link</a>
	<b>Structure and function of Endoplasmic reticulum</b> <a href="https://drive.google.com/file/d/1Y5AK8kc_ePiGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link">https://drive.google.com/file/d/1Y5AK8kc_ePiGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link</a>
	<b>Onion root tip and Barr body Practical</b> <a href="https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL6OIZ83cSkpq/view?usp=sharing">https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL6OIZ83cSkpq/view?usp=sharing</a>
	<b>Overview of the process digestion in Human Body (General)</b>

  
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Gushkara Mahavidyalaya

Dr. Nabyendu  
Rakshit

[https://drive.google.com/file/d/1uPwU17ZAO\\_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing](https://drive.google.com/file/d/1uPwU17ZAO_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing)

**Absorption of Carbohydrate, Protein, Lipid (General)**

[https://drive.google.com/file/d/1Fd5ZkpGycaBDmUHtEOKJxVrVvH3XS74H/view?usp=drive\\_link](https://drive.google.com/file/d/1Fd5ZkpGycaBDmUHtEOKJxVrVvH3XS74H/view?usp=drive_link)

**Mendel laws of Inheritance (General)**

[https://drive.google.com/file/d/1gUxiXkR86fk2ALaGJEQQBw2OIGu\\_5\\_j8/view?usp=drive\\_link](https://drive.google.com/file/d/1gUxiXkR86fk2ALaGJEQQBw2OIGu_5_j8/view?usp=drive_link)

**Extension of Mendelian Inheritance (General)**

[https://drive.google.com/file/d/17UKv5\\_Dcpwob7IGkcXCPSuyTKUBcKsFt/view?usp=drive\\_link](https://drive.google.com/file/d/17UKv5_Dcpwob7IGkcXCPSuyTKUBcKsFt/view?usp=drive_link)

**Gene Silencing**

<https://drive.google.com/file/d/1gntJgDuZMDQBMLsedTIM6pgu05QYDIBN/view?usp=sharing>

**Nerve impulse propagation**

[https://drive.google.com/file/d/1i5PqLA-e38Hw4GQ2ym1h7YSIW5pwlp\\_p/view?usp=sharing](https://drive.google.com/file/d/1i5PqLA-e38Hw4GQ2ym1h7YSIW5pwlp_p/view?usp=sharing)

**Plasmodium vivax**

[https://drive.google.com/file/d/1RNJIFo5CRK2I4Nlu\\_4xYhTLA8b9mAER3/view?usp=sharing](https://drive.google.com/file/d/1RNJIFo5CRK2I4Nlu_4xYhTLA8b9mAER3/view?usp=sharing)

**Introductory class of Ecology and Population**

[https://drive.google.com/file/d/1ACb0qEtqI7rRPI-1ZIOe3ey238OI47Wg/view?usp=drive\\_link](https://drive.google.com/file/d/1ACb0qEtqI7rRPI-1ZIOe3ey238OI47Wg/view?usp=drive_link)

**Population attributes and growth**

<https://drive.google.com/file/d/1eqHxh5hteF2h9GT9PI6LJEbq0R2dhQ2/view?usp=sharing>

**Introduction of Evolution and Origin of Life (General)**

[https://drive.google.com/file/d/1SaSFPZrwLvhNYHMTEw\\_ipYpX1oRDRmd/view?usp=drive\\_link](https://drive.google.com/file/d/1SaSFPZrwLvhNYHMTEw_ipYpX1oRDRmd/view?usp=drive_link)

**Origin of life Part 2 (General)**

[https://drive.google.com/file/d/1cJjYN9dBvfiCyedbEKxmN6iR9jIccxHA/view?usp=drive\\_link](https://drive.google.com/file/d/1cJjYN9dBvfiCyedbEKxmN6iR9jIccxHA/view?usp=drive_link)

**Biogeny or Biological Evolution**

[https://drive.google.com/file/d/11CzK9PO5-bbF\\_eIGuM5dHSfylyg7hC53/view?usp=drive\\_link](https://drive.google.com/file/d/11CzK9PO5-bbF_eIGuM5dHSfylyg7hC53/view?usp=drive_link)

**Transcription**

<https://drive.google.com/file/d/1BkLQICP7YY4OSVeh3H74kfst8Ehac5HC/view?usp=sharing>

**Stages of Human Embryo development**

[https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive\\_link](https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive_link)

**Fate of Germ Layers**

[https://drive.google.com/file/d/1wB\\_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive\\_link](https://drive.google.com/file/d/1wB_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive_link)

**Extraembryonic Membranes in Birds and Mammals**

[https://drive.google.com/file/d/120qMSNAaPejYwJNrvFd7QQ2hTt0Vnf4f/view?usp=drive\\_link](https://drive.google.com/file/d/120qMSNAaPejYwJNrvFd7QQ2hTt0Vnf4f/view?usp=drive_link)

**Introductory class of Biochemistry: Covalent and Noncovalent Bonding**

[https://drive.google.com/file/d/19me5ASD078YBp\\_MyUJeXD4ANrTRQuzYf/view?usp=sharing](https://drive.google.com/file/d/19me5ASD078YBp_MyUJeXD4ANrTRQuzYf/view?usp=sharing)

**Introductory Class of Animal Behaviour**

[https://drive.google.com/file/d/1QHt8RbHICX\\_h6F3\\_0doY6mpwJlHScNAw/view?usp=drive\\_link](https://drive.google.com/file/d/1QHt8RbHICX_h6F3_0doY6mpwJlHScNAw/view?usp=drive_link)

**Actogram Construction**

[https://drive.google.com/file/d/1eOhb0u\\_WhalX79\\_sP2py-fBtulsBYZkc/view?usp=drive\\_link](https://drive.google.com/file/d/1eOhb0u_WhalX79_sP2py-fBtulsBYZkc/view?usp=drive_link)

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Year-2020-21

Summary sheet of ICT mode of Learning of Department of Zoology

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho(PPT, PDF, Video Lecture etc.)
Dr. Sukhendu Roy	Semester-1	Locomotory organs and their special features in Protozoa (CC1; Unit-2)	PPT & PDF
		Process of Conjugation in <i>Paramecium</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Plasmodium vivax</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Entamoeba histolytica</i> . (CC1; Unit-2)	PPT & PDF
		Lifecycle of <i>Fasciola hepatica</i> (CC1; Unit-6)	PPT & PDF
		Lifecycle of <i>Taenia solium</i> (CC1; Unit-6)	PPT & PDF
		Linear and Y-shaped food chains (CC2; Unit-4)	PPT & PDF
		Nutrient and biogeochemical cycle with an example of Nitrogen cycle (CC2; Unit-4)	PPT & PDF
	Semester-2	Mechanism of insect vision. (CC3; Unit-3)	PPT
		Hormonal regulation in Complete metamorphosis in Lepidopteran Insects (CC3; Unit-3)	PPT
		Mechanism of respiration with Gills in prawn. (CC3; Unit-3)	PPT
		Mechanism of respiration with trachea in Cockroach. (CC3; Unit-3)	PPT
		Cell signalling transduction pathways; Types of signalling molecules. (CC4; Unit-8)	PPT
		Detailed discussion on GPCR & second messenger (cAMP). (CC4; Unit-8)	PPT
		Mechanism of Apoptosis pathway and role of Caspases (CC4; Unit-8)	PPT
Cell cycle and its regulation (Cyclin-CDK regulation) (CC4; Unit-7)	PPT		
Cancer & its properties; Concept of oncogenes; tumor suppressor genes with special reference to p53, Retinoblastoma and Ras and APC. (CC4;	PPT		

  
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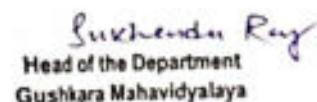
Dr. Sukhendu Roy		Unit-7)	
	Semester-3	Retrogressive metamorphosis in Ascidia. (CC5; Unit-2)	PPT
		Metamorphosis in Amphibia. (CC5; Unit-6)	PPT
		Parental care in Amphibia. (CC5; Unit-6)	PPT
		Exoskeleton and migration in Birds. (CC5; Unit-8)	PPT
		Mechanism of Hormone action: Signal transduction pathways for Steroidal & Nonsteroidal hormones. (CC6; Unit-6)	PPT
		Hormonal regulation of ovarian cycle. (CC6; Unit-5)	PPT
		Mechanism of Glycolysis; with structural modification (CC7; Unit-1)	PPT
		Mechanism of Citric acid cycle with structural modification (CC7; Unit-1)	PPT
		Mechanism of Pentose phosphate pathway, with structural modification (CC7; Unit-1)	PPT
		Enzyme kinetics (CC7; Unit-5)	PPT
	Semester-4	Axial skeleton & appendicular skeleton. (CC8; Unit-2)	PPT
		Comparative account of heart in different vertebrates. (CC8; Unit-5)	PPT
		Comparative account of aortic arches in different vertebrates. (CC8; Unit-5)	PPT
		Blood clotting system & mechanism of blood clotting-Extrinsic pathway & Intrinsic pathway (CC9; Unit-3)	PPT
		Structure and functions of MHC-1 molecules & MHC-II & supporting molecules. (CC10; Unit-6)	PPT
		Pathways of complement activation. (CC10; Unit-7)	PPT
		Hypersensitive reaction. (CC10; Unit-8)	PPT
		Proteins synthesis mechanism (CC11; Unit-4)	PPT
		Genetic code, Degeneracy of the genetic code and Wobble Hypothesis. (CC11; Unit-4)	PPT
		Inhibitors of protein synthesis (CC11; Unit-4)	PPT
		Western blot (CC11; Unit-8)	PPT
		PCR (CC11; Unit-8)	PPT



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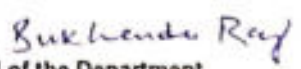


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Dr. Sukhendu Roy	Semester-5	Sanger DNA sequencing(CC11; Unit-8)	PPT
		Southern blot & Northern Blot (CC11; Unit-8)	PPT
		Morgan concept about linkage & derivation of Linkage with Drosophila fly (CC12; Unit-2)	PPT
		Measuring Recombination frequency and linkage intensity using three factor crosses, Interference and coincidence. (CC12; Unit-2)	PPT
		Mechanism of Sex determination of Drosophila and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Mechanism of Sex determination of Human and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Molecular basis of crossing over (CC12; Unit-2)	PPT
		Cloning vectors: Plasmids, Cosmids, Phagemids, Lambda Bacteriophage, M13, BAC, YAC, MAC (DSE1; Unit-2)	PPT
		Construction of genomic and cDNA libraries (DSE1; Unit-2)	PPT
	DNA Fingerprinting (DSE1; Unit-2)	PPT	
	Semester-6	Development of brain in Vertebrate. (CC13; Unit-4)	PPT
		Development of Eye in Vertebrate. (CC13; Unit-4)	PPT
		Detail study of modes of regeneration- epimorphosis. (CC13; Unit-4)	PPT
		Detail study of modes of regeneration- morphallaxis & Compensatory regeneration. (CC13; Unit-4)	PPT
		Evolutionary forces upsetting H-W equilibrium. (CC14; Unit-5)	PPT
		Genetic Drift mechanism. (CC14; Unit-5)	PPT
		Role of Migration and Mutation in changing allele frequencies. (CC14; Unit-5)	PPT
		Stereotyped behaviour & Learning Behaviour (DSE3; Unit-2)	PPT
		Habituation, Imprinting with supporting example. (DSE3; Unit-2)	PPT
<b>Video Lecture</b>			
<b>Own YouTube Channel link</b>			
Development of Eye: <a href="https://www.youtube.com/watch?v=8g_coeDdCj4">https://www.youtube.com/watch?v=8g_coeDdCj4</a>			

  
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Dr. Sukhendu Roy	Genetic drift: <a href="https://www.youtube.com/watch?v=noBrueajCGo">https://www.youtube.com/watch?v=noBrueajCGo</a>
	Natural selection: <a href="https://www.youtube.com/watch?v=fO3GWSs5vH0">https://www.youtube.com/watch?v=fO3GWSs5vH0</a>
	Evolution of horse: <a href="https://www.youtube.com/watch?v=hkB4Pjtqx-U">https://www.youtube.com/watch?v=hkB4Pjtqx-U</a>
	Development of Brain: <a href="https://www.youtube.com/watch?v=u37P7oFrKvk">https://www.youtube.com/watch?v=u37P7oFrKvk</a>
	Hardy Weinberg law: <a href="https://www.youtube.com/watch?v=Lor8WKTJY3s">https://www.youtube.com/watch?v=Lor8WKTJY3s</a>
	Glycolysis: <a href="https://www.youtube.com/watch?v=xPMGhUCZack">https://www.youtube.com/watch?v=xPMGhUCZack</a>
	Migration alters allele frequency: <a href="https://www.youtube.com/watch?v=0nY_TaqVA4A">https://www.youtube.com/watch?v=0nY_TaqVA4A</a>
	Google meet recorded link
	Nucleus: <a href="https://drive.google.com/file/d/1UJQIOKNoTLQdl0AcB4eY5KgXzJL4Gemm/view?usp=sharing">https://drive.google.com/file/d/1UJQIOKNoTLQdl0AcB4eY5KgXzJL4Gemm/view?usp=sharing</a>
	Translation: <a href="https://drive.google.com/file/d/1z6-_BXwNEq1VjOp46a7dbBinxYVelwXY/view?usp=sharing">https://drive.google.com/file/d/1z6-_BXwNEq1VjOp46a7dbBinxYVelwXY/view?usp=sharing</a>
	Inhibition of Translation: <a href="https://drive.google.com/file/d/1ZIRtbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing">https://drive.google.com/file/d/1ZIRtbC6T43mJ91AvMZE_YOD6TMp2t7mM/view?usp=sharing</a>
	Blood Pressure: <a href="https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing">https://drive.google.com/file/d/1HnJybryn-lyR6i15uKonKaykyPmj-kuA/view?usp=sharing</a>
	Urine formation: <a href="https://drive.google.com/file/d/1rTUMMBcQW_aIWXnTpQX7bpa24BDQ8ML/view?usp=sharing">https://drive.google.com/file/d/1rTUMMBcQW_aIWXnTpQX7bpa24BDQ8ML/view?usp=sharing</a>
	Respiratory System: <a href="https://drive.google.com/file/d/1qvIZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing">https://drive.google.com/file/d/1qvIZRaJprPeL3Hvbl_8qK1TSdGKw7-tt/view?usp=sharing</a>
	Hypersensitivity: <a href="https://drive.google.com/file/d/1EtbohlFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing">https://drive.google.com/file/d/1EtbohlFnOxcebPzTuMatCXe-IXqHGGBX/view?usp=sharing</a>
	Hypersensitivity Part-II: <a href="https://drive.google.com/file/d/1eFGpEOIewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing">https://drive.google.com/file/d/1eFGpEOIewSzaUadwkK2BmDYIUdsq-ycO/view?usp=sharing</a>
	Circulatory System: <a href="https://drive.google.com/file/d/1fKYK1lcqjz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing">https://drive.google.com/file/d/1fKYK1lcqjz0MvbdCnxTyeJmeLOFhvTPK/view?usp=sharing</a>
Skeletal System: <a href="https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYglbaJl9MBXUmUL/view?usp=sharing">https://drive.google.com/file/d/1oTyYMJ8XdwgrqMdcoYglbaJl9MBXUmUL/view?usp=sharing</a>	
Skeletal System Part-II <a href="https://drive.google.com/file/d/1TavlgmHqIcBdq4n1ZLFuP2xbZ4vs5SYh/vlew?usp=sharing">https://drive.google.com/file/d/1TavlgmHqIcBdq4n1ZLFuP2xbZ4vs5SYh/vlew?usp=sharing</a>	

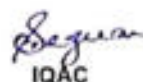


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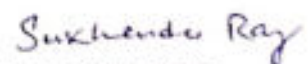
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<b>Jaw Suspension:</b> <a href="https://drive.google.com/file/d/16QG90T_LPYPPxO1oFoSMFy859v8MUrny/view?usp=sharing">https://drive.google.com/file/d/16QG90T_LPYPPxO1oFoSMFy859v8MUrny/view?usp=sharing</a>		
<b>Blood:</b> <a href="https://drive.google.com/file/d/1glm5GxBkAgvov8aaWG7v6k4HHjwev3rH/view?usp=sharing">https://drive.google.com/file/d/1glm5GxBkAgvov8aaWG7v6k4HHjwev3rH/view?usp=sharing</a>		
<b>Aortic arch</b> <a href="https://drive.google.com/file/d/1a2JT7MRNqR0lmgmQNeUvYyKq6aYn2pAV/view?usp=sharing">https://drive.google.com/file/d/1a2JT7MRNqR0lmgmQNeUvYyKq6aYn2pAV/view?usp=sharing</a>		
<b>ABO blood group:</b> <a href="https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing">https://drive.google.com/file/d/1O5z0sr2Uh4BQhO5pvTDGv1jCZMcIEyDQ/view?usp=sharing</a>		
<b>Cardiac cycle:</b> <a href="https://drive.google.com/file/d/1zCp3QJ-TkJrk_IACL_kLVu3he0dPAmoG/view?usp=sharing">https://drive.google.com/file/d/1zCp3QJ-TkJrk_IACL_kLVu3he0dPAmoG/view?usp=sharing</a>		
<b>Digestive System:</b> <a href="https://drive.google.com/file/d/18YLzXRyWs_CIG4PO_UR91KE1ZK12kZxu/view?usp=sharing">https://drive.google.com/file/d/18YLzXRyWs_CIG4PO_UR91KE1ZK12kZxu/view?usp=sharing</a>		
<b>Digestion of Protein &amp; lipid:</b> <a href="https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-pIRoMyFLVZ4/view?usp=sharing">https://drive.google.com/file/d/1EdEbmjoQwlcOts3AKZC_-pIRoMyFLVZ4/view?usp=sharing</a>		
<b>Complement System:</b> <a href="https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing">https://drive.google.com/file/d/1RjzbUX0yA5WmtLYtk0YKfMnyfhPefwvN/view?usp=sharing</a>		
<b>Blood Pressure:</b> <a href="https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIVo3s6q3/view?usp=sharing">https://drive.google.com/file/d/1UXJmi-khNDSS7HwLU7zJL54rIVo3s6q3/view?usp=sharing</a>		
<b>Cytoskeleton:</b> <a href="https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSqTk4kweG1M21M/view?usp=sharing">https://drive.google.com/file/d/1hLvlvNKVZ4GS0fhBiaSqTk4kweG1M21M/view?usp=sharing</a>		
<b>Cell Signaling:</b> <a href="https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing">https://drive.google.com/file/d/1RzQS04WMQc7udRWdK-tQvQ6xmM460wjH/view?usp=sharing</a>		
<b>Cell Cycle:</b> <a href="https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CqEfsb1AC0/view?usp=sharing">https://drive.google.com/file/d/1FuLrrHMfulbNCsRqNx-2G9CqEfsb1AC0/view?usp=sharing</a>		
<b>Semester-1</b>	Metagenesis in Obelia	PPT, PDF
	Ecosystem	PPT, PDF
<b>Semester-2</b>	Larval forms in Echinodermata	PPT, PDF, YouTube
	Affinities with Chordates	PPT, PDF, YouTube
	Swim Bladder in Fishes	PPT, PDF
	Terpenoids	PDF, YouTube
	Apiculture	PPT, PDF
	Renal Physiology	PPT, PDF, YouTube



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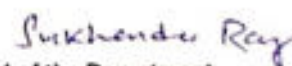
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Barabani, Barabani (Bardhaman)



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Dr. Saurabh Sarkar	Semester-4	Human Karyotype	PPT, PDF
	Semester-5	Polygenic inheritance	PPT, PDF
		Genome	PPT, PDF
	Semester-6	Development Biology Introduction	PPT, PDF, YouTube
		Gametogenesis: Spermatogenesis, Oogenesis	PPT, PDF, YouTube
		Types of eggs, Egg membranes	PPT, PDF, YouTube
		Fertilization (External and Internal); Changes in gametes, Blocks to polyspermy	PPT, PDF, YouTube
		Planes and patterns of cleavage	PPT, PDF, YouTube
		Types of Blastula	PPT, PDF, YouTube
		Fate maps (including Techniques)	PPT, PDF, YouTube
		Early development of frog up to gastrulation	PPT, PDF, YouTube
		Early development of chick up to gastrulation	PPT, PDF, YouTube
		Embryonic induction and organizers	PPT, PDF, YouTube
		Hormonal Regulation of Parturition	PPT, PDF, YouTube
	Extinction	PPT, PDF, YouTube	
Own YouTube Channel Link: <a href="https://www.youtube.com/@drosophila5012/videos">https://www.youtube.com/@drosophila5012/videos</a>			
Departmental YouTube Channel: <a href="https://www.youtube.com/@departmentofzoologygushkar2040/videos">https://www.youtube.com/@departmentofzoologygushkar2040/videos</a>			
Rubinur Khatun	Semester-2	General characteristics and evolutionary significance of phylum	PPT
		Onychophora (cc3;unit-4) Microtubule Associated Proteins (cc4;unit-5)	
	Semester-4	Structure and function of digestive system (cc-8;unit-3) Mechanism of urine formation (cc-9;unit-6) ELISA (cc-9;unit-4)	PPT



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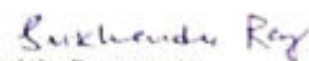
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	<b>Semester-6</b>	Planes of cleavage (cc-13;unit-2) Sources of variations (cc-14;unit-4) Hypothalamic regulation of neuroendocrine glands (DSE-4;unit-2)	PPT
Aparnita Nandi Roy	<b>Semester-1</b>	Coral and coral reefs diversity , function and conservation (CC1;Unit4)	PPT & PDF
		Applied Ecology: conservation of Biodiversity: In situ & ex situ(CC2; Unit:5))	PPT & PDF
		Management strategies of tiger conservation (CC2; Unit 5)	PPT & PDF
	<b>Semester-2</b>	1) General characteristics and classification of phylum Annelida upto order(CC3;Unit2)	PPT & PDF
		Excretion of Annelida through nephridia (CC3;Unit 2)	PPT & PDF
		Basic structure of prokaryotic and Eukaryotic cells(CC4;Unit1)	PPT & PDF
	<b>Semester-3</b>	Structure of virus, virions, prions and mycoplasma (CC4; Unit1)	PPT & PDF
		Accessory respiratory organs of fishes (CC5;Unit5)	PPT & PDF
		Migration and parental care of fishes (CC5;Unit5)	PPT & PDF
		Swim bladder in fishes (CC5; Unit 5)	PPT & PDF
		Structure,location, function and classification of epithelial tissue (CC6; Unit 1)	PPT & PDF
		Structure,location,function and classification of connective tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of muscular tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of nerve tissue (CC6;Unit1)	PPT & PDF
		Histology and function of Pituitary gland (CC6;Unit6)	PPT & PDF
		Histology and function of Thyroid gland(CC6; unit6)	PPT & PDF
		Histology and function of Adrenal gland (CC6;unit6)	PPT & PDF
		Histology and function of Pancreas ( CC6; Unit 6)	PPT & PDF
		Lipid metabolism:beta oxidation of Fatty acids (CC7;Unit2)	PPT & PDF
	Skeletal system: Jaw suspension in vertebrates (CC8; Unit2)	PPT & PDF	



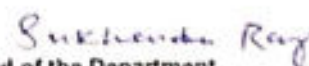
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Aparnita Nandi Roy	Semester-4	Comparative anatomy of stomach (CC8;Unit3)	PPT & PDF
		Dentition in mammals(CC8;Unit 3)	PPT & PDF
		Structural organisation and function of gastrointestinal tract and associated glands.(CC9;Unit1)	PPT & PDF
		Digestive enzymes (CC9; Unit 1)	PPT & PDF
		Physiological classification based on Thermal Biology (CC9; Unit 5)	PPT & PDF
		Osmoregulation in aquatic vertebrates (CC9; Unit 5)	PPT & PDF
		B cell and T cell epitopes (CC10; Unit 3)	PPT & PDF
		Types, properties and function of Cytokines (CC10;Unit6)	PPT & PDF
	Semester-5	1) Structure of Watson Crick's model of DNA(CC11;Unit1)	PPT & PDF
		Polygenic inheritance (CC12;Unit 1)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity diagnosis,prophylaxis, treatment of <i>Giardia intestinalis</i> .(DSE2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity diagnosis,prophylaxis, treatment of <i>Trypanosoma gambiense</i> .(DSE 2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity, diagnosis,prophylaxis, treatment of <i>Leishmania donovani</i> . DSE2; Unit 2)	PPT & PDF
		Semester-6	Embryonic induction and organizers (CC13; Unit 2)
Structure, types and function of placenta (CC13;Unit 3)	PPT & PDF		
Historical review of evolutionary concepts: Darwinism and Neodarwinism CC14; Unit 2)	PPT & PDF		
Role of melatonin (DSE 3;Unit5)	PPT & PDF		
General idea of endocrine system: classification and characteristics of hormones ( DSE 4; Unit 1)	PPT & PDF		
Structure, hormones, function of Thyroid gland ( DSE 4;Unit 3)	PPT & PDF		
Structure, hormones, function of Adrenal gland (DSE4; Unit 3)	PPT & PDF		
Video link			
Excretion in Annelida: <a href="https://youtu.be/OLANNizkE-I?si=h8vjLooK7Qbo-Bck">https://youtu.be/OLANNizkE-I?si=h8vjLooK7Qbo-Bck</a>			



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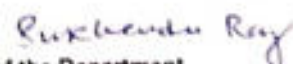
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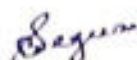
		Human Digestive System, Topic : Digestive Enzymes: <a href="https://youtu.be/KzXC2oFE2a0?si=45hDWrQBwLkU3o8I">https://youtu.be/KzXC2oFE2a0?si=45hDWrQBwLkU3o8I</a>	
Poulomi Roy	Semester-1	Ctenophora (CC1)	PPT, PDF
		Platyhelminthes (CC1)	PPT, PDF
		Community(CC2)	PPT, PDF
		Conservation (CC2)	PPT, PDF
Poulomi Roy	Semester-2	Annelida (CC3)	PPT, PDF
		Metamerism (CC3)	PPT, PDF
		Evolution of Coelom (CC3)	PPT, PDF
		Cell Division (CC4)	PPT, PDF
		Cell Signaling (CC4)	PPT, PDF
		Sense Organs (CC1B/2B/3B)	PPT, PDF
Poulomi Roy	Semester-3	Origins of Cordata(CC5)	PPT, PDF
		Bone & Cartilage(CC6)	PPT, PDF
		Enzymes(CC7)	PPT, PDF
		Biology of Bees(SEC1)	PPT, PDF
Poulomi Roy	Semester-4	Comparative Anatomy of Respiratory Systems(CC8)	PPT, PDF
		Physiology of Respiration(CC9)	PPT, PDF
		Immunology of Diseases& Vaccines(CC10)	PPT, PDF
		Extinctions(CC1D/2D/3D)	PPT, PDF
Poulomi Roy	Semester-5	DNA Replication(CC11)	PPT, PDF
		Mutations(CC12)	PPT, PDF
		G.M.O. (DSE1)	PPT, PDF
		Host-Parasite Interaction(DSE2)	PPT, PDF
Poulomi Roy	Semester-6	Gametogenesis & (CC13)	PPT, PDF
		Fertilization (CC13)	PPT, PDF
		Population Genetics (CC14)	PPT, PDF
		Biological Rhythm (DSE3)	PPT, PDF
		Epiphysis, Hypothalamo-Hypophysial Axis (DSE4)	PPT, PDF



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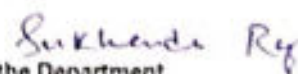
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Dr. Nabyendu Rakshit	Semester-1	Classification & Systematics (CC-1)	PPT
		Taxonomic types (CC-1)	PPT
		History of Biological Classification (CC-1)	PPT
		Outline Classification and Evolutionary Origin of Subkingdom Protozoa (CC-1)	PPT
		Locomotory Organelles in Protozoa (CC-1)	PPT
		Life cycle and Pathogenicity of <i>Plasmodium vivax</i> (CC-1)	PPT
		Multicellular origin: benefit vs. risk(CC-1)	PPT
		Polymorphism in Coelenterata(CC-1)	PPT
		Metagenesis in <i>Obelia</i> sp.(CC-1)	PPT
		Population Ecology (CC-2)	PPT
		Exponential and logistic Population growth (CC-2)	PPT
		Interspecific Competition: Definition of a niche (CC-2)	PPT
		Population Regulation including Extinction and Risk Analysis(CC-2)	PPT
		Community Interactions and Diversity Index (CC-2)	PPT
		Structure and Composition of Community (CC-2)	PPT
		Ecological Succession (CC-2)	PPT
Concept of Wild life Management and Actions (CC-2)	PPT		
Dr. Nabyendu Rakshit	Semester-2	Social Organization in insects (CC-3)	PPT
		Larval Forms of Echinodermata and their Evolutionary Significance (CC-3)	PPT
		Overview of Virus, Viroid, Prion(CC-4)	PPT
		Structure and function of Endoplasmic reticulum(CC-4)	PPT
		Protein sorting and targeting(CC-4)	PPT
		Structure and function of Golgi body (CC-4)	PPT
		Structure and function of Lysosome (CC-4)	PPT
		Respiratory Chain and Oxidative Phosphorylation (CC-4)	PPT

  
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Dr. Nabyendu Rakshit		Nuclear transport through NPC (CC-4)	PPT	
		Overview of Cell Signaling (CC-4)	PPT	
	Semester-3		Poison gland and biting mechanism in poisonous snakes (CC-5)	PPT
			Integumentary system in Human (Skin, Cutaneous glands, Hair, Nail) (CC-5)	PPT
			Echolocation in Bats (CC-5)	PPT
			Skeletal muscle structure & its contraction mechanism (CC-6)	PPT
			Nerve Cells and Nerve Impulses (CC-6)	PPT
			Structure and function of Amino Acids (CC-7)	PPT
			Levels of Protein Structure (CC-7)	PPT
			Overview of Amino Acid Metabolism including Urea cycle (CC-7)	PPT
	Semester-4		Comparative account of Vertebrate Brain and Cranial nerves in Mammals (CC-8)	PPT
			Integumentary System in Amphibians, Birds and Mammals (CC-8)	PPT
			ABO Blood Group System (CC-9)	PPT
			Osmoregulation in Aquatic Vertebrates (CC-9)	PPT
			Thermoregulation in Endotherms (CC-9)	PPT
			Cells involved in Immunity (CC-10)	PPT
			Primary and Secondary Lymphoid Organs (CC-10)	PPT
			Organization of Major Histocompatibility Complex (CC-10)	PPT
			Antigen Processing and Presentation (CC-10)	PPT
			CYTOKINES: Immune Communicator (CC-10)	PPT
		DNA Replication in Prokaryotes (CC-11)	PPT	
		Telomere DNA Replication (CC-11)	PPT	
		Transcription in Prokaryotes (CC-11)	PPT	
		Gene Regulation in Prokaryotes, Operon Concept (CC-11)	PPT	
		Gene Regulation in Eukaryotes, Enhancer, Silencer, Activator, Repressor (CC-11)	PPT	



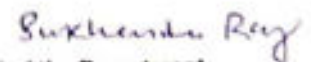
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Dr. Nabyendu	Semester-5	Gene Silencing (CC-11)	PPT
		Causes of DNA damage and DNA Repair System (CC-11)	PPT
		Transposons (CC-12)	PPT
		Complementation test in Bacteriophage (CC-12)	PPT
		Restriction enzymes (DSE-1)	PPT
		Vectors used in r-DNA technology (DSE-1)	PPT
	Semester-6	Principles of Development (CC-13)	PPT
		Extra-embryonic Membranes in Birds (CC-13)	PPT
		Fate of the Different Germ Layers (CC-13)	PPT
		Types and Function of Placenta (CC-13)	PPT
		Origin of Life: Chemogeny (CC-14)	PPT
		Origin of Life: Biogeny (CC-14)	PPT
		Theories Of Evolution with special emphasis on Darwinism (CC-14)	PPT
		Mass Extinction: Reshaping the World Biodiversity (CC-14)	PPT
		Historical Review of Ethology (DSE-3)	PPT
		Homeostasis (DSE-4)	PPT
	Structure and Function of Thyroid Gland (DSE-4)	PPT	
	<b>Video Lecture</b>		
	<b>Own YouTube Channel link</b>		
<b>Evolution lecture 1 (origin of life-Part 1):</b> <a href="https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh">https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh</a>			
<b>Evolution lecture 2(Origin of life- part- 2 (Biogeny)):</b> <a href="https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh&amp;index=5">https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh&amp;index=5</a>			
<b>Theories of Evolution 1</b> <a href="https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh&amp;index=6">https://www.youtube.com/watch?v=zCQg_awR26Q&amp;list=PLsh4111x9IHARfdBPWYeCE0MVymG7RMh&amp;index=6</a>			
<b>Google meet recorded link</b>			
<b>Taxonomic types</b> <a href="https://drive.google.com/file/d/1rWjRQqH4sd6lZFe3-iHvZ13ib6b8WczT/view?usp=drive_link">https://drive.google.com/file/d/1rWjRQqH4sd6lZFe3-iHvZ13ib6b8WczT/view?usp=drive_link</a>			
<b>Echolocation in Bats</b> <a href="https://drive.google.com/file/d/1zZSJ8e4mxCbOqNJI7FITTImA20SuG-Pa/view?usp=sharing">https://drive.google.com/file/d/1zZSJ8e4mxCbOqNJI7FITTImA20SuG-Pa/view?usp=sharing</a>			



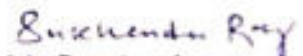
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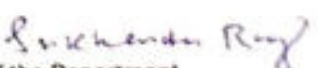
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Rakshit	<b>Introductory class of Comparative anatomy and Integumentary System (Part-1)</b> <a href="https://drive.google.com/file/d/11j3lmfNU-I3q_SYkmVpx4SDdud5Yd20/view?usp=drive_link">https://drive.google.com/file/d/11j3lmfNU-I3q_SYkmVpx4SDdud5Yd20/view?usp=drive_link</a>
	<b>Integumentary System (Part-2)</b> <a href="https://drive.google.com/file/d/1ChX9FJmL-IF_m41-oc91-5_hSZzDyEa/view?usp=drive_link">https://drive.google.com/file/d/1ChX9FJmL-IF_m41-oc91-5_hSZzDyEa/view?usp=drive_link</a>
	<b>Integumentary System in mammals (Part-1)</b> <a href="https://drive.google.com/file/d/17qSjxTSQbG0lfer4n3V90cGvIkM0OqK/view?usp=drive_link">https://drive.google.com/file/d/17qSjxTSQbG0lfer4n3V90cGvIkM0OqK/view?usp=drive_link</a>
	<b>Integumentary System in mammals (Part-2)</b> <a href="https://drive.google.com/file/d/1eG7H8N0zJFqtrRYX_C1rXEFBUb9pLuq/view?usp=sharing">https://drive.google.com/file/d/1eG7H8N0zJFqtrRYX_C1rXEFBUb9pLuq/view?usp=sharing</a>
	<b>Adaptive radiation with special reference to Locomotory Appendages of Mammals</b> <a href="https://drive.google.com/file/d/1xL1ANEqzteEXBC4cKVp4ejEOBeMRmwk/view?usp=drive_link">https://drive.google.com/file/d/1xL1ANEqzteEXBC4cKVp4ejEOBeMRmwk/view?usp=drive_link</a>
	<b>Evolution of coelom and Metamerism (Part-1)</b> <a href="https://drive.google.com/file/d/1YGaCjaYYqXQUdYwFJESwO_EKSnnmsz1h/view?usp=drive_link">https://drive.google.com/file/d/1YGaCjaYYqXQUdYwFJESwO_EKSnnmsz1h/view?usp=drive_link</a>
	<b>Evolution of coelom and Metamerism (Part-2)</b> <a href="https://drive.google.com/file/d/1FGHW8JetjFill6dujfqIHPqPVYd85oiZ/view?usp=drive_link">https://drive.google.com/file/d/1FGHW8JetjFill6dujfqIHPqPVYd85oiZ/view?usp=drive_link</a>
	<b>Overview of Immune System</b> <a href="https://drive.google.com/file/d/1B4h1Zw6An_NMhJufJfun6XkUaIAkWfi/view?usp=drive_link">https://drive.google.com/file/d/1B4h1Zw6An_NMhJufJfun6XkUaIAkWfi/view?usp=drive_link</a>
	<b>History of Immunology</b> <a href="https://drive.google.com/file/d/1z_Lf_df-hkOxNcbG21RwIxzKrGZbJds/view?usp=drive_link">https://drive.google.com/file/d/1z_Lf_df-hkOxNcbG21RwIxzKrGZbJds/view?usp=drive_link</a>
	<b>Cells of Immune System</b> <a href="https://drive.google.com/file/d/174IAib-S1WFSi43nQrBoOqqGI2o8ipeM/view?usp=drive_link">https://drive.google.com/file/d/174IAib-S1WFSi43nQrBoOqqGI2o8ipeM/view?usp=drive_link</a>
	<b>Primary and Secondary Lymphoid organs</b> <a href="https://drive.google.com/file/d/1biI3WU5N5azAZbRcngDq4V6esV2ANBm/view?usp=sharing">https://drive.google.com/file/d/1biI3WU5N5azAZbRcngDq4V6esV2ANBm/view?usp=sharing</a>
	<b>Overview of Cell</b> <a href="https://drive.google.com/file/d/1dzOxv-bkOTN-u1rL-Pbn_trdEqWl3-7/view?usp=drive_link">https://drive.google.com/file/d/1dzOxv-bkOTN-u1rL-Pbn_trdEqWl3-7/view?usp=drive_link</a>
	<b>Virus, Viroid, Prion &amp; Mycoplasma</b> <a href="https://drive.google.com/file/d/1LlwJsi3AWICFFONehEKViNJnrc2qPGTx/view?usp=drive_link">https://drive.google.com/file/d/1LlwJsi3AWICFFONehEKViNJnrc2qPGTx/view?usp=drive_link</a>
	<b>Structure and function of Endoplasmic reticulum</b> <a href="https://drive.google.com/file/d/1Y5AK8kc_ePtGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link">https://drive.google.com/file/d/1Y5AK8kc_ePtGhzMZ3EZEcdF2NZXXyY6C/view?usp=drive_link</a>
	<b>Onion root tip and Barr body Practical</b> <a href="https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL6OIZ83cSkpq/view?usp=sharing">https://drive.google.com/file/d/14WDEiO4FnxCoE9xMtzLxL6OIZ83cSkpq/view?usp=sharing</a>
	<b>Overview of the process digestion in Human Body (General)</b> <a href="https://drive.google.com/file/d/1uPwU17ZAO_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing">https://drive.google.com/file/d/1uPwU17ZAO_QKyCN2lv3jDN0eHdXKsme5/view?usp=sharing</a>
	<b>Absorption of Carbohydrate, Protein, Lipid (General)</b> <a href="https://drive.google.com/file/d/1W_d5ZkpGycuBDmUHhEOKJxVrVvH3XS74H/view?usp=drive_link">https://drive.google.com/file/d/1W_d5ZkpGycuBDmUHhEOKJxVrVvH3XS74H/view?usp=drive_link</a>
	<b>Mendel laws of Inheritance (General)</b> <a href="https://drive.google.com/file/d/1gUxiXkR86Ik2AlaGjEOQBw2OtGu_5_j8/view?usp=drive_link">https://drive.google.com/file/d/1gUxiXkR86Ik2AlaGjEOQBw2OtGu_5_j8/view?usp=drive_link</a>
	<b>Extension of Mendelian Inheritance (General)</b> <a href="https://drive.google.com/file/d/17UKv5_Dcpwob7IGkcXCPsuyTKUBcKsFt/view?usp=drive_link">https://drive.google.com/file/d/17UKv5_Dcpwob7IGkcXCPsuyTKUBcKsFt/view?usp=drive_link</a>
	<b>Gene Silencing</b> <a href="https://drive.google.com/file/d/1gntJqDuZMDQBMLsedTIM6pqu05QYDIBN/view?usp=sharing">https://drive.google.com/file/d/1gntJqDuZMDQBMLsedTIM6pqu05QYDIBN/view?usp=sharing</a>
<b>Nerve impulse propagation</b> <a href="https://drive.google.com/file/d/1i5PqLA-e38Hw4GQ2ym1h7YSIW5pwlp_p/view?usp=sharing">https://drive.google.com/file/d/1i5PqLA-e38Hw4GQ2ym1h7YSIW5pwlp_p/view?usp=sharing</a>	
<b>Plasmodium vivax</b>	

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Rakshit

  
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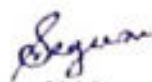
  
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<b>Introductory class of Ecology and Population</b> <a href="https://drive.google.com/file/d/1ACh0qE1qI7rRPI-1ZIOe3oy238OI47Wg/view?usp=drive_link">https://drive.google.com/file/d/1ACh0qE1qI7rRPI-1ZIOe3oy238OI47Wg/view?usp=drive_link</a>
<b>Population attributes and growth</b> <a href="https://drive.google.com/file/d/1esjHxh5htelP2h9GT9P16L_JEbq0R2dhQ2/view?usp=sharing">https://drive.google.com/file/d/1esjHxh5htelP2h9GT9P16L_JEbq0R2dhQ2/view?usp=sharing</a>
<b>Introduction of Evolution and Origin of Life (General)</b> <a href="https://drive.google.com/file/d/1SaSFPZrwLyhNYHMrTEw_ipYpX1oRDRmd/view?usp=drive_link">https://drive.google.com/file/d/1SaSFPZrwLyhNYHMrTEw_ipYpX1oRDRmd/view?usp=drive_link</a>
<b>Origin of life Part 2(General)</b> <a href="https://drive.google.com/file/d/1cJjYN9dBvfiCyedBkXmNGiR9jIccxHA/view?usp=drive_link">https://drive.google.com/file/d/1cJjYN9dBvfiCyedBkXmNGiR9jIccxHA/view?usp=drive_link</a>
<b>Biogeny or Biological Evolution</b> <a href="https://drive.google.com/file/d/11CzK9PO5-bbF_eIGuM5dHSfylyg7hC53/view?usp=drive_link">https://drive.google.com/file/d/11CzK9PO5-bbF_eIGuM5dHSfylyg7hC53/view?usp=drive_link</a>
<b>Transcription</b> <a href="https://drive.google.com/file/d/1BkLofCP7YY4QSVoh3H74kjt8Ehac5HC/view?usp=sharing">https://drive.google.com/file/d/1BkLofCP7YY4QSVoh3H74kjt8Ehac5HC/view?usp=sharing</a>
<b>Stages of Human Embryo development</b> <a href="https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive_link">https://drive.google.com/file/d/1rKFjvoMYtvEphNalXmMWv9oBpa2mHoVN/view?usp=drive_link</a>
<b>Fate of Germ Layers</b> <a href="https://drive.google.com/file/d/1w8_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive_link">https://drive.google.com/file/d/1w8_Bc7DcyUJUKPT2wpFT1hAoMy90tldI/view?usp=drive_link</a>
<b>Extraembryonic Membranes in Birds and Mammals</b> <a href="https://drive.google.com/file/d/120qMSNAaPejYWJNrvFd7QQ2hT10Vnf4I/view?usp=drive_link">https://drive.google.com/file/d/120qMSNAaPejYWJNrvFd7QQ2hT10Vnf4I/view?usp=drive_link</a>
<b>Introductory class of Biochemistry: Covalent and Noncovalent Bonding</b> <a href="https://drive.google.com/file/d/19me5ASD078YBp_MyUJeXD4ANrTRQuzYf/view?usp=sharing">https://drive.google.com/file/d/19me5ASD078YBp_MyUJeXD4ANrTRQuzYf/view?usp=sharing</a>
<b>Introductory Class of Animal Behaviour</b> <a href="https://drive.google.com/file/d/1QH18RbHICX_h6F3_0doY6mpwJHScNAw/view?usp=drive_link">https://drive.google.com/file/d/1QH18RbHICX_h6F3_0doY6mpwJHScNAw/view?usp=drive_link</a>
<b>Actogram Construction</b> <a href="https://drive.google.com/file/d/1eOhb0u_WhaLX79_sP2py-fBtulsBYZkc/view?usp=drive_link">https://drive.google.com/file/d/1eOhb0u_WhaLX79_sP2py-fBtulsBYZkc/view?usp=drive_link</a>



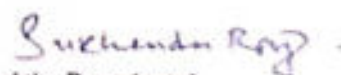
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Year-2019-20

Summary sheet of ICT mode of Learning of Department of Zoology

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho(PPT, PDF, Video Lecture etc.)
Dr. Sukhendu Roy		Lifecycle of <i>Fasciola hepatica</i> (CC1; Unit-6)	PPT & PDF
		Lifecycle of <i>Taenia solium</i> (CC1; Unit-6)	PPT & PDF
		Linear and Y-shaped food chains (CC2; Unit-4)	PPT & PDF
		Nutrient and biogeochemical cycle with an example of Nitrogen cycle (CC2; Unit-4)	PPT & PDF
		Discuss Population Interactions & different types of population interaction like Neutralism, Amensalism, Commensalism etc. & their effect on diff population, result of interaction & example. (CC2; Unit-2)	PPT & PDF
		Discuss overview & mathematical derivation & significance of Lotka-Volterra equation for competition. (CC2; Unit-2)	PPT, PDF & video lecture
	Semester-2	Mechanism of respiration with Gills in prawn. (CC3; Unit-3)	PPT
		Mechanism of respiration with trachea in Cockroach. (CC3; Unit-3)	PPT
		Transport across membrane through Active transport & Passive transport. (CC4; Unit-2)	PPT & video lecture
		Cell junctions: Tight junctions and Gap junctions. (CC4; Unit-2)	
		Cell signalling transduction pathways; Types of signalling molecules. (CC4; Unit-8)	PPT
		Detailed discussion on GPCR & second messenger (cAMP). (CC4; Unit-8)	PPT
		Mechanism of Apoptosis pathway and role of Caspases (CC4; Unit-8)	PPT
		Cell cycle and its regulation (Cyclin-CDK regulation) (CC4; Unit-7)	PPT
		Cancer & its properties; Concept of oncogenes; tumor suppressor genes	PPT



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Dr. Sukhendu Roy		with special reference to p53,Retinoblastoma and Ras and APC. (CC4; Unit-7)	
	Semester-3	Exoskeleton and migration in Birds. (CC5; Unit-8)	PPT
		Exoskeleton derivatives of mammals. (CC5; Unit-9)	PPT
		Origin of action potential and its propagation across the myelinated and unmyelinated nerve fibers. (CC6; Unit-3)	PPT
		Synaptic transmission. (CC6; Unit-3)	PPT
		Mechanism of Hormone action: Signal transduction pathways for Steroidal & Nonsteroidal hormones. (CC6; Unit-6)	PPT
		Hormonal regulation of ovarian cycle. (CC6; Unit-5)	PPT
		Mechanism of Glycolysis; with structural modification (CC7; Unit-1)	PPT
		Mechanism of Citric acid cycle with structural modification (CC7; Unit-1)	PPT
		Mechanism of Pentose phosphate pathway, with structural modification (CC7; Unit-1)	PPT
		Enzyme kinetics (CC7; Unit-5)	PPT
	Semester-4	Axial skeleton & appendicular skeleton. (CC8; Unit-2)	PPT
		Comparative account of heart in different vertebrates. (CC8; Unit-5)	PPT
		Comparative account of aortic arches in different vertebrates. (CC8; Unit-5)	PPT
		Blood clotting system & mechanism of blood clotting-Extrinsic pathway & Intrinsic pathway (CC9; Unit-3)	PPT
		Mechanical and chemical digestion of food. (CC9; Unit-9)	PPT
		Absorption of Carbohydrates, Lipids, Proteins and Nucleic Acids. (CC9; Unit-9)	PPT
		Mechanism of urine formation. (CC9; Unit-6)	PPT
		Regulation of acidbase balance. (CC9; Unit-6)	PPT
Structure and functions of MHC-1 molecules & MHC-II & supporting molecules. (CC10; Unit-6)		PPT	
Pathways of complement activation. (CC10; Unit-7)	PPT		



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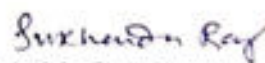
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Dr. Sukhendu Roy		Hypersensitive reaction. (CC10; Unit-8)	PPT
	Semester-5	Proteins synthesis mechanism (CC11; Unit-4)	PPT
		Genetic code, Degeneracy of the genetic code and Wobble Hypothesis. (CC11; Unit-4)	PPT
		Inhibitors of protein synthesis (CC11; Unit-4)	PPT
		Western blot (CC11; Unit-8)	PPT
		PCR (CC11; Unit-8)	PPT
		Sanger DNA sequencing (CC11; Unit-8)	PPT
		Southern blot & Northern Blot (CC11; Unit-8)	PPT
		Morgan concept about linkage & derivation of Linkage with <i>Drosophila</i> fly (CC12; Unit-2)	PPT
		Measuring Recombination frequency and linkage intensity using three factor crosses, Interference and coincidence. (CC12; Unit-2)	PPT
		Mechanism of Sex determination of <i>Drosophila</i> and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Mechanism of Sex determination of Human and involvement of various genes in the sex determination process. (CC12; Unit-4)	PPT
		Molecular basis of crossing over (CC12; Unit-2)	PPT
		Cloning vectors: Plasmids, Cosmids, Phagemids, Lambda Bacteriophage, M13, BAC, YAC, MAC (DSE1; Unit-2)	PPT
		Construction of genomic and cDNA libraries (DSE1; Unit-2)	PPT
		DNA Fingerprinting (DSE1; Unit-2)	PPT
		Life Cycle of <i>Schistosoma haematobium</i> (DSE2; Unit-3)	PPT
		Life Cycle of <i>Taenia sajinata</i> (DSE2; Unit-3)	PPT
		Teratogenic agents and their effects on embryonic development. (CC13; Unit-5)	PPT
		In vitro fertilization. (CC13; Unit-5)	PPT
	Amniocentesis. (CC13; Unit-5)	PPT	
	Evolutionary forces upsetting H-W equilibrium. (CC14; Unit-5)	PPT	



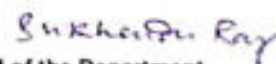
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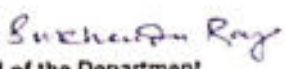
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Dr. Sukhendu Roy	Semester-6	Genetic Drift mechanism. (CC14; Unit-5)	PPT
		Role of Migration and Mutation in changing allele frequencies. (CC14; Unit-5)	PPT
		Evolution of Man. (CC14; Unit-8)	PPT
		Evolution of horse. (CC14; Unit-3)	PPT
		Stereotyped behaviour & Learning Behaviour (DSE3; Unit-2)	PPT
		Habituation, Imprinting with supporting example. (DSE3; Unit-2)	PPT
		Social Behaviour: Concept of Society. (DSE3; Unit-3)	PPT
		Foraging in honeybee. (DSE3; Unit-3)	PPT
		Sexual Behaviour. (DSE3; Unit-3)	PPT
		Mechanism of action of steroidal with receptors & non-steroidal hormones with receptors. (DSE4; Unit-4)	PPT
		Menstrual cycle in human. (DSE4; Unit-4)	PPT
	Multifaceted role of Vasopressin & Oxytocin. (DSE4; Unit-4)	PPT	
	Video Lecture		
Own YouTube Channel link			
Development of Eye: <a href="https://www.youtube.com/watch?v=8g_coeDdCj4">https://www.youtube.com/watch?v=8g_coeDdCj4</a>			
Genetic drift: <a href="https://www.youtube.com/watch?v=noBrueajCGo">https://www.youtube.com/watch?v=noBrueajCGo</a>			
Natural selection: <a href="https://www.youtube.com/watch?v=fO3GWSs5vH0">https://www.youtube.com/watch?v=fO3GWSs5vH0</a>			
Evolution of horse: <a href="https://www.youtube.com/watch?v=hkB4Pjtqx-U">https://www.youtube.com/watch?v=hkB4Pjtqx-U</a>			
Development of Brain: <a href="https://www.youtube.com/watch?v=u37P7oFrKvk">https://www.youtube.com/watch?v=u37P7oFrKvk</a>			
Hardy Weinberg law: <a href="https://www.youtube.com/watch?v=Lor8WKTJY3s">https://www.youtube.com/watch?v=Lor8WKTJY3s</a>			
Migration alters allele frequency: <a href="https://www.youtube.com/watch?v=0nY_TaqVA4A">https://www.youtube.com/watch?v=0nY_TaqVA4A</a>			
Semester-1	Metagenesis in <i>Obelia</i>	PPT, PDF	
	Ecosystem	PPT, PDF	
	Semester-2	Larval forms in Echinodermata	PPT, PDF, YouTube
		Affinities with Chordates	PPT, PDF, YouTube
	Semester-3	Retgressive metamorphosis in <i>Acidia</i>	PPT, PDF
		Swim Bladder in Fishes	PPT, PDF
Terpenoids		PDF, YouTube	

  
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Dr. Saurabh Sarkar	Semester-4	Apiculture	PPT, PDF
		Renal Physiology	PPT, PDF, YouTube
	Semester-5	Heart	
		Human Karyotype	PPT, PDF
		Polygenic inheritance	PPT, PDF
		Genome	PPT, PDF
		Regulation of Eukaryotic transcription and gene silencing	PPT, PDF
	Semester-6	Development Biology Introduction	PPT, PDF, YouTube
		Gametogenesis: Spermatogenesis, Oogenesis	PPT, PDF, YouTube
		Types of eggs, Egg membranes	PPT, PDF, YouTube
Fertilization (External and Internal): Changes in gametes, Blocks to polyspermy		PPT, PDF, YouTube	
Planes and patterns of cleavage		PPT, PDF, YouTube	
Types of Blastula		PPT, PDF, YouTube	
Semester-6	Fate maps (including Techniques)	PPT, PDF, YouTube	
	Early development of frog up to gastrulation	PPT, PDF, YouTube	
	Early development of chick up to gastrulation	PPT, PDF, YouTube	
	Embryonic induction and organizers	PPT, PDF, YouTube	
	Hormonal Regulation of Parturition	PPT, PDF, YouTube	
	Oxytocin and Vesopressin		
		Extinction	PPT, PDF,
Own YouTube Channel Link: <a href="https://www.youtube.com/@drosophila5012/videos">https://www.youtube.com/@drosophila5012/videos</a>			
Departmental YouTube Channel: <a href="https://www.youtube.com/@departmentofzoologygushkar2040/videos">https://www.youtube.com/@departmentofzoologygushkar2040/videos</a>			
	Semester-1	General characteristics and Classification of Cnidaria upto order(CC1;unit4)	PPT & PDF
		Metagenesis in <i>Obelia sp.</i> (CC1;Unit4)	PPT & PDF
		Coral and coral reefs diversity , function and conservation (CC1;Unit4)	PPT & PDF
		Applied Ecology: conservation of Biodiversity: in situ & ex situ(CC2; Unit:5))	PPT & PDF

  
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Aparnita Nandi Roy		Management strategies of tiger conservation (CC2; Unit 5)	PPT & PDF	
	Semester-2	1) General characteristics and classification of phylum Annelida upto order(CC3;Unit2)	PPT & PDF	
		Excretion of Annelida through nephridia (CC3;Unit 2)	PPT & PDF	
		Water vascular system in Asterozoa(CC3;Unit6)	PPT & PDF	
		Basic structure of prokaryotic and Eukaryotic cells(CC4;Unit1)	PPT & PDF	
		Structure of virus, viroids, prions and mycoplasma (CC4; Unit1)	PPT & PDF	
		Accessory respiratory organs of fishes (CC5;Unit5)	PPT & PDF	
	Semester-3	Migration and parental care of fishes (CC5;Unit5)	PPT & PDF	
		Swim bladder in fishes (CC5; Unit 5)	PPT & PDF	
		Structure,location, function and classification of epithelial tissue (CC6; Unit 1)	PPT & PDF	
		Structure,location,function and classification of connective tissue (CC6;Unit1)	PPT & PDF	
		Structure,location, function and classification of muscular tissue (CC6;Unit1)	PPT & PDF	
		Structure,location, function and classification of nerve tissue (CC6;Unit1)	PPT & PDF	
		Histology and function of Pituitary gland (CC6;Unit6)	PPT & PDF	
		Histology and function of Thyroid gland(CC6; unit6)	PPT & PDF	
		Histology and function of Adrenal gland (CC6;unit6)	PPT & PDF	
		Histology and function of Pancreas ( CC6; Unit 6)	PPT & PDF	
		Lipid metabolism:beta oxidation of Fatty acids (CC7;Unit2)	PPT & PDF	
		Semester-4	Skeletal system: Jaw suspension in vertebrates (CC8; Unit2)	PPT & PDF
			Comparative anatomy of stomach (CC8;Unit3)	PPT & PDF
			Dentition in mammals(CC8;Unit 3)	PPT & PDF
	Structural organisation and function of gastrointestinal tract and associated glands.(CC9;Unit1)		PPT & PDF	
	Digestive enzymes (CC9, Unit 1)		PPT & PDF	
	Physiological classification based on Thermal Biology (CC9; Unit 5)		PPT & PDF	



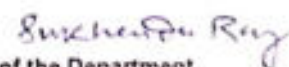
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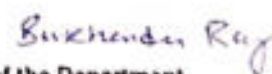
Aparnita Nandi Roy		Osmoregulation in aquatic vertebrates (CC9; Unit 5)	PPT & PDF
		B cell and T cell epitopes (CC10; Unit 3)	PPT & PDF
		Types, properties and function of Cytokines (CC10;Unit6)	PPT & PDF
	Semester-5	1) Structure of Watson Crick's model of DNA(CC11;Unit1)	PPT & PDF
		Polygenic inheritance (CC12;Unit 1)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity diagnosis,prophylaxis, treatment of <i>Giardia intestinalis</i> .(DSE2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity diagnosis,prophylaxis, treatment of <i>Trypanosoma gambiense</i> .(DSE 2; Unit 2)	PPT & PDF
		Study of morphology,life cycle, prevalence, epidemiology, pathogenicity, diagnosis,prophylaxis, treatment of <i>Leishmania donovani</i> . DSE2; Unit 2)	PPT & PDF
	Semester-6	Embryonic induction and organizers (CC13; Unit 2)	PPT & PDF
		Structure, types and function of placenta (CC13;Unit 3)	PPT & PDF
		Historical review of evolutionary concepts: Darwinism and Neodarwinism CC14; Unit 2)	PPT & PDF
		Role of melatonin (DSE 3;Unit5)	PPT & PDF
		General idea of endocrine system:classification and characteristics of hormones ( DSE 4; Unit 1)	PPT & PDF
		Structure, hormones, function of Thyroid gland ( DSE 4;Unit 3)	PPT & PDF
		Structure, hormones, function of Adrenal gland (DSE4; Unit 3)	PPT & PDF
	Semester-1	Ctenophora (CC1)	PPT, PDF
		Platyhelminthes (CC1)	PPT, PDF
Community(CC2)		PPT, PDF	



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K. S. Road, Purbu Bardhaman



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Poulomi Roy		Conservation (CC2)	PPT, PDF
	Semester-2	Annelida (CC3)	PPT, PDF
		Metamerism (CC3)	PPT, PDF
		Evolution of Coelom (CC3)	PPT, PDF
		Cell Division (CC4)	PPT, PDF
		Cell Signaling (CC4)	PPT, PDF
		Sense Organs (CC1B/2B/3B)	PPT, PDF
		Semester-3	Origins of Cordata(CC5)
	Bone & Cartilage(CC6)		PPT, PDF
	Enzymes(CC7)		PPT, PDF
	Biology of Bees(SEC1)		PPT, PDF
	Semester-4	Comparative Anatomy of Respiratory Systems(CC8)	PPT, PDF
		Physiology of Respiration(CC9)	PPT, PDF
		Immunology of Diseases & Vaccines(CC10)	PPT, PDF
		Extinctions(CC1D/2D/3D)	PPT, PDF
	Semester-5	DNA Replication(CC11)	PPT, PDF
		Mutations(CC12)	PPT, PDF
		G.M.O. (DSE1)	PPT, PDF
		Host-Parasite Interaction(DSE2)	PPT, PDF
	Semester-6	Gametogenesis & (CC13)	PPT, PDF
Fertilization (CC13)		PPT, PDF	
Population Genetics (CC14)		PPT, PDF	
Biological Rhythm (DSE3)		PPT, PDF	
Epiphysis, Hypothalamo-Hypophysial Axis (DSE4)		PPT, PDF	
Semester-1	Classification & Systematics (CC-1)	PPT	
	Taxonomic types (CC-1)	PPT	
	History of Biological Classification (CC-1)	PPT	
	Outline Classification and Evolutionary Origin of Subkingdom Protozoa (CC-1)	PPT	



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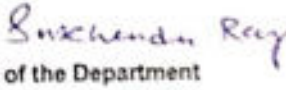
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Dr. Nabyendu Rakshit		Locomotory Organelles in Protozoa (CC-1)	PPT
		Life cycle and Pathogenicity of <i>Plasmodium vivax</i> (CC-1)	PPT
		Multicellular origin: benefit vs. risk(CC-1)	PPT
		Polymorphism in Coelenterata(CC-1)	PPT
		Metagenesis in <i>Obelia</i> sp.(CC-1)	PPT
		Population Ecology (CC-2)	PPT
		Exponential and logistic Population growth (CC-2)	PPT
		Interspecific Competition: Definition of a niche (CC-2)	PPT
		Population Regulation including Extinction and Risk Analysis(CC-2)	PPT
		Community Interactions and Diversity Index (CC-2)	PPT
		Structure and Composition of Community (CC-2)	PPT
		Ecological Succession (CC-2)	PPT
		Concept of Wild life Management and Actions (CC-2)	PPT
Dr. Nabyendu Rakshit	Semester-2	Social Organization in insects (CC-3)	PPT
		Larval Forms of Echinodermata and their Evolutionary Significance (CC-3)	PPT
		Overview of Virus, Viroid, Prion(CC-4)	PPT
		Structure and function of Endoplasmic reticulum(CC-4)	PPT
		Protein sorting and targeting(CC-4)	PPT
		Structure and function of Golgi body (CC-4)	PPT
		Structure and function of Lysosome (CC-4)	PPT
		Respiratory Chain and Oxidative Phosphorylation (CC-4)	PPT
		Nuclear transport through NPC (CC-4)	PPT
		Overview of Cell Signaling (CC-4)	PPT
Semester-3		Poison gland and biting mechanism in poisonous snakes (CC-5)	PPT
		Integumentary system in Human (Skin, Cutaneous glands, Hair, Nail) (CC-5)	PPT

  
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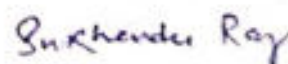
Dr. Nabyendu Rakshit		Echolocation in Bats (CC-5)	PPT
		Skeletal muscle structure & its contraction mechanism (CC-6)	PPT
		Nerve Cells and Nerve Impulses (CC-6)	PPT
		Structure and function of Amino Acids (CC-7)	PPT
		Levels of Protein Structure (CC-7)	PPT
		Overview of Amino Acid Metabolism including Urea cycle (CC-7)	PPT
	Semester-4	Comparative account of Vertebrate Brain and Cranial nerves in Mammals (CC-8)	PPT
		Integumentary System in Amphibians, Birds and Mammals (CC-8)	PPT
		ABO Blood Group System (CC-9)	PPT
		Osmoregulation in Aquatic Vertebrates (CC-9)	PPT
		Thermoregulation in Endotherms (CC-9)	PPT
		Cells involved in Immunity (CC-10)	PPT
		Primary and Secondary Lymphoid Organs (CC-10)	PPT
		Organization of Major Histocompatibility Complex (CC-10)	PPT
		Antigen Processing and Presentation (CC-10)	PPT
		CYTOKINES: Immune Communicator (CC-10)	PPT
	Semester-5	DNA Replication in Prokaryotes (CC-11)	PPT
		Telomere DNA Replication (CC-11)	PPT
		Transcription in Prokaryotes (CC-11)	PPT
		Gene Regulation in Prokaryotes ;Operon Concept (CC-11)	PPT
	Gene Regulation in Eukaryotes; Enhancer, Silencer, Activator, Repressor (CC-11)	PPT	
	Gene Silencing (CC-11)	PPT	
	Causes of DNA damage and DNA Repair System (CC-11)	PPT	
	Transposons (CC-12)	PPT	
	Complementation test in Bacteriophage (CC-12)	PPT	



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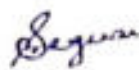
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		Restriction enzymes (DSE-1)	PPT	
		Vectors used in r-DNA technology (DSE-1)	PPT	
	<b>Semester-6</b>		Principles of Development (CC-13)	PPT
			Extra-embryonic Membranes in Birds (CC-13)	PPT
			Fate of the Different Germ Layers (CC-13)	PPT
			Types and Function of Placenta (CC-13)	PPT
			Origin of Life: Chemogeny (CC-14)	PPT
			Origin of Life: Biogeny (CC-14)	PPT
			Theories Of Evolution with special emphasis on Darwinism (CC-14)	PPT
			Mass Extinction: Reshaping the World Biodiversity (CC-14)	PPT
			Historical Review of Ethology (DSE-3)	PPT
			Homeostasis (DSE-4)	PPT
			Structure and Function of Thyroid Gland (DSE-4)	PPT
		<b>Video Lecture</b>		
<b>Dr. Nabyendu Rakshit</b>	<b>Own YouTube Channel link</b>			
		<b>Evolution lecture 1 (origin of life-Part 1):</b> <a href="https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh">https://www.youtube.com/watch?v=Ujwh8FT9UF8&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh</a>		
		<b>Evolution lecture 2(Origin of life- part- 2 (Biogeny)):</b> <a href="https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh&amp;index=5">https://www.youtube.com/watch?v=E1cWk7uo3cA&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh&amp;index=5</a>		
		<b>Theories of Evolution 1</b> <a href="https://www.youtube.com/watch?v=zCQq_awR26Q&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh&amp;index=6">https://www.youtube.com/watch?v=zCQq_awR26Q&amp;list=PLsh4111x9IHARfdBPWYeCE0MVvmG7RMh&amp;index=6</a>		



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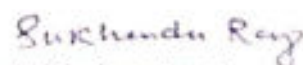


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Year-2018-19

Summary sheet of ICT mode of Learning of Department of Zoology

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT metho(PPT, PDF, Video Lecture etc.)
Dr. Manas Prahmanik	Semester-1	Metagenesis in <i>Obelia</i>	PPT, PDF
		Ecosystem	PPT, PDF
	Semester-3	Retrogressive metamorphosis in <i>Acidia</i>	PPT, PDF
		Swim Bladder in Fishes	PPT, PDF
		Terpenoids	PDF
		Apiculture	PPT, PDF
Aparnita Nandi Roy	Semester-1	General characteristics and Classification of Cnidaria upto order(CC1;unit4)	PPT & PDF
		Metagenesis in <i>Obelia</i> sp. (CC1;Unit4)	PPT & PDF
		Coral and coral reefs diversity , function and conservation (CC1;Unit4)	PPT & PDF
		Applied Ecology: conservation of Biodiversity: in situ & ex situ(CC2; Unit:5))	PPT & PDF
		Management strategies of tiger conservation (CC2; Unit 5)	PPT & PDF
	Semester-2	1) General characteristics and classification of phylum Annelida upto order(CC3;Unit2)	PPT & PDF
		Excretion od Annelida through nephridia (CC3;Unit 2)	PPT & PDF
		Water vascular system in Asteroidea(CC3;Unit6)	PPT & PDF
		Basic structure of prokaryotic and Eukaryotic cells(CC4;Unit1)	PPT & PDF
		Structure of virus, virions, prions and mycoplasma (CC4; Unit1)	PPT & PDF
		Accessory respiratory organs of fishes (CC5;Unit5)	PPT & PDF
		Migration and parental care of fishes (CC5;Unit5)	PPT & PDF
		Swim bladder in fishes (CC5; Unit 5)	PPT & PDF

  
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Aparnita Nandi Roy	Semester-3	Structure,location, function and classification of epithelial tissue (CC6; Unit 1)	PPT & PDF
		Structure,location,function and classification of connective tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of muscular tissue (CC6;Unit1)	PPT & PDF
		Structure,location, function and classification of nerve tissue (CC6;Unit1)	PPT & PDF
		Histology and function of Pituitary gland (CC6;Unit6)	PPT & PDF
		Histology and function of Thyroid gland(CC6; unit6)	PPT & PDF
		Histology and function of Adrenal gland (CC6;unit6)	PPT & PDF
		Histology and function of Pancreas ( CC6; Unit 6)	PPT & PDF
	Semester-4	Lipid metabolism:beta oxidation of Fatty acids (CC7;Unit2)	PPT & PDF
		Skeletal system: Jaw suspension in vertebrates (CC8; Unit2)	PPT & PDF
		Comparative anatomy of stomach (CC8;Unit3)	PPT & PDF
		Dentition in mammals(CC8;Unit 3)	PPT & PDF
		Structural organisation and function of gastrointestinal tract and associated glands.(CC9;Unit1)	PPT & PDF
		Digestive enzymes (CC9; Unit 1)	PPT & PDF
		Physiological classification based on Thermal Biology (CC9; Unit 5)	PPT & PDF
		Osmoregulation in aquatic vertebrates (CC9; Unit 5)	PPT & PDF
		B cell and T cell epitopes (CC10; Unit 3)	PPT & PDF
		Types, properties and function of Cytokines (CC10;Unit6)	PPT & PDF
	3 <sup>rd</sup> year	Biodiversity: Definition, levels, values, ... etc. (P-IX-IA)	PPT & PDF
		Energy Flow through trophic levels ... etc. (P-IX-IB)	PPT & PDF
		Population Dynamics: Natality & Mortality etc. (P-IX-IB)	PPT & PDF
Pituitary: Hormone & Functions + other glands (P-X-IIB)		PPT & PDF	
		Locomotory organs and their special features in Protozoa (CC1; Unit-2)	PPT & PDF
		Process of Conjugation in <i>Paramecium</i> . (CC1; Unit-2)	PPT & PDF
		Life cycle and pathogenicity of <i>Plasmodium vivax</i> . (CC1; Unit-2)	PPT & PDF



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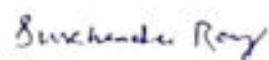
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Dr. Sukhendu Roy	Semester-1	Life cycle and pathogenicity of <i>Entamoeba histolytica</i> . (CC1; Unit-2)	PPT & PDF
		Lifecycle of <i>Fasciola hepatica</i> (CC1; Unit-6)	PPT & PDF
		Lifecycle of <i>Taenia solium</i> (CC1; Unit-6)	PPT & PDF
		Linear and Y-shaped food chains (CC2; Unit-4)	PPT & PDF
		Nutrient and biogeochemical cycle with an example of Nitrogen cycle (CC2; Unit-4)	PPT & PDF
		Discuss Population Interactions & different types of population interaction like Neutralism, Amensalism, Commensalism etc. & their effect on diff population, result of interaction & example. (CC2; Unit-2)	PPT & PDF
		Discuss overview & mathematical derivation & significance of Lotka-Volterra equation for competition. (CC2; Unit-2)	PPT, PDF & video lecture
	Semester-2	Mechanism of insect vision. (CC3; Unit-3)	PPT
		Hormonal regulation in Complete metamorphosis in Lepidopteran insects (CC3; Unit-3)	PPT
		Mechanism of respiration with Gills in prawn. (CC3; Unit-3)	PPT
		Mechanism of respiration with trachea in Cockroach. (CC3; Unit-3)	PPT
		Transport across membrane through Active transport & Passive transport. (CC4; Unit-2)	PPT & video lecture
		Cell junctions: Tight junctions and Gap junctions. (CC4; Unit-2)	
		Cell signalling transduction pathways; Types of signalling molecules. (CC4; Unit-8)	PPT
		Detailed discussion on GPCR & second messenger (cAMP). (CC4; Unit-8)	PPT
		Mechanism of Apoptosis pathway and role of Caspases (CC4; Unit-8)	PPT
		Cell cycle and its regulation (Cyclin-CDK regulation) (CC4; Unit-7)	PPT
		Cancer & its properties; Concept of oncogenes; tumor suppressor genes with special reference to p53, Retinoblastoma and Ras and APC. (CC4; Unit-7)	PPT
	Retrogressive metamorphosis in Ascidia. (CC5; Unit-2)	PPT	



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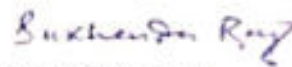
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Dr. Sukhendu Roy	Semester-3	Metamorphosis in Amphibia. (CC5; Unit-6)	PPT
		Parental care in Amphibia. (CC5; Unit-6)	PPT
		Exoskeleton and migration in Birds. (CC5; Unit-8)	PPT
		Exoskeleton derivatives of mammals. (CC5; Unit-9)	PPT
		Origin of action potential and its propagation across the myelinated and unmyelinated nerve fibers. (CC6; Unit-3)	PPT
		Synaptic transmission. (CC6; Unit-3)	PPT
		Mechanism of Hormone action: Signal transduction pathways for Steroidal & Nonsteroidal hormones. (CC6; Unit-6)	PPT
		Hormonal regulation of ovarian cycle. (CC6; Unit-5)	PPT
		Mechanism of Glycolysis; with structural modification (CC7; Unit-1)	PPT
		Mechanism of Citric acid cycle with structural modification (CC7; Unit-1)	PPT
		Mechanism of Pentose phosphate pathway, with structural modification (CC7; Unit-1)	PPT
		Enzyme kinetics (CC7; Unit-5)	PPT
	Semester-4	Axial skeleton & appendicular skeleton. (CC8; Unit-2)	PPT
		Comparative account of heart in different vertebrates. (CC8; Unit-5)	PPT
		Comparative account of aortic arches in different vertebrates. (CC8; Unit-5)	PPT
		Blood clotting system & mechanism of blood clotting-Extrinsic pathway & Intrinsic pathway (CC9; Unit-3)	PPT
		Mechanical and chemical digestion of food. (CC9; Unit-9)	PPT
		Absorption of Carbohydrates, Lipids, Proteins and Nucleic Acids. (CC9; Unit-9)	PPT
		Mechanism of urine formation. (CC9; Unit-6)	PPT
		Regulation of acidbase balance. (CC9; Unit-6)	PPT
Structure and functions of MHC-1 molecules & MHC-II & supporting molecules. (CC10; Unit-6)		PPT	
Pathways of complement activation. (CC10; Unit-7)		PPT	




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Dr. Sukhendu Roy	3 <sup>rd</sup> Year	Hypersensitive reaction. (CC10; Unit-8)	PPT
		DNA Replication - Semi-conservative ... etc. (P-X-IA)	PPT
		Transcription in <i>Escherichia coli</i> . (P-X-IA)	PPT
		Concept of Genetic Code. (P-X-IA)	PPT
		Translation in <i>E. coli</i> - Mechanism & Factors (P-X-IA)	PPT
		Immunoglobulin classification (P-X-IB)	PPT
		Basic Structures of Antigen & Antibody (P-X-IB)	PPT
		DNA Replication - Semi-conservative ... etc. (P-X-IA)	PPT
		Transcription in <i>Escherichia coli</i> . (P-X-IA)	PPT
Dr. Nabyendu Rakshit	Semester-1	Concept of Genetic Code. (P-X-IA)	PPT
		Classification & Systematics (CC-1)	PPT
		Taxonomic types (CC-1)	PPT
		History of Biological Classification (CC-1)	PPT
		Outline Classification and Evolutionary Origin of Subkingdom Protozoa (CC-1)	PPT
		Locomotor Organelles in Protozoa (CC-1)	PPT
		Life cycle and Pathogenicity of <i>Plasmodium vivax</i> (CC-1)	PPT
		Multicellular origin: benefit vs. risk(CC-1)	PPT
		Polymorphism in Coelenterata(CC-1)	PPT
		Metagenesis in <i>Obelia</i> sp.(CC-1)	PPT
		Population Ecology (CC-2)	PPT
		Exponential and logistic Population growth (CC-2)	PPT
		Interspecific Competition: Definition of a niche (CC-2)	PPT
		Population Regulation including Extinction and Risk Analysis(CC-2)	PPT
		Community Interactions and Diversity Index (CC-2)	PPT
Structure and Composition of Community (CC-2)	PPT		
Ecological Succession (CC-2)	PPT		



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Dr. Nabyendu Rakshit		Concept of Wild life Management and Actions (CC-2)	PPT
	Semester-2	Social Organization in insects (CC-3)	PPT
		Larval Forms of Echinodermata and their Evolutionary Significance (CC-3)	PPT
		Overview of Virus, Viroid, Prion(CC-4)	PPT
		Structure and function of Endoplasmic reticulum(CC-4)	PPT
		Protein sorting and targeting(CC-4)	PPT
		Structure and function of Golgi body (CC-4)	PPT
		Structure and function of Lysosome (CC-4)	PPT
		Respiratory Chain and Oxidative Phosphorylation (CC-4)	PPT
		Nuclear transport through NPC (CC-4)	PPT
		Overview of Cell Signaling (CC-4)	PPT
	Semester-3	Poison gland and biting mechanism in poisonous snakes (CC-5)	PPT
		Integumentary system in Human (Skin, Cutaneous glands, Hair, Nail) (CC-5)	PPT
		Echolocation in Bats (CC-5)	PPT
		Skeletal muscle structure & its contraction mechanism (CC-6)	PPT
		Nerve Cells and Nerve Impulses (CC-6)	PPT
		Structure and function of Amino Acids (CC-7)	PPT
		Levels of Protein Structure (CC-7)	PPT
	Overview of Amino Acid Metabolism including Urea cycle (CC-7)	PPT	
	Semester-4	Comparative account of Vertebrate Brain and Cranial nerves in Mammals (CC-8)	PPT
		Integumentary System in Amphibians, Birds and Mammals (CC-8)	PPT
ABO Blood Group System (CC-9)		PPT	
Osmoregulation in Aquatic Vertebrates (CC-9)		PPT	
Thermoregulation in Endotherms (CC-9)		PPT	
Cells involved in Immunity (CC-10)		PPT	



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Dr. Nabyendu Rakshit		Primary and Secondary Lymphoid Organs (CC-10)	PPT
		Organization of Major Histocompatibility Complex (CC-10)	PPT
		Antigen Processing and Presentation (CC-10)	PPT
		CYTOKINES: Immune Communicator (CC-10)	PPT
	3 <sup>rd</sup> year	Methods of Sampling (P-IX-IC)	PPT
		Measures of Central Tendency - problem solv (P-IX-IC)	PPT
		General idea of Probability. (P-IX-IC)	PPT
		Brief descriptions of Major Endocrine disorders in Human ... (P-X-IIB)	PPT



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Summary sheet of ICT mode of Learning of Department of Sanskrit  
2018-19

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Monimala Mondal	Semester - I	Definition & Classification of Kavya in Sanskrit Literature (CC-1)	PPT
		Introduction to Kirātājūnīyam (CC-1)	PPT
		Style of Bhāravi (CC-1)	PPT
		Introduction of Indian Philosophy (CC-2)	PPT
	Semester - II	Introduction to Literature wsr to Sanskrit Literature: Forms and Types of Literature (CC-3)	PPT
		Introduction to Kādamvarī (CC-3)	PPT
		Style of Bānabhatta (CC-3)	PPT & PDF
	Semester - III	Sanskrit Drama (CC-5)	PPT
		Kālidāsa (CC-5)	PPT
		Stage Management (CC-5)	PPT
		Few Video Clippings of performance of Drama Abhijñānaśakuntalam (CC-5)	AUDIO & VIDEO
		Character of Duśmanta and Śakuntalā (CC-5)	PPT & PDF
		Which is the better 4 <sup>th</sup> or 5 <sup>th</sup> Act: A Comparative Analysis (CC-5)	PPT & PDF
	Semester - IV	William Jones (CC-10)	PPT & PDF
		Max Muller (CC-10)	PPT & PDF
		Charles Wilkins (CC-10)	PPT & PDF
		J.G. Bhuler (CC-10)	PPT & PDF
Haridasa Siddhantavagisa (CC-10)		PPT & PDF	
Samiran Ray	Semester - I	"Buddhist Mahakavi" Asvaghosa and his Kavyas (CC-1)	PPT
		"Mahakavi" Kalidasa and His Kavyas (CC-1)	PPT
		Topics in Sanskrit Grammar (CC-2)	PPT
		Paninian Grammarians and Their Works (CC-2)	PPT & PDF
		Grammarians of the Paninian Sect and Their Grammar (CC-2)	PPT & PDF
	Semester - II	Introduction to "ADHUNIK JANAJIBONE BHAGAVADGĪTĀH PRASANGIKATA" (CC-4)	PPT & PDF
		Description on Various types of Jyagnas (CC-4)	PPT
	Semester - III	Introduction to "Kautilya's Arthasastra" (CC-7)	PPT
		Explanation on "DŪTAPRAṆIDHI" (CC-7)	PPT
		Practice on Brahmi Scripts Writing (SEC-1)	PPT
		Video of Shakuntalam Movie (GE/CC-3)	AUDIO & VIDEO

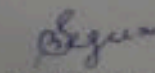


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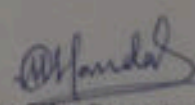


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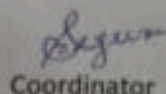
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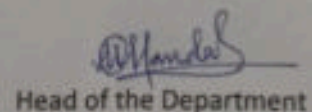
	Semester - IV	Discussion on the Scope and Significance of Epigraphy in Ideological Studies (CC-8)	PPT & PDF
		Survey of Inscription by Form and Materials (CC-8)	PPT & PDF
		General Survey on Inscriptions (CC-8)	PPT
		Epigraphists Role on Decipherments of Indian Epigraphy (CC-8)	PPT & PDF
		Communications in Daily Life in Sanskrit (SEC-2)	PPT
Ruma Roy	Semester - I	Introduction (HCC-1)	PPT
		Vedic Literature Period, Mahakavya period	PPT
		Age of Indian Classical Literature	PPT
		Structure of Kavya	PPT
		Introduction to Mahakavi Kalidasa and Raghuvamsa	PPT
	Semester - II	Introduction (HCC-3)	PPT
		Classification of Sanskrit Literature: Gadyakavya (Vedic to Classical Period) [HCC-3]	PPT
		Introduction to Prose & Dandin (HCC-3)	PPT
		Introduction (HCC-3)	PPT
	Semester - IV	Introduction to Epigraphy (CC-8)	PPT
		Classification of Silalekh and Discussion About All Silalekhs (CC-8)	PPT
		Introduction to Rudradaman (CC-8)	PPT & PDF
		Introduction of Rudradaman Silalekh Inscription (CC-8)	PPT
		Introduction of Mehrauli Iron Pillar Inscription (CC-8)	PPT & PDF
		Introduction of Chandra (CC-8)	PPT & PDF
	Indrani Laha	Semester-I	A Brief Discussion upon Sanskrit Classical Literature (CC-1)
A Brief Discussion on Author (Kalidasa) and Analytical Thoughts upon Raghuvamsam Canto-14 <sup>th</sup> (verse-31-68) (CC-1)			PPT
Semester-II		A Brief Introduction About of Sanskrit Prose Kavyas (CC-2)	PPT
		A Brief Discussion About Dasakumaracharita (CC-2)	PPT
Semester-III		An Introduction About Sanskrit Drama (CC-3)	PPT
		Discussion About on Abhijanasakuntala (CC-3)	PPT
		An Introduction About Yoga (SEC-1)	PPT
Semester-IV		An Introduction About Sanskrit Grammar (CC-4)	PPT
		Discussion About Various Baiyakaranas (CC-4)	PPT
		Introduction About Declensions (SEC-2)	PPT
Aparna Ghosh	Semester - I	Introduction to Ramayana (CC-2)	PPT
		Introduction to Mahabharata (CC-2)	PPT
		Classification of the Puranas (CC-2)	PPT

  
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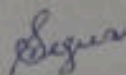
  
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	Semester - II	Period of Composition of the Puranas (CC-2)	PPT
		Content of the Puranas (CC-2)	PPT
		Summary of the Gita (CC-4)	PPT
		Chapter III, Slokas 36-38 (CC-4)	PPT
		Chapter III, Slokas 39-40 (CC-4)	PPT
	Semester - III	Classification of Alamkara (CC-6)	PPT
		Concept of Some a-karanta Sabdarupa (SEC-1)	PPT
		Concept of Some Dhaturupa (SEC-1)	PPT
	Semester - VI	Content of the Puranas (GDSE-1)	PPT
		Discussion of the Sutras of Karaka	PPT
Ramkrishna Maitra	Semester - I	Introduction (CC-2)	PPT
		Classification of Veda (CC-2)	PPT
		Vedic Accent (CC-2)	PPT
		Structure of Veda (CC-2)	PPT
		'Vedic Devatas' (CC-2)	PPT
	Semester - II	Subandhu & His Work (CC -3)	PPT
		Banabhatta & His Work (CC -3)	PPT
		Panchatantra of Vishnusharma (CC -3)	PPT
		Hitapodesh of Narayanasharma (CC -3)	PPT
	Semester - II	Kalidas and His Works (CC-5)	PPT
		Sudraka & His Work (CC-5)	PPT
	Semester - IV	Introduction of "CHIPITAKCHARVANAM" (CC-9)	PPT
		Identification of Author (CC-9)	PPT
		Content of the Prahasana (CC-9)	PPT
	Sanjoy Jyoti	Semester - I	A Brief Discussion upon Sanskrit Classical Literature of Mahakavya (CC-1)
Style of Bharavi and an Analytical Thoughts upon Kiratarjuniyam (CC-1)			PPT
Semester - II		A Brief Introduction About History of Sanskrit Prose (CC-2)	PPT & PDF
		An Analytical Thoughts upon Sanskrit Historical Kavyas (CC-2)	PPT & PDF
Semester - III		An Introduction About History of Sanskrit Drama (CC-3)	PPT
		Discussion About on Various Dramatists and Drama (CC-3)	PPT
		An Analysis of Yoga Sutra According to Patanjali (SEC-1)	PPT
Semester - IV		Discussion on Causative Verbs, Desiderative Verbs and Frequentative Verbs (CC-4)	PPT
		Discussion on use of ktva and lyap (CC-4)	PPT
		Discussion on Bhu, Path, Gam, Drs, Sev etc. (SEC-2)	PPT



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**Summary sheet of ICT mode of Learning of Department of Sanskrit**  
**2019-20**

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Monimala Mondal	Semester - I	Definition & Classification of Kavya in Sanskrit Literature (CC-1)	PPT
		Introduction to Kirātājuniyam (CC-1)	PPT
		Style of Bhāravi (CC-1)	PPT
		Introduction of Indian Philosophy (CC-2)	PPT
	Semester - II	Introduction to Literature wsr to Sanskrit Literature: Forms and Types of Literature (CC-3)	PPT
		Introduction to Kādamvari (CC-3)	PPT
		Style of Bānabhatta (CC-3)	PPT & PDF
	Semester - III	Sanskrit Drama (CC-5)	PPT
		Kālidāsa (CC-5)	PPT
		Stage Management (CC-5)	PPT
		Few Video Clippings of performance of Drama Abhijñānaśakuntalam (CC-5)	AUDIO & VIDEO
		Character of Duṣmanta and Śakuntalā (CC-5)	PPT & PDF
		Which is the better 4 <sup>th</sup> or 5 <sup>th</sup> Act: A Comparative Analysis (CC-5)	PPT & PDF
	Semester - IV	William Jones (CC-10)	PPT & PDF
		Max Muller (CC-10)	PPT & PDF
		Charles Wilkins (CC-10)	PPT & PDF
	Semester - V	Atmatattva according to Īsopaniṣad (CC-11)	PPT
		Introduction to Sāhityadarpaṇa (DSE-1)	PPT
		Prastāvanā (DSE-1)	PPT
	Semester - VI	Features of Brahma according to Vedāntasāra (CC-13)	PPT
		Discussion of Pañcikaraṇam (CC-13)	PPT & PDF
Maṅgalācaraṇam of Tarkasaṃgraha		PPT	
Brief Discussion of Sannikarṣa		PPT	
Samiran Ray	Semester - I	"Buddhist Mahakavi" Asvaghosa and His Kavyas (CC-1)	PPT
		"Mahakavi" Kalidasa and His Kavyas (CC-1)	PPT
		Topics in Sanskrit Grammar (CC-2)	PPT
		Paninian Grammarians and their Works (CC-2)	PPT & PDF
		Grammarians of the Paninian Sect and their Grammar (CC-2)	PPT & PDF
	Semester - II	Introduction to "ADHUNIK JANAJIBONE	PPT & PDF

  
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		Grammarians of the PaninianSect and their Grammar(CC-2)	PPT & PDF
Semester - II		Introductionto "ADHUNIKJANA JIBONE BHAGAVADGĪTĀH PRASANGIKATA" (CC-4)	PPT & PDF
		Description on Various types of Jyagnas(CC-4)	PPT
Semester - III		Introduction to "Kautilya'sArthasastra" (CC-7)	PPT
		Explanation on "DŪTAPRANĪDHI"(CC-7)	PPT
		PracticeonBrahmi Scripts Writing (SEC-1)	PPT
		Video of Shakuntalam Movie (GE/CC-3)	AUDIO&VIDEO
Semester - IV		Discussion on the Scope and Significance of Epigraphy in Ideological Studies (CC-8)	PPT & PDF
		Survey of inscription by Form and Materials(CC-8)	PPT & PDF
		General Survey on Inscriptions(CC-8)	PPT
		Epigraphists Role on Decipherments of Indian Epigraphy (CC-8)	PPT & PDF
		Communications in Daily Life in Sanskrit (SEC-2)	PPT
Semester - V		Elements of Linguistics (DSE-2)	PPT
		Division of Indo-European (DSE-2)	PPT
		Non-Aryan Influence on Sanskrit(DSE-2)	PPT & PDF
Semester - VI		A Brief Discussion on Taittirīyopaniṣad- Bhṛguballī(1-3) (DSE-3)	PDF
		A Brief Discussion on Karmayogaha (DSE-4)	PDF
Ruma Roy	Semester - I	Introduction (HCC-1)	PPT
		Vedic Literature Period, Mahakavya Period	PPT
		Age of Indian Classical Literature	PPT
		Structure of Kavya	PPT
		Introduction to MahakaviKalidasa and Raghuvamsa	PPT
	Semester - II	Introduction (HCC-3)	PPT
		Classification of Sanskrit Literature: Gadyakavya(Vedic to Classical Period) [HCC-3]	PPT
		Introduction to Prose &Dandin(HCC-3)	PPT
		Introduction (HCC-3)	PPT
	Semester - IV	Introduction to Epigraphy (CC-8)	PPT
		Classification of Silalekhand Discuss About All Silalekhs (CC-8)	PPT
		Introduction to Rudradaman(CC-8)	PPT & PDF
		Introduction of RudradamanSilalekhInscription (CC-8)	PPT
		Introduction of Meharaulilron Pillar Inscription (CC-8)	PPT &PDF
		Introduction of Chandra (CC-8)	PPT & PDF
	Semester - V	Introduction of Sanskrit Grammar (CC-12)	PPT
		Identification of Panini (CC-12)	PPT

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		Concept of Astanga Ayurveda (DSE-3)	PPT
Indrani Laha	Semester-I	A Brief Discussion upon Sanskrit Classical Literature (CC-1)	PPT
		A Brief Discussion on Author (Kalidasa) and Analytical Thoughts upon Raghuvamsam Canto-14 <sup>th</sup> (Verse-31-68) (CC-1)	PPT
	Semester-II	A Brief Introduction About of Sanskrit Prose Kavya (CC-2)	PPT
		A Brief Discussion About Dasakumaracharita (CC-2)	PPT
	Semester-III	An Introduction About Sanskrit Drama (CC-3)	PPT
		Discussion About on Abhijanasakuntala (CC-3)	PPT
		An Introduction About Yoga (SEC-1)	PPT
	Semester-IV	An Introduction About Sanskrit Grammar (CC-4)	PPT
		Discussion About Various Baiyakarana (CC-4)	PPT
		Introduction About Declensions (SEC-2)	PPT
	Semester-V	Introduction on Sanskrit Literature and Variety (DSE-1)	PPT
		Discuss About the Concept of the History of Vedic Literature (DSE-1)	PPT
		Introduction on Variety of Sanskrit Literature (SEC-3)	PPT
		Introduction on Arthasastra (GE-1)	PPT
		Discuss About Author Kautilya (GE-1)	PPT
	Semester-VI	Discuss on Various Alamkara (DSE-2)	PPT
		Introduction About Alamkara (DSE-2)	PPT
		Discussion on Author Bhasa (SEC-4)	PPT
		Introduction About Kavya (GE-2)	PPT
		Discuss on Tales and Fables (GE-2)	PPT
Aparna Ghosh	Semester - I	Introduction to Ramayana (CC-2)	PPT
		Introduction to Mahabharata (CC-2)	PPT
		Classification of the Puranas (CC-2)	PPT
		Period of Composition of the Puranas (CC-2)	PPT
		Content of the Puranas (CC-2)	PPT
	Semester - II	Summary of the Gita (CC-4)	PPT
		Chapter III, Slokas 36-38 (CC-4)	PPT
		Chapter III, Slokas 39-40 (CC-4)	PPT
	Semester - III	Classification of Alamkara (CC-6)	PPT
		Concept of Some a-karanta Sabdarupa (SEC-1)	PPT
		Concept of Some Dhaturupa (SEC-1)	PPT
	Semester - IV	Discussion of Few Short Stories (CC-9)	PPT
		Discussion of Few Historical Dramas (CC-9)	PPT
	Semester - V	Classification of Samasa (CC-12)	PPT
		Classification of the Puranas (GDSE-1)	PPT
		Period of Composition of the Puranas (GDSE-1)	PPT
		Content of the Puranas (GDSE-1)	PPT
	Semester - VI	Content of the Puranas (GDSE-1)	PPT
		Discussion of the Sutras of Karaka	PPT

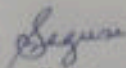


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Ramkrishna Maitra	Semester - I	Introduction (CC-2)	PPT
		Classification of Veda (CC-2)	PPT
		Vedic Accent (CC-2)	PPT
		Structure of Veda (CC-2)	PPT
		'Vedic Devatas' (CC-2)	PPT
	Semester - II	Subandhu & His Work (CC -3)	PPT
		Banabhatta & His Work (CC -3)	PPT
		Panchatantra of Vishnusharma (CC -3)	PPT
		Hitapodesh of Narayanasharma (CC -3)	PPT
	Semester - II	Kalidas and His Works (CC-5)	PPT
		Sudraka & His Work (CC-5)	PPT
	Semester - IV	Introduction of "CHIPITAKCHARVANAM" (CC-9)	PPT
		Identification of Author (CC-9)	PPT
		Content of the Prahasana (CC-9)	PPT
	Semester - V	Introduction of Rigveda Samhita (CC -11)	PPT
		The Vedic Accent (CC -11)	PPT
		Samhita-patha to Pada-patha (CC -11)	PPT
	Semester - VI	Introduction the Yogasutra of Patanjali (DSE-4)	PPT
Astangayoga (DSE 4)		PPT	
'Yama' (DSE 4)		PPT	
'Niyama' (DSE 4)		PPT	
'Pranayama' (DSE 4)		PPT	
'Aasanam' (DSE 4)		PPT	
Sanjoy Jyoti	Semester - I	A Brief Discussion upon Sanskrit Classical Literature of Mahakavya (CC-1)	PPT
		Style of Bharavi and an Analytical Thoughts upon Kiratarjuniyam (CC-1)	PPT
	Semester - II	A Brief Introduction About History of Sanskrit Prose (CC-2)	PPT & PDF
		An Analytical Thoughts upon Sanskrit Historical Kavyas (CC-2)	PPT & PDF
	Semester - III	An Introduction About History of Sanskrit Drama (CC-3)	PPT
		Discussion About on Various Dramatists and Drama (CC-3)	PPT
		An Analysis of Yoga Sutra According to Patanjali (SEC-1)	PPT
	Semester - IV	Discussion on Causative Verbs, Desiderative Verbs and Frequentative Verbs (CC-4)	PPT
		Discussion on Use of Ktva and Lyap (CC-4)	PPT
		Discussion on Bhv, Path, Gam, Drs, Sev etc. (SEC-2)	PPT
	Semester - V	An Interpretation of Purana and Analysis on Kinds of Purana (DSE-1)	PPT

  
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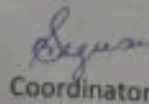
  
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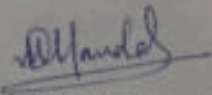
Semester - VI	Concept of Mahapurana (DSE-1)	PPT
	A Brief Discussion on Historical Kavyas (SEC-3)	PPT
	Discussion on Upayacatustya in Manusamhita (GE-1)	PPT
	Concept of Various Meters According to Syllabus (DSE-2)	PPT
	Introduction of Sanskrit Meters (DSE-2)	PPT
	A Brief Discussion on Fables (SEC-4)	PPT
	Discussion on Moral Values in Hitopadesa (GE-2)	PPT



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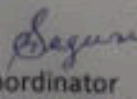
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Summary sheet of ICT mode of Learning of Department of Sanskrit  
2020-21

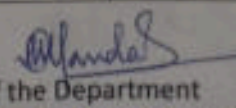
Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Monimala Mondal	Semester - I	Definition & Classification of Kavya in Sanskrit Literature (CC-1)	PPT
		Introduction to Kirātājuniyam (CC-1)	PPT
		Style of Bhāravi (CC-1)	PPT
		Introduction of Indian Philosophy (CC-2)	PPT
	Semester - II	Introduction to Literature wsr to Sanskrit Literature: Forms and Types of Literature (CC-3)	PPT
		Introduction to Kādamvarī (CC-3)	PPT
		Style of Bānabhatta (CC-3)	PPT & PDF
	Semester - III	Sanskrit Drama (CC-5)	PPT
		Kālidāsa (CC-5)	PPT
		Stage Management (CC-5)	PPT
		Few Video Clippings of Performance of Drama Abhijñānaśakuntalam (CC-5)	AUDIO & VIDEO
		Character of Duṣmanta and Śakuntalā (CC-5)	PPT & PDF
		Which is Better? 4 <sup>th</sup> Or 5 <sup>th</sup> Act: A Comparative Analysis (CC-5)	PPT & PDF
	Semester - IV	William Jones (CC-10)	PPT & PDF
		Max Muller (CC-10)	PPT & PDF
		Charles Wilkins (Cc-10)	PPT & PDF
	Semester - V	Atmatattva According to Īsopaniṣad (CC-11)	PPT
		Introduction to Sāhityadarpaṇa (DSE-1)	PPT
		Prastāvanā (DSE-1)	PPT
	Semester - VI	Features of Brahma According to Vedāntasāra (CC-13)	PPT
Discussion of Pañcīkaraṇam (CC-13)		PPT & PDF	
Maṅgalācaraṇm of Tarkasaṃgraha		PPT	
Brief Discussion of Sannikarṣa		PPT	
Samiran Ray	Semester - I	"Buddhist Mahakavi" Asvaghosa and His Kavyas (CC-1)	PPT
		"Mahakavi" Kalidasa and His Kavyas (CC-1)	PPT
		Topics in Sanskrit Grammar (CC-2)	PPT
		Paninian Grammarians and Their Works (CC-2)	PPT & PDF
		Grammarians of the Paninian Sect and Their Grammar (CC-2)	PPT & PDF

  
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Ruma Roy	Semester - II	Introduction to "ADHUNIK JANAJIBONE BHAGAVADGĪTĀH PRASANGIKATA" (CC-4)	PPT & PDF
		Description on Various Types of Jyagnas (CC-4)	PPT
	Semester - III	Introduction to "Kautilya's Arthasastra" (CC-7)	PPT
		Explanation on "DŪTAPRAṆIDHI"(CC-7)	PPT
		Practice on Brahmi Scripts Writing (SEC-1)	PPT
		Video of Shakuntalam Movie (GE/CC-3)	AUDIO & VIDEO
	Semester - IV	Discussion on the Scope and Significance of Epigraphy in Ideological Studies (CC-8)	PPT & PDF
		Survey of Inscription by Form and Materials (CC-8)	PPT & PDF
		General Survey on Inscriptions(CC-8)	PPT
		Epigraphists Role on Decipherments of Indian Epigraphy (CC-8)	PPT & PDF
		Communications in Daily Life in Sanskrit (SEC-2)	PPT
	Semester - V	Elements of Linguistics (DSE-2)	PPT
		Division of Indo-European (DSE-2)	PPT
		Non-Aryan Influence on Sanskrit (DSE-2)	PPT & PDF
	Semester - VI	A Brief Discussion on Taittirīyopaniṣad – Bhṛguballī (1-3) (DSE-3)	PDF
		A Brief Discussion on Karmayogaha (DSE-4)	PDF
	Semester - I	Introduction (HCC-1)	PPT
		Vedic Literature Period, Mahakavya Period	PPT
		Age of Indian Classical Literature	PPT
		Structure of Kavya	PPT
Introduction to Mahakavi Kalidasa and Raghuvamsa		PPT	
Semester - II	Introduction (HCC-3)	PPT	
	Classification of Sanskrit Literature: Gadyakavya (Vedic to Classical Period) [HCC-3]	PPT	
	Introduction to Prose & Dandin (HCC-3)	PPT	
	Introduction (HCC-3)	PPT	
Semester - IV	Introduction to Epigraphy (CC-8)	PPT	
	Classification of Silalekh and Discuss About All Silalekhs (CC-8)	PPT	
	Introduction to Rudradaman (CC-8)	PPT & PDF	
	Introduction of Rudradaman Silalekh Inscription (CC-8)	PPT	
	Introduction of Mehrauli Iron Pillar Inscription (CC-8)	PPT & PDF	
Semester - V	Introduction of Chandra (CC-8)	PPT & PDF	
	Introduction of Sanskrit Grammar (CC-12)	PPT	
	Identification of Panini (CC-12)	PPT	
Semester - VI	Concept of the Samjnas (CC-12)	PPT	
	Introduction of Ayurveda (DSE-3)	PPT	

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		Source of Ayurveda (DSE-3)	
		Concept of Astanga Ayurveda (DSE-3)	PPT
Indrani Laha	Semester-I	A Brief Discussion upon Sanskrit Classical Literature (CC-1)	PPT
		A Brief Discussion on Author (Kalidasa) and Analytical Thoughts upon Raghuvamsam Canto-14 <sup>th</sup> (Verse-31-68) (CC-1)	PPT
	Semester-II	A Brief Introduction About of Sanskrit Prose Kavya (CC-2)	PPT
		A Brief Discussion About Dasakumaracharita (CC-2)	PPT
	Semester-III	An Introduction About Sanskrit Drama (CC-3)	PPT
		Discussion About on Abhijanasakuntala (CC-3)	PPT
		An Introduction About Yoga (SEC-1)	PPT
	Semester-IV	An Introduction About Sanskrit Grammar (CC-4)	PPT
		Discussion About Various Baiyakarana (CC-4)	PPT
		Introduction About Declensions (SEC-2)	PPT
	Semester-V	Introduction on Sanskrit Literature and Variety (DSE-1)	PPT
		Discussion About the Concept of the History of Vedic Literature (DSE-1)	PPT
		Introduction on Variety of Sanskrit Literature (SEC-3)	PPT
		Introduction on Arthasastra (GE-1)	PPT
		Discuss About Author Kautilya (GE-1)	PPT
	Semester-VI	Discuss on Various Alamkara (DSE-2)	PPT
		Introduction About Alamkara (DSE-2)	PPT
		Discussion on Author Bhasa (SEC-4)	PPT
		Introduction About Kavya (GE-2)	PPT
		Discuss on Tales and Fables (GE-2)	PPT
Aparna Ghosh	Semester - I	Introduction to Ramayana (CC-2)	PPT
		Introduction to Mahabharata (CC-2)	PPT
		Classification of the Puranas (CC-2)	PPT
		Period of Composition of the Puranas (CC-2)	PPT
		Content of the Puranas (CC-2)	PPT
	Semester - II	Summary of the Gita (CC-4)	PPT
		Chapter III, Slokas 36-38 (CC-4)	PPT
		Chapter III, Slokas 39-40 (CC-4)	PPT
	Semester - III	Classification of Alamkara (CC-6)	PPT
		Concept of Some a-karanta Sabdarupa (SEC-1)	PPT
		Concept of Some Dhaturupa (SEC-1)	PPT
	Semester - IV	Discussion of Few Short Stories (CC-9)	PPT
		Discussion of Few Historical Dramas (CC-9)	PPT
	Semester - V	Classification of Samasa (CC-12)	PPT
		Classification of the Puranas (GDSE-1)	PPT
Period of Composition of the Puranas (GDSE-1)		PPT	

  
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	Semester - VI	Content of the Puranas (GDSE-1)	PPT
		Content of the Puranas (GDSE-1)	PPT
		Discussion of the Sutras of Karaka	PPT
Ramkrishna Maitra	Semester - I	Introduction (CC-2)	PPT
		Classification of Veda (CC-2)	PPT
		Vedic Accent (CC-2)	PPT
		Structure of Veda (CC-2)	PPT
		'Vedic Devatas' (CC-2)	PPT
	Semester - II	Subandhu & His Work (CC -3)	PPT
		Banabhatta & His Work (CC -3)	PPT
		Panchatantra of Vishnusharma (CC -3)	PPT
		Hitapodesh of Narayanasharma (CC -3)	PPT
	Semester - II	.Kalidas and His Works (CC-5)	PPT
		Sudraka & His Work (CC-5)	PPT
	Semester - IV	Introduction of "CHIPITAKCHARVANAM" (CC-9)	PPT
		Identification of Author (CC-9)	PPT
		Content of the Prahasana (CC-9)	PPT
	Semester - V	Introduction of Rigveda Samhita (CC -11)	PPT
		The Vedic Accent (CC -11)	PPT
		Samhita-Patha to Pada-Patha (CC -11)	PPT
	Semester - VI	Introduction to the Yogasutra of Patanjali	PPT
		Astangayoga (DSE 4)	PPT
		'Yama' (DSE 4)	PPT
		'Niyama' (DSE 4)	PPT
'Pranayama' (DSE 4)		PPT	
'Aasanam' (DSE 4)		PPT	
Sanjoy Jyoti	Semester - I	A Brief Discussion upon Sanskrit Classical Literature of Mahakavya (CC-1)	PPT
		Style of Bharavi and an Analytical Thoughts upon Kiratarjuniyam (CC-1)	PPT
	Semester - II	A Brief Introduction About History of Sanskrit Prose (CC-2)	PPT & PDF
		An Analytical Thoughts upon Sanskrit Historical Kavyas (CC-2)	PPT & PDF
	Semester - III	An Introduction About History of Sanskrit Drama (CC-3)	PPT
		Discussion About on Various Dramatists and Drama (CC-3)	PPT
		An Analysis of Yoga Sutra According to Patanjali (SEC-1)	PPT

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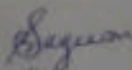
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Semester - IV	Discussion on Causative Verbs, Desiderative Verbs and Frequentative Verbs (CC-4)	PPT
	Discussion on Use of Ktva and Lyap (CC-4)	PPT
	Discussion on Bhu, Path, Gam, Drs, Sev etc. (SEC-2)	PPT
Semester - V	An Interpretation of Purana and Analysis on Kinds of Purana (DSE-1)	PPT
	Concept of Mahapurana (DSE-1)	PPT
	A Brief Discussion on Historical Kavyas (SEC-3)	PPT
Semester - VI	Discussion on Upayacatushya in Manusamhita (GE-1)	PPT
	Concept of Various Meters According to Syllabus (DSE-2)	PPT
	Introduction of Sanskrit Meters (DSE-2)	PPT
	A Brief Discussion on Fables (SEC-4)	PPT
	Discussion on Moral Values in Hitopadesa (GE-2)	PPT



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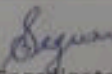
**Summary sheet of ICT mode of Learning of Department of Sanskrit**  
**2021-22**

Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Monimala Mondal	Semester - I	Definition & Classification of Kavya in Sanskrit Literature (CC-1)	PPT
		Introduction to Kirātājunīyam (CC-1)	PPT
		Style of Bhāravi (CC-1)	PPT
		Introduction of Indian Philosophy (CC-2)	PPT
	Semester - II	Introduction to Literature wsr to Sanskrit Literature: Forms and Types of Literature (CC-3)	PPT
		Introduction to Kādambarī (CC-3)	PPT
		Style of Bānabhatta (CC-3)	PPT & PDF
	Semester - III	Sanskrit Drama (CC-5)	PPT
		Kālidāsa (CC-5)	PPT
		Stage Management (CC-5)	PPT
		Few Video Clippings of Performance of Drama Abhijñānaśakuntalam (CC-5)	AUDIO & VIDEO
		Character of Duṣmanta and Śakuntalā (CC-5)	PPT & PDF
	Semester - IV	Which is Better? 4 <sup>th</sup> Or 5 <sup>th</sup> Act: A Comparative Analysis (CC-5)	PPT & PDF
		William Jones (CC-10)	PPT & PDF
		Max Muller (CC-10)	PPT & PDF
	Semester - V	Charles Wilkins (CC-10)	PPT & PDF
		Atmatattva According to Īsopaniṣad (CC-11)	PPT
		Introduction to Sāhityadarpaṇa (DSE-1)	PPT
	Semester - VI	Prastāvanā (DSE-1)	PPT
		Features of Brahma According to Vedāntasāra (CC-13)	PPT
		Discussion of Pañcīkaraṇam (CC-13)	PPT & PDF
Maṅgalācaraṇam of Tarkasaṃgraha		PPT	
Samiran Ray	Semester - I	Brief Discussion of Sannikarṣa	PPT
		"Buddhist Mahakavi" Asvaghosa and His Kavyas (CC-1)	PPT
		"Mahakavi" Kalidasa and His Kavyas (CC-1)	PPT
		Topics in Sanskrit Grammar (CC-2)	PPT

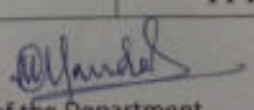
  
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	Paninian Grammarians and Their Works (CC-2)	PPT & PDF
	Grammarians of the Paninian Sect and Their Grammar (CC-2)	PPT & PDF
Semester - II	Introduction to "ADHUNIK JANAJIBONE BHAGAVADGĪTĀH PRASANGIKATA" (CC-4)	PPT & PDF
	Description on Various Types of Jyagnas (CC-4)	PPT
Semester - III	Introduction to "Kautilya's Arthasastra" (CC-7)	PPT
	Explanation on "DŪTAPRAṆIDHI"(CC-7)	PPT
	Practice on Brahmi Scripts Writing (SEC-1)	PPT
	Video of Shakuntalam Movie (GE/CC-3)	AUDIO & VIDEO
Semester - IV	Discussion on the Scope and Significance of Epigraphy in Ideological Studies (CC-8)	PPT & PDF
	Survey of Inscription by Form and Materials (CC-8)	PPT & PDF
	General Survey on Inscriptions (CC-8)	PPT
	Epigraphists Role on Decipherments of Indian Epigraphy (CC-8)	PPT & PDF
	Communications in Daily Life in Sanskrit (SEC-2)	PPT
Semester - V	Elements of Linguistics (DSE-2)	PPT
	Division of Indo-European (DSE-2)	PPT
	Non-Aryan Influence on Sanskrit (DSE-2)	PPT & PDF
Semester - VI	A Brief Discussion on Taittiriyaopaniṣad – Bhṛguballī (1-3) (DSE-3)	PDF
	A Brief Discussion on Karmayogaha (DSE-4)	PDF
Ruma Roy	Introduction (HCC-1)	PPT
	Vedic Literature Period, Mahakavya Period	PPT
	Age of Indian Classical Literature	PPT
	Structure of Kavya	PPT
	Introduction to Mahakavi Kalidasa and Raghuvamśa	PPT
	Introduction (HCC-3)	PPT
	Classification of Sanskrit Literature: Gadyakavya (Vedic to Classical Period) [HCC-3]	PPT
	Introduction to Prose & Dandin (HCC-3)	PPT
	Introduction (HCC-3)	PPT
	Introduction to Epigraphy (CC-8)	PPT
	Classification of Silalekh and Discuss About All Silalekhs (CC-8)	PPT
	Introduction to Rudradaman (CC-8)	PPT & PDF
	Introduction of Rudradaman Silalekh Inscription (CC-8)	PPT
	Introduction of Mehrauli Iron Pillar Inscription (CC-8)	PPT & PDF
	Introduction of Chandra (CC-8)	PPT & PDF

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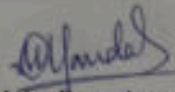
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	Semester - V	Introduction of Sanskrit Grammar (CC-12)	PPT	
		Identification of Panini (CC-12)	PPT	
		Concept of the Samjnas (CC-12)	PPT	
	Semester - VI	Introduction of Ayurveda (DSE-3)	PPT	
		Source of Ayurveda (DSE-3)	PPT	
		Concept of Astanga Ayurveda (DSE-3)	PPT	
Indrani Laha	Semester-I	A Brief Discussion upon Sanskrit Classical Literature (CC-1)	PPT	
		A Brief Discussion on Author (Kalidasa) and Analytical Thoughts upon Raghuvamsam Canto-14 <sup>th</sup> (Verse-31-68) (CC-1)	PPT	
	Semester-II	A Brief Introduction About of Sanskrit Prose Kavya (CC-2)	PPT	
		A Brief Discussion About Dasakumaracharita (CC-2)	PPT	
	Semester-III	An Introduction About Sanskrit Drama (CC-3)	PPT	
		Discussion About on Abhijanasakuntala (CC-3)	PPT	
		An Introduction About Yoga (SEC-1)	PPT	
	Semester-IV	An Introduction About Sanskrit Grammar (CC-4)	PPT	
		Discussion About Various Baiyakarana (CC-4)	PPT	
		Introduction About Declensions (SEC-2)	PPT	
	Semester-V	Introduction on Sanskrit Literature and Variety (DSE-1)	PPT	
		Discuss About the Concept of the History of Vedic Literature (DSE-1)	PPT	
		Introduction on Variety of Sanskrit Literature (SEC-3)	PPT	
		Introduction on Arthasastra (GE-1)	PPT	
		Discuss About Author Kautilya (GE-1)	PPT	
	Semester-VI	Discuss On Various Alamkara (DSE-2)	PPT	
		Introduction About Alamkara (DSE-2)	PPT	
		Discussion on Author Bhasa (SEC-4)	PPT	
		Introduction About Kavya (GE-2)	PPT	
		Discuss on Tales and Fables (GE-2)	PPT	
	Aparna Ghosh	Semester - I	Introduction to Ramayana (CC-2)	PPT
			Introduction to Mahabharata (CC-2)	PPT
			Classification of the Puranas (CC-2)	PPT
			Period of Composition of the Puranas (CC-2)	PPT
Content of the Puranas (CC-2)			PPT	
Semester - II		Summary of the Gita (CC-4)	PPT	
		Chapter III, Slokas 36-38 (CC-4)	PPT	
		Chapter III, Slokas 39-40 (CC-4)	PPT	
Semester - III		Classification of Alamkara (CC-6)	PPT	
		Concept of Some a-karanta Sabdarupa (SEC-1)	PPT	

  
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		Concept of Some Dhaturupa (SEC-1)	PPT	
Semester - IV		Discussion of Few Short Stories (CC-9)	PPT	
		Discussion of Few Historical Dramas (CC-9)	PPT	
Semester - V		Classification of Samasa (CC-12)	PPT	
		Classification of the Puranas (GDSE-1)	PPT	
		Period of Composition of the Puranas (GDSE-1)	PPT	
		Content of the Puranas (GDSE-1)	PPT	
Semester - VI		Content of the Puranas (GDSE-1)	PPT	
		Discussion of the Sutras of Karaka	PPT	
Ramkrishna Maitra	Semester - I	Introduction (CC-2)	PPT	
		Classification Of Veda (CC-2)	PPT	
		Vedic Accent (CC-2)	PPT	
		Structure of Veda (CC-2)	PPT	
		'Vedic Devatas' (CC-2)	PPT	
	Semester - II	Subandhu & His Work (CC -3)	PPT	
		Banabhatta & His Work (CC -3)	PPT	
		Panchatantra of Vishnusharma (CC -3)	PPT	
		Hitapodesh of Narayanasharma (CC -3)	PPT	
	Semester - II	Kalidas and His Works (CC-5)	PPT	
		Sudraka & His Work (CC-5)	PPT	
	Semester - IV	Introduction of "CHIPITAKCHARVANAM" (CC-9)	PPT	
		Identification of Author (CC-9)	PPT	
		Content of the Prahasana (CC-9)	PPT	
	Semester - V	Introduction of Rigveda Samhita (CC -11)	PPT	
		The Vedic Accent (CC -11)	PPT	
		Samhita-Patha to Pada-Patha (CC -11)	PPT	
	Semester - VI	Introduction the Yogasutra of Patanjali	PPT	
		Astangayoga (DSE 4)	PPT	
		'Yama' (DSE 4)	PPT	
		'Niyama' (DSE 4)	PPT	
		'Pranayama' (DSE 4)	PPT	
		'Aasanam' (DSE 4)	PPT	
	Sanjoy Jyoti	Semester - I	A Brief Discussion upon Sanskrit Classical Literature of Mahakavya (CC-1)	PPT

  
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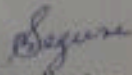


	Style of Bharavi and an Analytical Thoughts upon Kiratarjuniyam (CC-1)	PPT
Semester - II	A Brief Introduction About History of Sanskrit Prose (CC-2)	PPT & PDF
	An Analytical Thoughts upon Sanskrit Historical Kavyas (CC-2)	PPT & PDF
Semester - III	An Introduction About History of Sanskrit Drama (CC-3)	PPT
	Discussion About on Various Dramatists and Drama (CC-3)	PPT
	An Analysis of Yoga Sutra According to Patanjali (SEC-1)	PPT
Semester - IV	Discussion on Causative Verbs, Desiderative Verbs and Frequentative Verbs (CC-4)	PPT
	Discussion on Use of Ktva and Lyap (CC-4)	PPT
	Discussion on Bhu, Path, Gam, Drs, Sev etc. (SEC-2)	PPT
Semester - V	An Interpretation of Purana and Analysis on Kinds of Purana (DSE-1)	PPT
	Concept of Mahapurana (DSE-1)	PPT
	A Brief Discussion on Historical Kavyas (SEC-3)	PPT
	Discussion on Upayacatustya in Manusamhita (GE-1)	PPT
Semester - VI	Concept of Various Meters According to Syllabus (DSE-2)	PPT
	Introduction of Sanskrit Meters (DSE-2)	PPT
	A Brief Discussion on Fables (SEC-4)	PPT
	Discussion on Moral Values in Hitopadesa (GE-2)	PPT




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Summary sheet of ICT mode of Learning of Department of Sanskrit  
2022-23

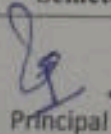
Name of the Faculty	Semester	Name of the topic with course code	Mode of Teaching under ICT method (PPT, PDF, Video Lecture etc.)
Monimala Mondal	Semester - I	Definition & Classification of Kavya in Sanskrit Literature (CC-1)	PPT
		Introduction to Kirātājūnīyam (CC-1)	PPT
		Style of Bhāravi (CC-1)	PPT
		Introduction of Indian Philosophy (CC-2)	PPT
	Semester - II	Introduction to Literature wsr to Sanskrit Literature: Forms and Types of Literature (CC-3)	PPT
		Introduction to Kādamvarī (CC-3)	PPT
		Style of Bānabhatta (CC-3)	PPT & PDF
	Semester - III	Sanskrit Drama (CC-5)	PPT
		Kālidāsa (CC-5)	PPT
		Stage Management (CC-5)	PPT
		Few Video Clippings of performance of Drama Abhijñānaśakuntalam (CC-5)	AUDIO & VIDEO
		Character of Duṣmanta and Śakuntalā(CC-5)	PPT & PDF
	Semester - IV	Which is the better 4 <sup>th</sup> or 5 <sup>th</sup> Act: A Comparative Analysis(CC-5)	PPT & PDF
		William Jones (CC-10)	PPT & PDF
		Max Muller (CC-10)	PPT & PDF
	Semester - V	Charles Wilkins (CC-10)	PPT & PDF
		Atmatattva according to Īsopaniṣad (CC-11)	PPT
		Introduction to Sāhityadarpaṇa (DSE-1)	PPT
	Semester - VI	Prastāvanā (DSE-1)	PPT
		Features of Brahma according to Vedāntasāra (CC-13)	PPT
Discussion of Pañcīkaraṇam (CC-13)		PPT & PDF	
Introduction of Yogadarśna (DSE-4)		PPT	
Samiran Ray	Semester - I	Discussion about Prānīyām (DSE-4)	PPT
		"Buddhist Mahakavi" Asvaghosaandhiskavyas (CC-1)	PPT
		"Mahakavi" Kalidasaandhiskavyas (CC-1)	PPT
		Topics in Sanskrit Grammar (CC-2)	PPT
		Paninian Grammarians and their works (CC-2)	PPT & PDF
	Semester - II	Grammarians of the Paninian sect and their Grammar (CC-2)	PPT & PDF
		Introduction to "ADHUNIKJANAJIBONE BHAGAVADGĪTĀH PRASANGIKATA" (CC-4)	PPT & PDF

  
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		Description on Various types of Jyagnas(CC-4)	PPT
Semester - III		Introduction to "Kautilya's Arthashastra" (CC-7)	PPT
		Explanation on "DUTAPRANIDHI"(CC-7)	PPT
		Practice on Brahmi Scripts Writing (SEC-1)	PPT
		Video of Shakuntalam Movie (GE/CC-3)	AUDIO & VIDEO
Semester - IV		Discussion on the Scope and Significance of Epigraphy in Ideological Studies (CC-8)	PPT & PDF
		Survey of inscription by Form and Materials (CC-8)	PPT & PDF
		General Survey on Inscriptions (CC-8)	PPT
		Epigraphists Role on decipherments of Indian Epigraphy (CC-8)	PPT & PDF
Semester - V		Communications in daily life in Sanskrit (SEC-2)	PPT
		Elements of Linguistics (DSE-2)	PPT
		Division of Indo-European (DSE-2)	PPT
Semester - VI		Non-Aryan Influence on Sanskrit (DSE-2)	PPT & PDF
		A brief discussion on Taittiriyaopaniṣad – Bhṛguballī (1-3) (DSE-3)	PDF
Ruma Roy	Semester - I	A Brief Discussion on Karmayogaha (DSE-4)	PDF
		Introduction (HCC-1)	PPT
	Semester - I	Vedic Literature Period, Mahakavya period	PPT
		Age of Indian Classical Literature	PPT
		Structure of Kavya	PPT
		Introduction to Mahakavi Kalidasa and Raghuvamsa	PPT
	Semester - II	Introduction (HCC-3)	PPT
		Classification of Sanskrit literature: Gadyakavya (Vedic to classical period) [HCC-3]	PPT
		Introduction to prose & Dandin (HCC-3)	PPT
		Introduction (HCC-3)	PPT
	Semester - IV	Introduction to Epigraphy (CC-8)	PPT
		Classification of Silalekh and discuss about all silalekh (CC-8)	PPT
		Introduction to Rudradaman (CC-8)	PPT & PDF
		Introduction of Rudradaman Silalekh Inscription (CC-8)	PPT
		Introduction of Meharauli Iron Pillar Inscription (CC-8)	PPT & PDF
		Introduction of Chandra (CC-8)	PPT & PDF
	Semester - V	Introduction of Sanskrit Grammar (CC-12)	PPT
		Identification of Panini (CC-12)	PPT
		Concept of the Samjnas (CC-12)	PPT
	Semester - VI	Introduction of Ayurveda (DSE-3)	PPT
Source of Ayurveda (DSE-3)		PPT	
Concept of Ashtanga Ayurveda (DSE-3)		PPT	
Indrani Laha	Semeter-I	A Brief Discussion upon Sanskrit Classical Literature (CC-1)	PPT

  
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	A Brief Discussion on Author (Kalidasa) and Analytical thoughts upon Raghuvamsam Canto-14 <sup>th</sup> (verse-31-68) (CC-1)	PPT	
Semeter-II	A Brief Introduction about of Sanskrit Prose Kavya (CC-2)	PPT	
	A Brief Discussion about Dasakumaracharita (CC-2)	PPT	
Semeter-III	An Introduction about Sanskrit Drama (CC-3)	PPT	
	Discussion about on Abhijanasakuntala (CC-3)	PPT	
	An Introduction about Yoga (SEC-1)	PPT	
Semeter-IV	An Introduction about Sanskrit Grammar (CC-4)	PPT	
	Discussion about Various Baiyakarana (CC-4)	PPT	
	Introduction about Declensions (SEC-2)	PPT	
Semeter-V	Introduction on Sanskrit Literature and Variety (DSE-1)	PPT	
	Discuss about the Concept of the History of Vedic Literature (DSE-1)	PPT	
	Introduction on Variety of Sanskrit literature (SEC-3)	PPT	
	Introduction on Arthasastra (GE-1)	PPT	
	Discuss about author Kautilya (GE-1)	PPT	
Semeter-VI	Discuss on various Alamkara (DSE-2)	PPT	
	Introduction about Alamkara (DSE-2)	PPT	
	Discussion on author Bhasa (SEC-4)	PPT	
	Introduction about Kavya (GE-2)	PPT	
	Discuss on Tales and Fables (GE-2)	PPT	
Aparna Ghosh	Semester - I	Introduction to Ramayana (CC-2)	PPT
		Introduction to Mahabharata (CC-2)	PPT
		Classification of the Puranas (CC-2)	PPT
		Period of Composition of the Puranas (CC-2)	PPT
		Content of the Puranas (CC-2)	PPT
	Semester - II	Summary of the Gita (CC-4)	PPT
		Chapter III, Slokas 36-38 (CC-4)	PPT
		Chapter III, Slokas 39-40 (CC-4)	PPT
	Semester - III	Classification of Alamkara (CC-6)	PPT
		Concept of Some a-karanta Sabdarupa (SEC-1)	PPT
		Concept of Some Dhaturupa (SEC-1)	PPT
	Semester - IV	Discussion of Few Short Stories (CC-9)	PPT
		Discussion of Few Historical Dramas (CC-9)	PPT
	Semester - V	Classification of Samasa (CC-12)	PPT
		Classification of the Puranas (GDSE-1)	PPT
		Period of Composition of the Puranas (GDSE-1)	PPT
		Content of the Puranas (GDSE-1)	PPT
	Semester - VI	Content of the Puranas (GDSE-1)	PPT
		Discussion of the Sutras of Karaka	PPT
	Ramkrishna Maitra	Semester - I	Introduction (CC-2)
Classification of Veda (CC-2)			PPT

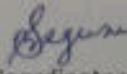


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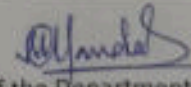
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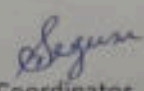
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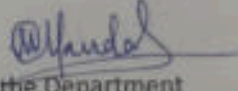
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	Vedic Accent (CC-2)	PPT	
	Structure of Veda (CC-2)	PPT	
	'Vedic Devatas' (CC-2)	PPT	
Semester - II	Subandhu & His Work (CC -3)	PPT	
	Banabhatta & His Work (CC -3)	PPT	
	Panchatantra of Vishnusharma (CC -3)	PPT	
	Hitapodesha of Narayanasharma (CC -3)	PPT	
Semester - II	Kalidas and His works (CC-5)	PPT	
	Sudraka & His work (CC-5)	PPT	
Semester - IV	Introduction of "CHIPITAKCHARVANAM" (CC-9)	PPT	
	Identification of author (CC-9)	PPT	
	Content of The Prahasana (CC-9)	PPT	
Semester - V	Introduction of Rigvedasamhita (CC -11)	PPT	
	The Vedic accent (CC -11)	PPT	
	Samhita- patha to Pada-patha (CC -11)	PPT	
Semester - VI	Introduction (CC -14 )	PPT	
	प्रातिपदिकार्थलिङ्गपरिमाणवचनमात्रे प्रथमा (CC-14)	PPT	
	कर्तुरीप्सिततमं कर्म (CC-14)	PPT	
	उपान्वध्याङ्वसः (CC-14)	PPT	
	अधिशीङ्स्थाऽऽसां कर्म (CC-14)	PPT	
	अकथितं च (CC-14)	PPT	
	कालाध्वनोरत्यन्तसंयोगे (CC-14)	PPT	
	साधकतमं करणम् (CC-14)	PPT	
	कर्मणा यमभिप्रीति स सम्प्रदानम् (CC-14)	PPT	
	ध्रुवमपायेऽपादानम् (CC-14)	PPT	
			PPT
Sanjoy Jyoti	Semester - I	A Brief Discussion upon Sanskrit Classical Literature of Mahakavya (CC-1)	PPT
		Style of Bharavi and an Analytical Thoughts upon Kiratarjuniyam (CC-1)	PPT
	Semester - II	A Brief Introduction about History of Sanskrit Prose (CC-2)	PPT & PDF
		An Analytical Thoughts upon Sanskrit Historical Kavyas (CC-2)	PPT & PDF
	Semester - III	An Introduction about History of Sanskrit Drama (CC-3)	PPT
		Discussion about on Various Dramatists and Drama (CC-3)	PPT
		An Analysis of Yoga Sutra according to Patanjali (SEC-1)	PPT
	Semester - IV	Discussion on causative verbs, Desiderative Verbs and Frequentative verbs (CC-4)	PPT

  
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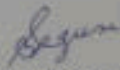
  
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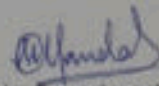
	Discussion on Use of ktva and lyap (CC-4)	PPT
	Discussion on Bhu, Path, Gam, Drs ,Sev etc. (SEC-2)	PPT
Semester - V	An Interpretation of Purana and Analysis on kinds of Purana (DSE-1)	PPT
	Concept of Mahapurana (DSE-1)	PPT
	A Brief Discussion on Historical Kavyas (SEC-3)	PPT
	Discussion on Upayacatustya in Manusamhita (GE-1)	PPT
Semester - VI	Concept of Various Meters According to Syllabus (DSE-2)	PPT
	Introduction of Sanskrit Meters (DSE-2)	PPT
	A Brief Discussion on Fables (SEC-4)	PPT
	Discussion on Moral Values in Hitopadesa (GE-2)	PPT



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