DEPARTMENT OF MATHEMATICS

GUSHKARA MAHAVIDYALAYA

History of the Department

Our college, Gushkara Mahavidyalaya, was established on 09.08.1965 as a non-govt. college under Burdwan University (Memo No.-1/c/1584/65, dated-14.07.1965).

The Mathematics Department was started in the academic session- 2065-66 with general course, with a single teacher though the number of sanction post was two(2).Prof. Patit Paban Ganguli Joined this Post on 09.08.1965. After that Prof. Madan Mohan Khan joined this department as a Lecturer on 01.08.1967. Prof Gunguli and Prof. Khan retired their services on 29.02.2000 and on 31.01.2006 respectively.

The Honours Stream of the department was introduced in the session 2002-03 (Memo No.- BU,IC/aff/p/22/258, dated-10.09.2002) by student capacity of 20 in Honours course.

After retirement of Patit Paban Gunguli Prof. Mukul Biswas joined as a Lecturer of the said post on 10.03.2005. Prof. Pratikshan Mondal joned this department on 08.09.2006 after retirement of Prof. Madan Mohan Khan. The NAAC peer team visited this college and this Department on March 2007. Prof. Mondal left the college on 11.09.2008. Till now this post is vacant.

By the time a new post of Assistant Professor was created in the department and Prof. Sahidul Islam joined this post on 13.04.2010. He also left the college and joined Kalyani University on the post of Assistant Professor and it creates a vacant post. This vacancy is not filled up till now.

DEPARTMENT OF MATHEMATICS

GUSHKARA MAHAVIDYALAYA

Permanent Teachers

**1.** **Prof. Patit Paban Gunguly (Ex-Teacher):**

Prof. Patit Paban Gunguly was first teacher in the department of Mathematics in this college. Prof. Gunguly joined in the first post on 09.08.1965. His academic career is good. For a long time he acted as examiner in general course in Mathematics. He was associated with various sub committees in the college. Prof. Gunguly retired from his service on 29.02.2000.

**2. Prof. Madan Mohan Khan (Ex-Teacher):**

Prof. Madan Mohan Khan was 2nd teacher in the department of Mathematics in this college. He joined in the 2nd post on 01.08.1967. The academic career of Prof. Khan is very good. He was associated with various sub committees in the college. The Honours stream was made available in the session 2002-03 in the nearly last period of his service. Prof. Khan served this department till 31.01.2006, his retirement.

**3. Prof. Mukul Biswas:**

After retirement of Prof. Patit Paban Gunguly the vacant post had filled up by Prof. Mukul Biswas when he joined to this post on 10.03.2005. He passed M.Sc. (Applied Mathematics) from Burdwan University in the Session 1994-96. Prof. Biswas qualified CSIR-NET examination on July 2001 and CSIR-NET with JRF on December 2001. His special paper is Fluid Mechanics. He is associated with various sub-committees in this college. He present in this service.

**4. Prof. Pratikshan Mondal (Ex-teacher).**

Prof. Pratikshan Mondal joined this department on 08.09.2006 in the vacant post after retirement of Prof. Madan Mohan Khan. His Academic career is brilliant. He stood 1st class 1st in M.Sc. (Pure Mathematics) from the University of Burdwan in the session 1999-2001. He received three (3) gold medals :

1. University gold medal
2. Jadabendranath Panja gold medal
3. PN Banerjee gold medal.

His special papers are (i) Advanced Functional Analysis (ii) Operator Theory & its Application.

Prof. Mondal qualified NET on June & December 2002 and SLET in 2003. He was associated with various sub-committees in this college. Prof. Mondal left the college on 11.09.2008 and joined Durgapur Government College.

**5. Prof. Dr. Sahidul Islum (Ex-teacher).**

Prof. Dr. Sahidul Islum Joined this Department on 13.04.2010 in the new created vacant post. His Academic career is brilliant. He stood 1st class in M.Sc. (Applied Mathematics) from the University of Jadavpur in the session 2001-03. His special paper in M.Sc. level is Operations Research (OR).Prof. Sahidul Islum qualified CSIR-NET with JRF on Jun 2002.He awarded Ph.D. degree in the year of 2008 from Bengal Engineering & Science University, Shibpur under the Supervison of Dr. Tapan Kumar Roy, Professor, B.E.S.U., Shibpur, Howrah for the thesis on **Some Transportation and Inventory Models in Information and** **Fuzzy Systems**. He was associated with various sub-committees in this college. Prof. Sahidul Islum left the college on 06.12.2012 and joined Kalyany University.

DEPARTMENT OF MATHEMATICS

GUSHKARA MAHAVIDYALAYA

PROFILE OF THE EXISTING PERMANENT TEACHER

1. Name (Block letters) : **MUKUL BISWAS**
2. **Father’s** name : **Late Pramatha Ranjan Biswas**
3. Department : **MATHEMATICS**
4. Current Designation :**ASSISTANT PROFESSOR OF MATHEMATICS (Stage-2)**

Telephone No.: Mobile No.: **9800055919**

E-mail: [mukulwb@gmail.com](mailto:mukulwb@gmail.com)

1. Whether acquired any degrees or fresh academic qualifications during the year: **No**
2. Academic Staff College Orientation/Refresher Course attended during the year:

|  |  |  |  |
| --- | --- | --- | --- |
| **Duration** | **Name of the Course/Summer School** | **Place** | **Sponsoring Agency** |
| 20.11.11-20.12.11 | 13th RC in Mathematical Science | ASC, B.U. | UGC |
| 10.3.15-30.3.15 | 2nd RC in Disaster Management | ASC, B.U. | UGC |

6a).List of seminars, conferences, etc. attended & paper presented

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Date | Title | Organized by | Sponsored by | Title of the paper presented |
| 1. | 02.10.15-04.10.15 | Crime: Factors and Solution | Institute for Social Development & Research (ISDR) | -- | Relation between Politicians, Chapels and Anti-social Persons: A burning Problem |
| 2. | 02.12.15-03.12.15 | Rabindranath Tagore: Humanity and Cultural Affinity | Department of English & Bengali, Bolpur College | UGC | Rabindranath O Bharater Mulnibashi Anarya Asprishya Sampradayh |
| 3. | 22.12.15-23.12.15 | Srivasan Ramanujan: The Great Inspirer of Learning Mathematics | Department of Mathematics, Symsundar College & Indus Mahavidyaya | UGC | [Regular n-gon] = a circle or a regular n-gon a circle when n∞ |
| 4. | 09.02.16-11.02.16 | Recent Trends in Mathematical Sciences and Applications | Department of Mathematics, The University of Burdwan | -- | Turbulence of a Fluid: Fuzzy Dynamical System Approach |
| 5. | 11.02.16 |  | Department of NSS, Burdwan Raj college unit | Govt. of India | Burdwan Raj college, Burdwan |

1. a. Date of Appointment : **10.03.2005**

b. Date of Confirmation : 24.04.2006 with effect from 10.03.2005

1. Past Service, if any : **No**
2. Educational Qualification (Graduation onwards) :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Examination** | **Name of The University** | **Year of Passing** | **Marks Obtained (%)** | **Class/ Grade** |
| **B.Sc**. | Burdwan University | 1994 | 47.625 | II |
| **M.Sc**. | Burdwan University | 1996 | 56.7 | II |
| Other examination, | i) NET –UGC-CSIR  ii) NET –UGC-CSIR | i)July2001  ii)Dec2001 |  | i) Lectureship ii) JRF |

1. Research Degree(s): Nil

**PROFILE OF EXISTING TEACHERS**

**1. PROFILE OF MUKUL BISWAS**

|  |  |
| --- | --- |
| NAME | MUKUL BISWAS |
| DESIGNATION | ASSISTANT PROFESSOR OF MATHEMATICS |
| QUALIFICATION | M.Sc. in Mathematics |
| SPECIALISATION | Applied Mathematics |
| Date of Birth | 03.02.1973 |
| Teaching Experience | 11 Years and 6 Months |
| Courses Taught | UG (both Hons & Gen) |
| Subject Taught | Algebra, Analysis, Dynamics, Statics, Hydrostics, Operations Research, Proba bility, Statistics Geometry (2D,3D), Differential Equations, Numerical analysis |
| Future Plan of research | Nil |
| Publication | Nil |
| Participation in FDP | Annexure-Ia), Ib) |
| Participation in Administrative Work | Annexure-II |
| Co-curricular Activity | Nil |
| Extracurricular Activity | Member of selection committee for the guest lecturer in Mathematics, Acted as judge in various events like sports & games conducted by the college. |

Annexure-Ia)

Academic Staff College Orientation/Refresher Course attended during the year:

|  |  |  |  |
| --- | --- | --- | --- |
| **Duration** | **Name of the Course/Summer School** | **Place** | **Sponsoring Agency** |
| 20.11.11-20.12.11 | 13th RC in Mathematical Science | ASC, B.U. | UGC |
| 10.3.15-30.3.15 | 2nd RC in Disaster Management | ASC, B.U. | UGC |

Annexure-Ib)

List of seminars, conferences, etc. attended & paper presented

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Duration/Date | Title | Organized by | Sponsored by | Title of the paper presented |
| 1. | 02.10.15-04.10.15 | Crime: Factors and Solution | Institute for Social Development & Research (ISDR) | -- | Relation between Politicians, Chapels and Anti-social Persons: A burning Problem |
| 2. | 02.12.15-03.12.15 | Rabindranath Tagore: Humanity and Cultural Affinity | Department of English & Bengali, Bolpur College | UGC | Rabindranath O Bharater Mulnibashi Anarya Asprishya Sampradayh |
| 3. | 22.12.15-23.12.15 | Srivasan Ramanujan: The Great Inspirer of Learning Mathematics | Department of Mathematics, Symsundar College & Indus Mahavidyaya | UGC | [Regular n-gon] = a circle or a regular n-gon a circle when n∞ |
| 4. | 09.02.16-11.02.16 | Recent Trends in  Ma thematical Sciences and Applications | Department of Mathematics, The University of Burdwan | -- | Turbulence of a Fluid: Fuzzy Dynamical System Approach |
| 5. | 11.02.16 |  | Department of NSS, Burdwan Raj college unit | Govt. of India | Burdwan Raj college, Burdwan |

Annexure-II

List of Committees, Sub-committees, Advisory-committees in which Prof. Mukul Biswas is/was a member

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Committee/ Sub-committee/ Advisory-committee/Cell | Designation | Session/s |
| 1. | Governing Body | Member | 2011-12, 2012-13 |
| 2. | Finance sub-committee | Member | 2011-12, 2012-13 |
| 3. | Academic advisory committee | Member | 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17 |
| 4. | Assets & Management & Maintenance advisory committee | Member | 2011-12, 2012-13 |
| 5. | Tender & Purchase advisory committee | Member | 2011-12, 2012-13, 2013-14, 2014-15, 2015-16 |
| 6. | Admission advisory committee | Member | 2011-12, 2013-14, 2015-16 |
| 7. | Disciplinary advisory committee | Member | 2012-13, 2015-16 |
| 8. | Routine advisory committee | Member | 2012-13, 2014-15, 2015-16 |
| 9. | NSSadvisory committee | Member | 2014-15 |
| 10. | Sexual Harassment Prevention Cell | Joint Coordinator | 2014-15, 2015-16, 2016-17 |
| 11. | Library advisory committee | Member | 2014-15 |
| 12. | Seminar advisory committee | Member | 2014-15, 2015-16 |
| 13. | IQAC advisory committee | Member | 2015-16, 2016-17 |

**2. PROFILE OF SOMENATH CHAKRABARTY**

|  |  |
| --- | --- |
| NAME | SOMENATH CHAKRABARTY |
| DESIGNATION | Guest Lecturer |
| QUALIFICATION | M.Sc. in Mathematics |
| SPECIALISATION | Pure Mathematics |
| Date of Birth | 17.03.1988 |
| Teaching Experience | Two years |
| Courses Taught | UG (both Hons & Gen) |
| Subject Taught | Classical Algebra, Integral Calculus, Number Theory, Numerical Analysis, Computer Programming (Theoretical & Practical) |
| Future Plan of research | Nil |
| Publication | Nil |
| Participation in FDP | Nil |
| Participation in Administrative Work | Nil |
| Co-curricular Activity | Nil |
| Extracurricular Activity | Nil |

**3. PROFILE OF CHANDAN GHOSH**

|  |  |
| --- | --- |
| NAME | CHANDAN GHOSH |
| DESIGNATION | Guest Lecturer |
| QUALIFICATION | M.Sc. in Mathematics |
| SPECIALISATION | Applied Mathematics |
| Date of Birth |  |
| Teaching Experience | Two years |
| Courses Taught | UG (both Hons & Gen) |
| Subject Taught | Vector Analysis, Tensor Analysis, Geometry, Complex Analysis, Real Analysis, Numerical Analysis, ODE |
| Future Plan of research | Nil |
| Publication | Nil |
| Participation in FDP | Nil |
| Participation in Administrative Work | Nil |
| Co-curricular Activity | Nil |
| Extracurricular Activity | Nil |

**4. PROFILE OF BRENRA KUMAR**

|  |  |
| --- | --- |
| NAME | BIRENDRA KUMAR |
| DESIGNATION | Guest Lecturer |
| QUALIFICATION | M.Sc. in Mathematics |
| SPECIALISATION | Pure Mathematics |
| Date of Birth |  |
| Teaching Experience | Two years |
| Courses Taught | UG (both Hons & Gen) |
| Subject Taught | Number Theory, Real Analysis, Metric Space, ODE, Geometry, Classical Algebra |
| Future Plan of research | Nil |
| Publication | Nil |
| Participation in FDP | Nil |
| Participation in Administrative Work | Nil |
| Co-curricular Activity | Nil |
| Extracurricular Activity | Nil |