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President, Governing Body
Gushkara Mahavidyalaya

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Gushkara Mahavidyalaya

Vice Patron

Dr. Madhumita Bhattacharya
Co-ordinator, IQAC
Gushkara Mahavidyalaya

Convener

Dr. Saurabh Sarkar
Assistant Professor, Dept. of Zoology
Gushkara Mahavidyalaya

Joint Conveners

Dr. Manisha Mondal
Associate Professor, Dept. of Physical Education
Gushkara Mahavidyalaya

Dr. Sukhendu Roy

Assistant Professor, Dept. of Zoology
Gushkara Mahavidyalaya

Treasurer

Sri Ankit Kumar Bhagat
Assistant Professor, Dept. of Commerce
Gushkara Mahavidyalaya

INTERNATIONAL CONFERENCE

on

“Opportunities and Challenges in Biological Science and Sports Science”

Conference Days: 5-6th March, 2023



Organised by

**INTERNAL QUALITY ASSURANCE CELL
(IQAC)**



GUSHKARA MAHAVIDYALAYA

Guskara, Purba Bardhaman-713128
West Bengal, INDIA

ADVISORY COMMITTEE

Dr. Sujit Kumar Chowdhury
Registrar, The University of Burdwan, India

Prof. Samiran Mondal
Dept. of Phy.Edu., Visva-Bharati, India

Prof. Soumen Bhattacharjee
Dept. of Botany, The University of Burdwan, India

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Ex-Associate Professor, Gushkara Mahavidyalaya, India

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Member, Governing Body, Gushkara Mahavidyalaya

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Sri Brojendra Nath Adhikari

Sri Hemanta Mukhopadhyay

Sri Uday Chand Mete

CHIEF GUEST

Prof. Nimai Chandra Saha
Vice-Chancellor
The University of Burdwan, India

KEYNOTE SPEAKER

Prof. Alok Kumar Banerjee
Former Vice-Chancellor, Kalyani University, India

EMINENT SPEAKERS

Dr. Mohammad Sohel
Director, Dept. of Phy.Edu., Islamic University
Kushtia, Bangladesh

Prof. Md Nasim Reza
PESS, Jashore University of Science and Technology
Jashore, Bangladesh

Prof. Kamal Krishna Biswas
Dept. of Biochemistry and Molecular Biology
Rajshahi University and Former Chairman
Dept. of PESS, Rajshahi University, Bangladesh

Dr. Shaybal Chanda
Associate Professor, PESS
Jashore University of Science and Technology, Bangladesh

Prof. Sudip Sundar Das
Dept. of Phy.Education, Jadavpur University, India

Prof. Soumen Bhattacharjee
Dept. of Botany, The University of Burdwan, India

ABOUT GUSHKARA MAHAVIDYALAYA

Gushkara Mahavidyalaya was founded on the 9th of August, 1965. Gushkara, Galsi, Mangalkote, Ausgram and Bhatar constitute the catchment area of the college. By virtue of road and rail communications, a large number of students from such far-flung areas as Durgapur, Katwa, Memari, Bolpur and Bardhaman flock to the college for pursuing their studies leading to Bachelor's degree in various disciplines. The college also serves as the extended campus of Netaji Subhas Open University.

The district town of Burdwan is to the south of Gushkara which is flanked on the east by Bhatar and Mangalkote and on the west by Jangalmahal. Kunur, the major tributary of the river Ajay, flows through the town. Archaeological findings have established that human habitation in the area surrounding the confluence of Ajay and Kunur dates back to at least three thousand years.

CONFERENCE OVERVIEW

It gives us immense pleasure to cordially invite you to the International Conference on "Opportunities and Challenges in Biological Science and Sports Science" organised by Internal Quality Assurance Cell (IQAC), Gushkara Mahavidyalaya on March 5-6, 2023. The conference intends to provide an academic platform for academicians and students. It also aims to provide an arena for the enthusiasts from India and abroad to interchange new knowledge, expertise, ideas and recent research findings.

This International Conference has been designed to focus on various scientific trails covering major areas on Life Sciences & Sports Sciences; the exchange of ideas, thoughts, deliberations on part of eminent scientists, research scholars will address the real opportunities and challenges in relevant issues in these fields.

We cheerfully welcome all to their dynamic interests.

CONFERENCE NOTE

Biological Science is always engaging to solve the problems of human health, habitat as well as life. This field of science is intimately related with various other major fields/subjects like Physics (Biophysics), Chemistry (Biochemistry), Statistics (Biostatistics), Technology (Biotechnology), Computer Science (Bioinformatics, Computational Biology), Medical Science (Parasitology, Medical Microbiology, Histology, Physiology), Human History/Anthropology (Evolutionary Biology), Environmental Science, Wildlife Conservation etc. On the other hand, Sports Science includes several interconnected subjects/fields like Nutrition, Health and Disease, Strength and Conditioning, Sports Psychology, Sports injury Prevention, Functional Anatomy, Performance Analysis, Human Movements and Motivation. The diversified opportunities as well as the major challenges pertaining both the themes will be addressed in this International Conference for the improvement of life and livelihood of human and Biosphere in post post-modern era.

INTERNATIONAL CONFERENCE HIGHLIGHTS

| | |
|------------------------------|--|
| Conference Days | 5 - 6th March, 2023 |
| Venue | Gushkara Mahavidyalaya |
| Inauguration session | 5th March, 2023 (10 am IST onwards). |
| Recreational Games | 05th March, 2023 |
| Travel across Cultural Space | 5th March, 2023 (4 pm IST onwards) |

SUB-THEMES

| | |
|--|---|
| Recent inventions in Biological Sciences | Exercise Physiology |
| Bioenergetics and Muscle Metabolism | Yoga for Health |
| Ecology and Environment | Recent Developments of Sports Science |
| Aquaculture and Fisheries | Challenges of Women in Science and Physical Education |
| Physiology and Biochemistry | Sports Economics and Sports Statistics |
| Molecular Biology and Cytogenetic | Sports Injuries and Treatments |
| Parasitology and Medical Microbiology | Sports Education |
| Pesticides and Bioremediation | Developments of Sports through Ages |
| Bio molecules and Chemical bonds | Geographical Distribution of Sports |
| Biotechnology and Bioinformatics | Sports Nutrition |
| Plants and Animals | Food and Health |
| Science and Technology | Obesity and Diabetes |
| Biophysics and its application | Diet Therapy |
| Sports | Developing sports culture & women participation |
| Sports & Culture | Global impact of Indian culture in sports |

N.B: Technical sessions for Oral and Poster Presentations will take place according to the conference schedule (to be notified later)

CALL FOR ABSTRACTS/BOOK CHAPTERS

Delegates / Research Scholars / Students are invited to present their research, theoretical, conceptual, and empirical papers in this International Conference on any of these sub-themes or any other relevant area. Please send soft copy of your Abstract / Book Chapter in the prescribed format to the conference e-mail id (seminar@gushkaramahavidyalaya.ac.in) in both MS-Word and PDF format. The Abstract / Book Chapter should be typed in English, Times New Roman, 12 font with 1.5 line spacing. Moreover, it should contain Title of the paper, Author(s) name, Affiliation(s), Email-id(s), Mobile no., Presenter's name, Abstract & Keywords (4-6). Abstracts should be written within 250-300 words and for Book Chapters, it should be approximately 5000 words. Selected Abstracts will be published in Abstract book of this International Conference. There will be both oral and poster presentations in the conference.

Please note:

1. A 'Plagiarism Declaration Form' should be filled up by the authors of selected Abstracts / Book Chapters before the conference.
2. No Abstract / Book Chapter will be accepted and published without registration.
3. We will take 5-6 months for publication of Book Chapters after acceptance.

| | |
|---|------------|
| Last date of Abstract submission | 12.02.2023 |
| Last date of full paper submission | 28.02.2023 |
| Registration Link: https://forms.gle/XQchGF7aAvtNkBuU9 | |
| WhatsApp Group Link: https://chat.whatsapp.com/ITFcaszgtGsEy7iS8erfIp | |

- Spot Registration for allowed only for participants

REGISTRATION FEES

| | |
|--|----------------------|
| Student (UG/PG/ Others): | 300/- |
| Research Scholar: | 700/- |
| Faculty/Scientist/Academician/Professionals/Corporate: | 1,000/- |
| Book chapter for edited book: | 500/- |
| | per accepted chapter |

PAYMENT METHODS**Bank Details:**

| | |
|-----------------------|-------------------------------|
| Account Number | 11254335094 |
| Account Holder's name | Gushkara Mahavidyalaya |
| Bank name | State Bank of India |
| IFSC | SBIN0006193 |

**ADVERTISEMENT TARIFF**

| Type | Amount |
|--------------------------------|----------|
| A. Font cover inside (colour): | 15,000/- |
| B. Black cover inside(colour): | 10,000/- |
| C. Full page (colour): | 8,000/- |
| D. Half Page (colour): | 4,000/- |
| E. Full Page (B/W): | 4,000/- |
| F. Half page (B/W): | 2,500/- |

SPONSORSHIP TARIFF

| Type | Amount |
|--------------|----------|
| A. Platinum: | 25,000/- |
| B. Gold: | 15,000/- |
| C. Silver: | 10,000/- |
| D. Bronze: | 5,000/- |

**ACCOMMODATION DETAILS**

Accommodation will be arranged for the participants in the neat and clean sanitized college hostels, college guest houses, hotels etc. with prior requested and payment basis as given below. No spot accommodation will be provided on conference days.

| HOSTEL/ GUEST HOUSE | AMOUNT |
|---------------------|------------|
| A. Hostel | 200-400/- |
| B. Dormitory | 300-400/- |
| C. Guest House | 500-1000/- |

| HOTEL | AMOUNT |
|-----------------------|-------------|
| A. Basic Hotel | 800-1000/- |
| B. Deluxe Hotel | 1500-2500/- |
| C. Super Deluxe Hotel | 3000-4000/- |

PERSONS FOR CONTACT

| Name | Contact No |
|------------------------|------------|
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