

FEBRUARY 3, 2024



92, S.P. MUKHERJEE ROAD, BHWANIPORE, KOLKATA 700 026

**NATIONAL SEMINAR ON "ECONOMIC
ZOOLOGY AND SUSTAINABLE DEVELOPMENT" 2024**
A COLLABORATIVE VENTURE WITH MOU PARTNER BERHAMPORE GIRLS'
COLLEGE, FEBRUARY 2024

DR. A R MD MUSTAFIZUR RAHAMAN
Asst Professors
ASUTOSH COLLEGE

EXECUTIVE SUMMARY OF THE PROGRAMME

Date:	02.02.2024 and 03.02.2024
Time:	10:30 am. Onwards
Venu:	Seminar Hall, Berhampore Girls' College. Berhampore, Murshidabad, W.B. 742101
Topic:	Economic Zoology and Sustainable Development (for detail list please see Annexure)
Participants (Faculty) from this college:	<ol style="list-style-type: none"> 1. Dr. A. R. Md. Mustafizur Rahaman. (Assistant Professor Dept. Zoology,) 2. Dr. Tapan Kr. Roy (Assistant Professor and Head Department of Zoology)
Participants (Students) from this college:	<ol style="list-style-type: none"> 1. Shaheena Rahaman – PG 4th Sem Student Zoology. 2. Vedanusha Chakrabarti-PG 4th Sem Dept. of zoology. 3. Shania Nasim PG 4th Sem Dept. Zoology. 4. Riya Ghosh- PG 4th Sem Student Zoology. 5. Sneha Tribady- PG 4th Sem Student Zoology. 6. Dipanwita Mishra- PG 4th Sem Student Zoology. 7. Ishita Saha- PG 4th Sem Student Zoology. 8. Shruti Das 1st Sem Department of Economics 9. Sohini Pal 1st Sem Department of Economics 10. Sramantika Sen 1st Sem Department of Economics 11. Purnasha Chakraborty 1st Sem Department of Economics. 12. Tania Dey- PG 4th sem, Zoology 13. Sudatta Roy PG 4th sem, Zoology 14. Ankur Chakraborty PG 2nd sem, Zoology
Co-Organized by:	Department of Zoology and Economics Asutosh College (Kolkata), Department of Zoology and Economics Berhampore Girls College (Murshidabad), and Murlidhar Grils college (Kolkata) in association with International Academy of Science & Research (IASR), Kolkata.

REPORT

Introduction:

Economic zoology is the branch of zoology that deals with the application of zoological knowledge in the economy, health, and welfare of humans. In the modern era, the subject has evolved into a multidisciplinary subject with the inclusion of all aspects of economic and industrial applications in relation to animal science. With a higher emphasis on outcome-based education in the new education policy, skill development, employability, entrepreneurship development, and sustainable income generation are becoming critical in the upcoming days.

Against this backdrop, the national seminar on “Economic Zoology and Sustainable Development” was organized with the aim to focus on the application of animal science for sustainable economic development in all sectors through policy formulation, research and development, Start-up and incubation center formation, etc.

Detailed report:

Day-1
(02.02.2024)

Inaugural Session:

This session began at 10.30 am with welcoming the dignitaries to the stage and lighting the lamp which was followed by the welcome song, sung by the students.

The welcome speech was given by Dr. Madhu Mitra, TIC Berhampore Girls' College. After this, Prof. Dr. Kinjalkini Biswas, Principal, of Muralidhar Girls' College addressed the audience through online mode. The next speaker was Prof. Sayoni Mukherjee; G.B.member of Ashutosh College.

Retired Prof. Dr. Sudip Barat was the next speaker who encouraged the participants with his scientific outlook. Dr. Tanmoy Rudra, Executive Secretary of IASR, New Delhi addressed and awarded some dignitaries on behalf of IASR. Finally, the inaugural session ended with a speech by the Convenor of the Seminar, Dr. Bhaskar Mahanayak.

Technical session-I

The session started at 12 noon and was composed of four Plenary Lectures –

1. “Potential of Insects as food and feed” by Dr. Sanjay Sarkar, Serampore College.
2. “Prospects and Challenges of Start-ups in India” by Dr. Ritabrata Tarafder from Sewnarayan Rameswari Fatepuria College, Beldanga.
3. “Dietary pattern and food habit differences in the Islamic and non-Islamic community and differences in the prevalence of hypertension.” By Dr. A. R. Md. Mustafizur Rahaman from Asutosh College, Kolkata.
4. “Sericulture and Women Empowerment” by Dr. Chandan Roy, Ragnaj Surendranath Mahavidyalaya.

Technical Session -II

In this session, 12 Oral presentations were delivered and the session was chaired by Prof. Dr. Sudip Barat and Co-Chaired by Dr. Sanjay Sarkar.

In this session, seven students of Endocrinology Special (PG 4th sem) of the Department of Zoology of our college delivered oral presentations.

1. Shaheena Rahaman
2. Vedanusha Chakrabarti
3. Shania Nasim
4. Riya Ghosh
5. Sneha Tribady
6. Dipanwita Mishra
7. Ishita Saha

And four students of Department of Economics of our college participated.

1. Shruti Das
2. Sohini Pal
3. Sramantika Sen
4. Purnasha Chakraborty

With this, the first day of the Seminar came to an end.

Two of our student secured 1st position in the oral presentation-

1. Dipanwita Mishra
2. Ishita Saha

Day -2
(03.02.2024)

Technical Session-III

This session started at 10:30 am and was composed of two Plenary Lectures-

1. "Entrepreneurship Start-ups and Sustainable Development: Role of HEIs" by Prof Dr. Ashish Kumar Sana, University of Calcutta.

2. "Recent Advances in Aquaculture Technology: Sustainability, Opportunities and Challenges" by Prof Dr. Ashis Kumar Panigrahi, Pro-Vice Chancellor, University of Burdwan.

Technical Session -IV

This fourth session was composed of both oral and poster presentations. The oral presentations were chaired by Prof Dr. Sudip Barat and co-chaired by Dr. A. R. Md. Mustafizur Rahaman.

The poster presentation was chaired and Juried by prof Rabiul Hoque, Prof Sudip Barat, and Dr. Tapan Kr. Roy.

Three of our students also participated in this poster presentation-

1. Tania Dey- PG 4th sem
2. Sudatta Roy PG 4th sem.
3. Ankur Chakraborty PG 2nd sem.

Annexure

**National Seminar on
Economic Zoology and Sustainable Development**



February 02 - 03, 2024

ORGANISED BY

Dept. of Zoology and Economics, Berhampore Girls' College
Dist.- Murshidabad, West Bengal

IN ASSOCIATION WITH

International Academy of Science and Research (IASR)
Kolkata, West Bengal

IN COLLABORATION WITH

Dept. of Zoology and Economics, Asutosh College
Kolkata, West Bengal

Dept. of Zoology and Economics, Muralidhar Girls' College
Kolkata, West Bengal

VENUE: Berhampore Girls' College, Dist.- Murshidabad, West Bengal

ABOUT THE CONFERENCE

Economic Zoology deals with the animal world that is associated with the economy, health and welfare of humans. It traditionally includes culturing animals for mass production for human use and to control or eradicate animals that are injurious to man directly or indirectly. But in the modern era, economic zoology should be considered as a broad multidisciplinary branch of science by inclusion of all aspects of economic and industrial applications in relation to animal science. In National Education Policy-2020, much emphasis has been given on outcome based education. In light of this, skill development, employability and entrepreneurship development and sustainable income generation are becoming very important nowadays.

Against this backdrop the National Seminar on "Economic Zoology and Sustainable Development" has been jointly organised, aims to focus on the application of animal science for sustainable economic development in both government and non-government sectors through strategic policy formulation, research and development, Start-up and incubation center formation etc.


THE GOALS OF THE SEMINAR ARE:

- 1.To explore the sustainable economic activities related to the huge fauna which are yet to be economically harnessed.
- 2.To develop skills among the young zoologists and to prepare them for accepting new employment opportunities.
- 3.To develop specific skillful knowledge over certain untouched zoological resources and encourage start-ups, incubation centers and entrepreneurship development.
- 4.To open up economic sponsors for start-ups and entrepreneurship.
- 5.To encourage active research for sustainable economic growth in the field of Animal Science.

THEMES & SUB THEMES

The two days seminar will comprise of scientific sessions, paper presentations and discussions. Entomologists, Environmentalists, academicians, research scholars and students are requested to send abstracts on the following sub areas mentioned below:

1. **Animal Science, Employability, Entrepreneurship and Socio-Economic Development.**
2. **Zoology for Inclusive Growth and Human Development.**
3. **Economic Zoology as a tool for Sustainable Development including Aquaculture, Sericulture, Apiculture and Animal husbandry.**
4. **Traditional Knowledge and Biodiversity Conservation, Biodiversity Services and Bio-tourism.**
5. **Role of Economics in Animal Resource Accounting, Resource Optimization, Climate Change Mitigation, Environmental Protection and Sustainable Development.**
6. **Animal Biotechnology, Bioinformatics, Nanotechnology and other areas of Industrial Zoology.**
7. **Animal Science and Livelihood of Women.**



**ABOUT BERHAMPORE GIRLS' COLLEGE,
DIST.- MURSHIDABAD, WEST BENGAL**

Berhampore Girls' College was founded in 1946 and is one of the oldest Govt. sponsored girls college in West Bengal. Since its inception, the institute has been imparting education with unremitting ethical values to the girls students and helping them to reclaim economic and social freedom and thereby retain self esteem. The college campus has been located at the heart of the district town Berhampore, which is the Head Quarter of district Murshidabad. Berhampore is well connected through Railway and National Highway. The nearest railway stations are Berhampore Court and Khagrahat Road.

**ABOUT INTERNATIONAL ACADEMY OF SCIENCE
AND RESEARCH (IASR), KOLKATA**

International Academy of Science and Research (IASR) has been established on the auspicious occasion of the National Science Day on 28th February 2015 based on its incorporation as a Charity under the Central Act II of 1982, Government of India in Kolkata with the main objective of locating avenues for alternative employment creation besides designing a neological as well as neocratic approach to research and entrepreneurship in the field of Science and research among the younger generation all over the world in general and India in particular with a view to bringing peace on earth in the third millennium by having country wise appropriate solutions for the burning problems like peacelessness, poverty, greed, unemployment, faulty educational, training and research methodologies, religious intolerance, etc., The International Academy of Science and Research (IASR) has decided to design a master plan paradigm (2016-2025) for a new world order.

The activities of IASR will include the strategies for creating more researchers besides transfer of appropriate technologies among the globe for ensuring a balanced and a sustainable growth in all countries of the world by using clean as well as cleaning-up technologies through new and emerging techniques for climate change management, environmental and disaster education, geriatric care, waste management, green business and technologies besides strengthening of diplomatic relations among nations for protecting our Mother Earth.

The idea is also to promote entrepreneurial educational leadership among the school and the college going boys and girls by "Catching Them Young" and for designing appropriate messages for the educators to see that they produce a greater number of job givers rather than job seekers. This will be possible as IASR has the qualified inventory of experts for establishing universities, colleges, institutions, schools and other training enterprises in different countries with the latest equipment and infrastructure for conducting formal, informal, non-formal, open, distance, online, internet and web based employment-centric programmes in all countries of the world.



CALL FOR ABSTRACTS

Any author can send more than one abstract individually / jointly. Abstracts must all be submitted in English. The number of abstracts per presenting author is limited to one in each theme. Both abstracts of oral and poster presentations will appear in the book of abstracts at the time of Conference. The abstract(s) should not have more than 400 words and should be sent as email attachment to: iasr.conference@gmail.com

1. Abstracts must be submitted electronically as an attachment in MS WORD format via Email: iasr.conference@gmail.com
2. Abstracts should be data oriented reflecting the major findings of the paper.
3. All abstracts will be reviewed by panel of experts and will be selected either for oral or poster presentation.
4. At least one author should register by paying the required registration fee. Only registered participants will be allowed to attend the Conference.
5. The title of the paper centered aligned (Font Size- 14, Style- Times New Roman Bold).
6. Name of the author(s) centered in bold letters (Font Size- 12, Style- Times New Roman Italic).
7. The author(s) should clearly mention their name, affiliation, contact number and e-mail. The name of the corresponding and presenting authors should be specifically mentioned (Font Size- 12, Style- Times New Roman Normal).
8. Keywords (3-5), avoiding duplication with the title.

FULL PAPER

Full papers will be published in a book volume with ISBN after the conference.

IMPORTANT DATES

Submission of Abstracts: **28.01.2024**
Abstract Acceptance Notification: **29.01.2024**
Submission of Registration Fees: **30.01.2024**



IASR AWARD

IASR recognizes the contribution of scientists, academicians, researchers in the different fields of science research and education. The Institute has instituted several awards to motivate and further the spirit of the talented ones in the field of science research and education. The selection of the awards is considered mainly on the basis of the merit.

Lifetime Achievement Award for Research/ Teaching (Above 58 years of age. Ph.D. is essential)	Distinguished Scientist/ Academician of the Year Award (Above 55 Years of age. Ph.D. is essential)
Scientist/ Academician of the Year Award (Above 45 Years of age. Ph.D. is essential)	Young Scientist/ Academician of the Year award (32-45 years of age. Ph.D. is essential)
Junior Scientist of the Year Award (Below 32 years of age. Ph.D. is essential)	Junior Researcher Award (Only for the Research Scholars with below 32 Years of age)
World Award for Research and Development (Ph.D. with a good number of research papers, patents etc.)	Science Excellence Award/ Research Excellence Award (Above 50 years of age. Ph.D. is essential)
IASR Excellence Award (For outstanding contribution with Ph.D. for research in the field of agriculture, Environment, Zoology, Botany, Physics, Chemistry, Microbiology, Biotechnology, Biochemistry etc.)	Eminent Scientist/ Agriculturist/ Ichthyologist/ Microbiologist/ Environmentalist/ Ecologist/ Entomologist/ Geneticist/ Parasitologist/ Cytologist/ Taxonomist/ Plant Pathologist/ Physiologist/Biotechnologist/ Anthropologist Award (Above 50 Years of age. Ph.D. is essential)
Environmentalist/ Agronomist/ Entomologist of the Year Award	Vigyan Retha Award (Above 55 Years of age. Ph.D. is essential)

FELLOW is conferred to the scientists/ academicians in recognition of the outstanding contributions to the field of Academics, Scientific Research, Innovation etc. **Fellows are entitled to suffix "FIAScR" after their name.**

Interested Persons may send their biodata to: iasrindia@gmail.com or Call/ WhatsApp on 9831446832 or visit: www.iasr.ind.in

Last date of Award Application: **23rd January, 2024**

REGISTRATION FEES

IASR MEMBERS/BERHAMPORE GIRLS' COLLEGE/ASUTOSH COLLEGE/MURALIDHAR GIRLS' COLLEGE

Faculty/ Academician/ Scientist	₹1200	₹1000
Research Scholars	₹1000	₹800
Student	₹800	₹500
Accompanying Person	₹1000	-
Foreign Delegate	\$50	-

Registration fees include the Registration Kits (Folder, Writing Pad, Pen), Participation/ Presentation Certificate, Breakfast- Lunch- Dinner- Tea for all the conference days. Participation Certification will not be issued to the accompanying persons.

PAYMENT METHODS

BANK ACCOUNT DETAILS

Name of the Account: IASR
Bank & Branch: HDFC Bank, Bidhanagar Br.
Account No: 50200067100349
IFSC: HDFC0002697

PHONEPE/GPAY

9831446832 (Tanmoy Rudra)

Registration fees can be sent only by Bank Transfer through NEFT/ BHIM UPI/ Google Pay/ Phone Pay or any mode of digital Banking

CONTACT PERSON

Dr. Bhaskar Mahanayak: 9547722205/6295260820
Rabul Hoque: 6297158034/9609268155
Dr. Tanmoy Rudra: 9831446832

CONFERENCE SECRETARIAT

International Academy of Science and Research (IASR)
42, Station Road, Rahara, Kolkata-700118, West Bengal, India
Mob./WA: 9831446832
E-mail: iasr.conference@gmail.com
Website: www.iasr.ind.in

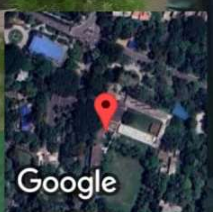
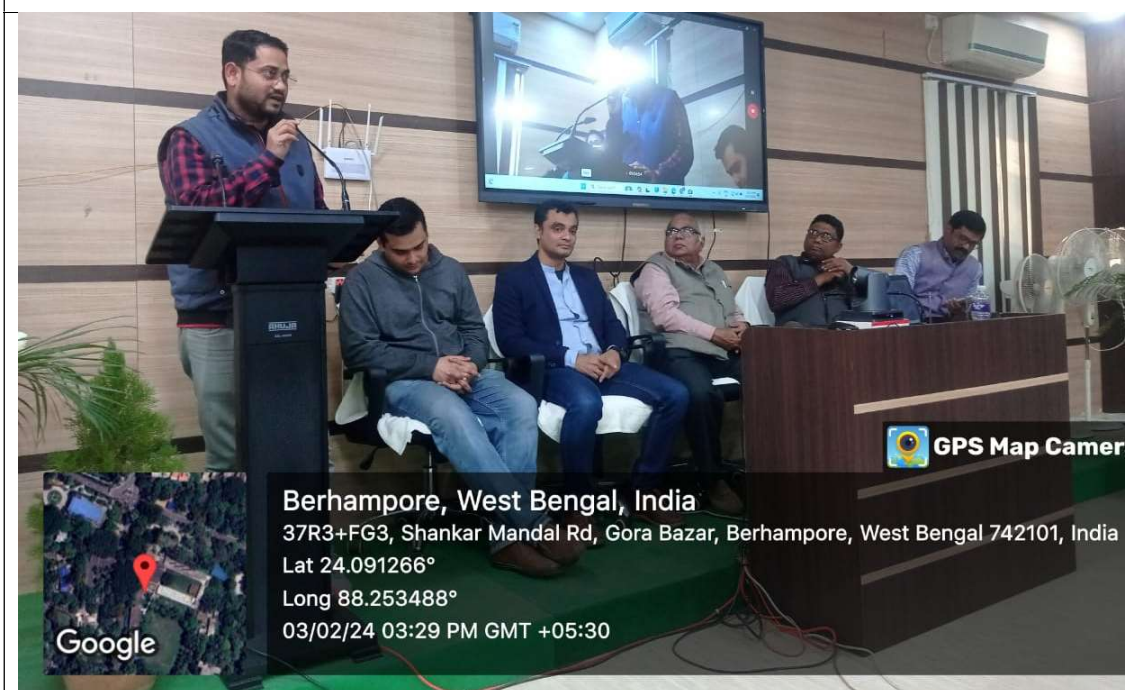
Photo Gallery







Berhampore, West Bengal, India
37R3+FG3, Shankar Mandal Rd, Gora Bazar, Berhampore, West Bengal 742101, India
Lat 24.091266°
Long 88.253488°
02/02/24 02:52 PM GMT +05:30




Berhampore, West Bengal, India
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Certificates


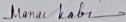


Certificates of Session Chair and Co-chair




NATIONAL SEMINAR ON
"ECONOMIC ZOOLOGY AND SUSTAINABLE DEVELOPMENT"
Organized By:
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In Association with
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In Collaboration with:
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DEPT. OF ZOOLOGY AND ECONOMICS MURLIDHAR GIRLS' COLLEGE, KOLKATA

CERTIFICATE OF PARTICIPATION AND APPRECIATION

 This is to certify that Dr. Tapan Kumar Roy of
Department of Zoology (P.G.) Asutosh College, Kolkata has
 participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the
 Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February,2024 and acted as
 Chairperson/ Co-Chairperson/ Plenary Speaker and delivered a paper on.....

			
Prof. (Dr.) Sudip Barat President, IASR	Dr. Manas Kabi Principal Ashutosh College	Dr. Kinjalkini Biswas Principal Muralidhar Girls' College	Dr. Hena Sinha Principal Berhampore Girls' College


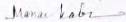


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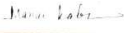


CERTIFICATE OF PARTICIPATION AND APPRECIATION

 This is to certify that Dr. A. R. Md. Mustafizur Rahman of
Pr. Department of Zoology, Asutosh College has
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 Chairperson/ Co-Chairperson/ Plenary Speaker and delivered a paper on..... X.....


			
Prof. (Dr.) Sudip Barat President, IASR	Dr. Manas Kabi Principal Ashutosh College	Dr. Kinjalkini Biswas Principal Muralidhar Girls' College	Dr. Hena Sinha Principal Berhampore Girls' College

 Date: 3rd February,2024

Certificate Plenary Speaker

 <p style="text-align: center;">NATIONAL SEMINAR ON</p> <p style="text-align: center;">"ECONOMIC ZOOLOGY AND SUSTAINABLE DEVELOPMENT"</p> <p style="text-align: center;">Organized By:</p> <p style="text-align: center;">Dept. of Zoology and Economics, Berhampore Girls' College</p> <p style="text-align: center;">In Association with</p> <p style="text-align: center;">International Academy of Science and Research (IASR)</p> <p style="text-align: center;">In Collaboration with:</p> <p style="text-align: center;">DEPT. OF ZOOLOGY (P.G.) AND DEPT. OF ECONOMICS, ASUTOSH COLLEGE & DEPT. OF ZOOLOGY AND ECONOMICS MURLIDHAR GIRLS' COLLEGE, KOLKATA</p> <p style="text-align: center;">CERTIFICATE OF PARTICIPATION AND APPRECIATION</p>			
<p>This is to certify that <u>Dr. A. R. Md. Mustafizur Rahman</u> of <u>Ph. Dept. of Zoology, Asutosh College, Kolkata, West Bengal</u> has participated in the National Seminar on "Economic Zoology and Sustainable Development" held at the Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and acted as Chairperson/ Co-Chairperson Plenary Speaker and delivered a paper on "<u>Dietary Pattern and Food Habit Difference in Islamic and Non-Islamic Community and Difference in the Prevalence of Hypertension.</u>"</p>			
 <hr/> Prof. (Dr.) Sudip Barat President, IASR	 <hr/> Dr. Manas Kabi Principal Ashutosh College	 <hr/> Dr. Kinjalkini Biswas Principal Muralidhar Girls' College	 <hr/> Dr. Hena Sinha Principal Berhampore Girls' College
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
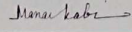


Certificate of excellence




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CERTIFICATE OF EXCELLENCE

This Certificate of Excellence is being presented to Sri/ Smt/ Dr. Dipanwita Mishra.....
of Department of Zoology, Asutosh College, Kolkata.....for his/her outstanding paper/ poster
presentation in the National Level Seminar on "Economic Zoology and Sustainable Development" held at the
Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February,2024.

			
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
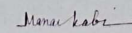


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CERTIFICATE OF EXCELLENCE

This Certificate of Excellence is being presented to Sri/ Smt/ Dr. Ishita Saha.....
of Department of Zoology, Asutosh College, Kolkata.....for his/her outstanding paper/ poster
presentation in the National Level Seminar on "Economic Zoology and Sustainable Development" held at the
Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February,2024.

			
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



Certificates of presentation




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In Collaboration with:
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DEPT. OF ZOOLOGY AND ECONOMICS MURLIDHAR GIRLS' COLLEGE, KOLKATA

CERTIFICATE OF PARTICIPATION AND APPRECIATION

This is to certify that Shahana Rahman of Department of Zoology, Asutosh college has participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and acted as Chairperson/ Co-Chairperson/ Plenary Speaker and delivered a paper on MICROPLASTICS UNVEILED: A COMPREHENSIVE EXPLORATION OF SOURCES, PHYSICAL AND CHEMICAL PROPERTIES, AND ENTRY ROUTES IN ANIMALS; SPECIAL EMPHASIS ON POULTRY-SPECIFIC EFFECTS AND ECONOMIC ZOOLOGY IMPLICATIONS; A BRIEF REVIEW

			
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



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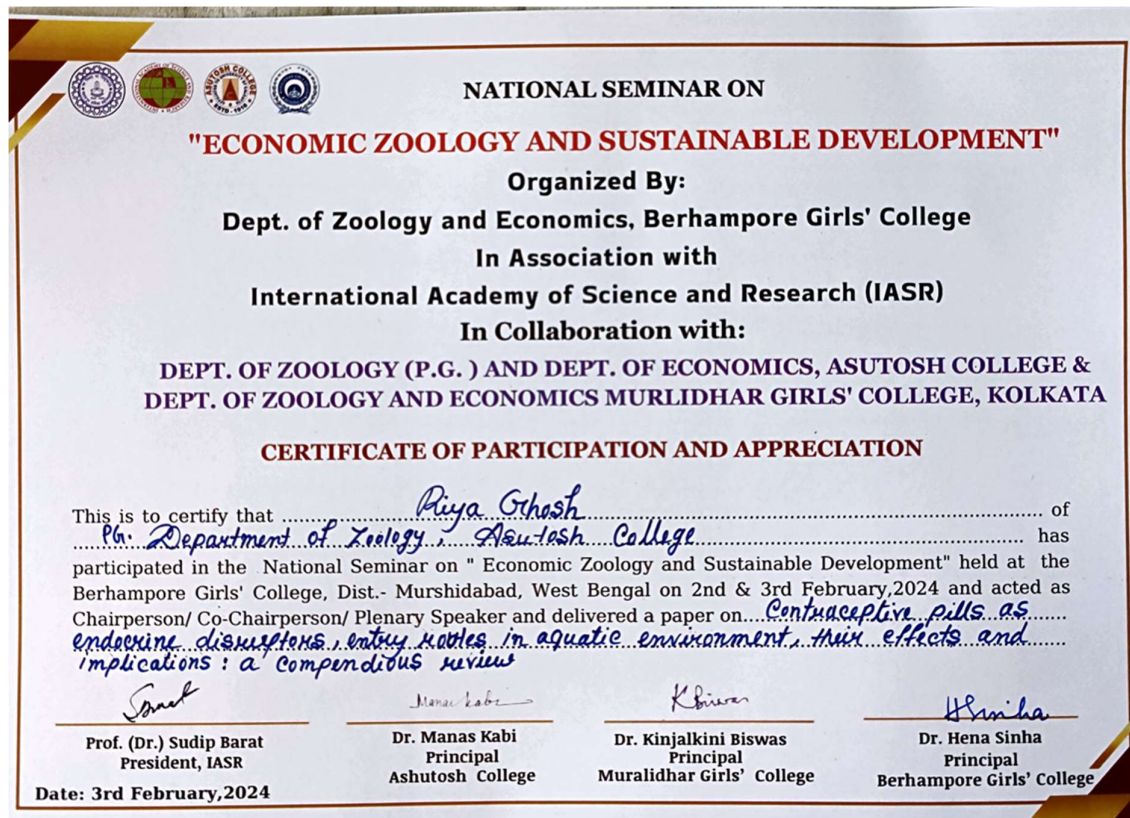
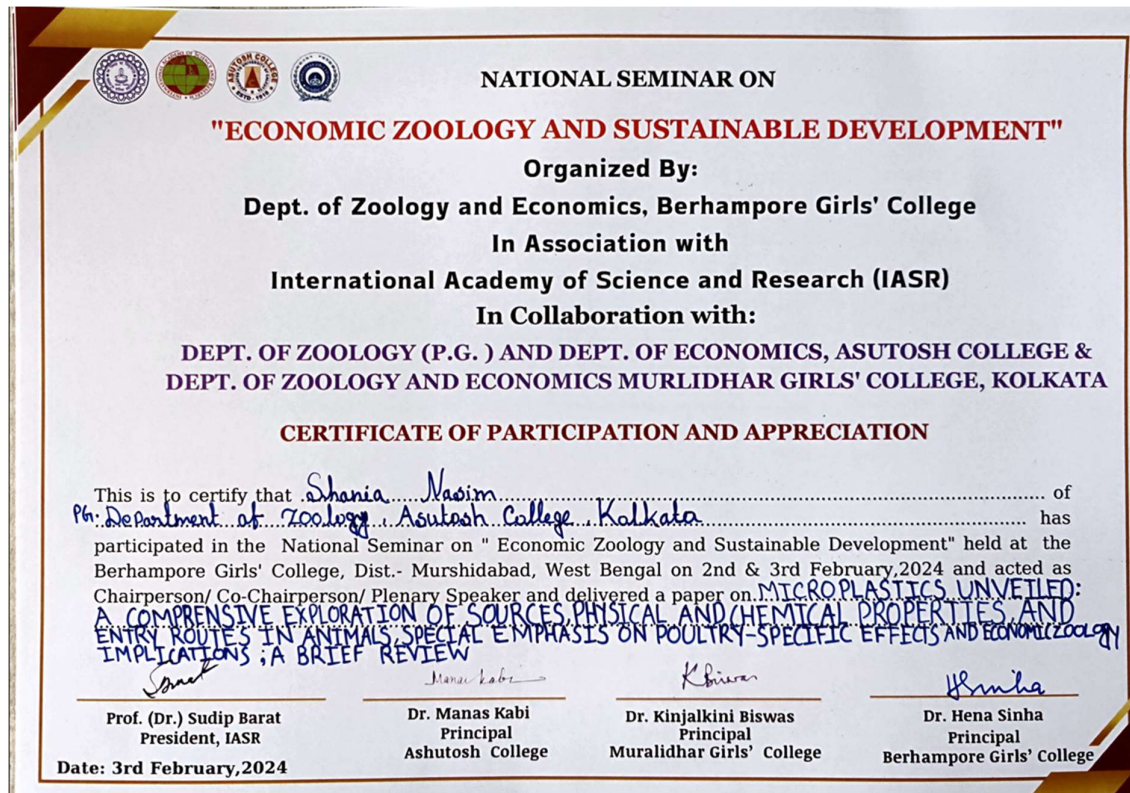
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CERTIFICATE OF PARTICIPATION AND APPRECIATION

This is to certify that Yedansha Chakrabarti of Department of Zoology, Asutosh College has participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and acted as Chairperson/ Co-Chairperson/ Plenary Speaker and delivered a paper on Risks and rewards of hormone use on the poultry industry and associated consequences on economic zoology and sustainability, a brief review

			
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
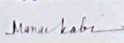
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CERTIFICATE OF PARTICIPATION AND APPRECIATION

This is to certify that Sneha Tribady of Pl. Department of Zoology, Asutosh College has participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and acted as Chairperson/ Co-Chairperson/ Plenary Speaker and delivered a paper on Contraceptive pills as endocrine disruptors, entry routes in aquatic environment, their effects and implications: a Compendious review

			
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
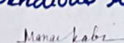

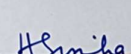
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
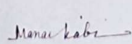

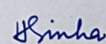
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CERTIFICATE OF PARTICIPATION AND PRESENTATION

This is to certify that of
 Shruti Das has
 participated in the National Seminar on "Economic Zoology and Sustainable Development" held at the
 Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and presented a
 paper on Animal Science and livelihood of women an exposition

			
Prof. (Dr.) Sudip Barat President, IASR	Dr. Manas Kabi Principal Ashutosh College	Dr. Kinjalkini Biswas Principal Muralidhar Girls' College	Dr. Hena Sinha Principal Berhampore Girls' College

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
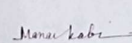

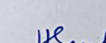
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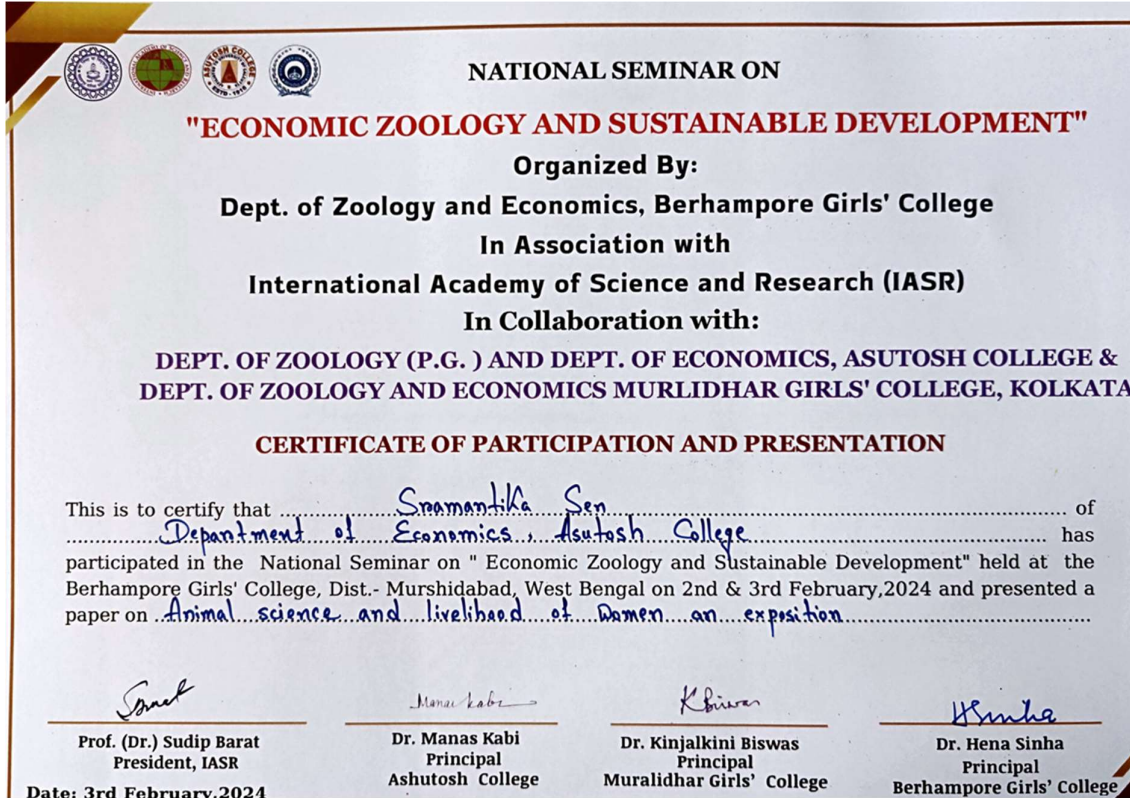
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CERTIFICATE OF PARTICIPATION AND PRESENTATION

This is to certify that of
 Sohini Pal has
 participated in the National Seminar on "Economic Zoology and Sustainable Development" held at the
 Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February, 2024 and presented a
 paper on Animal science and livelihood of women an exposition

			
Prof. (Dr.) Sudip Barat President, IASR	Dr. Manas Kabi Principal Ashutosh College	Dr. Kinjalkini Biswas Principal Muralidhar Girls' College	Dr. Hena Sinha Principal Berhampore Girls' College

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CERTIFICATE OF PARTICIPATION AND PRESENTATION

This is to certify that Snamantika Sen of
Department of Economics, Asutosh College has
participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the
Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February,2024 and presented a
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Prof. (Dr.) Sudip Barat
President, IASR

Dr. Manas Kabi
Principal
Ashutosh College

Dr. Kinjalkini Biswas
Principal
Muralidhar Girls' College

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Principal
Berhampore Girls' College

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CERTIFICATE OF PARTICIPATION AND PRESENTATION

This is to certify that Purnasha Chakraborty of
Department of Economics, Asutosh College has
participated in the National Seminar on " Economic Zoology and Sustainable Development" held at the
Berhampore Girls' College, Dist.- Murshidabad, West Bengal on 2nd & 3rd February,2024 and presented a
paper on Animal science and livelihood of women an exposition

Prof. (Dr.) Sudip Barat
President, IASR

Dr. Manas Kabi
Principal
Ashutosh College

Dr. Kinjalkini Biswas
Principal
Muralidhar Girls' College

Dr. Hena Sinha
Principal
Berhampore Girls' College

Date: 3rd February,2024

