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President, GB

PATRON

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Principal

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Dr. Abhoy Mondal

Dr. Biswajit Pal

Dr. Sahidul Mondal

Dr. Dibyendu Saha

Dr. Soumyabrata Chakraborti

Dr. Gopal Dev Mondal

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Dr. Sankar Dev Maiti

Dr. Manikuntala Kanrar

Mr. Arup Dhara



Amta, Howrah

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Shaping smarter minds for a
smarter world

ABOUT US

Ramsaday College, one of the oldest colleges of Howrah District, was established in 1946. On 1st August, exactly a year before the nation could call itself independent, the key to building a new nation, learning for individual independence, was handed over to people of Amta and its surroundings, by Late Panchanan Chongdar of Howrah in the form of establishing the educational institution. The visionary Panchananbabu named the college Ramsaday, in memory of his father Late Ramsaday Chongdar. This College stands as a memento of the fulfilment of a visionary dream of Panchanan Chongdar.

AIMS OF THE CONFERENCE

- Students would get a flavour of R&D in the field of application of AI. This platform would certainly provide a huge exposure to the deserving students.
- This conference under the theme 'Science Popularization Programme' would enhance the scientific concepts and knowledge not only the students from science background but also from other disciplines including commerce and humanities.
- In cope with NEP 2020, this program would promote on interdisciplinary research.
- The propose program is aimed to display how AI can be implemented in various disciplines of science which includes Physics, Chemistry, Zoology, Physiology and Mathematics.
- The present students and scholars would get interactions with experts from the different disciplines.
- The students would get a good exposures to boost up their confidence in next level about engagement with research work.



Sponsored by
Department of Science &
Technology and Biotechnology,
Government of West Bengal
(Proposal Submitted)

1ST INTERNATIONAL CONFERENCE ON
APPLICATION OF ARTIFICIAL INTELLIGENCE IN SCIENCE,
TECHNOLOGY, ENGINEERING AND MATHEMATICS
(ICAAI-STEM)

11 - 12 MARCH, 2026
(HYBRID MODE)



Organized by
Ramsaday College
Amta, Howrah

Venue: Auditorium



RESOURCE PERSONS

Dr. Sk Amanullah

Aix Marseille Université, France

Prof. Tapan Kumar Kar

Professor, Dept. of Mathematics, IEST, Shibpur

Dr. Raj Kumar Manna

School of Medical Science and Technology, IIT, Kharagpur

Prof. Debnarayan Jana

Professor, Dept. of Physics, University of Calcutta

Dr. Sumit Ranjan Maity

Japan Synchrotron Radiation Research Institute, Hyogo, Japan

Dr. Arup Ghorai

Department of Material Science and Engineering (MSE), Pohang University of Science and Technology, Pohang, South Korea

Dr. Shyamal Ghosh

School of Data Science, IISER, Thiruvananthapuram.

Dr. Raju Bej

JBM School of Health Sciences and Technology, IIT Guwahati

Dr. Shanti Gopal Patra

Dept. of Chemistry, NIT, Silchar

Dr. Sankar Prasad Mondal

Department of Applied Mathematics,
Maulana Abul Kalam Azad University of Technology, West Bengal

Dr. Khondekar Lutful Hassan

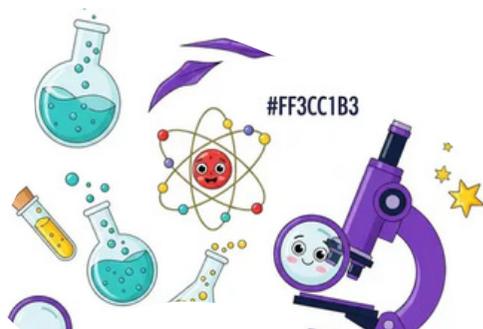
Department of Computer Science and Engineering,
Aliah University, Newtown, Kolkata

Dr. Kanisha Pujaru

Centre for Data Science, Siksha O Anusandhan, Institute of Technical Education and Research, Bhubaneswar

Dr. Rakesh Tamang

Dept. of Zoology, University of Calcutta



CALL FOR PAPERS

Original research works on the following themes are invited for presentation at the conference. The papers for the conference should preferably be typed in Word/LaTeX format with standard style. The abstract (within 300 words) should be uploaded through the registration link on or before **8th March**. Publication would be done in ISBN/SCOPUS indexed Book (subject to a sufficient number of quality papers). Nominal publication charges may be required, as per the policy of the concerned journal.

Conference Themes

The conference focuses on following themes (but not restricted to)

- AI and ML in Physics and Material Science
- AI and ML in Chemistry and Biochemistry
- Application of Deep Learning in Healthcare
- LLM and its Applications in Academics
- Soft Computing and its applications in Real World
- AI in Engineering and Technology
- AI in Teacher Education: Policy, Practice, and Prospects
- AI in Humanities and Social Science
- AI in Biological Sciences

REGISTRATION

Registration should be done on or before **8th March** using the following link upon payment of the registration fee as mentioned below.

[For Registration Click Here](#)

REGISTRATION FEES

Faculty & Research Scholars	300 (Online) 500 (Offline)
Students	200 (Online) 300 (Offline)

Bank Account Details

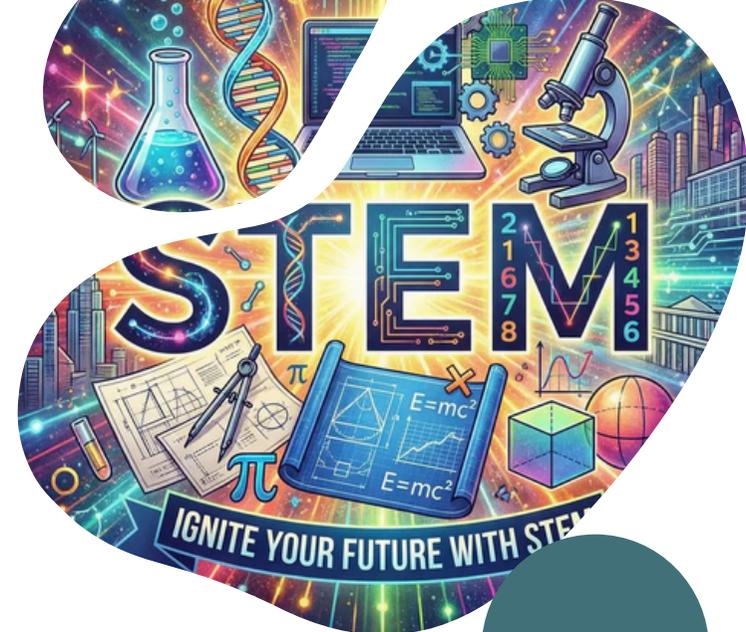
A/C Name: Ramsaday College General Fund

Bank Name: HDFC Bank

A/C Number: 50100647381414

IFSC: HDFC0001921

(Alternatively, [SCAN](#) the QR code for payment given aside.)



OBJECTIVES

- To realize the present undergraduate students about the use of various AI related tools and their applicability in different fields.
- To establish a platform for budding researchers, as well as faculty members and students, and to establish interactions among them.
- To utilize interactions among researchers to get feedback for the development of software tools.
- To represent the correlation between quantitative study and qualitative study.
- To enhance understanding of how various branches of STEM subjects uses AI and to encourage interdisciplinary studies.
- To involve students from humanities background (as more than 80% students are from Arts background) in dealing with AI.