



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

**Institution's Innovation Council.
Dr. B C Roy Engineering College, Durgapur.**

- I. Title of the Event: Celebration of National Science Day**
- II. Program Theme: Workshop on Mathematics, An invited talk on the topic " From Probability to Prediction: The Mathematical Roots of Machine Learning" .**
- III. Date& Time: 28-02-2025, From 10:30 am**
- IV. Event Coordinators: Dr. Jayanta Pal**
- V. Number of Student Participants: 86**
- VI. Number of Faculty Participants: 10**
- VII. Number of External Participants, if any: 01**
- VIII. Expenditure Amount, If any: Rs. 5800/-**
- IX. Mode of Session delivery: Offline and Online**
- X. Speaker details, If any(50-100 words):**

Dr. Abhijit Debnath is an Associate Professor in the Computer Science Department at UEM, Kolkata. He holds a Ph.D. from Yonsei University, South Korea (ranked 56th globally), where he received the Outstanding Foreign Researcher Scholarship. With over 12 years of teaching experience at Asansol Engineering College, he has also authored two books on statistics. His research expertise spans on the following topics optimization, supply chain, operations research, machine learning, and deep learning on. Currently, he is working on NLP models for content moderation to mitigate toxicity in online platforms. He has also worked as a research associate in Korean govt. project on sustainability.

- XI. Objective of the event (100-150 words):** The event was very much useful for encouraging the students from the first year itself. They had been trained how to present a Workshop on Mathematics and to create positive competitive environment.

XII. **Benefit in terms of learning/ Skill/ Knowledge obtained (150-200 words):** The students learn how to prepare a ppt for Workshop and how to present it in front of the audience. From the speaker's talk about "From Probability to Prediction: The Mathematical Roots of Machine Learning" the faculty and students both are obtained lot of knowledge about the topic.

XIII. **Feedback received from the guest/ participants:** All the faculty members, HODS and students enjoyed the program very much.

XIV. **Remarks, if any(50-100 words):**

XV. **Poster or Banner of the event:**



Flyer :

NATIONAL SCIENCE DAY 2025

ORGANIZED BY
Department of Basic Science & Humanities,
in Association with
Institution's Innovation Council,
DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR, W.B

ACTIVITIES

1. Workshop on Mathematics from 10:30 am
2. An invited talk on the topic " From Probability to Prediction: The Mathematical Roots of Machine Learning" from 12:45 pm
3. Scientific Models presented by students from 2:30 pm.

About National Science Day
National Science Day is celebrated in India on February 28 each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930.

BASIC SCIENCE & HUMANITIES
"Science clears the field on which Technology can build". A famous quote from Heisenberg, a renowned scientist. A strong basic background of mathematics, physical sciences and presentable communication skill is essential to become a good Engineer. A dedicated team of excellent faculty members from esteemed Institutions like IIT, BESU and Jadavpur University has made the foundation of our Department, Basic Science and Humanities, very strong. A good mutual understanding among the administration/Management is our strength. We are the first step that every learner takes as soon as they enter, the college irrespective of their programs of study. On behalf of BSH Dept, we stand committed to BREC's pursuit of excellence.

A WORKSHOP ON
From Probability to Prediction: The Mathematical Roots of Machine Learning

Date
FEBRUARY 28th, 2025

Time
12:45 PM to 2:30 PM

Registration Link
<https://forms.gle/Mx3FQvvrRoPs9W7>

Whatsapp Group Joining Link

Invited Speaker:
Prof. (Dr.) Abhijit Debnath
Associate Professor
Department of Computer Science Engineering
University of Engineering and Management,
Kolkata

XVI. Photographs (5 (max) for offline or screenshots for online):



