



BPPIMT - NEWSLETTER

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of

B.P. Poddar Institute of Management and Technology

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Life Skills and Human Values: Foundations of a Meaningful Life

In today's fast-changing world, academic knowledge alone is not enough to shape a well-rounded and successful individual. Life skills and human values form the invisible framework that guides our decisions, actions, and relationships. Learning life skills such as critical thinking, creative thinking, effective communication, and coping with stress empowers individuals to navigate challenges with confidence. These skills help students think critically, adapt to new situations, work in teams, and express themselves effectively—qualities that are essential not only in classrooms but also in professional and personal life.

Equally important are human values—honesty, empathy, respect, compassion, responsibility, and integrity. These values shape our characters and define who we are as human beings. When we practice good values, we contribute to a harmonious society, build strong relationships, and earn the trust of those around us. Values act as a moral compass, guiding us to make ethical choices even when situations are difficult.

The blend of life skills and values creates a powerful foundation for success. A person who communicates well, manages emotions, respects others, and remains honest in her/his actions naturally stands out in any environment. Such individuals become responsible citizens, positive contributors to society and dependable leaders. They are better equipped to handle pressure, resolve conflicts, and seize opportunities.

Prof. (Dr.) Sutapa Mukherjee
Principal
BPPIMT

ACADEMIC NEWS:

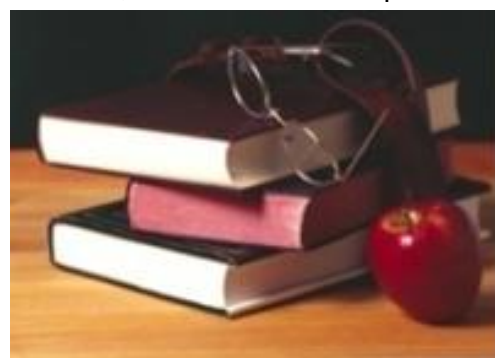
Publications:

Journal:

- ✍️ **Arijit Dey**, Shrivastava, J. N.; and Kumar, C, “Adverse Drug Reaction Detection from Social Media Review Using BERT Technology”, International Research Journal of Multidisciplinary Scope, 05(01): Page 405–416, Jan 2024
- ✍️ **Pratap Chandra Mandal**, Imon Mukherjee, and Biswanath Chatterji, “Integer Wavelet Transform based High-Capacity Secure Steganography Scheme QVD-LSB,” Multimedia Tools and Applications, Springer, ISSN: 1380-7501, vol. 83, Jan. 2024, Page 62651–62675.
- ✍️ T. Dutta, S. Santra, D. Majumdar, and **Surajit Mandal**, “An applicative substantiation of the Radon Transform appertain to Image Segmentation for the Prognosis of Metastatic Oncogenesis vis-a-vis Lung Cancer: a Boon in the Novel Emergences of Artificial Intelligence Manoeuvred Amelioration”, Int. J. of IT, Res. & App, 3 (1) 30 Mar 2024 35-43, ISSN: 2583 5343
- ✍️ **Sayantana Chakrabarti**, **Sudipta Roy**, Pranab Gharai, Soumit Chowdhury, “Data Security Perspective in Secure Data Communication”, Scientific Voyage, ISSN: 2395-5546, Vol. 3 No. 4, Page 6-8. February 2024
- ✍️ **Sayantana Chakrabarti**, **Sudipta Roy**, Pranab Gharai, Soumit Chowdhury, Papri Majumdar, Sneha Chatterjee, Abhik Chakraborty, Mayank Sekhar, “Study on Two Stage Authentication for Online Transaction in Mobile Devices”, Scientific Voyage, ISSN: 2395-5546, Vol. 3 No. 4, Page1-5. February 2024.
- ✍️ **Debarati Dey Roy**, Pradipta Roy, Debashis De, “First principle and deep learning based switching property prediction of optical bio-molecular switch”, Microsystem Technologies, March 2024. ISSN: 0946-7076
- ✍️ **Debarati Dey Roy**, Vusala Nabi Jafarova, Aynura Alisa Hadiyeva, Pradipta Roy. “A comprehensive investigation on electronic properties for quantum-confined Cobalt doped SiC nanotube: a DFT approach”, International Journal of Nano Dimension, Vol. 15, Issue 2, Mar 2024
- ✍️ M. Hossain, K. Mondal, J. K. Rakshit, **Surajit Mandal**, A. Goyal, and Y. Massoud, "Generation of all-optical Walsh-Hadamard code using silicon micro-ring resonator", Journal of Nanophotonics 18(1) ,016010 Page 1-14. 05 Mar 2024

Conferences:

A. Ghosh, A. K. Goswami, A. Basu, M. Bose and **T. K. Basu**, "An IoT-based Smart Building Energy Management using DSM Strategies," 2024 3rd International conference on Power Electronics and IoT Applications in Renewable Energy and its Control (PARC), Mathura, India, Feb 2024, Page 123-128.



PATENTS & COPYRIGHT

- “Generation of Probabilistic Model for Metastasis of Cancer in Human Body”, Dipankar Majumdar, Soumen Santra and **Surajit Mandal**, Intellectual Property India, Copyright Office, Government of India.

Registration Number: SW-18430/2024,

Date of Registration: 13/03/2024.

Dairy Number: 33502/2023-CO/SW, Date of Application: 15/12/2023.

INSTITUTIONAL NEWS:

New Academic Session

The Even semester class for the session 2023-24 for 3rd year and 4th year of B. Tech commenced on 22nd February, 2024. 1st year & 2nd year B. Tech and 1st year MCA & M. Tech commenced on 5th March, 2024.

Students Achievements

- Students' team Devta participated in KSHITIJ 2024, the tech fest held by IIT Kharagpur and secured 2nd position in Robo war 8 kg category on 21st January 2024 and they have received an award for the most destructive bot in 8kg category also.



- Institute students' team comprising of Sayandip Bhattacharyya, Rahul Sinha and Parthiv Modak from Department of Computer Science & Engineering secured a position in top 3 out of 400+ teams in SAP ICOE Hackathon 2024, organized by International Center of Excellence for AI, Data Science and Futuristic technologies in association with SAP community Kolkata.



- At Paridhi 2.24, hosted by Meghnad Saha Institute of Technology, Team Devta from B. P. Poddar Institute of Management & Technology secured 1st prizes in both the 15kg War and Robo Race categories.
- Mr. Mookul Paul, final year student of the Department of Electrical Engineering acquired 3rd position in the Wevicle 5.0 Ideathon organised by Techno Main Saltlake, Kolkata.

Industry Visit:

❖ A one-day industrial visit was organized by the Department of Electrical Engineering at Haldia Energy Limited on 11th March, 2024. Haldia Energy Limited, developed a 2X300 MW Thermal Power Plant at Haldia, West Bengal which started commercial operation from January 2015 onwards.



❖ A one-day industrial visit was organized at Ardent Computech Software Ltd., Salt Lake Sector- V on 22nd March, 2024 under guidance of Mr. Mahendra Dutta, Technical Head and Mr. Avik Das, Sr. Scientist, TCS Kolkata.

❖ The Department of Electrical Engineering arranged an Industrial Visit for the second-year students to acquire first-hand view and knowledge of prevailing processes of core-industry on 25th April, 2024 at Paharpur Cooling Tower Factory, Bhasa Unit, 14, Diamond Harbour Road. At the Control Room of the factory, Mr. Himadri Dhar, Assistant General Manager (HR) interacted with the students to give them an overview followed by Mr. Arnab Bhakta speaking on the Maintenance part and Mr. Biplab Bhattacharya touching upon the Hazards and Safety Issues.

Workshop:

A workshop on Robotics organized by Robotics club (Divyantra) of Techforum, BPPIMT on March 15-16, 2024. Ayan Mahapatra CEO & Founder, Blackbird RobotiX Pvt Ltd was the speaker. Techforum was happy to organise a session on this cutting-edge domain and hands on learning to enlighten students. The students actively participated in the workshop.



Faculty Seminar:

A faculty seminar on “Guided Missile System” was held on 28th May, 2024, organized by the Department of Electrical Engineering, BPPIMT in association with IEEE & IAS chapter Kolkata Section in collaboration with IIC cell, BPPIMT. The speaker of the session was Mr. Sajal Kanti Ray, distinguished scientist and former director of Research Center IMARAT (RCI, Hyderabad), DRDO.



Student Chapter Activities:

▪ SPIE Student Chapter, BPPIMT conducted an Orientation Program, coordinated by the students of 3rd Year, ECE department, on 28th February, 2024, to provide insights into the world of optics and photonics, fostering a sense of community and inspiring future collaboration. The ceremony featured engaging talks, interactive sessions, and the chance for students to connect with seasoned members, laying the foundation for a dynamic and enriching journey with SPIE.



▪ A seminar on “SpaceLens: Exploring Earth from Above” was organized

by department of Computer Science and Engineering in association with the IEEE Student Branch, BPPIMT on 14th March, 2024. It provided insightful exploration of remote sensing technology and its applications in Earth observation with Smt. Sharmistha B Pandey, an esteemed ISRO - Indian Space



Research Organization Scientist/Engineer and a proud alumna of BPPIMT, as guest speaker.

▪ SPIE Student Chapter, BPPIMT conducted a Social Awareness Program by the students of the core committee, on 3rd March, 2024 at Ghoramara Island, Sundarban. SPIE Student Chapter, BPPIMT took the initiative to donate Solar Home Light System to the Multipurpose Community Centre, empowering partially the island with sustainable energy solutions.



Wall Magazine:



“Electrifying 2.24”- the Wall Magazine was published by the students of the Department of Electrical Engineering on 14th May, 2024. It is the platform for showcasing the creativity and talent of students in exploring the insightful articles, captivating artwork, and inspiring stories. Research and project Publications of Faculty and student members were also

displayed.

Cognizant SME Connect Session:

At B. P. Poddar Institute of Management and Technology campus Cognizant SME Connect Session on “Foundation of Software Engineering - JAVA” was held on 16th May 2024 for the nominated students of 2025 batch.



CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

● Forum and Cell Activities



- The Intra-College Creative Writing Competition - KALPAKALAM 2.24 was held on 13th March, 2024 at C Block Student Activity Cell. The event was organized by the Literary Forum. Around 80 students participated in the event.
- On the occasion of the "Mera Pehla Vote Desh Ke Liye" campaign, the NSS Cell of the Institute organized a Voter's Awareness campaign on 6th March, 2024 and Visual Arts Forum of the Institute organized Voter's Awareness Poster Competition on 13th March, 2024. The students took pledges and took photos in the Voter's selfie zone.
- NSS Cell and Performing Arts Forum of the Institute jointly organized International Women's Day Celebration on 9th March, 2024. A cultural program was organised on the occasion to honour the achievements of women in various spheres.
- Girls' Intra college Throw Ball Tournament, 2024 was held in the West Bengal Volleyball Association, Maidan, Kolkata. The final match was held between CSE and ECE. CSE became the champion.
- NSS Cell of the Institute has celebrated International Day of Yoga to encourage all the Faculty, Staff and Students to practice yoga

● Annual Technical fest "TECHSTORM 2.24"

The annual Technical fest of B.P Poddar Institute of Management and Technology, "TECHSTORM 2.24", the 11th edition of Techstorm, was organised from April 3-5, 2024, to celebrate the spirit of technical skills in budding technocrats. Prof. Dr. Debiprasad Duari, Former Director, Research and Academic of M. P. Birla Institute of Fundamental Research was the chief guest. A total of 16 events had been included under five categories: Brain teasers, Technical, Rovers, Creatives and Games. New events like Tech Writing with poster presentation, Tech Hunt, Aqua Race, Creative Canvas were introduced. There was a huge participation of 1200+ students from more than 30 + colleges across the city of Kolkata. The Valedictory session and Prize distribution ceremony was organized successfully on April 5, 2024 at our institute campus.



"TECHNOMANIA JUNIOR"



A Model Competition and Robotics Workshop for school students 'Technomania Junior' was organized. Students comprising 14 teams accompanied by teachers and parents from 10 schools participated in the event. This Hardware Model Competition Technomania Junior for school students was a huge success.

● Festivals & celebrations

Saraswati Puja

Like every year, the Saraswati Puja of the Institute was celebrated on 14th February 2024, with fun, frolic and devotion. The goddess of knowledge was offered the 'Puspanjali', followed by the distribution of 'Prasad' and a lunch. In a nutshell, the occasion was complete with active participation of the faculty and student members.

● IIC Activities

✍ Two IIC student members and one faculty of IIC cell of the institute participated in the Regional Meet at Sister Nivedita University, Kolkata on 12th January, 2024.

✍ Inter College Business Idea Competition' was organised on 20th January, 2024 with Mr. Abhijit Gupta, Assistant Professor, Department of Applied Science and Humanities, BPPIMT as speaker.

✍ A Lecture Session was organized on 16th March, 2024 by Information Technology department in association with Institute Innovation Council (IIC) on "Fostering Innovation for Academicians & Scientists through IPR" with Dr. Sushil Kumar Mitra, Ex-Deputy controller of Patents and Design & In-Charge, Intellectual Property office (IPO), Govt. of India.

● IIPC Activities

✍ An Industrial Lecture Session was organized on 25th January, 2024 by Information Technology department in association with Industry Institute Partnership Cell on "What matters in Corporate World" with Mr. Moyukh Mazumder, IT Alumni, KPMG, Bangalore as speaker who addressed the students on corporate culture and discussed the difference between Product based



and Service based company followed by question and answer session.

✍ A 1-day Workshop on "Industrial Applications of Cloud Computing and Cyber Security" was held on 18th May, 2024, by Dept. of Computer Applications, and IIPC, BPPIMT in collaboration with Ardent



Computech Pvt. Ltd.

✍ A Virtual Industry led technical skill development program "Python Learning Workshop I – Accenture iAspire" was organised with Accenture iAspire Team on 13th March, 2024.

✍ The Industry Institute Partnership Cell, BPPIMT organised an Industry session on Quantum Computing on 15th March, 2024 with Dr. Ritajit Majumdar, Research Scientist, IBM Quantum as speaker.



✍ A Virtual session on "Olympics of Coding Heralds with HackWithInfy 2024 – Torch Relay Session 2" was held during 26th & 27th March 2024. This session was arranged to familiarize the students with test format and enable them to prepare better for the Qualifiers Round. Sudheesh Nair, Principal Technologist, STG, Infosys, Sneha Dixit, Senior Technologist, STG, Infosys, Monirul Islam, Senior Technologist, STG, Infosys were the key speakers.

▪ **Editorial Committee:** The Editorial Committee consists of a team of Faculty Members with Prof. (Dr.) B.N. Chatterji, Former Dean Academics as the Chief Editor, Prof. (Dr.) Sutapa Mukherjee, Principal as the Chief Advisor and Dr. Rikhiya Dhar Assistant Professor and Ms Shaswati De, Assistant Professor as the Joint Editor of the Newsletter.

▪ **Call for Contributions:** Contribution for the Newsletter on the global and national news related to technical, economical, philosophical and general science etc. is solicited from all the members of the BPPIMT family and the students. The prospective contributors are requested to send their writings in about 200 words electronically to the mail address: bppimnewsletter@bppimt.ac.in. Publication in the Newsletter is at the full discretion of the Editorial Committee.