



Picture Credit: Dr. Manas Jyoti Kashyop



# International Mother Language Day



On the eve of International Mother Language Day, IIT Bhubaneswar organized a talk to commemorate the occasion. Eminent writer, educationist, editor, and political scientist Shri Abhiram Biswal graced the programme as the Chief Guest. The programme was organized to promote awareness of linguistic and cultural diversity and to promote multilingualism, in line with the worldwide celebration as per the UNESCO declaration. This year celebrates the 26th year of International Mother Language Day with the theme “Youth voices on multilingual education”. In his address, Chief Guest Shri Abhiram Biswal underscored that multilingualism is the need of the hour, as one language enriches and strengthens another, creating a secure ecosystem for all mother tongues. Emphasizing the role of youth, he urged young learners—especially students of technology institutions—to actively use technology to preserve, promote, and revitalize indigenous and regional languages. He cautioned that neglecting one’s mother language amounts to eroding cultural identity and collective wisdom and called for conscious action to prevent linguistic extinction.





Speaking on the occasion, Prof. V. Pandu Ranga, Dean (Continuing Education) and Director-in-Charge, IIT Bhubaneswar, emphasized that languages are not merely tools of communication but repositories of culture, history, and identity, forming the foundation of inclusive and meaningful education. He noted that in line with the National Education Policy 2020, IIT Bhubaneswar is committed to promoting multilingualism and preserving mother languages as a catalyst for creativity, equity, and deeper learning among future generations.

Shri Bamadev Acharya, Registrar of the Institute, underlined that a mother tongue embodies the essence of a mother—power, beauty, and identity—and carries a unique way of thinking and cultural wisdom. He underscored the collective responsibility to preserve regional and local languages, respect linguistic diversity, and encourage future generations to learn and cherish their mother language.



Employees of the Institute attended the programme in a large number.

# IIT Bhubaneswar Hosts Talk on MicroLED Technologies and Advanced Gas Sensors

The School of Electrical and Computer Sciences (SECS), IIT Bhubaneswar, in association with the IEEE Bhubaneswar Section, organized a technical talk on emerging electronic and sensing technologies on 19<sup>th</sup> February 2026. The keynote address was delivered by Prof. Ioannis (John) Kymissis, Vice Dean for Infrastructure and Innovation and Kenneth Brayer Professor of Electrical Engineering at Columbia University, New York, on “MicroLEDs for Display and Non-Display Applications”. Prof. Kymissis discussed the superior performance characteristics of MicroLEDs, including high efficiency, luminance, and durability. He highlighted their emerging applications beyond displays, such as biomedical imaging, visible light communication, microscopy, and IoT-enabled systems. He also outlined key technological challenges and ongoing research efforts to address issues related to thermal management, device integration, and system-level optimization.



The session also featured Abhijit Narayan Eshore, Doctoral Researcher at IIT Kharagpur, who spoke on inorganic perovskite-based gas sensors for monitoring climate-relevant atmospheric pollutants. His talk highlighted recent advances in defect engineering, sensor selectivity, and machine learning-assisted gas identification for environmental monitoring applications. Dr. Sayan Dey, Assistant Professor (ECE), School of Electrical and Computer Sciences coordinated the programme.



The event witnessed enthusiastic participation from faculty members, researchers, and students, and provided a valuable platform for academic interaction on cutting-edge developments in electronics, sensing technologies, and climate-relevant engineering solutions

# Workshop on “Advances in Resilient DER, Microgrid, and Electric Vehicle Technologies for Smart Grids

A three-day international workshop on “Advances in Resilient DER, Microgrid, and Electric Vehicle Technologies for Smart Grids” was successfully conducted from 19<sup>th</sup> to 21<sup>st</sup> February 2026 under the prestigious Scheme for Promotion of Academic and Research Collaboration (SPARC) initiative. The programme served as a dynamic platform for knowledge exchange and collaborative engagement among academia, research institutions, and industry. The workshop witnessed enthusiastic participation from research scholars, academicians, and industry professionals from across institutions, reflecting the growing interest and rapid advancements in smart grid technologies and sustainable energy systems.



The event featured an eminent panel of distinguished speakers from globally reputed institutions and organizations, including Prof. Sanjib Kumar Panda, National University of Singapore; Prof. Abhisek Ukil, University of Auckland; Prof. Kaushik Basu, Indian Institute of Science Bengaluru; Prof. Chandan Kumar, Indian Institute of Technology Guwahati; Prof. Venkata Raghavendra Itte, National Institute of Technology Tiruchirappalli; Dr. Bala Naga Lingaiah Ande, AVL India; Prof. A. K. Tripathy, former Director General, CPRI ; Dr. Deepak Ronanki, Indian Institute of Technology Madras; Dr. Deepak Pullaguram, Indian Institute of Technology Kharagpur.





The expert lectures and technical sessions comprehensively covered emerging trends, practical challenges, and innovative solutions in Smart grid architectures and control; Distributed Energy Resources (DERs) integration; Resilient and autonomous microgrids; Electric vehicle technologies and grid interaction; Advanced power electronics and energy management systems. The workshop facilitated vibrant technical discussions, interactive Q&A sessions, and collaborative brainstorming, enabling participants to gain deeper insights into next-generation energy systems. Particular emphasis was placed on grid resilience, renewable integration, electrification of transportation, and sustainable power system design.

The successful conduct of this SPARC-supported workshop marks a significant step toward strengthening international academic collaboration and accelerating research advancements in smart grid and clean energy technologies. The organizers expressed their sincere gratitude to the distinguished speakers, participants, and collaborators for making the event intellectually enriching and impactful. The workshop concluded with a strong commitment to continued research partnerships and innovation-driven progress in resilient and sustainable energy systems.



# National Science Day

Indian Institute of Technology (IIT) Bhubaneswar celebrated National Science Day, commemorating the invention of the Raman Effect by the Indian physicist and Nobel Laureate Sir C.V. Raman, with the theme of the year 'Women in Science: Catalysing Viksit Bharat'. As part of the celebration, Prof. Hirendra Nath Ghosh, Director of National Institute of Science Education and Research (NISER), Bhubaneswar delivered a talk on "Ultrafast Spectroscopy in the Quantum World" on 26<sup>th</sup> February 2026.

In his talk, Prof. Ghosh highlighted that a century of quantum science has fundamentally reshaped modern technology—from semiconductors and ultrafast lasers to quantum computing. Drawing on over three decades of work utilizing ultrafast spectroscopy to probe molecules and materials, he emphasised that understanding femtosecond and attosecond processes is crucial to advancing next-generation optoelectronic devices. He noted that many technologies in everyday use today, including LEDs, mobile displays and solar cells, are outcomes of long-term fundamental research. He also stressed the need for stronger interdisciplinary collaboration among physicists, chemists, engineers and biologists to drive future scientific breakthroughs in India.



At the outset, Prof. Chandrashekhar Bhende, Dean-Post Graduate & Research Programmes, IIT Bhubaneswar delivered the welcome address and introduced the chief guest. On this occasion, the research scholars presented their research work through poster presentations. The members of faculty, staff, students and residents of the Institute attended the programme in a large number

# Neurology Consultation Camp



A Free Neurology Consultation Camp was organized on 8<sup>th</sup> March at the Sanjeevan Health Centre, IIT Bhubaneswar, in collaboration with Apollo Clinic, Jatni, on the occasion of International Women's Day. The initiative aimed to promote neurological health awareness and provide expert medical consultation to the community.

The camp featured consultation by Dr. Shiva Narayan Pattanayak, a specialist in Neurology (DM – Neurology, MD – Medicine) from KIMS Hospital. Patients were given the opportunity to seek medical advice and discuss neurological concerns directly with the expert.



The initiative reflected a commitment to improving public health awareness and ensuring accessible neurological care for the community through professional medical support and consultation services.



# Self-Defence Workshop

The Women's Welfare Committee (WWC), IIT Bhubaneswar, in collaboration with Souls for Solace – The Social Welfare Society of Student's Gymkhana, successfully organized a Self-Defence Workshop on 8<sup>th</sup> March 2026 at the Basketball Court to mark the occasion of International Women's Day.



The workshop was conducted by trained Taekwondo instructors who introduced participants to practical self-defence techniques, basic combat stances, and strategies to respond effectively in threatening situations. The session began with warm-up exercises followed by demonstrations of defensive movements, striking techniques, and situational awareness practices.

Participants were actively engaged in hands-on training, where they practiced various self-defence maneuvers under the guidance of the instructors. The workshop witnessed enthusiastic participation from women students, residents, residents' children, faculty, and staff members of the institute.





The session aimed to promote confidence, awareness, and preparedness among women by equipping them with essential self-defence skills. The interactive nature of the workshop allowed participants to learn practical techniques that can be applied in real-life situations.

The event concluded with a group interaction and photographs with the instructors, marking a successful and empowering initiative towards promoting safety and self-reliance within the IIT Bhubaneswar community.



# Dola Purnima and Holi Celebration



Dola Utsav, Holika Dahan, and Holi were celebrated with pomp and ceremony in IIT Bhubaneswar Campus. Our campus was transformed into a vibrant tapestry of color as faculty, staff, and their families joined hands with our dedicated security, housekeeping, and horticulture teams to celebrate as one. In this joyous exchange, every barrier of gender, class, and status fell away, leaving behind a powerful sense of equality and shared community spirit. The vibrant festival of Dola Mahotsav was joyfully celebrated at Indian Institute of Technology Bhubaneswar on 4<sup>th</sup> March 2026 by ARPAN, the institute's spiritual and religious society. The celebration began with a traditional puja at Maa Pathuruni Pitha, followed by a colorful procession across the campus, including the Director's residence and faculty & staff quarters. Idols of Radha and Krishna were carried in a decorated dola, while devotees sang bhajans, danced, and celebrated the divine love symbolizing the arrival of spring. Members of the Bhaktivedanta Institute also participated in this celebration by performing kirtan. The evening concluded with Prasad Sevan (community dinner) at the Community Center, bringing together the Director Prof. Shreepad Karmalkar and his family faculty, staff, students, and families in a spirit of devotion and festivity.



# Holi Celebration at Vatsalya



**There is no time like Spring,  
when life's alive in everything.**

**Christina Rossetti**



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