

ARYAN INSTITUTE OF ENGINEERING AND TECHNOLOGY

Quarterly News Bulletin

October to December, 2025

AIETALK

THE INSTITUTE

Aryan Institute of Engineering and Technology (AIET), Bhubaneswar, a premier and leading technical institute of Odisha, in East India established in the Year 2009 by Aryan Educational Trust. Our commitment to excellence has been acknowledged by various regulatory bodies and organizations. The Institute has earned an "A" grade accreditation from the National Assessment and Accreditation Council (NAAC) and holds ISO 9001:2015 Certification.

Over the past 15 years, AIET has made significant strides, establishing a strong presence not only within the state but also across the country and internationally. The institute has created an inspiring environment for knowledge development and integration, fostering a sense of social responsibility, human values, and a commitment to societal welfare. In line with the NEP-2020, special emphasis is placed on Outcome-Based Education (OBE).



EDITORIAL

The Aryan Institute of Engineering and Technology (AIET) stand as more than just an educational institution; it embodies a mission to provide exceptional education in engineering and technology. Its vision is to cultivate a generation of talented, dynamic leaders capable of driving the institute's objectives forward. The quarterly newsletter, AIETalk, serves as a platform to showcase the institute's academic, curricular and extracurricular achievements. It captures significant events, including meetings, seminars, guest lectures, workshops, industrial visits, placement drives, NCC, Scout & Guide activities, faculty development programs and conferences hosted by the institute or attended by its members elsewhere. Designed to broaden readers' horizons, it keeps them well-informed about the institute's activities while encouraging the exchange of innovative ideas that enrich its culture and traditions.

This bulletin is expected to be a valuable resource for the institute's members and well-wishers, fostering engagement and growth.

Dr. Dillip Kumar Biswal
Principal AIET

Faculty Council Meeting

Faculty Council Meetings are regularly held under the Chairmanship of the Principal, AIET for streamlining the academic activities including the progress of the Institute. The important points discussed, debated, and accepted for implementation were:

- Smooth conduction of regular classes
- Invited talk, seminar, workshop, FDP to be conducted in the campus
- Industrial Visit for the students.
- Participation of Students in different events like Hackathon, Tech Carnival etc.
- Encouraging research project for final year students by faculty members
- Reformation of Different Committee
- Conduction of Internal / Final Examination for Students
- Preparation for NBA Visit
- Encouraging faculty members to write RPS project proposal

FDP/Seminar/Workshop/ Expert Talk Conducted at AIET

The ECE Department successfully organized a Six-Day Online ATAL Faculty Development Programme (FDP) on “Next-Gen Aerial Communication: Integrating AI and Drone Technology” from 13th to 18th October 2025. The programme was efficiently coordinated by Mr. Priya Chandan Satapathy and Mr. Abhimanyu Kar, with the participation of nearly 200 faculty members from across India.



To spread awareness and encourage wider engagement in the **BPUT Hackathon 2025**, an awareness program was conducted on 14.10.2025 in the AIET Campus.



On the occasion of **MANAK MAHOTSAV-2025**, World Standards Day was observed at Aryan Institute of Engineering & Technology (AIET) in collaboration with the Bureau of Indian Standards (BIS) on 15.10.2025.



The **Viksit Bharat Awareness Program** was conducted by our students on 02.11.2025. As part of the initiative, a rally was organized in a nearby village to promote and create awareness about the upcoming events.



A seminar on the topic **Career Counseling on Data Science** has been carried out by Mr. Soumyakant Satapathy (Director) and Anand Mishra (CEO) from **Golden Industrial Data Analyst Pvt. Ltd, BBSR** on 03.11.2025.

As part of our commitment to strengthen the school–higher education ecosystem, Aryan Institute of Engineering and Technology, Bhubaneswar provided Computer Literacy awareness programs on 03.11.2025 to Labanagiri Govt.High School, Jamukoli under the **Mentoring of Schools by Higher Educational Institutions Initiative** at AIET campus. Around 50 students participated in this program. This initiative aims to provide academic support, exposure to higher education practices, and guidance to school students and teachers for holistic development.



National Education Day was celebrated on 11th November 2025 at the AIET campus in collaboration with the IIC Cell of the Institute, in remembrance of Maulana Abul Kalam Azad, the first Education Minister of India. On this occasion, various events such as quiz, debate, and drawing competitions were organized.



National Entrepreneurship Day was celebrated on 18.11.2025 at the AIET Campus in collaboration with the IIC Cell of the Institute. On this occasion, a quiz competition was organized. **Mrs. Madhusmita Thakur**, Proprietor of Divine H₂O Alkaline and Hydrogen Water Ionizer, Bhubaneswar, graced the event as the Chief Guest and inspired the students with her motivational address.



R&D Awareness and Capacity Building: Workshop on Introducing R&D Processes, Research Ethics, Funding Sources, and Global Best Practices has been conducted by the IIC cell in the AIET campus on 24.11.2025. Prof. (Dr.) Bijoy Kumar Nanda, Former Vice Chancellor of VSSUT, Burla, graced the occasion and addressed all faculty members, sharing his perspectives on achieving academic excellence. After his keynote session, Dr. Nanda led a workshop on NBA (National Board of Accreditation), offering insightful guidance on the accreditation framework, quality standards, and best practices for implementing outcome-based education.



National Pollution Control Day was observed on 02.12.2025 at the AIET Campus in collaboration with the IIC Cell of the Institute. The event aimed to raise awareness about environmental protection, pollution prevention, and sustainable practices. Faculty members and students participated actively in the programme, which included an awareness session on pollution control measures and the importance of environmental responsibility.



Celebration / Events Conducted at AIET

Departmental welcome programs (**Freshers Welcome**) for newly admitted students were successfully conducted by the 3rd semester students on 18th, 23rd, and 24th October 2025, fostering interaction, enthusiasm, and a sense of belonging among the newcomers. The events created a warm and engaging environment, helping the newcomers feel comfortable and connected with their departments.



The “**Minova-2K25**” Mining Day Celebration was held on our campus on 1st November 2025, where Diploma students showcased their innovative project displays as part of the event. Shri Anil Kumar Pati, Retd. General Manager was joined as the chief Guest for this event.





The 76th Foundation Day of The Bharat Scouts and Guides was celebrated with enthusiasm on November 7, 2025, at our campus.



As the **Venue Partner** for the **BPUT Tech Carnival 2025**, Aryan Institute of Engineering and Technology successfully organized and concluded the **Solo Dance and Group Dance** events on 13.11.2025. Approximately 80 participants from various colleges across Bhubaneswar took part in the event.



Graduation Day was celebrated on our campus for the graduating students of the academic year 2024–25 on 10.12.2025. Around 100 pass-out students participated in the program, and certificates were distributed by the Chief Guest Prof. Kamala Kanta Mishra, Retired Professor, Department of Civil Engineering, NIT, Rourkela.



Training & Placement

Aryan Institute of Engineering & Technology is conducted many placement drives for 2026 passing Diploma and BTech/MCA/MBA batch students. Kavya Infotech, Apmosys, Arvind Ltd, S.V. Aluext Profile Pvt. Ltd, Deus Tech Service, Kaizen Software, RamTech, Shri Satiji Infratech and Media Pvt. Ltd, Unlox Academy, Skill Ladder, Balaji Electro Control Pvt. Ltd, Solar Square Pvt. Ltd, Drone Power Pvt. Ltd, Apex Knives Pvt. Ltd, Skyy Rider electric Pvt. Ltd, Chain Code consulting & Research LLP etc.. placement drives are conducted in the quarter October to December 2025 in Physical & Virtual platform. More than 90 number of students have been placed in the drives.



Industry Visit

A technical industrial visit to **CMS Technology** was organized for the 7th semester students on 14.10.2025. The visit aimed to provide practical exposure to the students and enhance their understanding of industrial practices, advanced technological applications, and real-time operational processes.



Contribution

Dr. Koduri Sreelakshmi, Mr. Biswa Ranjan Swain, Dr. Smita Rani Parija, Dr. Lopamudra Das, Barsa Panda, Mr. Prabhakar Rath, **Mr. Priya Chandan Satapathy** published **Design Patent** named “MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) MULTIBAND ANTENNA FOR 5G APPLICATIONS” with Design Number: 466407-001, Dated: 21.10.2025

Events: Participated by the Students

A contingent of approximately 50 students and 5 faculty members participated in the **World Standards Day 2025** celebrations, jointly organized by the **Indian Institute of Technology (IIT) Bhubaneswar** and the Bureau of Indian Standards (BIS), in association with the Research and Entrepreneurship Park, IIT Bhubaneswar on 11.10.2025. During the event, our students Ayush Kumar (2401320057), Santosh Kumar Sahoo (2401320206), Ritesh Pradhan (2401320189) & Soumendra Priyadarshi Mishra (2401320227) from **B.Tech 3rd semester**, **achieved the distinction of securing the Second Prize**, in a tie with the IIT PhD team, in the **IDEATHON** presentation competition conducted as part of MANAK MAHOTSAV-2025 at the IIT Bhubaneswar Campus.



During the Mid-Evaluation phase conducted from 22nd to 24th October 2025, the team “**Bit By Bit**” with Team ID BH25PS05T04, comprising Omm Snehasish Parida (2301320132), Rashmi Ranjan Behera (2301320158), Kuna Debaraj (2301320109), Nihar Ranjan Behera (2301320119), Paban Ku Sahoo (2301320133), and Goutam Kaity (2301320092), has been shortlisted for the **Grand Finale of the BPUT Hackathon 2025** under the category “**AI-Powered Career Recommendation and Internship Matching Platform for BPUT Students**”.



Our diploma students and faculty members participated in the **1st Annual ISTE Diploma Engg. Students Convention of Odisha Section** held on 31st October 2025 at Nilachala Polytechnic College of Engineering, Bhubaneswar.



The **BPUT Tech Carnival 2025**, comprising Technical and Cultural Events from 4th November to 19th November 2025 and Sports Events from 11th December to 18th December 2025, was successfully organized by Biju Patnaik University of Technology (BPUT). More than 75 students from our college enthusiastically participated in various events and competitions, showcasing their talents, creativity, and technical abilities. The event provided an excellent platform for students to exhibit their skills, gain exposure, and engage in healthy competition with participants from different institutions.



Our team **“FLOW”** comprising Rashmi Ranjan Behera, Pratistha Behera, Gautam Kaity, Laxmikant Naik, Paban Kumar Sahoo, and Kiran Bisoyi, has been participated in the **Grand Finale of SIH 2025**, held at Shillong, Meghalaya from **08th to 09th December 2025**. Their problem statement, SIH25001 titled **“Health & Waterborne Disease Early Warning System,”** is a software-based project.



Eight groups comprising 24 students from our college participated in the **BPUT Project Exhibition 2025**, held at GITAM, Khurda on 24th December 2025. The students showcased their innovative projects and demonstrated commendable technical skills, creativity, and problem-solving abilities during the exhibition.



NCC, Scout & Guide Activities



MOUNTAINEERING UTTER KASHI, RISHIKESH BY NIMS, 30.10.25 TO 09.11.25

Our **Scout and Guide** students participated in the **Service Cum Pioneering Camp** held at State Training Centre, Barunei, Khordha from 06.12.2025 to 12.12.2025.

Our Scout and Guide students Biswajit Sethy, Deepak Kumar Das, Guruprasanna Puthal, Debabrata Behera participated in the **Service Camp** held at State Training Centre, Barunei, Khordha from 19.12.2025 to 27.12.2025.



Seminar/Workshop/FDP/Conference Attended by the Faculty Members

Seminar/Workshop/FDP

- Mrs. Madhusmita Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Next-Gen Electronics and Communication Systems: Empowered by ML and AI” at National Institute of Technology, Kurukshetra, from 06/10/2025 to 11/10/2025.
- Mrs. Chinmayi Choudhury have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Design, Development and Optimization of Electric Vehicle For A Green Future” at Shri Mata Vaishno Devi University, Katra, Jammu And Kashmir, from 06/10/2025 to 11/10/2025.

- Mr. Bibhuti Bhusan Panda have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Embedded Finance: Transformation Financial Services In The Digital Era” at Vidyalkar School of Information Technology, Mumbai, from 06/10/2025 to 11/10/2025.
- Dr. Pradyut Kumar Swain, Dr. Debabrat Samantaray, Dr. Krushna Keshab Baral, Mr. Debashish Sahoo, Mr. Kaviyaran B, Mr. Rakesh Roshan Apatta, Mr. Ramya Rashmi Rout, Mr.Sangram Keshari Nayak, Mrs. Chinmayi Choudhury, Mrs. Kakali Patra, Mr. Satyaprasad Mohapatra, Mr. Subhashish Mohanty, Mrs. Madhusmita Mohanty, Mr. Biswaranjan Behera, Mr. Sukumar Joshi, Mrs. Sasmita Prusty, Mr. Prakash Kumar Dehury, Mr. MD Sahil Khan, Mr. Ashok Kumar Sethi have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Next-Gen Aerial Communication: Integrating AI and Drone Technologies” at Aryan Institute of Engineering & Technology, Bhubaneswar from 13/10/2025 to 18/10/2025.
- Mr. Bibhuti Bhusan Panda have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Circular Economy and Product Service Systems” at T. A. Pai Management Institute, Karnataka, from 13/10/2025 to 18/10/2025.
- Mr. Bibhuprasad Subudhi have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Optimizing Next-Gen Computing for Smart System Development” at National Institute of Technology, Warangal, Telangana, from 13/10/2025 to 18/10/2025.
- Mrs. Madhusmita Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Machine Learning in Robotics: Shaping the Future of Digital Advancements” at Tagore Institute of Engineering and Technology, from 20/10/2025 to 25/10/2025.
- Dr. Vidya Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Advances in Biomedical and Healthcare Using Artificial Intelligence” at Jaya Sakthi Engineering College, from 20/10/2025 to 25/10/2025.
- Dr. Pradyut Kumar Swain, Dr. Vidya Mohanty, Mr. Kaviyaran B, Mr. Ramya Rashmi Rout, Mr. Swadheen Kumar Samal, Mr. Ajit Kumar Panda, Mr.Sangram Keshari Nayak, Mrs. Chinmayi Choudhury, Mrs. Kakali Patra, Mr. Satyaprasad Mohapatra, Mr. Subhashish Mohanty, Mrs. Madhusmita Mohanty, Mr. Biswaranjan Behera, Mrs. Sasmita Prusty, Mr. Prakash Kumar Dehury have successfully participated & completed Seminar under AICTE - Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) on “Renewable Energy Integration: Expanding Solar And Wind Power To Replace Fossil Fuels” at Aryan Institute of Engineering & Technology, Bhubaneswar from 27/10/2025 to 28/10/2025.
- Dr. Vidya Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Generative AI Fluency” at Nasscom from 27/10/2025 to 01/11/2025.
- Mrs. Madhusmita Mohanty, Mrs. Kakali Patra have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “AI ML Based Reconfigurable Antenna Design for Next Generation Wireless Communication” at Karunya Institute of Technology and Sciences, from 27/10/2025 to 01/11/2025.
- Dr. Vidya Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Deep Learning for Computer Vision” at IIIT, Agartala from 03/11/2025 to 08/11/2025.

- Mr. Rakesh Roshan Apatta have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Industry 4.0: Transforming manufacturing with advanced technologies” at IGIT, Sarang from 03/11/2025 to 08/11/2025.
- Mr. Sachin Kumar Dhala, Mr. Sambit Kumar Pradhan have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Revolutionizing Construction with Sustainable Advanced Materials” at Synergy Institute of Technology from 10/11/2025 to 15/11/2025.
- Mrs. Rajalaxmi Pati have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Innovation and Entrepreneurship for India’s Sustainable Future” at National Institute of Technology, Patna from 10/11/2025 to 15/11/2025.
- Mr. Rakesh Roshan Apatta have successfully participated & completed Seminar under AICTE - Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) on “Energy forecasting driven by AI for solar and wind energy charging stations for electric vehicles” at Synergy Institute of Technology from 13/11/2025 to 15/11/2025.
- Dr. Pradyut Kumar Swain, Mr. Rakesh Roshan Apatta, Mr. Kaviyaran B., Mr. Abhimanyu Kar, Mrs. Madhusmita Mohanty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Future Intelligent Network Toward 6G: 5G and beyond with Reconfigurable SDR and Machine Learning” at National Institute of Technology, Rourkela from 24/11/2025 to 29/11/2025.
- Mrs. Sasmita Prusty have successfully participated & completed AICTE Training and Learning (ATAL) Academy On-line Faculty Development Program on “Empowering Autonomous Intelligence through Agentic AI and Goal-Based Systems” at National Institute of Technical Teachers Training and Research from 24/11/2025 to 29/11/2025.

Conference

Ms. Rajalaxmi Pati from Civil Engineering Department, presented a Research Paper “Sustainability of green concrete through life cycle assessment: A review” in the **2nd National Conference on Technological Advancements in Waste Management: Challenges and Opportunities – 2025** (TAWMCO) held at IIT(ISM) Dhanbad, India from 05th to 06th December, 2025.



Dr. Prakash Sahu from Electrical Engineering Department, presented a Research Paper “Design and Modeling of a robust type-3 Fuzzy Controllers for Frequency Stabilization Enhancement of AC Microgrid” in the **3rd IEEE International Conference on Power Electronics and Energy (ICPEE 2025)** held at School of Electrical Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India from 14th to 16th December, 2025. Dr. Sahu received the **Best Poster Award** during this conference for his paper.



Mr. Priya Chandan Satapathy from Electronics and Communication Engineering Department (ECE), presented a Research Paper “Reflectarray Design for Uninterrupted Signal Transmission in Non-Terrestrial NB-IOT Devices” at the **23rd OITS International Conference on Information Technology** (OCIT 2025), held at Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, India from 18th to 20th December, 2025.



Representing our institution, **Dr. Dillip Kumar Biswal**, **Dr. Ranjan Kumar Mohanty** and **Dr. Krushna Keshab Baral** and **Mr. Sukumar Joshi** participated as delegates in the **10th International Conference on Human Values in Higher Education** (ICHVHE 2025), conducted online from 19th to 21st December 2025.

Dr. Dillip Kumar Biswal from Mechanical Engineering Department, presented a Research Paper “Towards Sustainable Water Purification: Review of Emerging Solar Desalination Methods and Materials” in the **7th International Conference on Innovative Product Design and Intelligent Manufacturing Systems** (ICIPDIMS 2025) held at NIT Rourkela, India from 27th to 28th December, 2025. Dr. Biswal has been awarded the “**Most Distinguished Paper**” in the Sustainable Design track for his paper presented at the conference.



Dr. Dillip Kumar Biswal, Dr. Pratap Chandra Nayak, Mr. Priya Chandan Satapathy and Mr. Prakash Kumar Dehury attended **One Day National Workshop on “Intellectual Property Rights and Emerging Future Technologies”** at CTTC Bhubaneswar on 07.11.2025.



Dr. Dillip Kumar Biswal, Principal & Mr. Priya Chandan Satapathy, Dean Exam attended the **12th Convocation** held at BPUT Rourkela on 13.11.2024 and collected all the pass out student certificates.



Dr. Vidya Mohanty, Mr. Vikramaditya Tarai, Mr. Bibhuprasad Subudhi and Mr. Manoj Kumar Rout attended the **IIC Regional Meet 2025** held at Siksha ‘O’ Anusandhan (Deemed to be University), Campus-2, Bhubaneswar, Odisha on 25.11.2025.



Representing our institution, **Dr. Ranjan Kumar Mohanty**, along with the Eastern Region UHV Team, visited Odisha Adarsha Vidyalaya, Parakana, Garadpur on 3rd November 2025 under the **Empowering Individuals, Enriching Society** program. During the visit, Dr. Mohanty delivered an insightful talk on “**Introduction to Universal Human Values.**”



Vision of the Institute

To become a leading engineering institution of the state by impacting quality technical education at affordable costs to create skilled and motivated engineers to serve the technological requirements of society in different ways.

Mission of the Institute

- To impart contemporary technical education and skills to students of different socio-economic background
- To equip students with analytical learning and real life problem solving
- To make learning a continuous endeavour compatible with market needs
- To promote the spirit of leadership, entrepreneurship, innovation and ethics

Chief Patron

DR. MADHUMITA PARIDA
CHAIRPERSON, AIET

Patron

ER. ANTARYAMI BADU
CMD, AIET

Editor

DR. DILLIP KUMAR BISWAL
PRINCIPAL, AIET

Arya Vihar, Barakuda, Bhubaneswar, Odisha - 752050

Web: <https://www.aryan.ac.in>