

VIHAAN

JANUARY 2025 EDITION

Newsletter of Ambalika Institute of Management and Technology

"Innovation And Imagineering"







"Celebrating Excellent Placements for the Batch of 2024!"

"Students Shine in National-Level Hackathons and Research Conferences."

"Annual Fest 2024: A Fusion of Talent and Culture."

"Alumni Making Waves in the Industry!"

About AIMT

Ambalika Institute of Management and Technology (AIMT) was established in 2008 as a private engineering and management college in Mohanlalganj, Lucknow, Uttar Pradesh, India. It is affiliated with AKTU and BTE and is approved by AICTE.

The Lucknow campus spans 200 acres and is situated near NH-56B, surrounded by lush greenery and featuring a picturesque lake. It is conveniently located 24 kilometers from Lucknow Railway Station and 20 kilometeres from Lucknow Amausi Airport, ensuring easy access to the district headquarters.

The Ambalika Center of Excellence has become a leading institution for equipping engineers with highend technical skills, enhancing their employability. In collaboration with AIMT, the center offers training and joint certification programs in emerging technologies.

Vision of the Institute

To nourish the students, blossom them into tomorrow's world class professionals and good human beings by inculcating the qualities of sincerely, integrity and social ethics.

Mission of the Institute

To provide the finest infrastructure and excellent environment for the academic growth of the students to bridge the between academia and the demand of industry.

To expose students in various co-curricular activities to convert them into skilled professionals.

To grind very enthusiastic engineering and management student to transform him into hard working, committed, having zeal to excel, keeping the values of devotion, concern and honesty.

To involve the students in extracurricular activities to make them responsible citizens.

Edition: January 25

<u>Message</u>

Message from the Chairman

Mr. Ambika Mishra

Ambalika Institute of Management and Technology



Dear Students, Faculty, and Well-Wishers,

It fills me with immense pride and joy to witness the steady growth and achievements of Ambalika Institute of Management and Technology during the academic year 2024-25. Our institution has always strived to create a nurturing environment that empowers students to excel academically, innovate technologically, and grow personally.

This year has been a testament to our collective efforts, with notable successes in academics, research, cultural pursuits, and placements. These accomplishments are a reflection of the dedication and commitment of our students, the tireless efforts of our faculty, and the support of our staff and stakeholders.

At Ambalika, we are not just shaping careers; we are building futures. As we navigate the challenges of a rapidly evolving world, our focus remains steadfast on imparting holistic education that fosters not only technical expertise but also ethical values and leadership qualities.

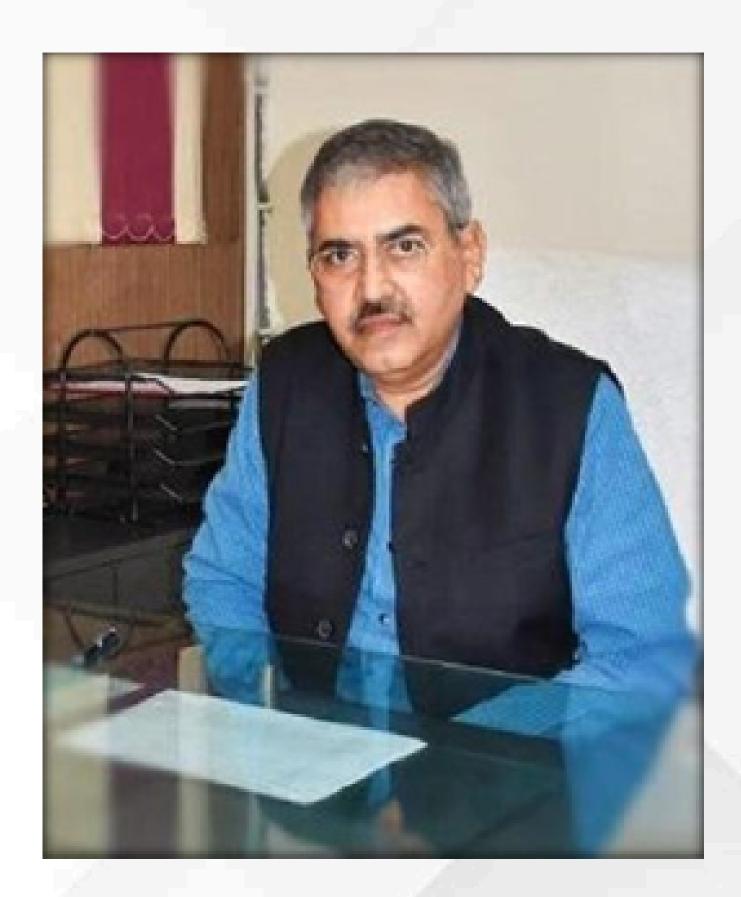
I extend my heartfelt congratulations to all who have contributed to make this year memorable and commendable. Let us continue to work together to uphold the vision of excellence and innovation that defines Ambalika.

With best wishes and blessings,

Mr. Ambika Mishra

Message from the Director

Prof. (Dr.) Ashutosh Dwivedi Ambalika Institute of Management and Technology



Dear Students, Faculty, and Well-Wishers,

As we reflect on the academic year 2024, I am filled with pride at the achievements of our vibrant Ambalika community. From academic excellence to innovative projects, cultural celebrations to research breakthroughs, our institute continues to set benchmarks in education and innovation.

This year, we witnessed significant milestones, including infrastructure advancements, successful placements, and national recognition in various domains. These achievements are a testament to the collective dedication of our students, faculty, and staff.

Looking ahead, we remain committed to fostering an environment that nurtures creativity, critical thinking, and holistic development. Let this newsletter serve as a window into the incredible journey of our institute and an inspiration for the path ahead.

Warm regards,

Prof. (Dr.) Ashutosh Dwivedi

Message from the Additional Director

Prof. (Dr.) Shweta Mishra

Ambalika Institute of Management and Technology



Dear Readers,

It gives me immense pleasure to present this newsletter, capturing the essence of our academic and cocurricular endeavors for the year 2024. At Ambalika, we believe in equipping our students not only with technical knowledge but also with the skills and values essential for shaping a better future.

This year has been transformative, with groundbreaking research, student-led initiatives, and enhanced industry collaborations. As we celebrate these achievements, I encourage each one of you to continue striving for excellence and embracing innovation.

I extend my gratitude to all contributors of this newsletter for beautifully encapsulating the spirit of our institution. May this publication inspire and motivate everyone associated with Ambalika.

Best wishes,

Prof.(Dr.) Shweta Mishra

College Highlights and Milestones



College Highlights of 2024

The academic year 2024-25 has been a landmark period for Ambalika Institute of Management and Technology, marked by remarkable achievements, new initiatives, and a strengthened commitment to excellence. Here are some of the notable highlights:

1. Academic Excellence

• Rama Misra Memorial Award: Drishti Chaubey, a student from the CSE-AIML department, achieved the top rank in the university examinations across all courses. In recognition of her dedication and hard work she has been honored with the prestigious Rama Misra Memorial Award as the Overall Topper of the Institute, along with a cash prize of ₹51,000.



- Meritorious Students Recognition: Special accolades were presented to 20 students who secured marks between 75% and 79.99%, granting them a 20% tuition fee waiver. Additionally, 5 students who achieved over 80% marks in the end-semester theory university examinations were awarded a 40% tuition fee waiver. These awards highlight their dedication and commitment to academic excellence.
- Other Awards: Each class topper was honoured with a Certificate of Excellence and a cash prize of ₹2,100.
- Multiple students achieved distinctions across various departments, setting new academic benchmarks.

2. Infrastructure Development

- Horse Riding Club: The Ambalika Horse Riding Club is established at the Ambalika Institute to promote equestrian sports and foster a love for horse riding among students and the local community. With a focus on skill development, confidence building, and a deep appreciation for horses, the club serves as a hub for horse riding enthusiasts of all levels. The club features state-of-the-art facilities, including well-maintained stables, riding arenas, and a picturesque outdoor riding track. These amenities provide an ideal environment for both novice and experienced riders to hone their skills.
- **Drone Technology Lab:** Plans are underway to establish a state-of-the-art laboratory in Drone Technology, equipped with the latest tools for Artificial Intelligence and Robotics, to provide students with hands-on learning opportunities.
- Renovated Library Facilities: The library has been renovated with enhanced reading spaces, access to digital journals, and improved infrastructure to support academic research.



3. Collaborations and Nodal Center

• MoU with Leading Universities and Companies: Partnerships were established with Kalinga University, International Benevolent Research Foundation, Mendel University in BRNO Czechia, Tata Consultancy Services, and Infosys to facilitate student faculty exchange programmes, internships, training, and placements.

Virtual Lab Nodal Center:



- AIMT was recognised as the "Best Nodal Center" for the year 2024 by IIT Kanpur.
- Idea behind setting up of Virtual labs: The virtual labs are based on the idea that lab experiments can be taught using internet more efficiently in a cost-effective manner. Virtual Labs will also benefit the students who do not have access to physical lab at their own location, where equipments are not available. Experiments can be accessed anytime and anywhere.

4. Social and Environmental Initiatives (NSS & NEP Cells)

- **Green Campus Drive:** The College organized a tree plantation campaign, adding 500+ saplings to the campus.
- **Blood Donation Camp:** A successful blood donation camp was conducted in collaboration with the Red Cross Society, with active participation from both students and staff.
- NSS Eye Checkup Camp: The National Service Scheme (NSS) unit of Ambalika Institute of Management & Technology successfully organized an Eye Checkup Camp with the motto "Not me but You."
- Unnat Bharat Abhiyan: Under the NEP, Unnat Bharat Abhiyan is an initiative aimed at rural development by the Ministry of Education, Government of India. As part of this program, Ambalika successfully conducted a knowledge-based transformational exercise to support and uplift rural communities.







5. NCC (National Cadet Corps):

Ambalika Institute of Management and Technology in Mohanlalganj is committed to academic excellence while promoting a variety of activities that contribute to the holistic development and well-being of its students. The NCC is one such initiative aimed at enhancing the physical, mental, and emotional well-being of the student community. Established in 2022, the NCC facilitates both intramural and extramural programs at the university. Additionally, the NCC supports cadets in obtaining B and C Certificates through examinations, thereby enhancing their future prospects and career opportunities.



SD/SW CADETS SINGING PATRIOTIC SONG ON REPUBLIC DAY 2024



6. Industrial Tours/Visits and Workshops

- AIMT hosted a National Seminar on Artificial Intelligence with guest speakers from IIT Kanpur and industry leaders like Infosys.
- In 2024, several industrial tours and visits were organized to enhance the practical learning of the students. Recently, five days tour from 02 dec to 06 dec 2024 has been organized for our MBA students to Surya Processed Food Pvt. Ltd. (PriyaGold) at SIDCUL, Haridwar. The visit offered participants valuable insights into business operations, customer relations, and the competitive dynamics of the food processing industry.



Surya Processed Food Pvt. Ltd. (PriyaGold) at SIDCUL, Haridwar



Conducted hands-on workshops on:

- Python Programming for Data Science.
- Blockchain Technology and Its Applications.

Students actively participated in external hackathons and coding competitions, securing top positions: (should the above workshops not come under the hackathons and coding competitions?)

Achievements of Faculty and Staff

Ambalika Institute of Management and Technology takes pride in its dedicated and highly qualified faculty and staff, whose contributions continue to enhance the quality of education and support the overall development of the institution. The academic year 2024 has been marked by remarkable achievements by both faculty and staff, further establishing Ambalika as a leader in education and innovation.

1. Faculty Research and Recognitions

Our faculty members continue to engage in meaningful research that not only contributes to their fields of expertise but also enriches the learning experience of our students. Below are some notable research contributions:

- 20 faculty members of AIMT from various departments have published a research paper in SCOPUS indexed Taylor and Francis journal.
- Dr. Shweta Mishra, Add'l Director, AIMT was awarded with the prestigious "International Education Excellence Award 2024" by the International Benevolent Research Foundation, Kolkata.
- Ms. Aradhana Misra, Vice-Chairperson, AIMT and Dr. Shweta Mishra Add'l Director, AIMT presented the paper titled "Moderating the Role of Whatsapp in Learners' Advancement in Higher Education" at the International Conference on Business & Technology (ICBTOxford'2024), held at the prestigious University of Oxford.





- Around 80% of faculty members have been honored with Certificates of Excellence for achieving exceptional results. This recognition considers both CP (0) performance and the average percentage of marks scored by students in theory examinations.
- Dr. Jitendra Kurmi, Assistant Professor in CSE, has been awarded a cash prize and a certificate for his patent "Machine Learning-Based Methodology for Database Migration in Cloud Computing Environment", while Mr. Naveen Kumar Yadav received a cash prize and a certificate for his publication title "Expansive Soil Stabilization Using Fly Ash as Stabilizing Agent" in a Scopus-indexed journal.
- Ms. Princee Singh (Department of Applied Science) received the Best Faculty Award along with a cash prize of Rs. 10,000/- for her exceptional mentorship and guidance of students in academic and extracurricular pursuits.
- In 2024, two faculty members were awarded Ph.D. degrees, and five faculty members successfully qualified for the NET examination, marking significant academic advances for the institution.

International Conference "Challenges & Opportunities for Innovation in India" February, 23rd & 24th 2024

Ambalika Institute of Management & Technology successfully hosted an International Conference on "Challenges & Opportunities for Innovation in India" on February 23rd and 24th, 2024. The conference brought together researchers, academicians, and industry professionals who discussed and explored innovative solutions to the challenges and opportunities shaping India's growth.

The event received an overwhelming response, with 262 research papers being submitted by participants from diverse academic and professional backgrounds. After rigorous evaluation, 62 selected papers were successfully published in the prestigious Taylor and Francis Scopus-Indexed Journal, underscoring the conference's academic rigor and commitment to quality research dissemination.

The conference was convened by **Dr. Shweta Mishra**, Add'l Director, AIMT, whose leadership and vision ensured the event's success.

The event served as a platform for insightful discussions, knowledge exchange, and networking, fostering a spirit of innovation and collaboration among the participants.









Events and Celebrations

1. Annual Fest 2024: "Aawahan"

• The annual cultural and technical fest, Aawahan 2024, was a grand success, bringing together students from all departments to celebrate talent, innovation, and teamwork. It featured a vibrant array of cultural performances, showcasing the creativity and enthusiasm of our students. The technical events in the fest provided a platform for students to demonstrate their skills and problem-solving abilities in various domains, fostering ingenuity and collaboration. Additionally, the sports events saw an exciting display of competitive spirit and teamwork, with participants engaging in a variety of sporting activities. Aahwahan truly exemplified the unity and spirit of our student community, making it an event to remember.









2. Independence Day and Republic Day Celebrations

These patriotic events were celebrated with great fervour, reflecting the unity and spirit of the Ambalika family. Key highlights:

- Flag hoisting by the Chairman Mr. Ambika Mishra, the Director Dr. Ashutosh Dwivedi and the Add'l Director Dr. Shweta Mishra
- Inspiring speeches by faculty and student leaders.
- Performances depicting India's cultural diversity and its freedom struggle.







3. Technical Fest 2024

This year's tech fest focused on cutting-edge technologies and on encouraging innovation and research among students. It served as an ideal platform for students to explore emerging fields in technology and broaden their technical knowledge.

The tech fest featured a series of thrilling competitions that sparked creativity, critical thinking, and problem-solving skills. Students showcased projects on AI, IoT, and Robotics, demonstrating innovative ideas and their practical implementation. Events like Business Plan, Brand U, Logo Quiz, Extempore, Code War, and Young Scientist and Innovation highlighted diverse talents and encouraged both entrepreneurial and analytical thinking. The Internal Smart India Hackathon challenged participants to solve complex problems with tech-driven solutions, while VR Gaming and the Tech Quiz and Debugging Challenge added an element of excitement with exciting prizes, further fueling the spirit of competition.





4. Freshers' Party

The Freshers' Party was held in AIMT on 28th October, and was a grand celebration filled with joy and enthusiasm. The event featured energetic performances and engaging activities, with the crowning of Mr. and Ms. Fresher as the highlight of the evening. The party created lasting memories and a warm welcome for the new batch. Meritorious students were awarded certificates and cash prizes for their outstanding achievements. SDC students who served as office bearers were recognized with certificates, while members of the Horse Riding Club received a ₹15,000 tuition fee waiver for their commendable efforts.









5. Alumni Meet 2024

An alumni meet at a college is a significant event that brings together former students to reconnect, reflect, and celebrate their shared experiences. Held on 27th April 2024, this event served as a platform for alumni to reunite with old friends, faculty, and the institution that played a pivotal role in shaping their early careers and personal growth.

The meet featured a blend of formal and informal activities, including speeches and social gatherings. Alumni had the opportunity to network, share career insights, and offer mentorship to current students, while also learning about the college's recent progress and future plans.

This event fostered a strong sense of community and pride among alumni, reinforcing their lifelong connection to their alma mater. For the institution, the alumni meet was a valuable opportunity to strengthen its alumni network, which plays a key role in raising funds, securing internships, and enhancing the overall student experience.

Alumni returned with a renewed sense of gratitude and nostalgia, sharing fond memories of their time at the college while contributing to its ongoing development. Overall, the meet was a meaningful occasion that celebrated lifelong relationships, mutual support, and the continued success of both individuals and the institution.

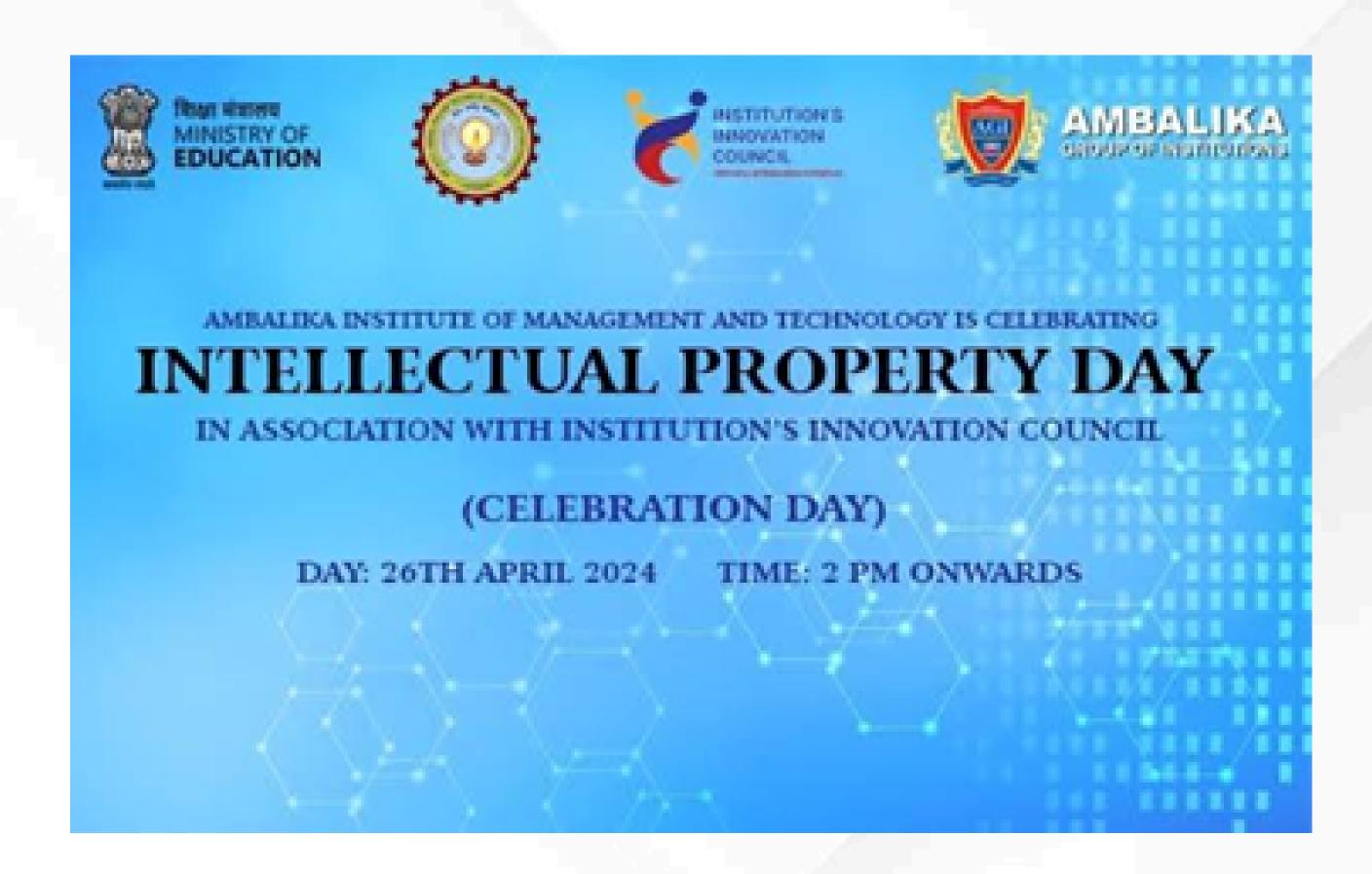






6. Intellectual Property Day - 26th April 2024:

Ambalika Institute of Management and Technology, in association with the Institution's Innovation Council, celebrated Intellectual Property Day on 26th April 2024. The event aimed to raise awareness about the importance of intellectual property rights in encouraging innovation and creativity. Discussions, seminars, and interactive sessions were held to educate students about protecting their ideas and inventions. This initiative reflects the institution's commitment to promoting a culture of innovation and intellectual growth among students and faculty.



7. Anti-Ragging Day

Ambalika Institute of Management & Technology observed Anti-Ragging Day on 12th August 2024 as part of its commitment to maintaining a "Ragging-Free Campus." The event was organized to spread awareness about the adverse effects of ragging and to encourage students to stand against such behaviour.

With the powerful slogan, "Say No to Ragging," students were reminded to not just be passive bystanders and show their character and mettle in supporting this slogan.

The institution also announced **Anti-Ragging Week** from 12th August to 18th August 2024, featuring awareness campaigns, counselling sessions, and interactive programs to ensure a safe and welcoming campus environment for all.



Clubs and Societies

At Ambalika Institute of Management and Technology, student clubs and societies are integral to the college experience, offering a wide range of benefits that enhance personal development, academic growth and social interaction. Here's a glimpse into the vibrant activities of various clubs and societies during the academic year 2024-25:

1. Enigma Club - Software and IT Society

The primary objective is to cultivate programming, problem-solving, and software development skills among students. To achieve this, key activities have been organized, including a highly successful Python Coding Marathon that saw participation from over 200 students. Additionally, a workshop on GIT & GITHUB was conducted on June 10, 2024, providing students with hands-on experience in version control and collaborative software development. These initiatives aim to enhance technical proficiency and foster a deeper understanding of modern programming tools and methodologies.

2. IEEE Student Branch

About IEEE:

The on-campus IEEE Student Branch at AIMT-Lucknow aspires to enhance the student community's learning experience on campus. The Student Branch organises social and technical events for students and encourages them to avail IEEE membership benefits such as scholarships, competitions, and conference grants. Through the on-campus IEEE Student Branch and the local IEEE Section, the Student Branch also intends to provide opportunities for students to network with peers from other institutes, academicians, professionals, engineers, and scientists, thereby making them a part of the global IEEE



-Key Activities:

- Open Stage on 17th October 2024, by IEEE AIMT Student Branch Chapter.
- E-Gaming on 18th October 2024, by IEEE AIMT Student Branch Chapter.
- IEEE Tech Quiz Competition on 15 October 2024, by IEEE AIMT Student Branch Chapter.
- Ideathon on 18th October 2024, by IEEE AIMT Student Branch Chapter.









3. Student Development Council (S.D.C.)

At Ambalika Institute of Management and Technology, we run a Student Development Program that incorporates a diverse range of societies, such as dance, art, music, film, photography, nature, and others, offering a wealth of benefits for the students. These extracurricular activities provide a crucial avenue for holistic development, complementing academic learning by fostering creativity, emotional intelligence, and practical skills that are essential for success in the modern workforce. Participation in such societies encourages students to step out of their comfort zones, develop new interests, and expand their horizons beyond their technical or management coursework.

Engaging in artistic activities like dance, music, and art cultivates creativity and enhances cognitive abilities, which can, in turn, improve problem-solving and critical thinking skills—traits highly valued in engineering and management fields. For instance, involvement in film and photography helps students sharpen their visual storytelling and technical skills, while exploring nature-based societies promotes environmental awareness, responsibility, and a deep connection to sustainability. Additionally, these activities serve as stress relievers, offering students an opportunity to unwind, manage academic pressure, and build resilience.

Key Activities:-

The Student Development Council (SDC) typically focuses on fostering student growth, leadership, and engagement within an institution. While specific activities can vary depending on the organization or institution, here are the key activities commonly undertaken by such councils:

- Skill Development Programs
- Student Engagement Activities
- Leadership Development
- Career and Professional Development
- Community Outreach and Social Impact
- Student Support and Advocacy
- Networking and Collaboration

SDC Societies:-

- Dance Society
- Music Society
- Film Society
- Dramatic Society
- Fine Arts Society
- Creative Society
- Photography Society
- PR & Media Society
- Enactus Society
- Quizzing Society
- Nature Society
- Sport Society

OFFICE BEARERS

SDC Convener: - Dr. Archana Chandra, Professor & Dean T&P SDC Student Members:-

Saurabh Singh Suryavanshi, President

ChandanAcharya, Vice President

AnkitPandey, Vice President

AnandPratap Singh, Cultural Head

Himanshu Kumar, Technical Head

Deepak Singh, Treasurer

S. Tatheer Fatima Rizvi, Secretary

Ayush Singh, Event Supervisor

KshitizAwasthi, Event Supervisor

AnkitShukla, Dy. Event Supervisor

Adarsh Kumar Singh, Dy. Event Supervisor

Ayush Kumar, Boy's sports head

Akanksha Singh, Girls sports head

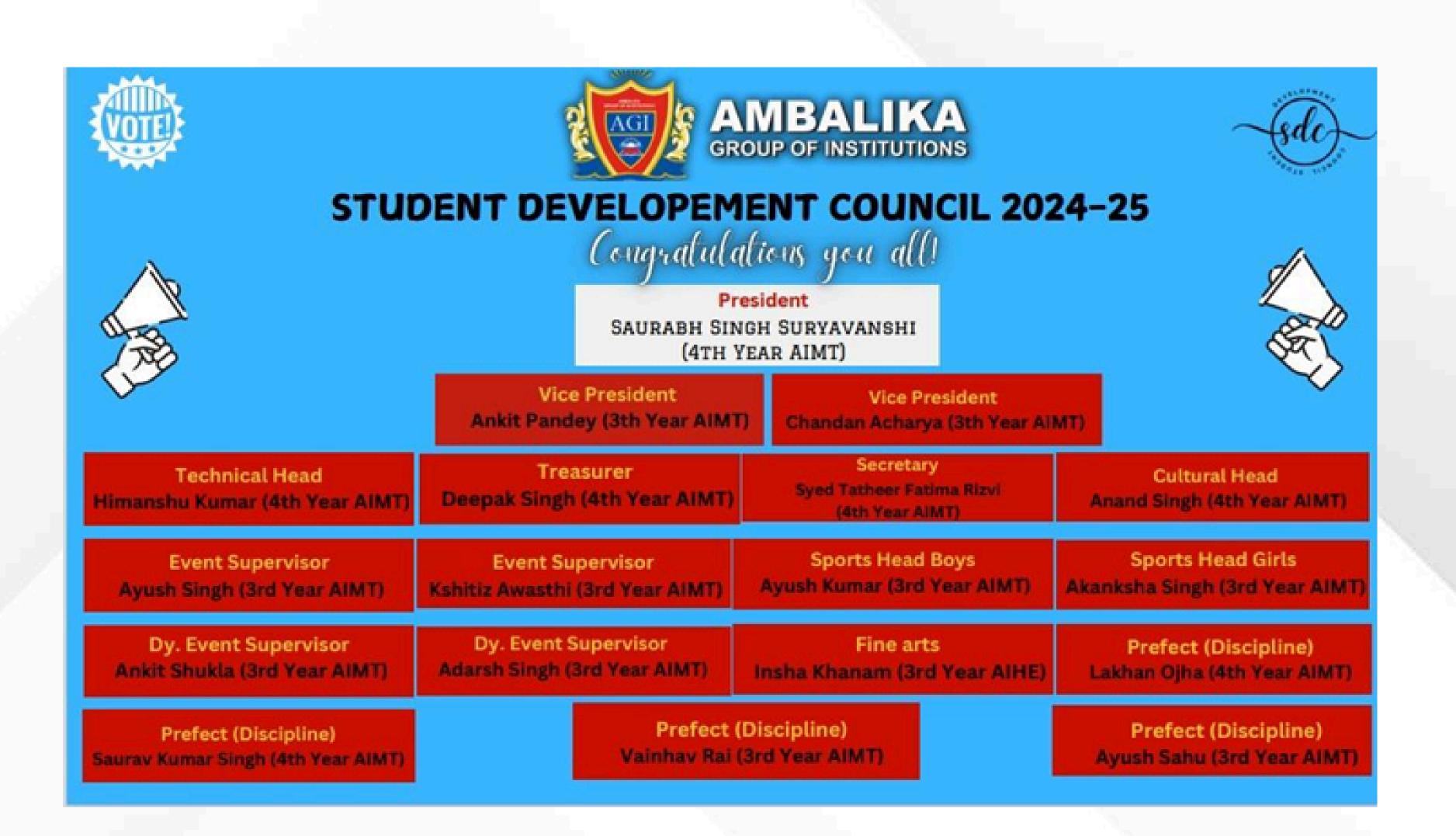
Saurav Kumar Singh, Prefect (discipline)

Lakhan Ojha, Prefect (discipline)

VaibhavRai, Prefect (discipline)

AyushSahu, Prefect (discipline)

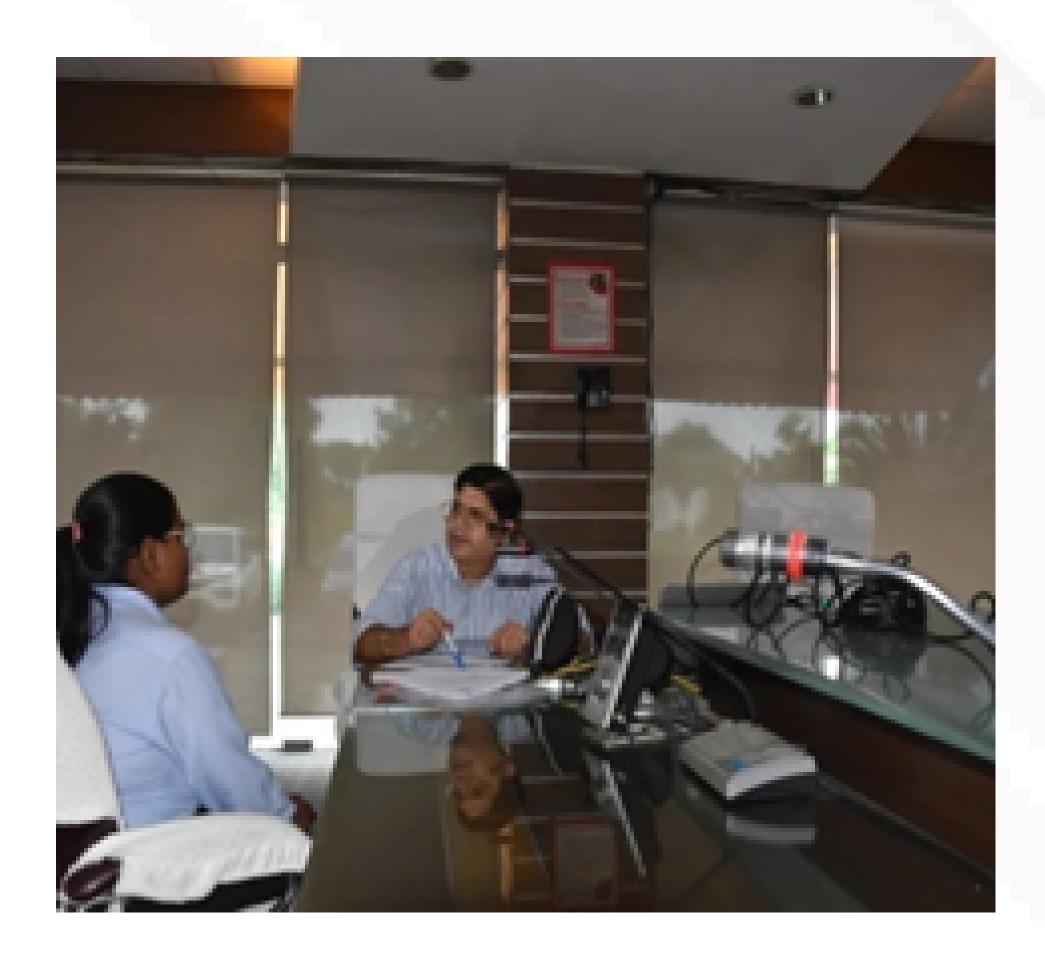
InshaKhanam, Fine Arts Head



Placement Highlights

1. Overview of Placements 2024-25

Ambalika Institute of Management and Technology continues to excel in providing outstanding placement opportunities to its students. With a strong emphasis on industry collaboration, skill development, and professional readiness, the academic year 2024-25 witnessed a record-breaking placement season.









Placement Highlights – 2024

The placement season of 2024 saw exceptional participation from leading companies, providing excellent opportunities for our students. Below are the key details of the placements:

Total Companies Participated:45 **Highest Package Offered:** ₹15 LPA **Minimum Package Offered:** ₹3.5 LPA

Top Recruiters of the Year:

- JARO Education
- Motherson Group
- Amazon
- CEDCOSS Technologies
- Indiamart
- Tech Radiance
- Jubilant Foodworks Limited
- Prodesk IT
- Intellipaat Software
- Google
- Sutherland
- Josh Technology

These placements reflect the strong industry connections and the skills of our students, ensuring a bright future ahead.



















AARAMBH-SPORTS MEET

'AARAMBH,' the inter college sports meet at Ambalika Institute of Management & Technology (AIMT), is a dynamic celebration of athleticism, sportsmanship, and the spirit of healthy competition. The event transforms the Ambalika campus into a vibrant arena where students from various colleges and university come together to showcase their sporting prowess and enthusiasm. 'AARAMBH' encompasses a wide array of sports and activities, from track and field events to team sports, promoting an atmosphere where both competitive and recreational athletes can participate and shine. The festival not only promotes physical fitness but also instills teamwork, leadership, and a sense of camaraderie among the participants.

The enthusiasm and energy at "AARAMBH' are contagious, with the entire campus community rallying behind the participants. The event serves as a platform for students to not only excel in their chosen sports but also to cultivate a sense of unity and pride in representing their respective teams. 'AARAMBH' is not just about winning or losing; it's about the joy of participation, the thrill of competition, and the celebration of the inter college sports culture. Through this inter college sports meet, AIMT reinforces the importance of a balanced and active lifestyle, contributing to the holistic development of its students both inside and outside the classroom.

Summary of 'AARAMBH' sports meet:

Event Date: 13 and 14 November 2024

No. of participating colleges and universities: 08

Total no. of sports: 14

Total no. of participating students: 400+









MESSAGE FROM THE DEAN ACADEMICS

Dr. Abhishek Mishra, Ambalika Institute of Management and Technology

"As we look toward the future, Ambalika Institute of Management and Technology is committed to nurturing the leaders of tomorrow. Our emphasis on academic excellence, innovation, and holistic development ensures that our students are not only equipped with the knowledge they need but also the skills to succeed in a rapidly changing world. I am confident that the class of 2024-25 will continue to make us proud as they embark on their professional journeys."

ACKNOWLEDGEMENT

At the conclusion of this newsletter, we would like to express our sincere gratitude to everyone who has contributed to the successes and achievements at Ambalika Institute of Management and Technology.

Our heartfelt thanks to the **management**, **faculty**, **staff**, and **students** for their continued dedication and hard work. We look forward to another year of academic excellence, innovation, and growth. Let's continue to strive together for success!