



IMS ENGINEERING COLLEGE, GHAZIABAD

NAAC Accredited & NBA Accredited Programme | Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow

October - 2025

Volume - IV Issue - X

World Students' Day



15th
October

World Students' Day is observed on 15 October annually to mark the birth anniversary of A.P.J. Abdul Kalam. This day honours and pays respect to him and his efforts in the field of science and technology and also the role of the teacher that he played throughout his scientific and political careers.

Congratulations to the Parents ***AS THEIR WARDS HAVE BEEN PLACED!!!***

In all 90 students have been placed in the month of September 2025 from different branches in B.Tech. & in PG courses (MBA & MCA) with an average package of 5.40 LPA and 6 LPA respectively.



CONGRATULATIONS
for being Placed in

TRILOGY
INNOVATIONS

32.5 LPA

PIYUSH KUMAR PANDEY
B.Tech. (Batch 2026)
Computer Science And Engineering

Congratulations To All Imsec Stakeholders!!!

Hall of Fame:

1. A "Training Program on Cyber Security with CCNA by CETPA INFOTECH LTD:

The department of Computer Science and Engineering commenced the training program on "Cyber Security with CCNA" by CETPA INFOTECH LTD. in association with NASSCOM Foundation and sponsored by Capgemini. It was a 180 hrs. program designed to bridge the gap between academics and industry.

Prof. (Dr.) Manas Kumar Mishra, Director welcomed the key dignitaries including Ms. Shumaila Anees, Branch Manager CETPA INFOTECH and Mr. Jagat Chaudhary, CSR NASSCOM Foundation.

The training has been thoughtfully curated to provide a comprehensive learning experience. Through a combination of theoretical sessions and hands-on training, participants will gain valuable insights into Cyber Security and Networking. The program also includes soft skill training for students.

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Cyber Security with CCNA Training Program
In Association with
CETPA INFOTECH PVT. LTD. in Collaboration with **NASSCOM Foundation**
Sponsored by **Capgemini**
September 16, 2025
11 AM onwards
Hosted by
IMS ENGINEERING COLLEGE, GHAZIABAD
Estd. 2002

INAUGURAL SPEAKERS

 Sh. Naresh Agarwal (Chairman, IMS Society)	 Sh. Sanjay Agarwal (Treasurer, IMS Society)	 Dr. Manas Kumar Mishra (Director, IMSEC)
 Dr. Sonali Mathur (HOD-CSE, IMSEC)	 Mr. Jagat Chaudhary (CSR, NASSCOM Foundation)	 Mr. Nitin Babbar (Manager, CR-CETPA)
 Ms. Shumaila Anees (Branch Manager, CETPA)		

NH-09, Adhyatmik Nagar, Dist: Ghaziabad, Uttar Pradesh-201015
Landline Number: 0120-4940000 | Toll Free: 1800-102-8393
Mobile: 9821396581/ 82 | www.imsec.ac.in

2 MBA Orientation Programme-Ascent 2025:

The department of MBA has warmly welcomed the Batch of 2025-27 with the inaugural ceremony of Ascent 2025, the orientation programme designed to shape the journey of the budding managers. The programme commenced with the auspicious lamp lighting ceremony of Goddess Saraswati, invoking wisdom and knowledge.

Dr. Manas Kumar Mishra, Director, IMSEC, addressed and motivated the students with his inspiring words.

The first session was delivered by Dr. M.P. Singh, HoD- MBA, who introduced the faculty members of the department and conducted an insightful session on “5G Mindset in the 21st Century.” In the post-lunch session, our proud alumnus, Mr. Shikhar Gupta, COE of Asmotornest interacted with the fresher’s. His engaging session was full of practical insights and experiences, leaving students motivated and inspired.

The second day of MBA orientation ‘Ascent 2k25’ witnessed

a session on ‘The EXILIR TO TRUE HAPPINESS’.

The team members were Ms. Ruby Kaur- Life Coach and Team Leader, Ms. Manju Vaid- Educationalist, Mr. Rajiv Soni- Chief Information Officer from Citigroup India, Mr. Jaideep- Businessman, Ms. Swapna- Operating Manager from Advertising Media, Ms. Jasmine- Makeup Artist, Mr. Bhoovanieu Vaid and Ms. Uttkarshani Dwivedi.



3. **M.C.A. Orientation Program 2025 (New Batch): AAYAAM 2K25:**

The department of MCA, has organized an orientation program Aayaam-2K25 for the first-year students of the 2025–26 session on 17th September 2025. The event aimed to warmly welcome the new batch, familiarize them with the institute’s environment and culture and lay a strong foundation for their academic journey.

Our eminent Director Prof (Dr.) Manas Kumar Mishra, addressed the students and highlighted the institute’s values, legacy and commitment for holistic development.



Industry Interactions/Guest Speakers Invited:

1. Training Program on "Graphic Design (Adobe Illustrator)" under the NASSCOM Foundation & Adobe Skill-Bridge Initiative:

The department of Computer Science & Engineering has organized a 2-day Short Term Training Program on Graphic Design on 22nd & 23rd September 2025 under the NASSCOM Foundation & Adobe Skill-Bridge Initiative, in collaboration with Coursera and Froyo Technologies (P) Ltd.

The students had gained hands-on exposure to Adobe Illustrator, enhance their creative and technical design skills and received guidance from industry experts. The trainee availed the benefits of Adobe Academy Certification, free Coursera access and a 3-month Adobe Apps subscription.



"CSE Students Undergoing Training"

2. The MCA department organized an Expert Talk:

The MCA department organized an Expert Talk: The department of MCA has organized an Expert Talk on "Byte Breaches and You: A Cyber Security Adventure" on 18th September 2025 for the students of MCA First Year. The expert session was conducted by Mr. Tushar Sharma, an eminent professional in the field of cyber security, founder of "V. Secure IT Solutions and Co-Founder of TOFEE". With his wide experience in the domain, Mr. Sharma has been actively involved in promoting cyber safety and developing innovative security solutions.



Academic/Industry Visit Conducted:

1. Industrial Visit to Atal Incubation Centre, Guru Gobind Singh Indraprastha University, (New Delhi):

The department of Computer Science & Engineering organized an Industrial Visit for 2nd year students to the Atal Incubation Centre, Guru Gobind Singh Indraprastha University, (New Delhi) on 25th September 2025.

An informative session was scheduled on the incubation ecosystem, innovation opportunities and entrepreneurial pathways for young engineers.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
organized

INDUSTRIAL VISIT
 to **Atal Incubation Centre, GGSIPU (New Delhi)** 25th Sep, 2025

Faculty Coordinators
Mr. Saurabh Dwivedi & Mr. Naved Khan
 NH-09, Adhyatmik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015
 Landline Number: 0120-4940000 | Toll Free: 1800-102-8393
 Mobile: 9821396581/ 82 | www.imsec.ac.in



“Students Visited The Atal Incubation Centre, GGSIP Univ. Delhi”

New Initiative/Developmental Activities Undertaken:

1. **Engineer's Day Celebration:**

"Engineering is not merely knowing and being knowledgeable, but it is about doing" said by – Sir M. Visvesvaraya. The department of Computer Science and Engineering on the Engineers' Day (15th September 2025), has celebrated the spirit of innovation, problem-solving and nation-building.

On this occasion, an online Quiz Competition was organized for 2nd and 3rd year B.Tech. students in their respective classrooms.



"Participants Of The Event: Engineers Day"

Faculty Publications:

Research Papers (In Journals):

SCI:

1. Dr. Sanjeev Sharma of AS&H department has published his research paper in the "European Physical Journal D" on the topic "A photonic crystal-based sensor device with two metallic layers for detection of dengue virus".
2. Dr. Subhash Mishra of ME department had published his paper in the journal named "The International Journal of Advanced Manufacturing Technology" on the topic "Synergistic effect of Ag and h-BN on the NiMoAl-Ag coating deposited via atmospheric plasma spray" in the month of September. DOI 10.1007/s00170-025-16411-z.

Scopus:

1. Dr. Sanjeev Sharma of AS&H department has published his research paper in The Journal of Optics, Springer Nature on the topic "An overview of the use of digital holography in neuroimaging for the diagnosis and prognosis of neuropsychiatric illness".

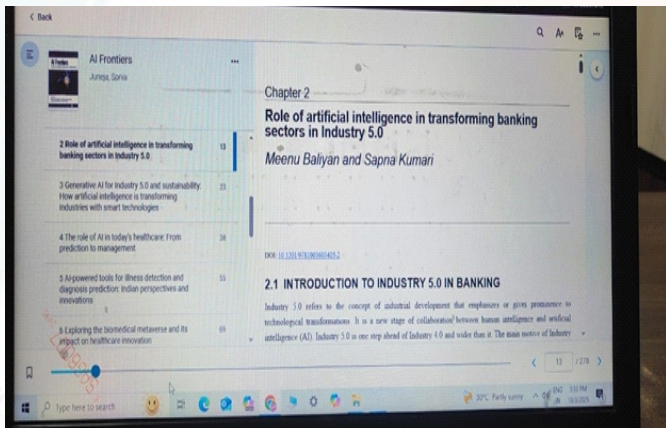
Conference Papers:

1. Ram Krishna Singh (CS department):

- He has published his paper in "2025: 2nd International Conference on Multidisciplinary Research and Innovation in Engineering (MRIE-2025)" Scopus indexed conference on 19-Sep- 2025, having paper title-"Chitrakriti.AI: A Cutting-Edge Artificial Intelligence Solution for Content Creation" DOI:10.1109/MRIE66930.2025.11156711.
- He has also published his paper in "2025 2nd International Conference on Multidisciplinary Research and Innovation in Engineering (MRIE-2025)" Scopus indexed conference on 19-Sep- 2025, having paper title-"The Intellectual Structure of Cloud Computing Research: Insights from a Bibliometric Study" DOI:10.1109/MRIE66930.2025.11156626.

Book Chapters:

1. Dr. Sapna Malik of MBA department has co-authored a book chapter titled "Role of Artificial Intelligence in Transforming Banking Sectors in Industry 5.0" in the edited book "AI Frontiers: Transforming Health, Agriculture, and Education", published by Routledge, Taylor & Francis Group (DOI: 10.1201/9781003604052).



Faculty Achievements:

1. Mr. Kashaf Khan (CS Department):

- He has been the recipient of the Patent Design No. 459952-001 for a Portable Personal Health Management Device.

2. Dr. Sanjeev Sharma (AS&H Department):

- He has served as a Session Chair for National Conference on “Applications on Nanophotonic and Advanced Materials for Instrumentations-ANAMI-2025” held on 26th and 27th of September 2025.
- He has also participated and completed ATAL FDP on “The Role of AI and ML in Smart Grids” held from 22/9/2025 to 27/9/2025 at IIT Patna.

3. Prof. (Dr.) Priyanka Bhardwaj Dean R&D and HOD ECE Departement:

- She has received a Certificate of Appreciation from DFree Novellish (OPC) Pvt. Ltd. for exceptional guidance and contributions as an Advisor, significantly enriching research quality and impact.

BESIDES THESE, 9 FACULTY MEMBERS HAVE BEEN CONFERRED CERTIFICATES IN MULTIPLE STREAMS LIKE FDPs, WORKSHOP PARTICIPATION, MDPs, FTPs & SHORT TERM COURSES.

Students' Achievements:

- Ayush Vats, a 4th-year AIML student, successfully completed his Cyber Security Internship from Extion Infotech (1st of July to 1st of September 2025).



- Tushar Kumar Gupta, a 3rd-year Computer Science (CSD) student, participated in the Nex Verse Hackathon.

3. Arpita Singh, a student from Information Technology department achieved remarkable success in the Tata Imagination Challenge 2025. She successfully cleared Round 2 (Gamified Assessment Round) which tested participants' logic, strategy and reflexes through a series of six interactive games. Further, she has advanced to Round 3, where shortlisted candidates present their innovative ideas through a two-minute video pitch showcasing creativity, impact and potential for real-world change. This prestigious achievement highlights her innovation, analytical skills and commitment to excellence.

4. Adya Sharma of 2nd year B.Tech. Biotechnology:

- The student named Adya Sharma of 2nd year B.Tech. Biotechnology had participated in the 5th National Conference on "Innovation in Plant Sciences: Genetics, Technology & Sustainable Future" on 7th-8th September 2025 organized by the Indian Society of Genetics, Biotechnology Research & Development, India in collaboration with the Department of Botany & Biotechnology, St. John's College, Agra, India and presented her paper titled 'Nanotechnology in Agriculture: A Sustainable Path for the Future'.



IPS-74: Nanotechnology in agriculture: A sustainable path for the future

B.Tech Biotechnology 2nd year student
IMS Engineering College, Ghaziabad (affiliated by AKTU)
Email: - adyasharma2006@gmail.com

ABSTRACT-

This paper presents a review of nanotechnology applications in agriculture, exploring how nanoscale tools can help meet the critical challenge of feeding a growing population while conserving vital resources and protecting fragile ecosystems. Conventional farming, heavily reliant on broad applications of chemical fertilizers and pesticides, has successfully increased yields but at a significant environmental cost, including soil degradation and water pollution. Nanotechnology offers a revolutionary pathway to address these dual pressures. By engineering materials at the molecular level, we can develop precise tools such as nanofertilizers that release nutrients on-demand, nanopesticides that target specific pests with reduced chemical loads, and nanosensors that provide real-time data on crop health. These innovations promise to drastically reduce the environmental footprint of farming while boosting productivity. However, this promising future is not without its hurdles. Significant challenges concerning the safety of nanomaterials, their long-term environmental impact, the creation of robust regulatory frameworks, and ensuring affordability for farmers worldwide must be thoroughly addressed. A cautious and responsible approach to adoption is paramount. Ultimately, by harnessing nanotechnology's potential wisely, we can work towards achieving genuine and sustainable global food security.

Keywords: Nanotechnology, Agriculture, Nanofertilizers, Nanopesticides, Nanosensors, Food security, Sustainable farming, Precision agriculture.

5. Student Shreya Bhatt of 4th year B.Tech. Biotechnology:

- The student named Shreya Bhatt of 4th year B.Tech. Biotechnology had completed her National Workshop on “Cancer Genomics, Clinical Research and AI: Pathways to Oncology Careers” held on 13th September 2025, conducted by Biotecnika.



- The student Pritish Dey of 4th year, B.Tech. Biotechnology had successfully completed his internship with ‘Nestle E-Learning 2025: Resilience from Nestle’ in September 2025.

BESIDES THESE, 15 STUDENTS HAVE BEEN CONFERRED CERTIFICATES IN MULTIPLE STREAMS LIKE INTERNSHIPS, WORKSHOP PARTICIPATION, STUDENT DEVELOPMENT PROGRAMS, SHORT TERM COURSES AND HACKATHONS.

Cultural Activities Conducted:

- The Department of MCA, IMS Engineering College, Ghaziabad, in collaboration with Advitiya Cultural Society, organized “Poetry context” on 15th September 2025 to celebrate Hindi Diwas.

The objective of the event was to promote the richness of the Hindi language and to encourage students to express their ideas and emotions through poetry. The program commenced with a welcome note by the faculty, followed by enthusiastic participation from students who presented their self-composed poems.



“Group Photograph Of Event Organizers And Students Participated”

BE THE
best
version
of you

Editor-in-Chief:
“Dr. Milan Chakraborty”