January 2024   **Volume-3, Issue - 1**

IMS Engineering College proudly celebrated "Rashtriya Yuva Divas" on 12th January, the birth anniversary of Swami Vivekananda. The philosophy, his principles and the ideals for which he lived and dedicated his life is indeed a testimony of practicing ethics and a great source of inspiration for the Indian Youth.

Confluence

"The Newsletter"

His one of the finest and the most memorable speech was at the "Parliament of World's Religions Forum" in Chicago on 11th September 1893, which glorified India's fame at the international arena. The theme of speech was "India's teaching of Tolerance & Universal Acceptance to the World".

Ms. Saumya Srivastava, student of B.Tech zology (Batch: 2019-2023) secured 10th Position in University Examination with an outstanding CGPA of 9.04/10.

Expert Talk/Guest Lecture

1) Department of BT organized an Expert Session on "Nurturing Sustainability, Entrepreneurship and Innovation through Hydroponics" by Guest Speaker Dr. Akhilesh Dubey, Department of Biological Sciences and Engineering, NSUT, Delhi on 14.12.2023. Total 80 participants attended the session

2) Department of BT organized an Expert Talk on "From idea to patent: Elevating your innovation through strategic writing" by Dr. Rabab Anjum, Biotechnology Department, IMSEC, Ghaziabad on 29.12.2023. Total 35 participants attended the Talk

3) Department of Applied Sciences & Humanities organized an online counselling session on "International Summer Internship Program-2024" by Dr. Sandeep S. Imandar, Director VIC & Vice President - VIMEET Mumbai on 22.12.2023. The online session was coordinated by Dr. Savita Agarwal, AS&H Dept. 26 participants took leverage from this online program.

4) Department of Applied Sciences & Humanities organized an online Expert Talk on "Entrepreneurship Management & Development Phases" by Dr. Savita Agarwal, Professor, AS&H Department, IMSEC, Ghaziabad on 28.12.2023 for the students of Dhanvantary College of Engineering & Technology, Kim, Gujarat. Altogether, 50 online participants were highly influenced and learnt from this Expert Talk.

5) Department of Applied Sciences & Humanities organized an Interactive Session on "International Summer Internship Program-2024" by Dr. Vikas Shinde, Director–Project based Learning, Centre of Excellence, VIMEET, Mumbai on 11.12.2023. Total 180 students leveraged from the program.

6) Department of Applied Sciences & Humanities organized an Expert Talk on "Application of Mathematics on Innovative Projects" by Dr. Madhusudan, Motivational Speaker on 18.12.2023. Altogether 96 students were present in the Talk.

7) Department of Applied Sciences & Humanities organized an Expert Talk on "Role of Mathematics in Engineering & Technical Innovations" by Dr. Z. K. Ansari, Professor & Head, AS&H Department, IMSEC,

8) Technical Club of MCA Department organized an online Expert Talk on "Leadership & Innovation through SAP Technology" by Mr. Tarun Sharma, a SAP Solution Architect & Director at Brilliance Tech on 22.12.2023. Total 87 students from MCA – I & II Year attended the Expert Talk
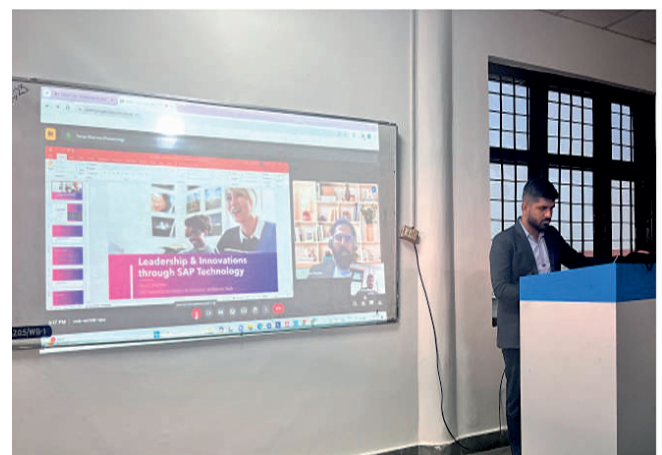
Alumni Talk

1) Department of Computer Science & Engineering organized an Alumni Talk on "My Story - Motivational Session by a Successful Entrepreneur" by Mr. Suraj Jaiswal, Co-founder & CTO, SSJ IT Solutions Pvt. Ltd. on 12.12.2023. Approx. 200 students from B.Tech – CSE (III Year) attended the Talk

2) Imagination to Enterprises Club of MBA department organized an Alumni Talk on "Visionary Chanakyas" by Mohd. Roohan, CEO, YARS Solution on 06.12.2023. Total 80 students attended the Talk

Seminar Organized

1) Department of Computer Science organized a Seminar on "Research Paper Writing and Patent Publication" by Dr. Sonia Juneja, Professor & Head, Department of CS, IMSEC, Ghaziabad on 12.12.2023. Total 70 students from B.Tech – CS (4th Year) attended the Seminar. Mr. Awdesh Kumar, CS Dept. coordinated the Seminar.

2) Department of Computer Science & Engineering organized a Workshop on "Igniting Innovation through DSA" by Mr. Rajesh Gupta, a corporate Trainer from Coding Blocks on 20.12.2023. Total 70 students from B.Tech – CSE (2nd Year) attended the workshop.

3) Department of ECE, CSE & IT jointly organized a Workshop on "Robotics and IoT" by Mr. Atul Mishra, Assistant General Manager and Mr. Rahul Mishra, Sr. Innovation Engineer, Stem Robo Technology Pvt. Ltd. on 30.12.2023. Total 31 faculty member of ECE, CS, CSE & IT Department attended the Workshop
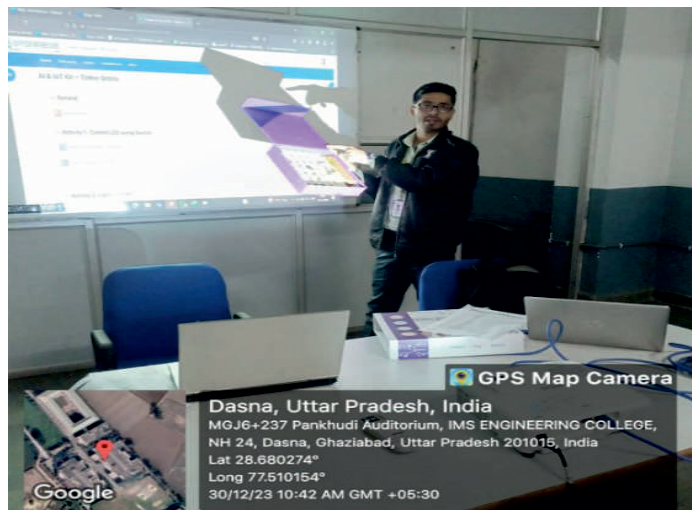

4) Department of Biotechnology organized Hands-on Training Workshop on "Sustainability and Hydroponics: Crafting Entrepreneurial Innovation" in association with Institution's Innovation Council on 15.12.2023. Total 80 participants attended the workshop.

5) Department of MBA organized a Workshop on "Share Market Awareness" by Dr. Meenu Baliyan, Head, MBA Dept. IMSEC, Ghaziabad on 26.12.2023. Around 100 students and faculty members participated in the workshop.

6) Department of MBA organized a Workshop on "Blockchain and Social Impact: Financial Inclusion and Beyond" by Ms. Vandana Tolani, Founder & CEO of Convanto and CA Himanshu Chattwal, Senior Vice President, Infoedge India Ltd. Total 120 students attended the workshop.

Industrial Visit

1) Department of Computer Science & Engineering organized an Industrial visit to Central Electronic Limited, a Government of India Enterprise under the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Sahibabad, Ghaziabad on 13.12.2023. Total 34 students from B.Tech – CSE (3rd Year) visited the company.

2) Department of Computer Science & Engineering organized an Industrial visit to Ducat, Sector-63, Noida on 28.12.2023. Total 64 students from B.Tech – CSE (2nd Year) visited the company

Department of Electronics & Communication Engineering and Mechanical Engineering organized an Industrial visit to VVDN Technologies, Gurugram on 08.12.2023. Total 45 students from ECE & 14 students from ME Dept. visited the company.

1) Department of Biotechnology organized an exposure visit to the R&D Centre for promoting Innovative Idea generation at Patanjali Research Centre, Haridwar on 08.12.2023. Students of BT – 2nd, 3rd & 4th year visited the company.

1) Department of MBA organized an Industrial visit to Yakult Factory, Sonipat, Haryana for MBA – 1st Year students on 07.12.2023. Total 100 students visited the company.

1) Department of MBA organized an Industrial visit to Securities Exchange Board of India, Delhi for MBA – 2nd Year students on 07.12.2023. Total 45 students visited the company.

1) Department of MCA organized an Industrial visit to Center of e-Governance, MEITY, Delhi for MCA – 2nd Year students on 14.12.2023. Total 49 students of MCA – I Year visited the company.

Value Added Programs

S.No.	Name of Value Added Course	Duration	Date of Commencement	No. of Students Enrolled
1	Innovation Based Entrepreneurship for Economic Growth	35 hrs. (August– December 2023)	23.08.2023	All IT & CS– 4th Year Students
2	Urbanity Softskill training	Ongoing activity for each Semester	Every Working Saturday	MBA 1st & 2nd Year

Departmental Activities

1) Blockchain Club of Computer Science & Engineering department organised Algorithm Areana on 04.12.2023 for 2nd & 3rd Year Students. Total 36 students participated in the event.

2) Coding Club of Computer Science & Engineering department organised a Technical Quiz from 07.12.2023 to 08.12.2023. Total 48 students participated in the Quiz.
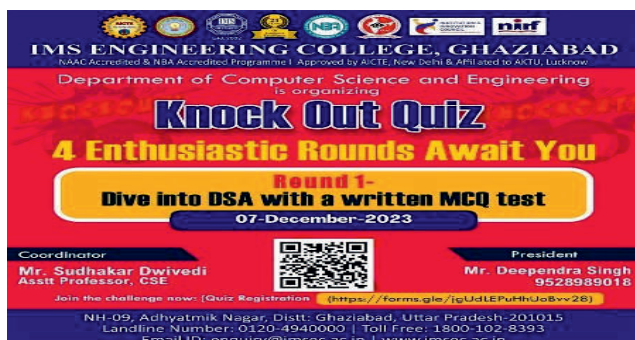

3) Apti Smart Club of Computer Science & Engineering department organised "Brain Battle Royal" on 08.12.2023 for 3rd year students. Total 17 students participated in the event

4) Department of Computer Science organised Expert Lecture on "Managing Intellectual Property Rights (IPR) in Innovation" by Dr. Monika Nagar, CS Dept. on 21.12.2023. Total 70 students participated in the Expert Lecture

5) Department of Computer Science organized a Nukad Natak on "Gender Sensitisation" on 28.12.2023. 03 different teams from CS and CSD presented their performance to address different issues related to Gender Justice and Gender Equality. Dr. Rekha Agarwal, CS Dept. coordinated the event

6) Department of Information Technology signed a MoU with iSTEP for Skill enhancement, higher study opportunity exploration in foreign universities and certification in new technologies, for the students of all the branches of Engineering & Management. The MoU was signed in between Director, IMSEC and the iSTEP Head, Mr Nikhil Malhotra on 21.012.2023 with validity period of 3 years.

7) Technical Club of IT Department organized CODATHON on 14.12.2023 for IT-2nd Year students. Mr. Harsh Saraswat and Mr. Mohit Kumar, IT – 3rd Year conducted the Coding Contest.

9)   Department of ECE organized Project Expo on 05.12.2023. All the student of ECE-2nd, 3rd & 4th year presented their projects in this Expo.

10)   Department of ECE organized a Quiz on National Energy Conservation on 14.12.2023. Total 16 students participated in the Quiz.

11)   Department of ME celebrated National Pollution Control Day on 02.12.2023. The event was coordinated by Mr. Vivek Gupta, ME Dept. Total 45 students participated in the event.
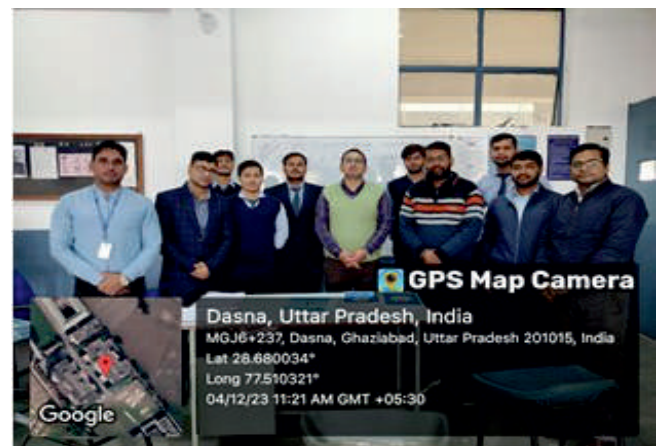
12) Department of Mechanical Engineering organized a Technical Session on "Application of Machine Learning in Automation" by Dr. S. N. Rajan, Dean Academic & HOD-IT, IMSEC, Ghaziabad on 12.12.2023. Total 35 students attended the session
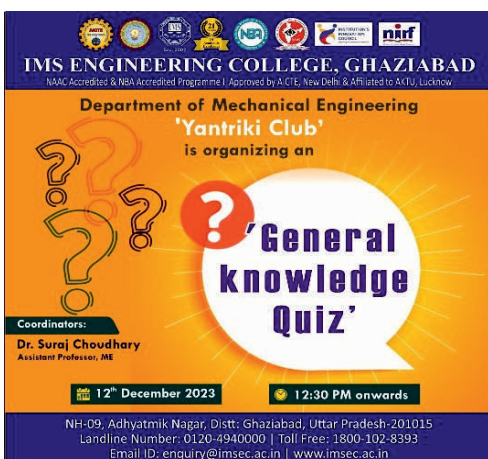
13) Yantriki Club of ME Department organized an offline Quiz on "General Knowledge" for all ME students on 12.12.2023. Total 29 students participated in the quiz.

14) Department of Applied Sciences & Humanities organized a Certificate Distribution Ceremony on 06.12.2023 pertaining to "PRARAMBH-2023" Fresher's Party. Certificates were bestowed to 148 deserving participants.

15) Department of Applied Sciences & Humanities organized a Parent Teacher Meet on 09.12.2023 for B.Tech – I Year Students. 32 parents visited and rest inquired about their ward's performance telephonically.

16) Imagination to Enterprise Club of MBA Department organized a Bootcamp on Project Management on 13.12.2023. Total 75 students attended the camp.


16) Innovation and Entrepreneurship Club of MBA Department organized a Bootcamp on Tableau (Data Analysis) from 03.11.2023 to 01.12.2023. Total 75 students attended the camp.

17) Imagination to Enterprises Club of MBA Department in association with NIESBUD organized a Two-Day Training Programme on Entrepreneurship Awareness by Mr. Sunil Taneja, Advisor at NIESBUD on 18.12.2023. Total 142 students from MBA-1st & 2nd year attended the programme.

18) Department of MBA organized a CDC cell-led session for MBA - I & II Year students by Mr. Ankit Jain, Head CDC, IMSEC, Ghaziabad on 05.12.2023. Total 65 students attended the session.
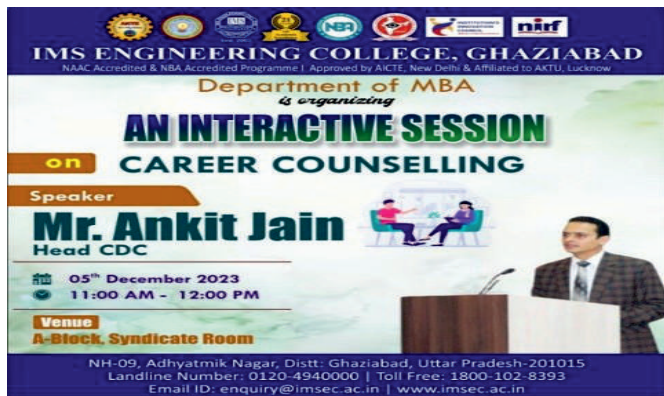
20) Department of MBA organized a Debate on Viksit Bharat Utsav on 22.12.2023. Total 113 students participated in the debate.

21) Department of MBA organized a Badge Distribution Ceremony for MBA Club Coordinators on 19.12.2023.

22) HarmoniX Club of MCA Department organized Book Donation Campaign on 29.12.2023 for students who aspire to study but cannot afford to buy books. Students and faculty members of the MCA Department donated various types of books to the needy students.

Patents published by Faculty members

23) Dr. Rashmi Chaudhary, MBA Dept. published a Patent titled "Machine Learning based Device for Stress Monitoring".

Book/BookChapter Published by Faculty Members

1) Anjum R., Bhatt I. (2023). Cross-Cultural Methods in Sexual Psychology: Visual and Vocal Stimuli. *Encyclopedia of Sexual Psychology and Behavior, T.K.Shackelford(ed.), Springer Nature Switzerland AG2024.* DOI: https://doi.org/10.1007/978-3-031-08956-5_149-1 (Book Chapter Published by Dr. Rabab Anjum & Dr. Indu Bhatt, BT Dept.).

2) Singh K. (2023). Organizational Behaviour. *Writers Row Publications.* ISSN 978-93-93583-39-8 (Book Published by Dr. Kavita Singh, MBA Dept.).

Paper Published by Faculty members

1) Singhal V., Jain V.K., Raman R.S., Patharia D., Mittal V., Mishra S., Kumar H. (2023). Optimization of friction stir processing parameters for improving structural & mechanical properties in situ AA5083-H III/Al-Fe composites. *Mechanical Engineering Science*. Vol. 238 Issue 4. ISSN 0954-4062 (Paper Published by Dr. Subhash Mishra, ME Dept.)

Faculty Achievements

1) Dr. Sonia Juneja, CS Dept. contributed as Reviewer in International Conference on Intelligent Systems: Approaches, Technologies and Network organized by Panipat Institute of Engineering & Technology, Panipat from 04.12.2023 to 05.12.2023.

2) Ms. Raj Kumari, CS Dept. attended 5-days Short Term Course on "Recent Trends in MEMS Technology" organized by NIT Hamirpur from 11.12.2023 to 15.12.2023.

3) Mr. Sanjeev Sanyal, CS Dept. participated in Sardar Unity Trinity Quiz- Samriddh Bharat by MyGov on 30.12.2023

4) Dr. S. N. Rajan, IT Dept. presented a research paper on "An Advanced Container Tacking System for Real-Time Monitoring and Automated Alerting of Container Security and Logistic" in IEEE Sponsored 5th International Conference on Computer Network, Big Data, and IoT (ICCBI 2023) organized by CARE College of Engineering, Tamil Nadu from 14.12.2023 to 15.12.2023.

5) Dr. S. N. Rajan, IT Dept. delivered a special lecture on "Applications of Machine Learning in Automation" for the students of Mechanical Engineering on 12.12.2023.

1) Dr. Balwant Singh, ECE Dept. reviewed 7 research papers for 5th 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT 2024) to be organized by Galgotias University, Greater Noida.

2) Dr. Ajay Kumar, ECE Dept. reviewed a research article for International Journal "The Journal of Engineering" on 05.12.2023.

3) Dr. Siddharth Vats, BT Dept. completed a course on Global Nutrition Targets Tracking Tool conducted by Department of Food Safety and Nutrition, World Health Organization, UNICEF and European Commission on 10.12.2023.

4) Dr. Siddharth Vats, BT Dept. completed the Innovation Ambassador Advanced training of 30 contact hours on 10.12.2023.

5) Dr. Siddharth Vats, BT Dept. completed a course on Tuberculosis and Mental Health conducted by Department of Food Safety and Nutrition, World Health Organization, UNICEF and European Commission on 10.12.2023.

6) Dr. Siddharth Vats, BT Dept. has been chosen as the Evaluator by Ministry of Education, Government of India School Innovation Contest of the Ministry of Education's Innovation Cell on 21.12.2023.

7) Dr. Siddharth Vats, BT Dept. completed WHO Course on Whole-of-Society Approach to Creating Healthy, Resilient and Sustainable Cities: Harnessing South-South Cooperation for a Post-COVID Era World Health Organization and Emergencies Program on 10.12.2023.

8) Mr. Nikhil Kawatra, BT Dept. completed Innovation Ambassador training 'Advanced Level' conducted in online mode by MoE's Innovation Cell and AICTE on 10.12.2023.

9) Dr. Sapna Kumari, MBA Dept. reviewed a paper for International conference on 2nd Data Conference of Business Data Analytics organized by Uttaranchal University in the month of December 2023.

10) Mr. Ashish Pandey, MCA Dept. attended a Webinar on "How to Improve Your Search and Research Skills: Tools & Techniques" organized by LNMIIT Central Library, Jaipur on 01.12.2023.

11) Mr. Ashish Pandey, MCA Dept. attended a one-day International Webinar on "Publication Ethics & How to Identify Cloned Journal" organized by C. Abdul Hakeem College (Autonomous) on 14.12.2023.

12) Mr. Ashish Pandey, MCA Dept. attended an International Webinar on "Role of AI in Modern Day Libraries" on 08.12.2023.

18) FDP attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of FDP	Organized by	Date
1	Dr. Amit Chugh	CSE	Future Trends & Advances in Emerging Technologies	NIET, Noida	05.12.2023 to 09.12.2023
2	Dr. Amit Chugh	CSE	AI Evolution: From foundation to generative AI	TechSaksham	11.12.2023 to 15.12.2023
3	Mr. Manoj Kumar Singh	CSE	Machine Learning and Predictive Analysis using Python	NITTTR, Chandigarh	20.11.2023 to 24.12.2023
4	Mr. Ram Krishna Singh	CS	ChatGPT & AI tools for Academician	Aset College of Science & Technology, Chennai.	27.11.2023 to 01.12.2023
5	Dr. Monika Nagar	CS	AI Tools and Prompt Engineering	ANITS, Hyderabad	27.11.2023 to 02.12.2023
6	Dr. Monika Nagar	CS	Future Trends & Advances in Emerging Technologies	NIET, Noida	05.12.2023 to 09.12.2023
7	Dr. Rabab Anjum	BT	Building Advanced data analytics applications with cloud	Edunet foundation	11.12.2023 to 15.12.2023
8	Dr. Meenu Baliyan	MBA	Outcome Based Education	Apeejay, Dwarka, Delhi	11.12.2023
9	Mr. Ashish Pandey	MCA	Future Trends & Advances in Emerging Technologies	School of Computer Applications	05.12.2023 to 09.12.2023

19) Workshop attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of Workshop	Organized by	Date
1	Dr. Rabab Anjum	BT	How to use generative AI tools ethically in your academic writing	Cactus Communications	13.12.2023
2	Mr. Ashish Pandey	MCA	AI Empowered Research Harnessing Tools for Insightful-Work		15.12.2023

Students' Achievements

1) Shivansh Maurya, CSE Dept. presented a paper on "Hybrid Machine Learning Techniques for Travel Recommendations" at 5th International IEEE Conference on Computing, Communication Control and Networking organized by Galgotias College of Engineering and Technology, Greater Noida, UP from 15.12.2023 to 16.12.2023.

2) Students' achievement of CSE Dept.

S.No	Name of Student	Year	Nature of Achievement
1	Divyansh Ruhela, Harshvardhan Singh Negi, Manisha Jaiswal, Ritik Rawat, Rushima Srivastava, Aadhya Gupta, Aastha Tiwari, Gungun Gupta, Naman Rajput, Sejal Singh & Yash Verdhan Gupta	4th	11 Students got placed in Accenture
2	Pratyush Giri	3rd	Secured 3rd Position in Brain Battle Royal event organized by IMS Engineering College, Ghaziabad on 08.12.2023
3	Akhand Pratap	2nd	Participated in National Level Hackathon DEV-ON ROUND 2 organized by GLBITM on 18.12.2023.
4	Shubham Sahani	4th	Participated in Coding World Cup powered by Logitech and received AIR: 429 and a Certificate of Achievement from C Coding Ninjas

3)

S.No	Name of Student	Year	Nature of Achievement
1	Aditya Pratap Singh	CSD – 2nd	Completed 4 weeks of virtual internship program in Web Development from CODSOFT from 15.11.2023 - 15.12.2023
2	Bharat Sharma	CS - 4th	Developed the project entitled "Analyze Death Age Difference of Right Handers with Left Handers" from 01.11.2023 to 01.12.2023
3	Brijesh Kasaudhan	CS-2nd	Completed 8 Weeks period of Virtual Internship on Salesforce Developer from 01.10.2023 to 01.12.2023
4	Vishesh Verma Akshay Sadotra, Sameer	CS-2nd	Secured 3rd Position in National Google Hackathon organized by GL Bajaj College, Noida
5	Richu Agarwal	CS – 2nd	Completed free online courses on Intro to Graphic Design with Photoshop by Great Learning Academy in December 2023. Completed free online courses on Python Basic Programs by Great Learning Academy in December 2023.

4) Students' achievement of ECE Department:

S.No	Name of Student	Year	Nature of Achievement
1	Binni Singh	Alumna (2011-2015)	Selected in "Indian Engineering Services-2023" with All India Rank 42
2	Aviral Tivari and Kavita Prajapati	4th	A Project "THICKNESS CHIPER" got selected in CSTUP on 20.12.2023

8) Students' achievement of MBA Department:

S.No	Name of Student	Year	Nature of Achievement
1	Adarsh Kr. Singh, Utkarsh Raghav and Isha Vats	2nd	Attended a 2 days Placement Preparation Programme on 16th-17th December organized by IIP in association with Abhyuday of IIT, Bombay
2	Adarsh Kr Singh	2nd	Participated in the "Workshop on Entrepreneurship & Innovation as Career Opportunity" held on 11.12.2023 at MBA Department of IMSEC

9)

S.No	Name of Student	Year	Nature of Achievement
1	Sagar Chauhan	2nd	Completed a 4-week online training on Internship & Job Preparation from Internshala Trainings on 17.12.2023. Completed an 8-week online training on Web Development from Internshala Trainings on 17.12.2023.
2	Shantnu Sharma	2nd	Participated in online certification course on ChatGpt for beginners from Great learning in December month.
3	Avadhesh Dubey	2nd	• Selected as intern for a position of Natural Language Processing Intern at Mentorness Internship program. • Secured a virtual internship opportunity at Bharat Intern as a "Data Science Intern" commenced on 10.12.2023. Completed a python training program from Data Flair on 25.12.2023.
4	Subham Priyadarshi	2nd	Completed a certification Program in Web Development & Full Stack Web Development from The Digital Adda on 15.12.2023.
5	Rajnesh Kumar	1st	Completed a course on Full Stack Node from Ducat on 10.12.2023.
6	Sarthak Kumar Tyagi	1st	Completed Basics of HTML/CSS for beginner training from OpenWeaver on 30.12.2023
7	Krateesh Rajput, Atul Dahima	1st	Donated Blood in a camp organized by ROTARY NOIDA RESEARCH & SOCIAL WELFARE TRUST (BLOOD BANK) on 05.12.2023.
8	Aryan Mishra	1st	Completed a one day workshop on AI-Tools from be10X on 10.12.2023

Other Significant Activities

1) IMS Engineering College organized a Book Distribution Ceremony for the Meritorious Students on 15.12.2023. The event was graced by presence of Prof. (Dr.) Vikram Bali, Director, IMSEC, Ghaziabad, Dr. S. N. Rajan, Dean Academics, Dr. Amit Sharma, Dean-Students Welfare and concerned HoDs.

2)   IMS Engineering College, Ghaziabad organized a Blood Donation Camp in association with Rotary Club of Sapphire on 05.12.2023. D.G. Priyatosh Gupta, honored as the Chief Guest, A.G. Anita Singhal, the esteemed Guest of Honour and DLF Subhash Jain, added significance to the occasion. The presence of our distinguished Hon'able Treasurer, Shri Sanjay Agarwal and our esteemed Director, Prof. (Dr.) Vikram Bali further underscored the importance of this noble cause. Total 350 Students participated in the Blood Donation camp.

3) Department of MBA orchestrated an exhibition COMFIESTA 2023 on 28.12.2023. The event was inaugurated by Chief Guest, Dr. C.K. JHA and Dr. K.F. Rahman from Banasthali Vidyapith, along with Dr. Vikram Bali, Director IMSEC and Dr. Meenu Baliyan, HOD MBA. MBA-I & II year students showcased their entrepreneurial prowess through an array of captivating canopies and stalls, each with a unique theme such as Tech Tastic Expo, Artistry Unleashed, personalized Treasure, Fashion Hub, Bookworm's Haven, The Literacy Emporium, Beauty Haven, Elegant Style, Artistic Canvas Fiesta, Crafted Sentiments Fair, Flavors Galore Fiesta, MBA Start Up, Financial Stimulator, MBA Munch House and Game Finite. Total 132 MBA students participated in this event.

4) Internal Quality Assurance Cell (IQAC) of IMS Engineering College, Ghaziabad in collaboration with Sadaaneera Foundations, Raipur organized a Winter Wear Distribution Drive on 26.12.2023. Dr. Ajay Kumar, ECE Dept. coordinated the drive.

Work Hard In Silence Let Success Make The Noise

Editor-in-Chief:
"Dr. Milan Chakraborty"