February - 2024   **Volume - III, Issue - 2**

Confluence

National Productivity Day

"The Newsletter"

National Productivity Day is celebrated by National Productivity Council on 12th of February every year in India to commemorate and recognize the escalation in economic growth, resilience & tolerance for diversified cultural heritage and enhancing competitiveness for improving the overall quality of life.

Clinched The Prestigious Award

Mr. Ved Dwivedi and Mr. Sharad Kumar, Alumni of IMS Engineering College, B.Tech. Computer Science and Engineering 2014-2018 batch, received a prestigious Swami Vivekanand Youth Award and a collective grant of Rs.2.87 crores for their startup 'SibRooms' by Hon'ble Shri Yogi Aditya Nath Ji, Chief Minister of Uttar Pradesh. This accolade holds special significance as only two startups from the entire state of Uttar Pradesh were selected.

Expert Talks/Guest Lectures

1) Department of Computer Science organized an Expert Talk on "College to Company (CTC): for better Cost to The Company (CTC)" by Mr. Nitish Joshi, Solutions Architect, Mongo DB on 27.01.2024. Total 90 students attended the Talk.
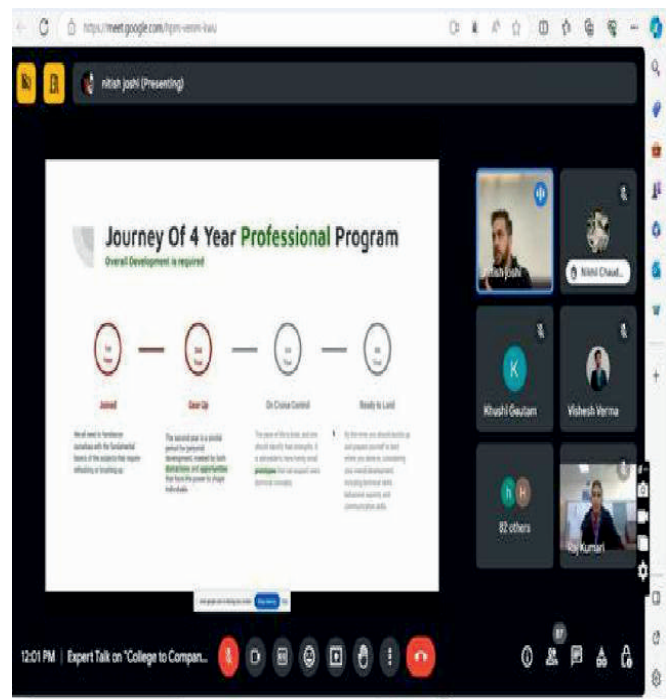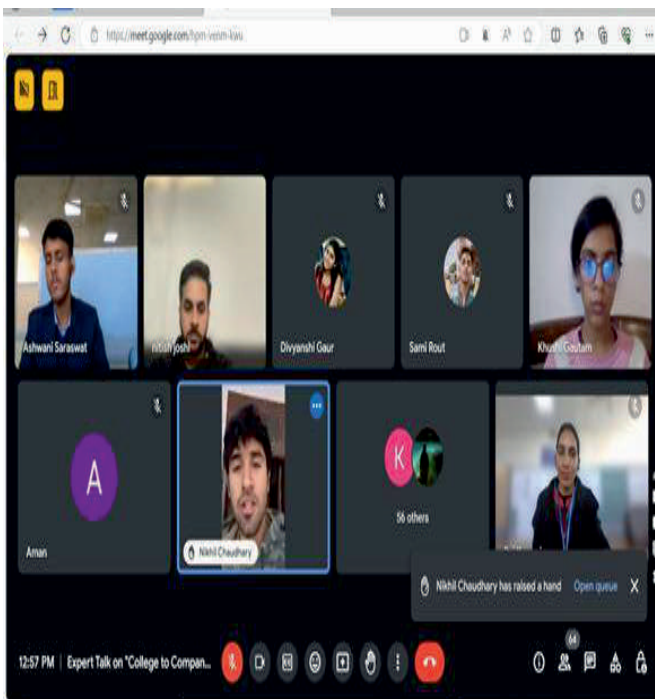
2) Technical Club of MCA Department organized an Expert Talk on "Career Guidance and Machine Learning" by Mr. Subbarao Lingamgunta, Co-Founder & CEO, Aquadsoft and CTO, Roazana on 30.01.2024. More than 75 Students from MCA – 1st & 2nd Year and faculty members attended the Expert Talk.

3) The Technical Club of MCA Department organized an Expert Talk on "Robotics - An Introduction" by Dr. Kavita Saxena Professor & Head, MCA Dept. on 25.01.2024. All the faculty members and more than 80 students of MCA department attended the Expert Talk.

4) IQAC in association with Department of ECE organized an Expert Talk on "Awareness Program on Global Warming" by Dr. Naveen Kumar, AS&H Dept. on 29.01.2024. The event was coordinated by Dr. Ajay Kumar, ECE Dept.

Expert Session

1) Department of Computer Science organized an Expert Session on "How to convert an idea into Patent" by Dr. Sanjeev Sharma, Associate Professor, AS&H Department on 10.01.2024. Total 65 students of B.Tech – CS 2nd Year attended the Session.

Workshop

1) Department of IT organized a Workshop on "Data Management & Reporting using Excel" for the staff members by Mr. Manoj Kumar Chaurasia, Assistant Professor, IT Dept. on 15.01.2024.

Seminar

1) Department of BT organized a Seminar on "Waste Management: Practicing Sustainability" by Dr. Neha Chandra, Ph.D. from IIT Kharagpur on 31.01.2024. Total 40 students attended the Seminar.

Industrial Visits

1) Department of Computer Science organized an industrial visit to Training Basket, Sec-62, Noida for CS-2nd year students on 16.01.2024. Total 50 students went on Industrial visit.
2) Department of MBA organized an industrial visit to Atal Incubation Centre, BIMTECH, Greater Noida for MBA – 1st Year students on 12.01.2024. Total 49 students went on Industrial visit.
3) Department of MCA organized an industrial visit to MCN Solutions Pvt. Ltd., Noida for MCA – 1st Year students on 06.01.2024. Total 50 students went on Industrial visit.

Value Added Programs

| S.No.	Name of Value Added Course	Duration	Date of commencement	No. of Students Enrolled
1	Industry 4.O and AI Applications for Innovation Management	2 Months	Dec. 2023 – Jan. 2024	MBA – 1st Year
2	Urbanity Soft-skill training	Ongoing activity for each Semester	Every Working Saturday	MBA 1st & 2nd Year

Departmental Activities

1) Department of CSE organized a Parents-Teacher meeting on 17.01.2024

2) Department of ME organized an online Quiz on "Climate Change" for all the students of IMS Engineering College on 17.01.2024. Total 133 students participated in the quiz.

3) Department of BT celebrated the 14th National Voters' Day on 25.01.2024. Total 58 members including students and faculty members participated in the celebration.
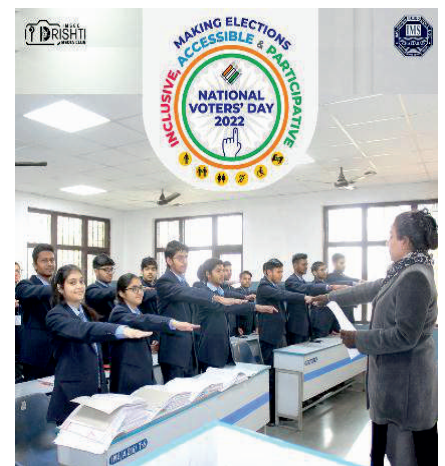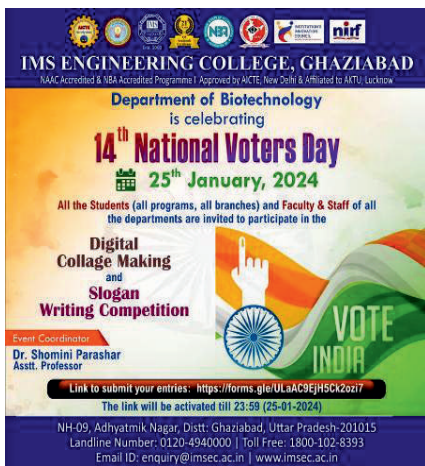
4) Department of BT organized an event on Innovative Business idea presentations in Biotechnology and related areas for the students of B.Tech. Biotechnology on 05.01.2024. Total 40 students participated in the event.

5) On the Occasion of विश्व हिंदी दिवस, The Cultural Club of MCA Department organised an essay writing competition on "विश्व हिंदी दिवस"

भाषा और तकनीक: एक सम्बन्ध" on 10.01.2024. Around 100 Students of MCA – 1st & 2nd Year participated in the competition.
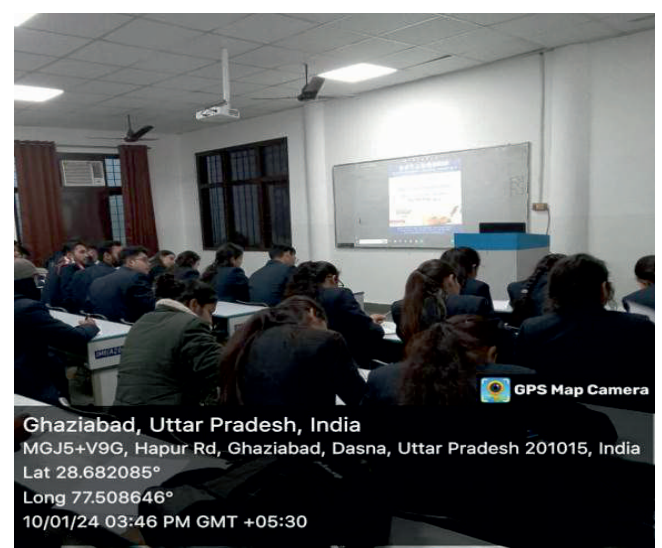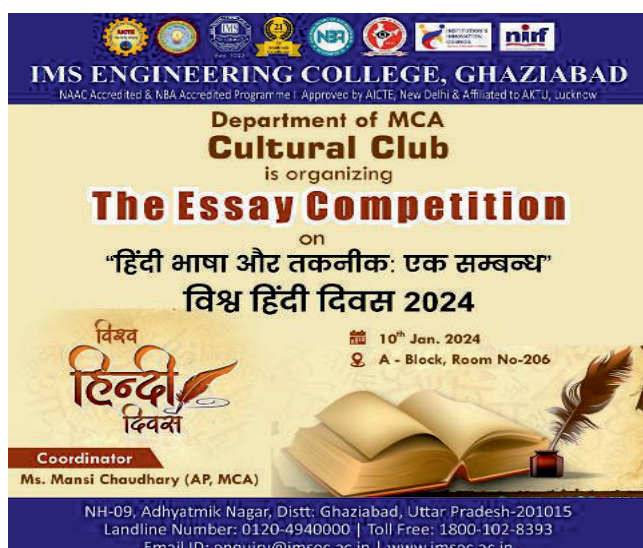
Patent Published

1) Dr. Kavita Saxena, MCA Dept. published a Patent titled "IoT and Artificial Intelligence-Enhanced Comprehensive Monthly Bill Management System" on 12.01.2024 (Application No. 202311083097).

Papers Published by Faculty

1) Singh S. (2024). An Investigative Study of Federated Machine Learning In Educational Outcome: Opportunities & Challenges. Indexed International Journal IJRAR. (E-ISSN: 2348-1269, P-ISSN: 2349-5138. (Paper published by Dr. Sachin Singh, IT Dept.).

2) Gautam R.K.S., Tripathi V.M., Gautam J.K., Singhania S., Sudesh S., Jha P., Shahab S., Mishra S., Nautiyal H. (2024). Elevated temperature tribological assessment of Ni-based cermet self-lubricating coatings deposited by cold spray. Surface & Coating Technology (Elsevier). DOI: https://doi.org/10.1016/j.surfcoat.2024.130380. (Paper published by Dr. Subhash Mishra, ME Dept.).

3) Singh D.P., Mishra R., Kumar V., Garg S.K. (2024). An Extensive Analysis of the contribution of Laplace Transformation in Science & Technology. Journal of Propulsion Technology. Vol. 45, No.1, ISSN: 1001-4055. (Paper Published by Dr. Vineet Kumar, AS&H Dept.).

4) Sarika C., Pillai R., Das S., Kalarikkal N., Lekshmi I.C. (2024). A short overview on enzyme based amperometric phenolic biosensors on Nano metal oxide supports. Journal of the Electrochemical Society of India, vol. 72 (1&2). (Paper Published by Dr. Soma Das, AS&H Dept.).

Faculty Achievements

1) Dr. Subhajit Ghosh, CSE Dept. served as a Reviewer for 5th 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT) organized by Galgotias University, Greater Noida from 09.02.2024 to 10.02.2024.
2) Dr. Sonali Mathur & Dr. Subhajit Ghosh, CSE Dept. received a Certificate of e-Voters' Pledge on 25.01.2024.

3) Mr. Sanjeev Sanyal, CS Dept. completed a Training Course on App Building Onramp from MATLAB on 05.01.2024.

4) Dr. Ajay Kumar, ECE Dept. reviewed a manuscript for "Journal of Solid-State Science and Technology" in the month of January 2024.

5) Dr. Ajay Kumar Sharma, Dr. Rabab Anjum, BT Dept. & Dr. Kavita Saxena, MCA Dept. attended a master class titled "The Art and Science of Business Innovation" delivered by Prof. Mary-Anne Williams from UNSW Sydney on 10.01.2024.

6) Dr. Ajay Kumar Sharma, BT Dept. conducted a Session on "Cultivating Curiosity: Exploring Biotech Careers through Innovation and Entrepreneurship" at Greenfield Public School, Govindpuram, Ghaziabad on 19.01.2024. 45 students participated in the Session.

7) Dr. Siddharth Vats, BT Dept. completed the Energy Conservation quiz and received a certificate from Ministry of Power, Govt. of India on 11.01.2024.

8) Dr. Siddharth Vats, BT Dept. reviewed a paper for Springer Journal, Journal of Food Science and Technology on 18.01.2024.

9) Dr. Siddharth Vats, BT Dept. reviewed a paper for Journal of Global Agriculture and Ecology on 12.01.2024.

10) Dr. Siddharth Vats, BT Dept. completed the quiz on Bharat-The Mother of Democracy and received a certificate from the Ministry of Defence on 11.01.2024.

11) Dr. Siddharth Vats, BT Dept. participated in Viksit Bharat Pledge and received a certificate on 11.01.2024.

12) Dr. Siddharth Vats, BT Dept. completed a World Health Organization Programme based certificate course on Cervical Cancer Prevention and control costing tool: HPV Vaccination Module on 11.01.2024.

13) Dr. Siddharth Vats & Dr. Rabab Anjum, BT Dept. participated in "Learning to deliver training in IPC and environmental cleaning for health care facilities in low-and-middle-income countries", a course offered by World Health Organization on 11.01.2024.

14) Dr. Rabab Anjum, BT Dept. completed a course on "Superficial Fungal Infections: Training of health workers at national and district levels on skin-NTDs" offered by World Health Organization on 10.01.2024.

15) Mr. Nikhil Kawatra, BT Dept. presented a paper on "Nano-Elicitation as an Efficient Strategy for Enhancing the Content of Health-Promoting Bioactive Compounds in Plants" in the International Conference on "Fundamentals and Applications of Nanotechnology" held on 05.01.2024.

16) Mr. Ashish Pandey, MCA Dept. attended a National Webinar on "Best Preparation & Practices for Improving National Institutional Ranking Framework (NIRF) in Higher Education Institutions" organized by Ashok Goel Library, Rishihood University, Sonipat on 29.01.2024.

17) FDP attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of FDP	Organized by	Date
1	Mr. Ram Krishna Singh	CS	ICT Integrated Evaluation in Outcome-Based Education	AMET University	05.01.24 – 12.01.24
2	Dr. Mohit Arya	AS&H	Emerging Trends in Data Analytics	SCLAS, Chennai	22.01.24 – 26.01.24
3	Dr. Vinita Rani, Dr. Sarita Devi Sharma, Dr. Mohit Rastogi	AS&H	ICT Integrated Evaluation in Outcome- Based Education	AMET University	05.01.24 – 12.01.24
4	Dr. Mohit Rastogi	AS&H	Modelling on Supply Chain Management Towards Sustainable Development	CCS University, Meerut	16.01.24
5	Dr. Kavita Saxena	MCA	Cloud Computing: A Hands-on Approach with AWS	NITTTR, Chandigarh	29.01.24 – 02.02.24
6	Mr. Kapil Kumar Sharma, Mr. Vipin Kumar Sharma,	MCA	Latest Trend and Techniques in Software Engineering: An Industry Perspective	CHRIST University, Bangalore	20.01.24 – 27.01.24
7	Mr. Ashish Pandey	MCA	The Future of Generative AI in Academic Research and	IEM, Kolkata	02.01.24 – 06.01.24

18) Workshop attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of Workshop	Organized by	Date
1	Mr. Ashish Pandey	MCA	AWS Service Management	Chalapathi Institute of Technology	08.01.24 - 10.01.24

Students' Achievements

1) Students' achievement of CSE Dept.

S.No	Name of Student	Year	Nature of Achievement
1	Divyam	4th	Got placed in Amazon
2	Devansh Pradhan, Kanav Kesar, Mayank Gupta, Pushpendra Singh, Rumi, and Shobha Shishodia	4th	Got placed in UNIFIED CLOUD

2) Students' achievement of CS/CSD Department:

S.No	Name of	Year	Nature of Achievement
1	Aastha Sharma	CSD-2nd	Completed a course on Prompt Engineering for Everyone Powered by IBM Developer Skills
2	Anshul Kumar	CS-2nd	Certificate by HackerRank for clearing the assessment in Java on
3	Richu Agarwal	CS-2nd	I Got certificate on completing Front End Development (CSS) course by Great Learning Academy in January 2024. I Completed Python zero to Hero on 06.01.24 from Lets upgrade
4	Sudanshu	CS-2nd	Got certificate by HackerRank for clearing the assessment in CSS
5	Ayushi Chaudhary	CS-2nd	I Got certificate on completing Front End Development (CSS) course by Great Learning Academy in January 2024. I Got certificate on completing Front End Development (HTML) course by Great Learning Academy in January 2024. I Got certificate on completing Python Fundamentals for beginners course by Great Learning Academy in January 2024 I Got certificate on completing UI/UX course by Great Learning
6	Vishesh Verma	CS-2nd	Worked on Following Projects in the month of January 2024: 1) Product Price Comparer and Tracker 2) Real-Time Chat Hub with WebSockets 3) React Showcase: Multi-Route User Explorer
7	Devansh	CS-2nd	Secured 2nd Position and a cash price of 2100/- in Poetry competition in Melange-Annual Inter Institute Cultural Fest, organized by IMS Ghaziabad from 19.01.24 to 20.01.24
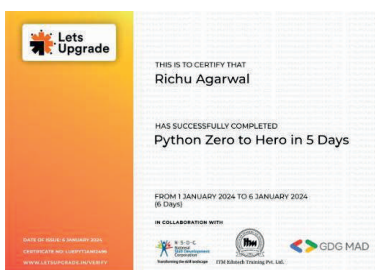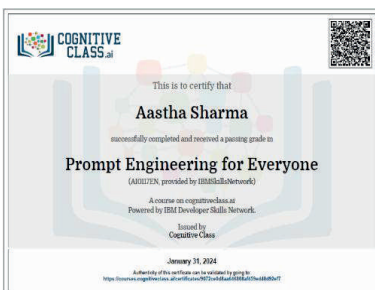
3) Students' achievement of IT Department:

S.No	Name of Student	Year	Nature of Achievement
1	Raja Singh, Md. Irfan, Manubhav Chauhan	2nd	Completed a course on "The Art and Science of Business Innovation" in partnership with IMSEC-iSTEP & UNSnW Sydney

4) Students' achievement of ECE Department:

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Sankalp	3rd	Got certificate for "Cybersecurity Analyst Job Simulation" on 27.01.2024.
2	Ms. Vaishnavi Kaushal	2nd	Participated in "Capture the Flag" conducted by IIT Madras as part of Shaastra on 04.01.2024

5) Students' achievement of BT Department:

S.No	Name of Student	Year	Nature of Achievement
1	Kashish Zoya, Akarsh Sharma, Aditi	2nd	Attended a workshop on Molecular Genetics conducted by Edutech life from 27.01.24 to 28.01.24 at IIT Delhi

6) Students' achievement of MCA Department:

S.No	Name of Student	Year	Nature of Achievement
1	Simran Matoria	2nd	Completed an online non-credit course on "Start the UX Design Process: Empathize, Define, and Ideate" authorized by Google and offered through Coursera on 10.01.2024
2	Shantanu Sharma	2nd	Completed online course on python for Data Science from Great learning on 31.01.24 Completed a 4 week virtual internship Program in python programing at Codesoft from 15.12.2023 to 15.01.2024.
3	Rupal Tyagi	2nd	Selected for a position of Machine Learning Intern at Mentorness Internship program for 4 week.
4	Manikant Sharma	1st	Completed an online course on Git Tutorial from Great learning on 31.01.2024
5	Mustkeem Khan	1st	Completed a course on Alpha (DSA with Java) from Apna College on 31.01.2024

Other Significant Activities

1) IMS Engineering College, Ghaziabad, hosted an Alumni Sports Meet on 27.01.2024. Over 50 esteemed alumni from various branches and batches participated in cricket, chess and badminton tournaments. The occasion was graced by Prof. Prerna Gaur, Director, West Campus, Dr. A.P. Mittal, Dr. Vishal Bhatnagar and Dr. Vijander Singh, Netaji Subas University of Technology, Delhi.

2) IMS Engineering College, Ghaziabad celebrated the Republic Day on 26.01.2024 with the spirit of patriotism and unity. Prof. (Dr.) Vikram Bali, Director, IMS Engineering College, Ghaziabad delivered an insightful address, reflecting on the significance of the day and fostering a sense of national pride. The cultural program resonated with the melodies of patriotic songs and the recitation of stirring poems.

IF YOU CAN DREAM IT, YOU CAN DO IT

— WALT DISNEY —