October 2023   **Volume-2, Issue - 10**

"The International Day of the Girl Child" was observed on 11th of October to recognize girls' rights and the various challenges being faced by girls in today's scenario. This year's theme focused on taking actions against those who are curtailing girls' rights. IMS Engineering College propagated the theme of gender equality and intensified the "well-being concept" for girl children.

Confluence

"The Newsletter"

The students campaigned for "Beti Bachao and Beti Padhao" also and became highly vocal to safe humanity and uplift mankind.

Expert Talk/Guest Lectures

1) IMS Engineering College, Ghaziabad organized an **Expert Session** on **"Empowering Tomorrow's Engineers: Mentorship on Higher Studies, Permanent Residency, and Life's Rich Experiences"** by **Mr. Navdeep Saini**, a certified PMP and Senior Consultant in the Electric Power industry, USA on 22.09.2023.

2) Department of Computer Science organised an **Expert Talk** on **"Salesforce- A leader in CRM"** by **Mr. Vineet Verma**, Director LearNowX/Practice Head, **Mr. Harsh Vardhan Mishra**, Data Scientist and **Mr. Vivek Sharma**, Business Development Manager, **Cloud Analogy** on 15.09.2023 for 2nd & 3rd Year students.

3) Department of Information Technology in association with IQAC organised an **Alumni Talk** on **"Importance of Data Structure for Qualifying GATE and Placement Drives"** by **Ms Kajal Khanna**, Alumna, B.Tech (IT) – 2021 (University Bronze Medallist) on 11.09.2023. All the students of IT - 2nd Year attended the talk.

4) Department of Biotechnology organized an **Awareness Session** on **"Life Skills to Enhance Mental Health: Innovative Approaches,"** in collaboration with the Institute Innovation Council (IIC) by **Ms. Soma Singh**, Art of Living Volunteer & Education Leader on 18.09.2023. Total 75 Students from 2nd, 3rd & 4th Year participated in the session.

5) Department of MBA organized an **Expert Talk** by **Dr. Shailja Grover -** a Data Scientist and ZED Master Trainer from the Ministry of MSME, Government of India on 26.09.2023. Students of MBA 1st & 2nd Year attended the session
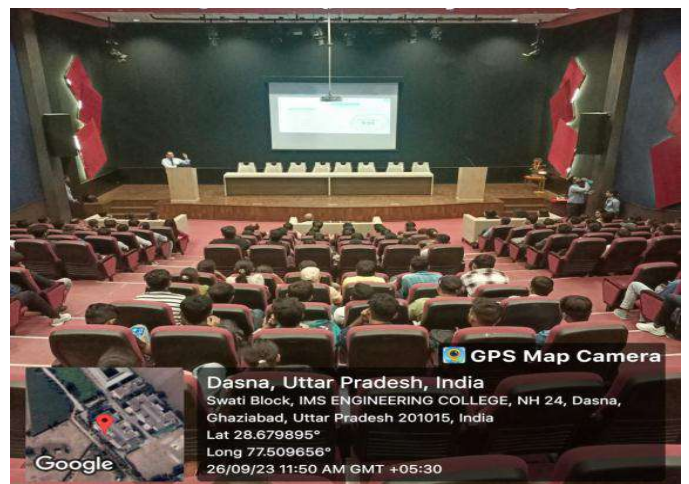
6) Department of MBA organized a **Guest Lecture** by **Mr. Ashish Kumar,** Service Delivery Manager, TCS on 29.09.2023. Students of MBA-1st Year attended the session.

7) Department of MBA organized a **Guest Lecture** by **Mr. Sarthak Malakar**, Chief Manager, Bank of Baroda and **Mr. Sulabh Jain**, Senior Manager, Bank of Baroda on 27.09.2023. Students of MBA-1st Year attended the session.

FDP Organized

1) Department of MBA organized an online Five-day **Faculty Development Program** on **"Panal Data Analysis, Using Gretl Software"** from 11.09.2023 to 15.09.2023.

Workshop Organized

1) The **Value Education Cell** organized a **Workshop** on **"Universal Human Values"** in collaboration with IQAC for the non-teaching staff members on 23.09.2023. **Dr. Milan Chakraborty**, AS&H Dept. was the Key Speaker. The topic was **"Understanding Harmony - Self and Family"**. **Dr. Naveen Kumar Sharma**, AS&H Dept. has also contributed his experiences and enriched the workshop at the end.

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2) The Department of Computer Science **organised** One-day Workshop on **"Network Security and Ethical Hacking"** for the students of Pre-Final Year on 20.09.2023 by **Mr. Sandeep Kumar**, Network Trainer from Network Bulls, Gurugram.

Value Added Programs

S.No.	Name of Value Added Course	Conducted by
1	**Urbanity Soft-skill training** for MBA 1st & 2nd Year students on every working Saturday	MBA
2	**Web Designing Skill** (40 hours duration) for MCA - 2nd Year students (Date of Commencement: 18.09.2023)	MCA
3	**Introduction of AI and Python Programming** (40 hours duration) for MCA - 2nd Year students (Date of Commencement: 18.09.2023)	MCA

Departmental Activities

1) Department of Applied Sciences and Humanities, in collaboration with the NSS Committee, organized an **Awareness Program** on **Nasha Mukt Bharat Abhiyaan** on 29.09.2023.

2) Department of Applied Sciences and Humanities **launched** a **Bridge Course** for the B.Tech-1st year students on 19.09.2023 to curb the gulf between school and college level education.

3) Department of Computer Science and Engineering organized a **Students Interaction Session** of Final Year Students with **Mr. Ankit Jain**, Head-CDC on 18.09.2023.

4) Department of Computer Science and Engineering organized an **Orientation Program** for all the CSE – 2nd, 3rd & 4th year students on 11.09.2023.

5) Department of Information Technology started **Jigsaw model of placement training activities** in which some selected senior students have been given opportunity to teach the junior students on placement related subjects. Currently, **Mr. Harsh Saraswat and Mr. Mohit Kumar**, IT – 3rd Year the training 2nd Year students.

6) Department of Biotechnology organized a **Parent Teacher Meeting** on 23.09.2023. 22 parents attended the PTM.

7) Department of Biotechnology organized an **Orientation Session** for the students of 2nd & 3rd Year. The session was coordinated by **Dr. Rabab Anjum** and **Dr. Mohit Kumar,** Assistant Professor-BT. Total 55 students participated in the Orientation Session.

8) **6 projects** from the Department of Biotechnology got selected in Smart India Hackathon (SIH)-2023 under the supervision of **Dr. Ajay Kumar Sharma,** Head-Biotechnology. **Dr. Siddhartha Vats**, **Dr. Shomini Parashar**, **Dr. Rabab Anjum**, **Dr. Mohit Kumar Chawla** and **Dr. Nikhil Kawatra**. Each group had 6 students from different years of engineering branches.

9) Department of MBA organized a **Spiritual Session** by **Mr. Brahma Kumar Piyush** from Brahma Kumari on 27.09.2023. Students of MBA – 1st Year attended the session.

10) Cultural Club of Department of MCA organized a **Debate Competition** on "**Technical Education in Hindi Language"** on the occasion of **Hindi Diwas** on 14.09.2023.

11) Department of MCA organized a Two-days **Bridge Course** for MCA – 1st Year Students from 27.09.2023 to 29.09.2023. Technical Sessions were held on OBs, COs, Blockchain, IoT, Artifical Intelligence, Extended Reality (XR) and Human Values. Various games and fun activities were also held.

Patents published by Faculty members

1) **Dr. Amit Chugh**, CSE Dept. published an **International Patent** titled "**Blockchain Enabled Device For Computer Network Security"** on 01.09.2023 (UK Design No. 6304744)

Paper Publication by Faculty Members

1) **Kumari R.**, Angira M. (2023). **RF-MEMS capacitive switches: enabling transition towards 5G/B5G applications.** *International Journal of Information Technology*. Vol. 15, page 3889–3897. DOI 10.1007/s41870-023-01457-7. **(Paper published by Ms. Raj Kumari, CS Dept.)**

2) Lee J., Lim S.H., Batul A., Sharma B., **Singh K.**, Khor W., Raveendran K.D., Kong M.C., Syrine K., Pradhan S., Kee D.M.H. (2023). **Greening Starbucks: Investigating the Relationship between Consumer Green Awareness and Purchase Intentions in Malaysia.** *Journal of the Community Development in Asia.* Vol. 6, No. 3, pp.1-16 **(Paper Published by Dr. Kavita Singh, MBA Dept.)**

3) **Singh K.** (2023). **Factors influencing consumer behavior intention to purchase fast food: A study of McDonald's in Malaysia**. *Journal of the community Development in Asia*. Vol. 6, No. 3, pp. 64-79. **(Paper Published by Dr. Kavita Singh, MBA Dept.)**

4) **Mohan N.** (2023). **A Study of Customer's Satisfaction at Burger King in Asian Countries**. *Journal of the community Development in Asia*. Vol. 6, No. 3, pp. 96-108. **(Paper Published by Dr. Nitin Mohan, MBA Dept.)**

Faculty Achievements

1) **Dr. Savita Agarwal**, AS&H Dept. **presented** a paper titled **"The role of artificial intelligence in environmental monitoring and conservation"** in National Conference on **Green Technology (NCWM-2023)** organized by CSM Institute of Technology on 16.09.2023.

2) **Dr. Sarita Devi Sharma, Dr. Vinita Rani & Dr. Soma Das,** AS&H dept. **participated in 3-week DST sponsored** Women Entrepreneurship Development Program on **"Empowering Entrepreneurship for Health, Food & Technology Innovation"** organized by AMET deemed to be University, Chennai from 28.08.2023 to 15.09.2023.

3) **Dr. Sonali Mathur**, CSE Dept. participated in the event **Chandriyaan-3 Mahaquiz** organized by Govt. of India.

4) **Ms. Meenu Sharma**, CSE Dept. completed a One-Week online Short-Term Course on "**Artificial Intelligence for Next Generation IoT Networks"** organized by Dr. B.R. Ambedkar National Institute of Technology, Jalandhar from 11.09.2023 to 15.09.2023.

5) **Dr. Monika Nagar**, CS Dept. completed a course on **"Business Analytics with Excel: Elementary to Advanced"** from 07.08.2023 to 17.09.2023 through COURSERA.

6) **Mr. Amit Maan**, CS Dept. attended One day Interaction Program organized by MongoDB on 14.09.2023 at Aerocity Delhi.

7) **Dr. S.N. Rajan,** IT Dept. was **invited as Ph.D examiner** to evaluate the Ph.D scholors at Monad University, Pilkhuwa on 08.09.2023.

8) **Dr. S.N. Rajan,** IT Dept. & **Dr. Pramod Singh,** ECE Dept. chaired a session in IEEE sponsored International Conference on **"Sustainable Emerging Innovations in Engineering & Technology (ICSEIET-23)"** organized by ABES Engineering College, Ghaziabad on 14.09.2023 & 15.09.2023.

9) **Dr. Balwant Singh,** ECE Dept. reviewed a research paper for international journal "Telecommunication Systems" (SCIE and SCOPUS indexed).

10) **Dr. Jyoti Guglani & Ms. Mayurika Saxena**, ECE Dept. completed DST sponsored three-week women entrepreneurship development program on **"Empowering Entrepreneurship on Health, Food and Technology Innovations"** organized by Academy of Maritime Education and Training, Deemed to be University, Chennai from 28.08.2023 to 15.09.2023.

11) **Dr. Vivek Pandey** & **Dr. Subhash Mishra**, ME Dept. attended a Five-days online Short Term Training Program on **"Advancements in Energy and Manufacturing Engineering"** organized by Poornima College of Engineering, Jaipur from 25.09.2023 to 29.09.2023.
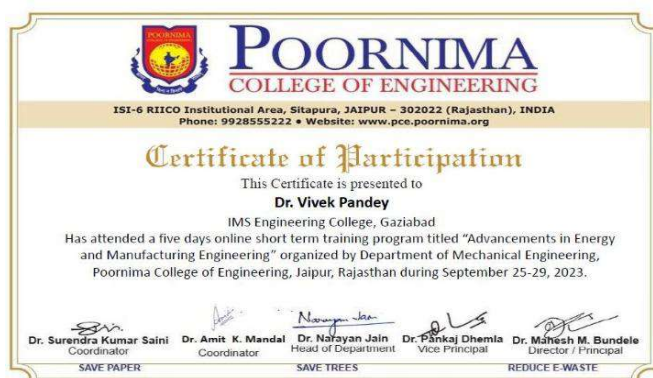
12) **Dr. Ajay Kumar Sharma**, BT Dept. held a session on **"Importance of R&D Activities in Academic Setting".** There were 60 participants in the session.

13) **Dr. Siddharth Vats** and **Dr. Nikhil Kawatra**, BT Dept. attended the event **"G20 University Connect Programme"** on 26.09.2023 at the **Bharat Mandapam, Pragati Maidan, New Delhi.**

14) **Dr. Meenu Baliyan**, MBA Dept. attended **14th Global Skill Summit 2023,** hosted by FICCI at Federation House, New Delhi from 20.09.2023 to 21.09.2023.

15) **Dr. Kavita Saxena,** MCA Dept. completed a course on **"Blockchain A-Z: Learn Blockchain, Cryptos & Smart Contracts"** from UDEMY.

16) **Faculty Development Program** attended by Faculty Members:

S.No	Faculty Name	Dept.	Name of Faculty Development Program	Organized by	Date
1	**Dr. Purnima Pandey**	AS&H	Research Methodology	SRM Institute of Science & Technology, Chennai	11.09.2023 – 17.09.2023
2	**Dr. Pavan Gangwar**	ECE	Smart Grid and Integration of Distributed Generation	NITTTR, Chandigarh	28.08.2023 – 01.09.2023
3	**Mr. Ashish Pandey**	MCA	From Research to Publication	Adhiyaman Arts and Science College For Women	04.09.2023 – 11.09.2023
4	**Mr. Ashish Pandey**	MCA	Influence of AI in Teaching & Research	Hindustan College of Arts and Science	04.09.2023 – 09.09.2023

17)   **Webinar** attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of Webinar	Organized by	Date
1	**Ms. Raj Kumari**	CS	AMD-Xilinx Designing with Versal Adaptive SoC: Architecture and Methodology	CoreEL Technologies	04.09.2023
2	**Dr. Rabab Anjum**	BT	NIRF	KRAMAH software	13.09.2023
3	**Dr. Mohit Chawla**	BT	NIRF	KRAMAH software	13.09.2023
4	**Mr. Ankit Kumar**	MCA	Research Opportunity in Artificial intelligence	Sreenivasa Institute of Technology and Management Studies	23.09.2023
5	**Mr. Ashish Pandey**	MCA	Research Opportunity in Artificial intelligence	Sreenivasa Institute of Technology and Management Studies	23.09.2023

18)   **Workshop** attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of Workshop	Organized by	Date
1	**Mr. Ram Krishna Singh**	CS	Intellectual Property Rights in Academic Institutions	Patrician College of Art & Science, Tamil Naidu	01.09.2023

Students' Achievements

1)   **Students' achievements of CSE Dept.**

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Shivam Singh	2nd	Participated in the event Chandriyaan 3 Mahaquiz 3
2	Mr. Pratish Yadav	2nd	Participated in the Hackerrank Challenge and earned his 5th Star.
3	Mr. Basant Yadav	2nd	Course completed on Tools of the Trade: Linux and SQL, an online non-credit course authorized by Google and offered through Coursera
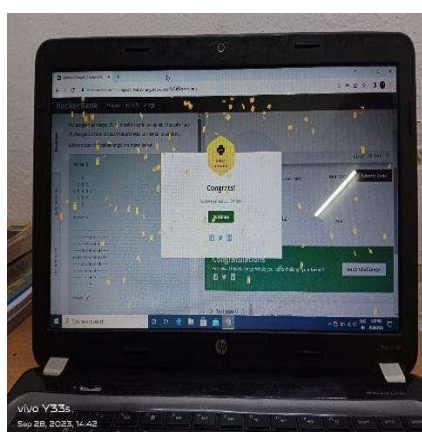
2)   **Students' achievements of IT Department**

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Ayush Shukla	3rd	Completed a certified course from Linked In Learning 01.09.2023
2	Mr. Vivek Pratap Singh	2nd	Completed Developer Certification from FreeCodeCamp on 16.09.2023
3	Ms. Sanyam Tyagi	2nd	Completed Internship from Solveforge Private limited on 29.09.2023
4	Mr. Mohammad Aszad	3rd	Completed a certified course from Udemy on 10.09.2023
5	Ms. Sajal Gupta	2nd	Completed a certified course from FreeCodeCamp on 15.09.2023

3) Students' achievements of ME Department:

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Raj Kamal Yadav, Mr. Akarsh Saxena, Mr. Vikash Kumar, Mr. Harshwardhan Choudhary, Mr. Ujjawal Agarwal and Mr. Satyam Singh	3rd	participated in Mechanical Engineering Quiz Competition organized by LLOYD Institute of Engineering and Technology, Greater Noida from 15.09.2023 -17.09.2023
2	Mr. Praveen Kumar, Mr. Yashwinder Singh, Mr. Salil Saxena and Mohd Hamza	4th	participated in Mechanical Engineering Quiz Competition organized by LLOYD Institute of Engineering and Technology, Greater Noida from 15.09.2023 -17.09.2023
3	Mr. Praveen Kumar	4th	• participated in the webinar on Importance of Power Electronics in EV Technology offered by ISIEINDIA on 24/09/2023 • participated in the webinar on High Voltage Systems in Electric Vehicle offered by ISIEINDIA on 24/09/2023
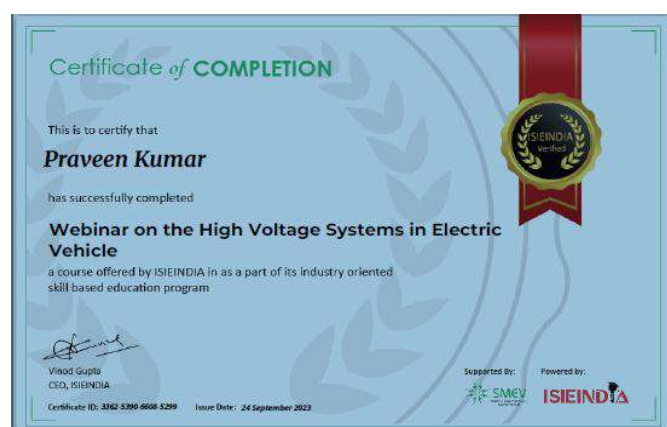
5) Students' achievements of CS Dept.

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Sameer, Mr. Sudhanshu Kumar, Mr. Mitul Kumar Chauhan, Ms. Khushi Gautam, Mr. Anshul Kumar, Mr. Alok kumar	2nd - CS	Team selected for Smart India Hackathon (SIH)
2	Mr. Sparsh Agarwal, Mr. Tushar Agarwal, Mr. Yash Singhal, Mr. Yash Jain, Mr. Yashika Mishra, Mr. Nishttha Paliwal	4th – CS	Team selected for Smart India Hackathon (SIH)
3	Mr. Akshat Trivedi, Mr. Krishna Kant Dwivedi, Mr. Harsh Bansal, Mr. Ayush Kumar Singh, Ms. Khushi Sharma, Divyanshi Bansal	3rd – CS	Team selected for Smart India Hackathon (SIH)
4	Mr. Kapil Kushwaha, Ms. Shambhavi Pandey, Mr. Himanshu Mishra, Mr. Harsh Tyagi, Mr. Samyak Jain, Ms. Khushi Singh	2nd - CSD	Team selected for Smart India Hackathon (SIH)
5	Mr. Shivang Rastogi, Ms. Vanshika Dwivedi, Mr. Vivek Chaudhary, Ms. Kanika, Mr. Prince Kumar, Ms. Deeksha Gangwar	3rd - CSD	Team selected for Smart India Hackathon (SIH)
6	Mr. Aman Pratap Singh, Ms. Shreya Saha, Ms. Sneha Sharma, Ms. Divyanshi Gaur, Ms. Chelsi Jatin Chauhan	2nd - CSD	Team selected for Smart India Hackathon (SIH)
7	Ms. Palak Singhal, Ms. Kashish Chauhan, Ms. Gauri Sharma, Mr. Ansh Khantwal, Mr. Rohan Teotia, Mr. Naveen Nagar	2nd – CS	Team selected for Smart India Hackathon (SIH)
8	Ms. Khushi Agarwal, Mr. Anirudh Singh Tomar, Mr. Arpit Kumar, Ms. Kritika, Mr. Srajan Agrawal, Mr. Anshul Sharma	2nd – CSE(AIML)	Team selected for Smart India Hackathon (SIH)

6) Students' achievements of BT Department:

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Modeep Parashar	3rd	• Participated in the event Chandriyaan 3 Mahaquiz. • Completed 15 days Industrial training in Clinical Pharmacology and Pharmacokinetics Department of Sun Pharma's Research and Development Centre of Gurugram, Haryana.

7)   **Students' achievements of MBA Department**

S.No	Name of Student	Year	Nature of Achievement
1	Ms. Nupur Tayal	2nd	Completed a course on Project Management from Great Learning
2	Mr. Shikhar Gupta	2nd	• Completed a course on Digital Marketing from Digital Ad Expert • Presented a Paper on "A Study of Customer's Satisfaction at Burger King in Asian Countries".
3	Mr. Gautam Rastogi	2nd	Completed a course on Leadership Skills from IIMA
4	Ms. Shalini Chauhan, Ms. Shivangi Pandey	2nd	Presented a Paper on "A Study of Customer's Satisfaction at Burger King in Asian Countries".

8)   **Students' achievements of MCA Department**

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Sagar Chauhan	2nd	• Completed certification Program in HTML, CSS, and JavaScript for Web Developers offered by The Digital Adda on 13.09.2023 • Participated in a National Engineers' Day Quiz Competition organized by SND Polytechnic, Yeola (Nashik) Department of Central Library on 18.09.2023 • Participated and secured 67% in ECO QUIZ - 2023 conducted by Department of Computer Science of St. Joseph's College for Women, Tirupur on 21.09.2023
2	Mr. Shantanu Sharma	2nd	Completed free online course on SQL for Data Science organized by Great Learning Academy.

Other Significant Activities

1)   IMS Engineering College, Ghaziabad organized **SIH – 2023**, **Internal Hackathon Round-2** from 25.09.2023 to 26.09.2023. The program aimed to select teams to be promoted to the national level at **SIH-2023**. A total of 45 teams, each comprising 06 members participated in the event. 39 Teams presented their ideas in the software edition and 06 demonstrated their prototypes in the Hardware edition. Total of 35 teams were selected in the hardware and software division from Second level of competition to submit their ideas for SIH-2023 Grand Finale.

2)   Faculty members of IMS Engineering College took part at the **Jan Bhagidari G20 University Connect Programme** at **Bharat Mandapam in Pragati Maidan, New Delhi**. The **Honourable Prime Minister of India, Sh. Narendra Modi Ji** inspired and motivated all the students, faculty members and other dignitaries who were a part of this prestigious programme

3)   IMS Engineering College, Ghaziabad organised **Alumni Meet – NCR Chapter – 2023** on 23.09.2023. This Alumni Meet – NCR Chapter was attended by Alumni from batches 2006 to 2022.

4)   Department of Biotechnology celebrated **Teacher's Day** on 05.09.2023. **Dr. Ajay Kumar Sharma**, HoD BT, inspired 2nd, 3rd & 4th Year students by telling the inspirational success stories of biotechnology entrepreneurs. Total 58 students participated in it.

5)   Department of MBA & MCA organized **AAROHAN 2K23 - The Orientation Programme** for MBA/MCA – 1st Year Students on 26.09.2023. The Guest Speaker for the Programme was **Dr. Shailja Grover -** a Data Scientist and ZED Master Trainer from the Ministry of MSME, Government of India.

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