Confluence

Newsletter

International Literacy Day was observed on 8th September to unveil the significance of literacy among people. Indeed, a matter of dignity and human right to get literate. IMSEC contributed diligently to propel the momentum further. It is believed that only literacy can manifest the dreams of a person, when chased with a passion of integrity, rationality and sensitivity.
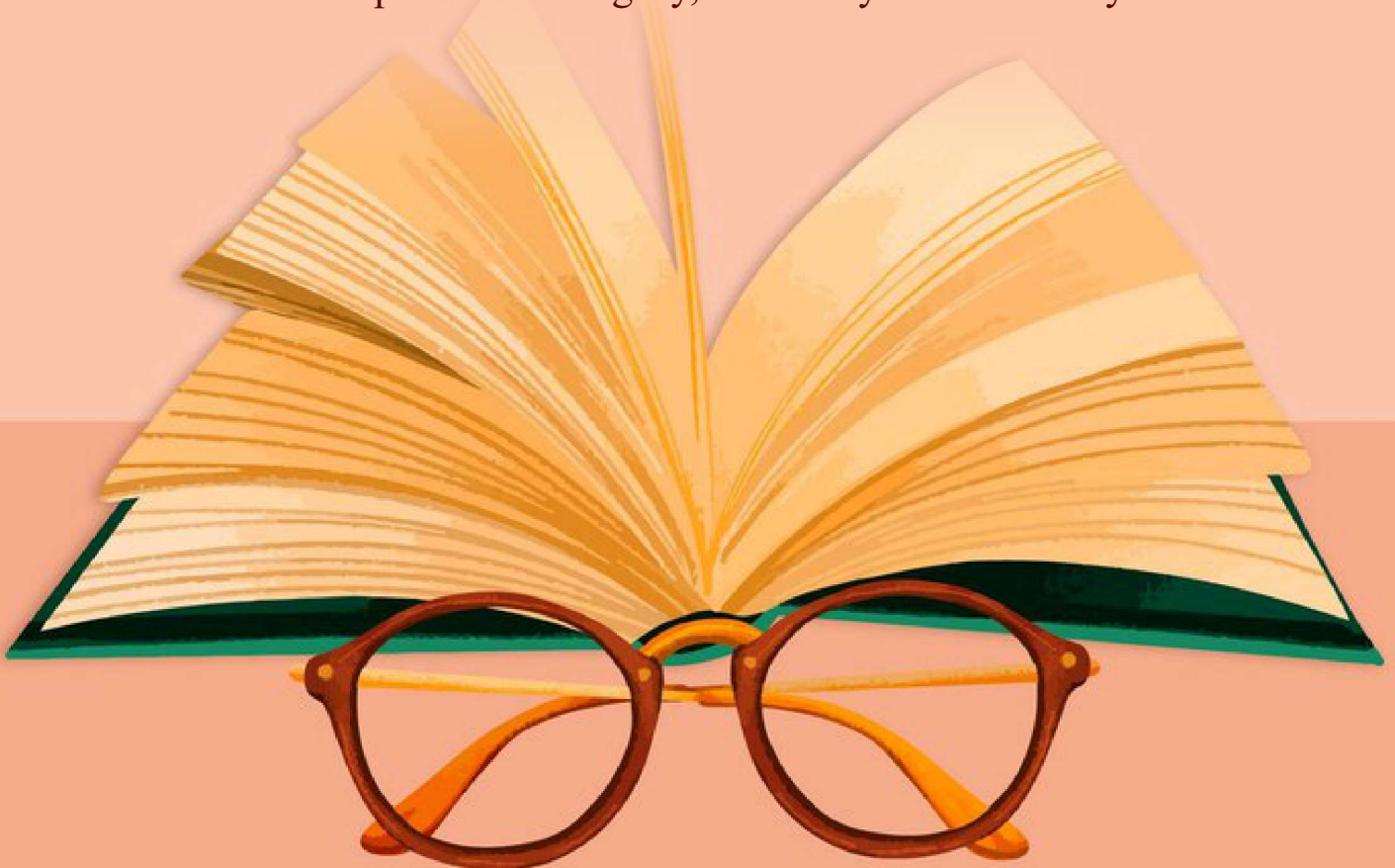
"Literacy is a bridge from misery to hope"

College Achievements

1. IMS Engineering College salutes the True Spirit of Intellectual acumen, Research orientation and Innovative mindset of our Alumna Ms. Vinti Bhatia (Alumna of Mechanical Engineering Branch, Batch 2007-11) and extend our heartiest congratulations for being an integral part of Chandrayaan-3 mission accomplished successfully.

2. **IMSEC achieved 96.3% result in MBA - IV Semester University Examination (2022 - 23)**

Expert Talk/Guest Lectures

1) Department of Computer Science and Engineering organized an Alumni Talk on "Entrepreneurship as a Career Opportunity" on the occasion of World Entrepreneurship Day on 21.08.2023. The Guest Lecture was delivered by our Alumna Ms. Palak Bhatnagar.
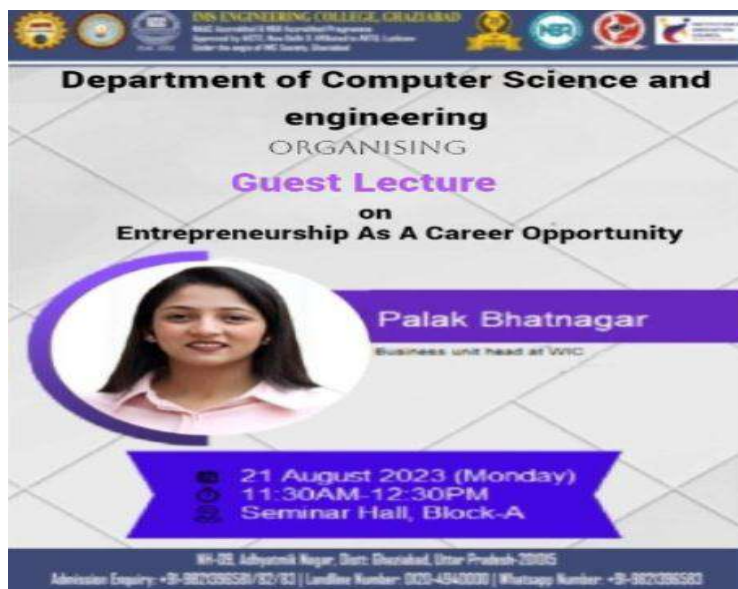
2) ICT Academy hosted an online session on 'Empowering Excellence: Unleashing the Power of Teamwork, Training, and Innovation' in collaboration with Capgemini on 18.08.2023. Ms. Anupama Arvind Kumar, Executive Vice President, Financial Services, Capgemini was the Expert Speaker. All the students who enrolled in Capgemini training along with ICT Trainer, Coordinator, and SPOC attended the online session.

3) Department of MCA organized a Guest Lecture on "Importance of Innovations in Entrepreneurship" by Dr. Manjeet Kaur Ratan, Treasurer CSI Ghaziabad Chapter and Associate Professor, DIHE, Gr. Noida (West) on the occasion of World Entrepreneurship Day on 21.08.2023. The session was attended by more than 100 students and faculty members.

4) Department of Information Technology organized a **special talk** on **"Importance of Entrepreneurship in National Economy and Government Support System"** on the occasion of **World Entrepreneurship Day** on 21.08.2023 by **Mr. Birendra Singh Sajwan**, Head Mentoring Department, NIESBUD, Noida. A large number of Students, faculty members, and staff of IMSEC participated in this virtual program.
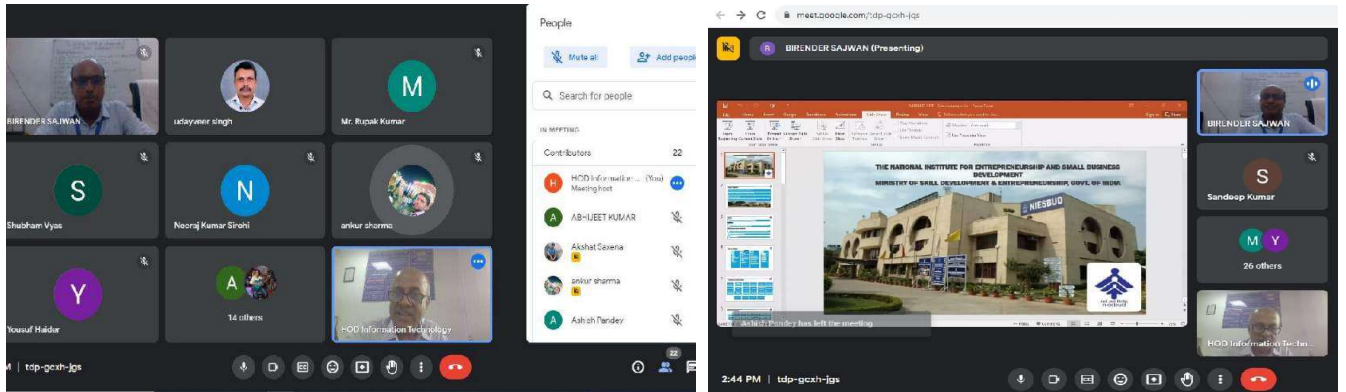
5) Department of Computer Science & Engineering organized an **Expert Talk** on **"Outcome-Based Education (OBE) Practices and Attainment process"** by **Mr. Nishant Anand**, Assistant Professor, CSE Dept. on 17.08.2023.

6) Department of Computer Science & Engineering organized an **Expert Talk** on **"Introduction to Bloom's Taxonomy"** by **Dr. Deepti Aggarwal**, Professor, CSE Dept. on 18.08.2023.

7)   Department of Computer Science & Engineering organized an Expert Talk on "Innovative Teaching Practices" by Dr. Sushil Garg, Professor, CSE Dept. on 23.08.2023.

8)   Department of Biotechnology organized an Expert Talk on "Angel Investment/VC Funding Opportunity for early stage Entrepreneurs" on 11.08.2023 by Dr. Ajay Kumar Sharma, Head of the Biotechnology Department. 23 students participated in the Expert Talk.

9)   Department of MBA in collaboration with IIC, organized an Online Guest Lecture to commemorate Entrepreneurship Day on 21.08.2023. The guest speaker were Mr. Satish Kumar, Assistant Director, Ministry of MSME, (Government of India), Mr. Hitaish Srivastav, Founder and CEO of Bag Bugs, and Mr. Shivang Mittal, CEO of Mittal Polyester Fabric.

FDP Organized

1)   Department of MBA organized a Two-day Faculty Development Program on "Enhancing Leadership Excellence through Emotional Intelligence and Stress Management" by Mr. Ajay Sharma, CEO, TPC Global from 24.08.2023 to 25.08.2023.

Workshop Organized

1)   Department of Applied Science & Humanities organized a Workshop on "Lean Start-up & Minimum Viable Product/Businesses" under the banner of Institute's Innovation Council by Dr. Milan Chakraborty, AS&H department on 19.08.2023.

Industrial Visit

1)   Department of MBA organized an industrial visit to Yars Solution, Sahibabad Industrial Area, Site-4, Ghaziabad on 25.08.2023 for MBA – II Year Students.

2) Department of MBA organized an industrial visit to Maharaja Engineering Works Ltd, Sahibabad Industrial Area Site-4, Vaishali, Ghaziabad on 25.08.2023 for MBA – II Year Students

3)   Department of MBA organized an industrial visit to S.G. Trading Company, Hapur on 25.08.2023 for MBA – II Year Students.

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

Departmental Activities

1)   Department of MCA organized an Interactive Session on "Enhancing Functionality Through ERP" by Dr. Kavita Saxena, Professor and Head, MCA Dept. on 25.08.2023. All Deans, Heads and faculty members attended this session.

2) Department of Biotechnology **celebrated** the **World Entrepreneur's Day** on 21.08.2023. The event was a panel discussion with the students of final year who have their 7th and 8th semester dedicated to project. The discussion involved all the faculty members from the Biotechnology Department. The event was coordinated by **Dr. Siddharth Vats**, Additional HoD Biotechnology. There were 45 participants in the event.

Patents published by Faculty members

1) **Mr. Manoj Kumar Singh,** CSE Dept. published a **Patent** with tile of invention **"An AI-Powered Intelligent Transportation System and Method Thereof".** (Application No. 202311049600)

2) **Dr. Rabab Anjum**, BT Dept. published a **Patent** with title of Invention **"AI/ML-Based Disease Prediction System with Personal Health Data Management and Sharing Capabilities".**

Patents published by Students

1) **Mr. Kunal Nagarkoti & Ms. Aditi Singh, BT – 4th Year** published a **Patent** with title of Invention **"AI/ML-Based Disease Prediction System with Personal Health Data Management and Sharing Capabilities".**

Paper Publication by Faculty Members

1) **Rastogi M., Tayal S., Singh S.R. (2023). A study on a system of electronic appliances with parabolic time – linked holding cost and partial backlogging under inflation** . International Journal of Applied and Computational Mathematics – Springer. Vol. 9, Issue 5. DOI: https://doi.org/10.1007/s40819-023-01535-1 **(Paper published by Dr. Mohit Rastogi, AS&H Dept.)**

2) Kansal M., Singh P., **Singh M. K,** Varshney S. (2023). **A Systematic Study of Services and Security Model in Cloud Computing: A Brief Overview**. IGI Global Publishers (BOOK CHAPTER) DOI: 10.4018/979-8-3693-0200-2. **(Book Chapter published by Mr. Manoj Kumar Singh, CSE Dept.)**

3) Singh P., Kansal M., **Singh M. K,** Kumar S., Dwivedi A. (2023). **Crop Disease Prediction Using Deep Learning Algorithms** . IGI Global Publishers (BOOK CHAPTER) DOI: 10.4018/979-8-3693-0200-2. **(Book Chapter published by Mr. Manoj Kumar Singh, CSE Dept.)**

4) **Verma R. K**, Priya B., Singh M., **Singh P.,** Yadav A., Singh V. K. (2023). **Equivalent circuit model-based design and analysis of microstrip line fed electrically small patch antenna for sub -6 GHz 5G applications**. International Journal of Communication Systems, 2023 (SCI, Wiley, IF=2.1). Vol. 36, Issue 17, DOI: https://doi.org/10.1002/dac.5595 **(Paper Published by Mr. Ramesh Kumar Verma, CSE Dept and Dr. Pramod Kumar Singh, ECE Dept)**

Faculty Achievements

1)   Dr. Subhash Mishra, AS&H Dept. participated in a two day International Conference on "Construction, Real Estate, Infrastructure & Project Management" organized by NICMAR University from 11.08.2023 to 12.08.2023. He also presented a paper on "Multi objective optimization of multifunctional materials for structural applications in construction."

2)   Mr. Nishant Anand, CSE Dept. delivered an Expert Talk on "Outcome-based Education (OBE) Practices and Attainment process" on 17.08.2023.

3)   Dr. Deepti Aggarwal, CSE Dept. delivered an Expert Talk on "Introduction to Bloom's Taxonomy" on 18.08.2023.

4)   Dr. Sushil Garg, CSE Dept. delivered an Expert Talk on "Innovative Teaching Practices" on 23.08.2023.

1)   Mr. Ramesh Kumar Verma, CSE Dept. reviewed a research article for "Wireless Personal Communications", Ubiquitous Technology in Communication and Artificial Intelligence (UTCA-2023).

2)   Dr. Monika Nagar, CS Dept. presented a paper on "Perspicacity of Business Analytics and its scope in India" at National Conference-NCISST-2023 on 14-15.08.2023 organized by Kasigara Institute of Science and Technology, Andhra Pradesh.

3)   Dr. Monika Nagar, CS Dept. presented a paper on "National Education Policy-2020 and Gender Equality: A Study" at National Conference-NCISST-2023 on 14-15.08.2023 organized by Kasigara Institute of Science and Technology, Andhra Pradesh.

4)   Dr. Sonia Juneja, CS Dept. appointed as reviewer for ICIS23: International Conference on Intelligent Systems: Approaches, Technologies, and Network - 2023 scheduled to be held on December 4-5, 2023.

5)   Dr. Pramod Singh, ECE Dept. & Dr. Vijay Kumar, EN Dept. reviewed a research papers for 3rd International Conference on Advancement in Electronics & Communication Engineering 2023 to be organized by RKGIT, Ghaziabad from 23 to 24.11.2023.m

8) **Dr. Ajay Gangwar**, ECE Dept. worked as **a reviewer** for the **"Hindawi portfolio of journals"** and **"Intelligent and Smart Computation ICIASC-2023".**

9) **Dr. Balwant Singh,** ECE Dept. worked as a **reviewer** for the **"International Journal of Systems Assurance Engineering and Management (IJSA)"** (Scopus Indexed) and **"Wireless Personal Communications"** (SCI Indexed).

10) **Dr. Subhash Mishra,** ME Dept. **presented a paper "Multi- objective optimization of Multi functional Material for structural application in construction"** in **7th International Conference on Construction, Real State, Infrastructure and Project Management (ICCRIP)** organized by NICMAR University, Pune from 11th to 12th August 2023.

11) **Dr. Rabab Anjum**, BT Dept. **appointed as reviewer** of two book chapter by AISIA 2023 CRC publication.

12) **Dr. Ajay Kumar Sharma**, BT Dept. **delivered a talk** on **"Angel Investment/ VC Funding Opportunity for early -stage Entrepreneurs"** on 11.08.2023.

13) **Dr. Siddharth Vats,** BT Dept. **delivered an online talk** on **"Exploring Biotechnology tools to augment the growth of agriculture in India"** in FDP organized by the institute of Agriculture Science and Technology, SRM University, Lucknow on 26.08.2023.

14) **Mr. Mohit Kumar Chawla**, BT Dept. has been awarded with provisional **Ph.D degree certificate** on 04.08.2023.

15) **Dr. Kavita Saxena**, MCA Dept. **completed** ICT based Short Term Course on **AI/ML and Data Science for Industry 4.0 (Basic Level)** organized by NITTTR, Chandigarh from 21.08.2023 to 25.08.2023.

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

S.No	Faculty Name	Dept.	Name of Faculty Development Program	Organized by	Date
1	**Ms. Bhanu Verma**	CS	Research Methodology: A Broader Spectrum	Eshan College of Engg., Mathura	14.08.2023 – 19.08.2023
2	**Ms. Bhanu Verma**	CS	AI for Building Speech and Vision Application using Python		21.08.2023 – 25.08.2023
3	**Ms. Bhanu Verma**	CS	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
4	**Mr. Ram Krishna Singh**	CS	Research Methodology: A Broader Spectrum	Eshan College of Engg., Mathura	14.08.2023 – 19.08.2023
5	**Mr. Ram Krishna Singh**	CS	Outcome based education : Learning and Assessment Under NEP 2020	IMS Ghaziabad	31.07.2023 – 04.08.2023
6	**Ms. Raj Kumari**	CS	RTL to GDSII using Cadence Tools	CMR University	17.08.2023 – 18.08.2023
7	**Ms. Raj Kumari**	CS	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
8	**Mr. Awdesh Kumar**	CS	Research Methodology: A Broader Spectrum	Eshan College of Engg., Mathura	14.08.2023 – 19.08.2023

9	Dr. Rekha Agarwal	CS	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
10	Dr. Vivek Pandey	ME	Entrepreneurship	Inderprastha Engineering College, Ghaziabad	17.08.2023 – 31.08.2023
11	Mr. Ankit Kumar	MCA	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
12	Mr. Kapil Kumar Sharma	MCA	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
13	Mr. Vipin Kumar Sharma	MCA	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
14	Mr. Varun Chaudhary	MCA	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
15	Mr. Varun Chaudhary	MCA	AI Empowered Next Generation Computing Paradigm	Graphic Era (Deemed to be) University Dehradun	16.08.2023 – 22.08.2023
16	Mr. Ashish Pandey	MCA	Trends in Technological Intelligence 2023	BBDNIIT, Lucknow	21.08.2023 – 25.08.2023
17	Mr. Sadaf Raza	MCA	AI for Building Speech and Vision Applications using Python	Galgotia University of Engineering and Technology, Greater Noida	21.08.2023 – 25.08.2023
18	Ms. Mansi Chaudhary	MCA	Enhancing Leadership Excellence through Emotional Intelligence and Stress Management	IMS Engineering College, Ghaziabad	24.08.2023 – 25.08.2023
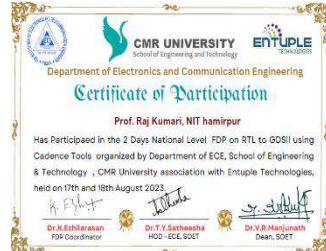
17) **Webinar** attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of Webinar	Organized by	Date
1	Dr. Kavita Singh	MBA	Start-Ups and Importance of IPR for new age Entrepreneurs: Celebrating India's Presidency of G 20	Center for Management Development	26.08.2023
2	Dr. Kavita Saxena	MCA	Applications of Big Data Technologies	Centre for Development of Advanced Computing	29.08.2023
3	Mr. Varun Chaudhary	MCA	National Education Policy and Nature of Higher Education	Government Degree College Timarni (MP)	26.08.2023
4	Mr. Ashish Pandey	MCA	AI and Metaverse	NIELIT, Chandigarh	02.08.2023
5	Mr. Ashish Pandey	MCA	IP Awareness/Training program under National Intellectual Property Awareness Mission (NIPAM)	Intellectual Property Office, India	03.08.2023
6	Mr. Ashish Pandey	MCA	National Education Policy and Nature of Higher Education	Government Degree College Timarni (MP)	26.08.2023
7	Mr. Ashish Pandey	MCA	Use of AI/ML in Real World	Dr. B. C. Roy Polytechnic	28.08.2023

| 8 | Ms. Mansi Chaudhary | MCA | Applications of Big Data Technologies | Centre for development of advanced computing | 29.08.2023 |
| 9 | Ms. Mansi Chaudhary | MCA | IP Awareness/Training program under National Intellectual Property Awareness Mission (NIPAM) | Intellectual Property Office, India | 03.08.2023 |

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

S.No	Faculty Name	Dept.	Title of Workshop	Organized by	Date
1	Dr. Pavan Gangwar	ECE	VLSI to System Design: Silicon to End Application Approach	AICTE, Arm Education and ST Microelectronics	31.07.2023 – 04.08.2023
2	Dr. Pavan Gangwar	ECE	Computational Intelligence 2023 (IWCI'23)	Amrita School of AI Amrita Vishwa Vidyapeetham, Coimbatore	07.08.2023 – 11.08.2023

Students' Achievements

1) Students' achievement of CSE Dept.

S.No	Name of Student	Nature of Achievement
1	Mr. Saurabh Suman Jha and Mr. Yash Vardhan Gupta	Got placed in **Mirketa Inc.**
2	Mr. Prakhar Saxena	Published a Patent
3	Mr. Harsh Sinha	Participated in the event Level 1.1: E-Commerce & Tech Quiz of the Flipkart GRiD 5.0 – Software Development Track organized by Flipkart

2) Students' achievement of ECE Department

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Aviral Tiwari	4th	• Participated in 3 hours master class on "Demystifying Data Science using Python" organized by CETPA Infotech Pvt. Ltd. • Participated in 1 week training on "Data/Business analytics" offered by CETPA Infotech Pvt. LTD. Noida.
2	Ms. Kavita Prajapati	4th	• Completed the "E-commerce Fundamentals Certification" and is a recognized as a Flipkart Certified E-Commerce Marketer. • Participated in 1 week training on "Data/Business analytics" offered by CETPA Infotech Pvt. LTD. Noida. • Completed the Certification Program in "Ethical Hacking" offered by The Digital

			Adda.
			• Completed the Certification Program in "Excel for Data Analysis" offered by The Digital Adda.
			• Completed the Certification Program in "Edge AI for IoT Developers Specialization" offered by MachineLearninĀ.org.in
			• Completed and received a passing grade in Python 101 for Data Science (PY0101EN, provided by IBM).
3	Mr. Vibhu	4th	Completed VLSI System on Chip Design organized by Maven Silicon

4)   Students' achievement of BT Department:

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Aarushi Verma	3rd	• Completed training on "Build a Generative AI based image Restoration engine" on 09.08.2023. • Completed training on "Build your movie recommendation system using Pandas" on 09.08.2023

5)   Students' achievement of CS Dept.

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Divyank Chauhan	2nd - CSD	• Completed a course on Graphic Design with Photoshop by Great Learning Academy. • Completed a course on Fundamentals of Html by Coding Ninjas Studio. • Achieved Certificate of Campus Ambassador during Campus Ambassador Program by Entrepreneurship Cell-IIT Bhubaneswar.
2	Ms. Aastha Sharma	2nd - CSD	Completed a course on Learn Python by Codechef.
3	Mr. Brijesh Kasaudhan	2nd - CS	• Course Completed on Python by Google for Education Partner. • AI for India 2.0 by NSDC.
4	Mr. Suhail Khan	3rd - CS	Completed 1 month Internship on Web Development by Trisect.
5	Ms. Sneha Sharma	2nd - CS	• Course completed on "Python Fundamentals for Beginners" by Great Learning Academy. • Course completed on "Introduction to R" by Great Learning Academy.
6	Mr. Harsh Tyagi	2nd - CSD	Couse Completed on Electric Vehicle design by Great Learning Academy.
7	Ms. Diksha Singh	3rd - CS	Completed 4 week Internship on Web Development by Codsoft.
8	Mr. Ayush Modanwal	2nd - CS	Course Completed on Google Search Campaign by Great Learning Academy

6) **Students' achievement of MCA Department**:

S.No	Name of Student	Year	Nature of Achievement
1	Mr. Rupal Tyagi	2nd	• Selected in Internshala Student Partner as ISP for internship • Participated in Ninja Slayground Level 1 in Coding Ninja
2	Ms. Naina Garg	2nd	• Completed certificate course on Python Language from GUVI on 12.08.2023 • Completed certificate course on "Technology Consulting Virtual Experience Program" from Accenture on 07.08.2023.
3	Mr. Harsh Saxena	2nd	• Completed certificate course on Python Language from GUVI on 15.08.2023
4	Mr. Shantanu Sharma	2nd	• Completed online skilling course on "AI for India 2.0" on 16.08.2023 from GUVI
5	Ms. Bharti Rajput	2nd	• Completed virtual internship program on JAVA programming from 20.07.2023 to 20.08.2023 from Codesoft.
6	Mr. Rishabh Nagar	2nd	• Completed certificate course on Python Language from Launchpad on 29.08.2023
7	Mr. Ayushmaan Singh Vishen	2nd	• Completed certificate course on Python Language from Launchpad on 29.08.2023

Other Significant Activities

1) Dr. Vikram Bali, Director IMSEC **inaugurated MSME Idea Hackathon 3.0 (Women), Ministry of MSME, Govt of India** on 24.08.2023. The shortlisted women will present their innovative project proposals for support from Ministry of MSME, Govt. of India, to start their own venture. The screening committee will evaluate the proposals and forward it to Ministry for final round of selection and funding. **Dr. S.N. Rajan** Dean (Academic), will coordinate the program.

2) IMS Engineering College, Ghaziabad celebrated **Independence Day** on August 15, 2023 under the aegis of **"Azadi ka Amrit Mahotsav".** The **National Flag was hoisted** by **Dr. Vikram Bali**, Director of IMSEC Ghaziabad. Mesmerizing performances by the students added an extra layer of charm to the event. Following the festivities, a **plantation drive** took place, featuring the active participation of **Director, Dr. Vikram Bali, HoDs, and faculty members**.

3) IMS Engineering College, Ghaziabad in collaboration with **Zero Dump** (providing solutions to Waste Management) took an initiative to manage the **plastic waste and protect environment from pollution** . The plastic waste collected from the campus was exchanged for **three seater bench, made from plastic waste**. The bench has good strength and is installed in the Lawn Area of Girls Hostel of IMSEC. The project was completed with the support of **Inner Wheel Club of Ghaziabad, Golf Links.**

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