















IMS ENGINEERING COLLEGE, GHAZIABAD

NAAC Accredited & NBA Accredited Programme Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow Under the aegis of IMS Society, Ghaziabad



THE IMS FAMILY EMBRACED AND CELEBRATED "WORLD HEALTH DAY" AS HEALTH AWARENESS DAY BY EXECUTING AN AWARENESS CAMPAIGN I.E. "HEALTH IS WEALTH". NOW-A-DAYS PEOPLE ACROSS THE WORLD ARE BEING ADVERSELY AFFECTED DUE TO THEIR HECTIC LIFE & STRESS, DISEASE BURDEN, BEING WREAKED BY DISASTERS AND CHALLENGED BY ENVIRONMENTAL THREATS.

THE INCONSISTENCY LIES IN THE FACT THAT DESPITE RECOGNISED HEALTH AS A HUMAN RIGHT WITHIN THE CONSTITUTION, A SIGNIFICANT GAP EXISTS BETWEEN POLICY AND REALITY. THAT IS WHY WORLD HEALTH DAY IS AN INSIGNIA TO OVERCOME THESE CHALLENGES BY EVOKING AWARENESS ABOUT THE IMPORTANCE OF HEALTH FOR EVERYONE.

MoU signed

1) Memorandum of Understanding (MoU) signed between DUCAT, Noida and IMS Engineering College, Ghaziabad on 19.03.2024.





2) Memorandum of Understanding (MoU) signed between CETPA Infotech Pvt. Ltd. Noida and IMS Engineering College, Ghaziabad on 20.03.2024.

3) Memorandum of Understanding (MoU) signed between Blogic Software Technology Private Limited, Noida and IMS Engineering College, Ghaziabad on 20.03.2024





4) Memorandum of Understanding (MoU) signed between CSharp Inc. and IMS Engineering College, Ghaziabad on 15.03.2024

Expert Talks

1) Women Cell & IQAC in association with Sadaneera Foundation (NGO) organized an awareness session on Empowering Women: Holistic approach to health and safety by Ms. Ramanjeet Kaur, Founder, Skills Ally on 06.03.2023.



2) Department of Information Technology organized an Alumni Session on "Achieving Problem Solution Fit and Product –Market Fit" by Mr. Gaurang Jindal & Mr. Himanshu Toetia [Alumnus: B.Tech. – IT 2020], Co-founders Mentorsity on 01.03.2024. Total 145 students from IT, CS & CSD attended the session.



Faculty Development Program

1) Department of CSE organized a Faculty Development Program (FDP) on Emerging Techniques in AI, Data Science & Cyber Security (ETADS – 2024) from 18.03.2024 to 22.03.2024. Total 195 participants attended the FDP.



Seminars/ Workshops





- 1) Mind Optimizers Club, Department of Computer Science organized an online Seminar on Exploring Innovation Research Ideas A deep dive into natural language processing by Dr. Shweta Chauhan, Associate Professor, University of Chandigarh on 04.03.2024. Total 74 students from 3rd year (CS & CSD) participated in the Seminar.
- 2) Department of Mechanical Engineering organized a technical seminar on Modified IDEC System for Improved Comfort Condition by Dr. Arunesh Chandra, Professor, GCET, Greater Noida on 21.03.2024. Total 15 students attended the seminar.





3) The Department of MCA and Biotechnology jointly organized a seminar on Mera Vote Mera Adhikar (My Vote, My Right) by Mr. Kapil Kumar Sharma, Assistant Professor, MCA Dept. on 04.03.2024. More than 50 students from different departments participated in the seminar.





4) The Department of CSE organized a seminar on "DATA SCIENCE: SKILLS-BUILDING WORKSHOP" on 19th March, 2024. The key speaker was Mr. Rohit Pahwa, Ducat, Noida. More than 200 students have participated in the seminar. The event was well coordinated by Dr. Vaishali Bhargava.





5) Department of ECE organized a 2-day Hands on Training on Basic Electronics and IoT Cyber Security from 29.03.2024 to 30.03.2024. Dr. Pramod Singh, HoD-ECE and Mr. Sanjeev Sharma, Assistant Professor-ECE coordinated the Training Program. 20 teachers from ATAL Tinkering Lab from various schools across U.P. attended the Training Program.





- 6) The Bio-Com Club of Biotechnology Dept. in collaboration with IIC organised a workshop on Crafting Your Career: Mastering Resume and CV Writing by Dr. Ajay Kumar Sharma, Professor and Head, Department of Biotechnology, IMSEC on 13.03.2024. The event was coordinated by Dr. Indu Bhatt, BT Dept.
- 7) Department of Applied Sciences & Humanities organized an online National Workshop on Leveraging Water for Peace in association with Indian Desalination Association & Institute's Innovation Council on 22.03.2024. Total 208 speakers from 60 different institutions attended the workshop.





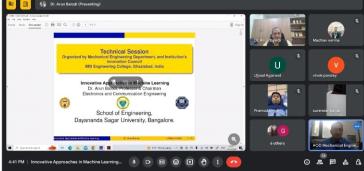
Value Added Programs

	S.No.	Name of Value Added Course	Duration	No. of Students Enrolled
Ī	1	Industry 4.0 and Al Applications for Innovation Management	March – April 2024	102 (MBA)
	2	Urbanity Soft skills training	Every working Saturday	MBA 1 st & 2 nd Year

Departmental Activities

1) Department of Mechanical Engineering in collaboration with IIC organized an online Technical Session on Innovative Approaches in Machine Learning for the students of ME, ECE and IT Dept. on 14.03.2024. The session was taken by Dr. Arun Balodi, Professor and Chairperson, Department of ECE, DSU, Bangalore. Total 58 students participated in the session.





2) Department of Mechanical Engineering in collaboration with Bureau of Indian Standards (BIS) organized Youth to Youth campaign on World Consumer Rights Day on 19.03.2024. Total 59 students participated in the event.







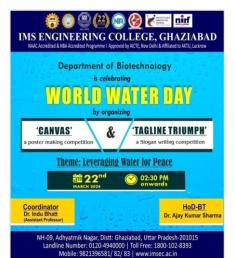
3) Department of Mechanical Engineering in association with Institution's Innovation Council (IIC), hosted an event.





"International Day of Happiness and World Sparrow Day" on 20.03.2024. Total 40 students participated in the event.

4) Department of Biotechnology organized an online Poster-making and Slogan-writing Competition on the theme "Leveraging Water for Peace" on 22.03.2024







- 5) Department of MCA & Biotechnology organized an Essay Writing Competition on Election Campaign "Mera Pehla Vote Desh ke Liye" under AICTE mandated activity on 04.03.2024. More than 50 students participated in the competition.
- 6) Department of MCA organized a Debate Competition on Election through EVM or Ballot Paper for the students of B.Tech., MBA & MCA on 04.03.2024. More than 50 students participated in the competition.

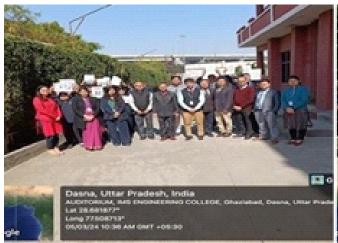


7) Department of MCA organized a Singing and Poetry Competition on Mera Vote, Mera Adhikar (My Vote, My Right) for students of B.Tech., MBA & MCA on 04.03.2024. More than 50 students participated in the competition.





8) Department of MCA & Biotechnology organized a Rally on Election Campaign Mera Pehla Vote Desh ke Liye under AICTE mandated activity for the students of B.Tech., MBA & MCA on 05.03.2024. More than 70 students participated in the rally.













- 9) Department of MCA & Biotechnology organized an Open House Discussion on Mera Pehla Vote Desh ke Liye under AICTE mandated activity on 05.03.2024. More than 40 faculty members participated in the discussion.
- 10) Department of MCA & Biotechnology organized Drawing & Painting Competition on Mera Pehla Vote Desh ke Liye under AICTE mandated activity on 05.03.2024. More than 50 students participated in the competition.

Papers Published by Faculty Members

- 1) Aggarwal D., Mittal S., Upreti K., Nayak P. (2024). Reward Based Garbage Monitoring and Collection System Using Sensors. Journal of Mobile Multimedia. Scopus Indexed, Vol. 20 (02), 391–410. https://doi.org/10.13052/jmm1550-4646.2026. (Paper Published by Dr. Deepti Aggarwal, CSE Dept.).
- 2) Singh M.K., Singh K.P., B.S. Roohani., Sharma K.K., Kaushik Y., Kumar D. (2024). Analysis and Predictive Modeling of Covid-19 Cases in Indian States Using Machine Learning. International Journal of Advanced Engineering Science (AES), Volume 56, Issue 01, ISSN: 2096-3246 (Scopus Indexed). (Paper Published by Mr. M.K. Singh, Mr. Basudeo Singh Roohani, CSE Dept. and Mr. Kapil Kumar Sharma, MCA Dept.).
- 3) Rai C., Singh S., Singh A.K., Maurya R., Verma R.K., Rajpoot V. (2024). A Compact and Wideband Circularly Polarized Hybrid Ring CDRA for C/X/Ku-Band Communication. Journal of Wireless Personal Communication. https://doi.org/10.1007/s11277-024-10924-8. (Paper Published by Mr. R.K. Verma, CSE Dept.).
- 4) Singhal V., Shelly D., Babbar A., Gupta R., Choudhry S., Pandey O.P., Lee S., Park S. (2024). Role of ilmenite particles on high-temperature wear behavior and coefficient of friction of LM30 aluminium alloy composites. Materials Chemistry and Physics. Vol. 318 (2024) 129218 (ELSEVIER, SCIE, I.F 4.6). (Paper Published by Dr. Suraj Choudhary, ME Dept.).
- 5) Rao M.P.S., Singh V., Rao N.N., Sharma S. (2024). Surface Angle Effect on Sensing Performance of the V-shaped SPR Photonic Crystal Fibre for the Detection of Refractive Index. International Journal of Microwave and Optical Technology, Vol. 19, No. 2, March 2024. (Paper Published by Dr. Sanjeev Sharma, AS&H Dept.).
- 6) Chaudhary V., (2024). Enhancing Social Media Sarcasm Detection Using Chicken Swarm Optimization and Graph Neural Networks. IEEE International Conference on Automation and Computation (AUTOCOM-24) organized by Graphic Era Hill University, Dehradun from 14.03.24 16.03.24. (Paper Published by Mr. Vaun Chaudhary, MCA Dept. in International Conference).

Faculty Achievements

- 1) Dr. Sonali Mathur, CSE Dept. received a Certificate of Appreciation for organizing 5-day online FDP Program on Emerging techniques in Al, Data Science and Cyber Security (ETADS-2024) from 18.03.2024 to 22.03.2024.
- 2) Dr. Monika Nagar, CS Dept. reviewed a Paper for Wiley-Journal of Public Affairs on 02.03.2024.
- 3) Dr. Pramod Singh, ECE Dept. reviewed a paper for IEEE International Conference on Communication, USA.
- 4) Dr. Ajay Kumar, ECE Dept. delivered a lecture in 5-day FDP on Modern trends in Electrical Engineering organized by Sri Balaji College of Engineering and Technology, Jaipur from 28.02.2024 to 01.03.2024.

5) Dr. Vivek Pandey & Dr. Surender Kumar, ME Dept. presented a paper "Advanced Materials used in Flexible Solar Panels Installed in Electric Vehicles" in 2nd International Conference on Recent Trends in Engineering and Technology (ICRTET 2024) organized by Nandha Engineering College, Tamil Nadu, from 14.03.2024 to 15.03.2024.









- 6) Dr. Ajay Kumar Sharma, BT Dept. participated in the Webinar on IPR Funding Opportunities for Startups and MSMEs: Igniting Growth through Innovation organized by The Associated Chambers of Commerce & Industry of India (ASSOCHAM), New Delhi on 19.03.2024.
- 7) Dr. Ajay Kumar Sharma, BT Dept. served as the resource person in the workshop on Crafting Your Career: Mastering Resume and CV Writing organized by Department of Biotechnology, IMSEC on 13.03.2024.
- 8) Dr. Siddharth Vats, BT Dept. participated in the Inter-country Knowledge Sharing Webinar on Biosafety related Target 17 of the Global Biodiversity Framework (GBF) organised by the Korea Institute for Promoting Asia Biosafety Cooperation (KIPABiC) and Biotech Consortium India Limited (BCIL) on 22.03.2024.
- 9) Dr Siddharth Vats, BT Dept. received a certificate on the Vote and Indian Democracy by Govt. of India on 01.03.2024.
- 10) Dr Siddharth Vats, BT Dept. received a certificate on Women Rights by Govt. of India on 01.03.2024.
- 11) Dr. Savita Agarwal, AS&H Dept. has been selected as a member of Advisory Committee for National Conference on Recent Trends & Development in Industry 4.0 organized by ViMEET, Mumbai.
- 12)Mr. Ashish Pandey, MCA Dept. participated in National Level Webinar on A GUI way to learn Machine Learning: An Interdisciplinary workshop for Researchers organized by Annai Vailankanni College of Engineering, Kanyakumari, SanSnow's Nobel Professional Foundation and San International Scientific Publications on 01.03.2024.

13) FDPs attended by Faculty Members:

S.No	Faculty Name	Dept.	Title of FDP	Organized by	Date
1	Dr. Gunjan Bhargav & Ms. Jyoshita Narang	ECE	LaTex: A Tool for Technical Writing, Presentation and Scientific Research with Hands-on Training	Manipal Institute of Technology, Bengaluru	11.03.24 - 12.03.24
2	Dr. Vivek Pandey & Dr. Subhash Mishra	ME	Emerging Sustainability through Renewable Energy Systems	Swami Keshvanand Institute of Technology, Jaipur	18.03.24 - 22.03.24
3	Dr. Neha Chandra	ВТ	Emerging Techniques in AI, Data Science and Cyber Security (ETADS 2024)	IMSEC, Ghaziabad	18.03.24 - 22.03.24
4	Dr. Savita Agarwal	AS&H	Effective Research Writing	S.D. College of Engineering & Technology, KIM	03.03.24
5	Dr. Kavita Singh	MBA	Research Methodology and Project Work Guidance	Government Degree College, Korutla	12.03.24 - 13.03.24
6	Dr. Kavita Saxena, Mr. Kapil Kumar Sharma	MCA	Emerging Techniques in AI, Data Science and Cyber Security (ETADS 2024)	IMSEC, Ghaziabad	18.03.24 - 22.03.24
7	Mr. Kapil Kumar Sharma, Mr. Vipin Kumar Sharma	МСА	7-days National Level FDP on Python	Star International Foundation for Research and Education	19.03.24 - 25.03.24
8	Mr. Ashish Pandey	MCA	Next Generation AI	VIIT, Pune	11.03.24 - 16.03.24













14) Workshops attended by Faculty Members:

1	Mr. Ram Krishna Singh, Dr. Rekha Agarwal, Mr. Sanjeev Sanyal, Mr. Amit Maan, Mr. Nikhil Gupta, Ms. Bhanu Verma, Mr. Awdhesh Kumar	cs	Leveraging water for peace	IMSEC, Ghaziabad	22.03.24
2	Mr. Atul Kumar Kushwaha, Dr. Balwant Singh, Prof. V.K. Agarwal	ECE	Leveraging water for peace	IMSEC, Ghaziabad	22.03.24
3	Dr. Neha Chandra, Dr. Rabab Anjum	вт	Leveraging water for peace	IMSEC, Ghaziabad	22.03.24
4	Dr. Subhash Mishra	ME	Leveraging water for peace	IMSEC, Ghaziabad	22.03.24
5	Dr. Pankaj Kumar, Dr. Savita Agarwal, Dr. M.K. Singh, Dr. N.K. Sharma, Dr. Sachi Singh	AS&H	Leveraging water for peace	IMSEC, Ghaziabad	22.03.24
6	Mr. Ashish Pandey, Ms. Mansi Chaudhary	MCA	Research Methodology	Shri Muktanand College, Gangapur	11.03.24
7	Mr. Ashish Pandey	MCA	NEP-2020	NPTEL	13.03.24

































15) Short Term courses completed by Faculty Members:

S.No	Faculty Name	Dept.	Title of STC	Organized by	Date
1	Dr. Sonali Mathur	CSE	UiPath Test Suite Overview	UiPath	27.03.24
2	Dr. Sonali Mathur	CSE	Machine Learning and Deep Learning for Realtime IoT Applications	Dr. B R Ambedkar National Institute of Technology, Jalandhar	14.03.24 - 18.03.24
3	Mr. Vivek Jain, Mr. Nishant Ananad	CSE	Next Generation Artificial Intelligence	Vishwakarma Institue of Technology,	11.03.24 - 16.03.24
4	Mr. Vivek Jain, Mr. Nishant Anand	CSE	DataSculpt: Machine Learning and Data Science Marvels	Bengal College of Engineering & Technology	12.03.24 - 16.03.24
5	Dr. Vivek Pandey	ME	Waste Management and Mechanical Process engineering	IIT Kanpur	26.03.24 - 07.04.24
6	Dr. Ajay Kumar Sharma	ВТ	Introduction to Professional Scientific Communication	NPTEL	March 2024
7	Dr. Siddharth Vats	ВТ	Health Emergency 'readiness for response operations	W.H.O.	01.03.24

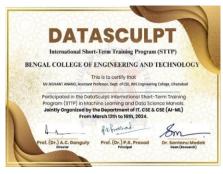














Students' Achievements

1) GATE 2024 Qualified Students

S.No	Name of Student	Branch	Year	Rank
1	Ms. Taneya Gupta	ВТ	Pass out 2023	167
2	Mr. Shivam Kumar	вт	4 th	575
3	Mr. Kinshuk Bhatnagar	вт	3 rd	1307
4	Mr. Madhavendra Verma	ECE	3 rd	3705
5	Mr. Sushant Kumar	CSE	3 rd	4376
6	Mr. Aviral Tiwari	ECE	4 th	4430
7	Ms. Tanu Kesharwani	CSE	Pass out 2023	11502
8	Mr. Archit Chauhan	CSE	4 th	12501
9	Mr. Diwakar Patel	CSE	4 th	14345
10	Mr. Gaurav Kushwaha	CSE	Pass out 2023	19293

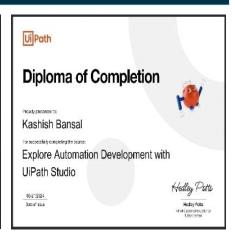


2) Students' achievements of CSE Dept.

S.No	Name of Student	Year	Nature of Achievement
1	Abhi Jaiswal, Abhinav Chauhan, AdityaMaheshwari, Aditya Verma, Anupriya Yadav, Ashi Tyagi, Ayush Verma, Diksha Mittal, Divyansh Srivastava, Hanshika Jain, Hansraj Singh, Kanak Singh, Manvi Sharma, Prachi Shukla, Pragya Chaudhary, Prajjwal Rathore, Prakhar Saxena, Riddhima Saxena, Sangham Garg, Shivansh Singhal, Shubham Chaudhary, Suraj Raj, Utkarsh Rathore, Vineet Gill, Pawan, Rohan Tyagi, and Tanish Saxena	4 th	Got placed in Qspiders.
2	Harsh Sinha	3 rd	1 st Position in Yuva-Samvad organized by Dept. of Biotechnology, IMS Engineering College, Ghaziabad.
3	Mirza Yunus Beg	3 rd	Completed a Diploma Course in Introduction to Automation from
4	Kashish Bansal	3 rd	Completed a Diploma Course in Explore Automation Development with UiPath Studio from UiPath on 21.03.24.







3) Students' achievements of CS/CSD Department:

S.No	Name of Student	Year	Nature of Achievement
1	Deepak Chaudhary	2 nd	Completed 1 month internship program in Web Development from Octanet Services Pvt. Ltd. from 01.03.24 – 01.04.24.
2	Akshat Vaish	3 rd	*Completed practical tasks in Data Analytics and Visualization Job Simulation at Accenture and on 18.03.2024. *Completed Microsoft Learning Student Ambassadors from 06.03.2024 to 17.03.2024. *Completed practical tasks in Data Visualization: Empowering Business from Effective Insights on 12.03.2024.
3	Kapil Kushwaha	2 nd	Got Globalink Research Internship 2024 program offer letter from University of Calgary, Canada on 03.03.2024.
4	Aman Upadhyaya	3 rd	Participated in Tech Minds Hackathon organised by IITM from 15.03.2024 to 16.03.2024.







4) Students' achievement of IT Department:

S.No	Name	Year	Nature of Achievement
1	Mohd. Ziaul Beg	2 nd	Completed a course on Data Analytics and Visualization Job Simulation offered by Accenture and Forage in the month of March 2024.



5) Students' achievements of ME Department:

S.No	Name of Student	Year	Nature of Achievement
1	Ujjawal Agarwal	3 rd	Participated in a session "Tip & Tricks of Excel" organized by Cetpa Infotech Pvy. Ltd, India on 16.03.2024.
2	Vikas Kumar	3 rd	Participated in a session "Explore Engineering Job Simulation" organized by GE Aerospace on 13.03.2024.





6) Students' achievements of BT Department:

S.No	Name of Student	Year	Nature of Achievement
1	Ekta, Kirti Tyagi	2 nd /3 rd	Participated in a one day National workshop on "Leveraging water for peace" jointly organized by the Indian Desalination Association and IIC organized by IMS Engineering College, Ghaziabad on 22.03.2024.
2	Kashish Zoya	3 rd	Completed a two days online workshop on 'Cancer Biology' organized by Edutech Life in association with Tryst'24, IIT Delhi from 09.03.24 to 10.03.24.
3	Kirti Tyagi	3 rd	Completed a course in 'Data Analytics and Visualization Job Simulation' offered by Accenture and Forage on 20.03.24.
4	Kirti Tyagi	3 rd	Completed a course in 'Data Visualisation: Empowering Business with Effective Insights' organized by Accenture and Forage on 24.03.24.
5	Kirti Tyagi	3 rd	Participated in International Conference on 'Contemporary Issues in Management' organized by Lloyd Group of Institutions, Greater Noida from 15.03.24 to 16.03.24.

Other Significant Activities

1) IMS Engineering College, Ghaziabad organized 18th Convocation on 17.03.2024. Prof. Jai Prakash Pandey, Honorable Vice-Chancellor of AKTU, Shri Chetan Prakash Jain, Chairman and Director of Central Electronics Ltd. and the distinguished Chief Guest, Shri Punit Jain, Director of NIBSCOM, Guest of Honor, Honorable Treasurer – IMS Society, Shri Sanjay Agarwal, Honorable Executive Council Members – IMS Society, Shri Pramod Agarwal and Shri Rajiv Choudhary graced the occasion with their benign presence. Prof. (Dr.) Vikram Bali, Director-IMSEC, presented the annual progress report and guided the ceremony.





2) IMS Engineering College, Ghaziabad has been selected as a mentor institution for five institutes/universities across five states under the Institution's Innovation Council (IIC) Mentor Mentee Program, supported by the Ministry of Education, Government of India.



3) IMS Engineering College, Ghaziabad celebrated Holi on 23.03.2024. The event featured colorful Tambola rounds and lively musical chairs. Prof. (Dr.) Vikram Bali, Director - IMSEC, delivered the inspiring words.

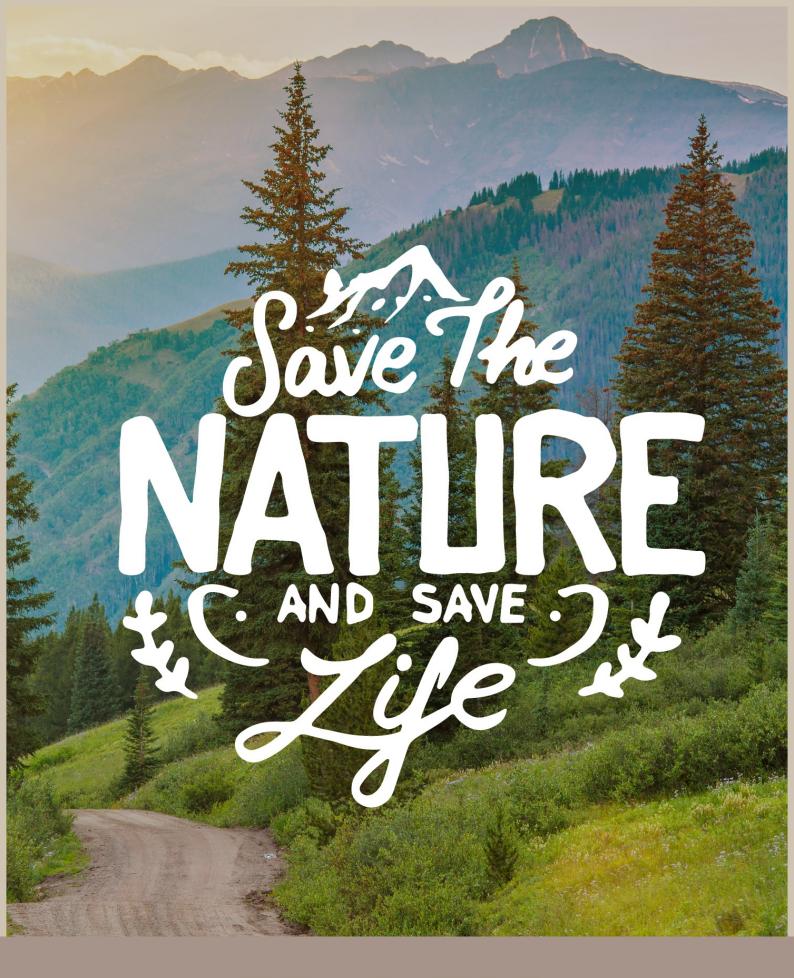




4) Department of MCA, ME & IT organized a Cleanliness Drive on 09.03.2024. More than 50 students and faculty members participated in the drive.







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