



Estd. 2002

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

March 2023

Volume - 2, Issue - 3



NATIONAL SCIENCE DAY

Confluence Newsletter

IMS Engineering College celebrated with much enthusiasm and dedication "The National Science Day" on 28th February to mark the discovery of "Raman Effect" by Indian Physicist Sir C. V. Raman, also awarded Nobel Prize in Physics in 1930. The message conveyed was to observe activities happening around us and explore scientific reasonings to achieve remarkable innovations and upgrade technology interestingly.

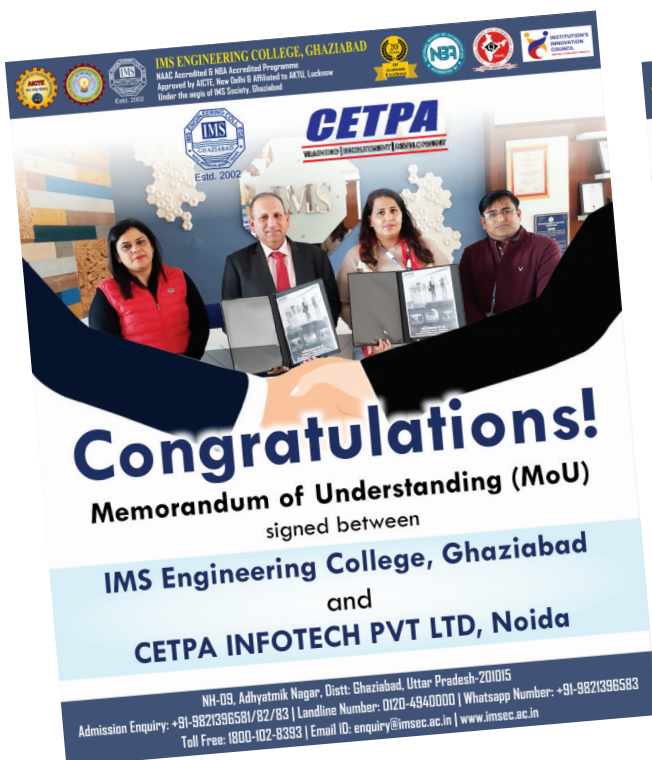
Highlights of the Month



IMS Engineering College signed
Memorandum of Understanding (MoU)
with Sadaaneera Foundation on 24th
February 2023.

IMS Engineering College signed
Memorandum of Understanding (MoU)
with Shape My Skills Pvt. Ltd. on
06.02.2023.

IMS Engineering College signed
Memorandum of Understanding (MoU)
with Training and Basket Pvt. Ltd, Noida on
15.02.2023.



IMS Engineering College signed
Memorandum of Understanding (MoU)
with Cetpa Infotech Pvt. Ltd. on 02.02.2023



IMS Engineering College signed
Memorandum of Understanding (MoU)
with Techno Funnel on 16.02.2023

Expert Talk by Guest Speakers

Department of Mechanical Engineering organized an Expert Talk on "Role of Hydrogen in Energy Transition" by Mr. Manoranjan Chaubey, System Engineer in IB Vogt (German MNC) on 11.02.2023.



Department of Mechanical Engineering is organizing
Expert Talk
(Online mode) on
"Role of Hydrogen in transition of Energy"

📅 11th Feb 2023 (Saturday)
🕒 11:00 AM onwards

Speaker
Mr. Manoranjan Chaubey
System engineer in IB Vogt (German MNC)

Organizer and Co-ordinator
Mr. Ankit Kumar Saxena (Assistant Professor, ME)
Dr. Suraj Choudhary (Assistant Professor, ME)

NH-09, Adhyatmik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015
Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583
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Department of Biotechnology organized an Expert Talk on "3-D Printing in Healthcare" on 17.02.2023. The speaker in the talk was Dr. Ashwini Kumar, NIIT University, Neemrana, Rajasthan. There were 20 participants in the Talk.

Expert Talk by Guest Speakers

▶ Department of Computer Science and Engineering organized a two-day Workshop on "A Career Opportunity Session on Red Hat Linux" by Prodevans Technologies on 16.02.2023 – 17.02.2023 for the students of CSE - 3rd and 4th year. Dr. Subhajit Ghosh and Mr. Basudeo Singh Roohani coordinated the Workshop.

Department of Computer Science in association with Network Bullstudy Pvt. Ltd. organized a Virtual Workshop on Network Security Vs Ethical Hacking by Mr. Gaurav Yadav (CISCO Certified), Networking Trainer, Network Bullstudy Pvt. Ltd. on 11.02.2023 for the students of Third and Final year.



Department of Computer Science is organizing
One day Virtual Workshop
on
Network Security Vs Cyber Security

📅 11th Feb 2023 (Saturday)
🕒 12:00 PM onwards
📍 Online (Google Meet)

Joining Link
meet.google.com/ryr-dkhq-wbg

Dr. Sonia Juneja
Hod, CS/CSD

Event Co-ordinator
Mr. R.K Singh (AP, CS)
Ms. Dhanshri Parihar (AP, CS)

Speaker
Mr. Gaurav Yadav
Network Trainer, Network Bulls Pvt. Ltd.
World's Largest Cisco Training Company.

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Department of Information Technology organized a 2-day Workshop on Red-Hat Linux on 16.02.2023 - 17.02.2023 for the students of 3rd Year.

Department of Information Technology
is organizing
Two Days Workshop
on
“A Career Opportunity Session on Red Hat Linux,”
In association with Prodevans Technologies

Mr. Tausif Shaikh
Training Head - Technical Learning & Development

Shubham Katara
Senior Site Reliability Engineer

16th and 17th Feb 2023

09:30 AM onwards Auditorium, Block-C

Event – Coordinators:
Dr. Sachi Gupta (Professor, IT)
Ms. Prabhjot Kaur (Assistant Professor, IT)

Dr. Amrita Jyoti
Professor & HoD, IT

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Industrial Visit



Department of MBA conducted an industrial visit to Moon Beverages and Happiness Factory, Greater Noida for MBA–I & II Year on 01.02.2023.

Value Added Programs

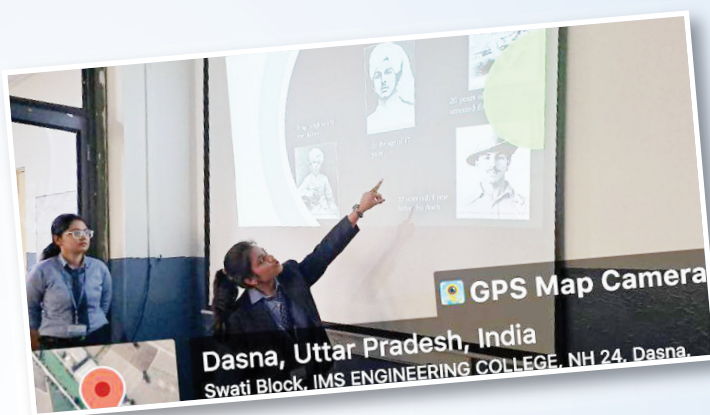
S.No.	Name of Value Added Course	Start Date	Students Enrolled	Organized by
1	Technical Training by Shape My Skills Pvt. Ltd	February 2023 (twice a week)	CSE – 3 rd Year	CSE Dept.
2	Microsoft Philanthropy CSR training program on Cyber security	20.02.2023 – 25.02.2023 (5 hours per day)		CSE Dept.
3	Blockchain Technology: Concept, Analysis & Applications (32 hours)	12.12.2022 – February 2023	120 (MBA & MCA 1st Year)	IT Dept.
4	Urbanity Soft-Skill Training	Every Working Saturday	MBA – 1 st & 2 nd Year	MBA Dept.

Departmental Activities

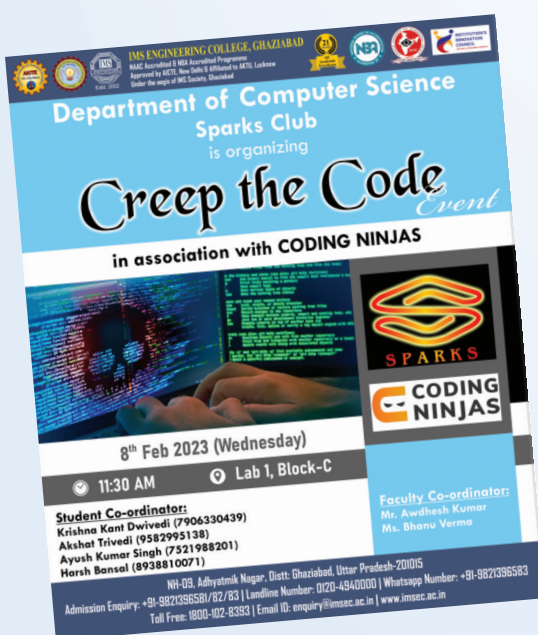
- ▶ Department of Applied Science & Humanities organized Parent-Teacher Meet on 11.02.2023 for 1st year students.
- ▶ Department of Computer Science & Engineering released Campus Chronicles - The CSE Department Newsletter (Issue 2, Vol. 2) for the period of August 22 - December 22.
- ▶ Department of Computer Science and Engineering conducted Mentoring activity Introduce Yourself for 3rd & 2nd year students on 08.02.2023 & 16.02.2023 respectively. Students filled up academic records and personal information in mentorship cards



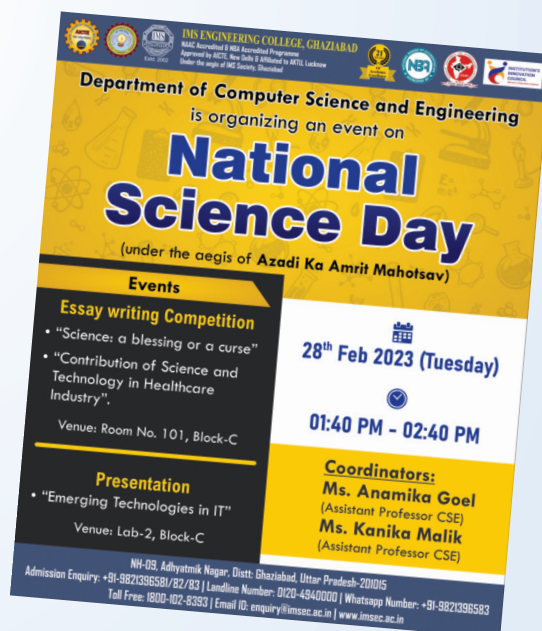
Department of Computer Science and Engineering organized Video Presentation Event on Life Struggle of Freedom Fighters on 24.02.2023 under the aegis of “Azadi Ka Amrit Mahotsav”.

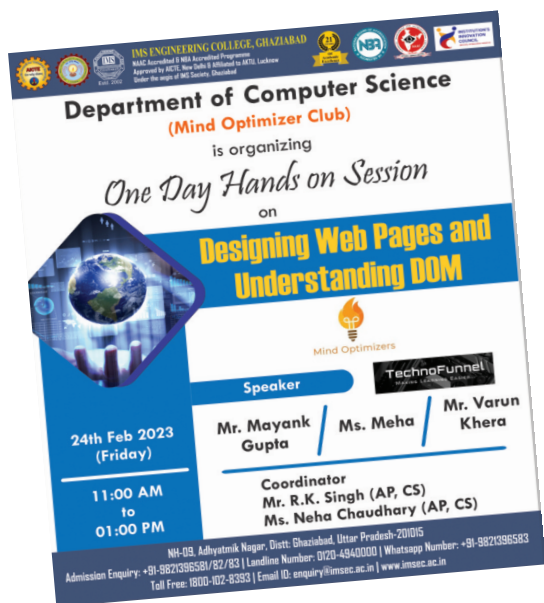


Department of Computer Science and Engineering organized Essay Writing & Presentation Competition on the occasion of National Science Day on 28.02.2023 under the aegis of “Azadi Ka Amrit Mahotsav”.



Sparks Club of Computer Science department organized Creep the Code event in association with Coding Ninjas on 08.02.2023 for second year CS/CSD/IT students. 27 students participated in the event.





▶ Department of Computer Science organized a Seminar on “Emerging Technologies & Project Ideas” for the students of Third year on 15.02.2023. Mr.Awdhesh Kumar, CS Dept., was the speaker. Total 58 students participated in this seminar.



◀ Mind Optimizer Club of Computer Science department organized one-day Hands on Session on “Designing Web Pages and Understanding DOM” on 24.02.2023.



Kaizen Club of MBA Dept. organized a Group Discussion for the students of MBA 1st Year on 21.02.2023.

Patents Published

S.No	Title of Invention	Name of Inventor(s)	Published on
01	A System For Forecasting Contamination of Food With IoT and AI Through Data Mining Techniques	Ms. Neha Chaudhary (CS)	03.02.2023
02	A System For Forecasting Contamination of Food With IoT and AI Through Data Mining Techniques	Mr. R.K. Singh (CS)	03.02.2023

Research Paper Published

▶ Ahuja B., Johri N., **Kandpal B.C.**, Singh L. K., Singh P. S. (2023). “Drilling Process Parameter Optimization of Natural Fibre Reinforced Polymer Matrix Composites”. Materials Today, Vol. 78 (Paper published by Dr. Bhaskar Chandra Kandpal, ME Dept.)

Faculty Achievements

- ▶ Dr. Milan Chakraborty, AS&H Dept. delivered a “Presentation on Soft Skills” on 10.02.2023 & 11.02.2023 to XII standard students of the Govt. Inter College, Nandgram, Ghaziabad. School students were on a campus tour of IMS Engineering College, Ghaziabad under Government of India’s program to take school students to HEIs on a campus tour.
- ▶ Dr. Soma Das, AS&H Dept. delivered a Guest Lecture on “Synthesis of Carbon Based Nanoparticles” organized by Department of Chemistry, CMR Institute of Bangalore on 22.02.2023.
- ▶ Ms. Vinita Rani, AS&H Dept. attended a FDP on Collaborative Research Practices in Modern Era organized by Association of Indian Universities & AMET University from 13.02.2023 to 21.02.2023.
- ▶ Mr. Nitin Goyal, CSE Dept. presented a paper titled “Predictive Maintenance of HVAC Systems using Machine Learning” in 6th International Conference on Innovative Computing and Communication (ICICC-2023) organized by Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi in association with NIT Patna & University of Valladolid, Spain during 17th-18th February 2023.
- ▶ Mr. Nitin Goyal, CSE Dept. participated in one week online Skill Enhancement Programme (SEP) on “Emerging Technology Stack (Full-Stack, Big Data, Hadoop, and Machine Learning) organized by ABES Engineering College, Ghaziabad on 06.02.2023 – 10.02.2023.
- ▶ Dr. Sonia Juneja, CS Dept. delivered a Lecture on “Digital Age Skill Set” to the students of Govt. Inter College, Nandgram, Ghaziabad during their visit to IMS Engineering College on 10.02.2023 – 11.02.2023.
- ▶ Mr. Ram Krishna Singh, CS Dept. attended a Webinar on “Design and Layout and of Wind Farms” organized by National Institute of Wind Energy (NIWE), Chennai on 15.02.2023.
- ▶ Ms. Dhanshri Parihar, CS Dept. attended a Webinar on “Design and Layout and of Wind Farms” organized by National Institute of Wind Energy (NIWE), Chennai on 15.02.2023.
- ▶ Mr. Amit, CS Dept. attended a Webinar on “Design and Layout and of Wind Farms” organized by National Institute of Wind Energy (NIWE), Chennai on 15.02.2023.
- ▶ Mr. Amit, CS Dept. attended a Seminar on “Network Security v/s Cyber security” organized by Network bulls Pvt. Ltd. on 11.02.2023.
- ▶ Ms. Harsiddhi Singhdev, CS Dept. attended a Seminar on “Network Security v/s Cyber security” organized by Network Bulls Pvt. Ltd. on 11.02.2023.
- ▶ Mr. Awdhesh Kumar, CS Dept., attended 30-days online AI Master Class at Pantech Prolabs India Pvt. Ltd.
- ▶ Mr. Awdhesh Kumar, CS Dept. participated in a Webinar on “Design and Layout and of Wind Farms” organized by National Institute of Wind Energy (NIWE), Chennai on 15.02.2023.
- ▶ Mr. Awdhesh Kumar, CS Dept. delivered a Lecture in a Seminar on “Emerging Technologies & Project Ideas”, organized by IMSEC on 15.02.2023.
- ▶ Dr. S. N. Rajan, IT Dept. delivered a Talk on “Blockchain Technology and Application Framework” on 01.02.2023 in one-week online FDP on “Preeminent and Innovative Technologies in Computer Science and Applications 2023 (PICSA 2023)” held on 30.01.2023 to 03.02.2023 organized by the Department of Computer Science and Engineering, IMS Engineering College, Ghaziabad
- ▶ Dr. Ajay Kumar, ECE Dept. reviewed a research paper for International Journal “Analog Integrated Circuits and Signal Processing”.



► Faculty Development Programs attended by Faculty Members:

S.No	Faculty Name	Dept.	Name of Faculty Development Program	Organized by	Date
01	Dr. Soma Das	AS&H	Research Methodology and Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
02	Dr. Sonali Mathur	CSE	ML/DL for Data Science and Analytics using Python	Dr. B R Ambedkar National Institute of Technology, Jalandhar	15.02.2023 - 19.02.2023
03	Mr. Ram Krishna Singh	CS	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
04	Mr. Ram Krishna Singh	CS	Preeminent and Innovative Technologies in Computer Science and Applications 2023	IMSEC	30.01.2023 – 03.02.2023
05	Mr. Ram Krishna Singh	CS	Collaborative Research Practices in Modern Era	AMET University, Chennai & AIU	13.02.2023 – 21.02.2023
06	Ms. Neha Chaudhary	CS	Preeminent and Innovative Technologies in Computer Science and Applications 2023	IMSEC	30.01.2023 – 03.02.2023
07	Ms. Dhanshri Parihar	CS	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
08	Mr. Amit	CS	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
09	Ms. Harsiddhi Singhdev	CS	Preeminent and Innovative Technologies in Computer Science and Applications 2023	IMSEC	30.01.2023 – 03.02.2023
10	Ms. Bhanu Verma	CS	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
11	Mr. Awdhesh Kumar	CS	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
12	Dr. Amrita Jyoti	IT	Preeminent and Innovative Technologies in Computer Science and Applications 2023	IMSEC	30.01.2023 – 03.02.2023
13	Dr. Suveg Moudgil	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
14	Mr. Pavan Sharma	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
15	Mr. Updesh Jaiswal	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
16	Ms. Anjali Patel	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
17	Ms. Yashi Bhardwaj	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
18	Ms. Yashi Bhardwaj	IT	Collaborative Research Practices in Modern Era	AMET University	13.02.2023 – 21.02.2023
19	Ms. Prabhjot Kaur	IT	Preeminent and Innovative Technologies in Computer Science and Applications 2023	IMSEC	30.01.2023 – 03.02.2023
20	Mr. Braj Mohan Singh	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023

21	Mr. Faizaan Ahmad	IT	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
22	Dr. Balwant Singh	ECE	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
23	Ms. Mayurika Saxena	ECE	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023
24	Dr. Vijay Kumar	EN	Research Methodology & Publication Ethics	IMSEC	30.01.2023 - 03.02.2023

▶▶ Workshops attended by Faculty Members:

S.No	Name of Faculty Member	Dept.	Name of Workshop	Date
01	Mr. Ram Krishna Singh	CS	How to submit and publish an OA by ELSEVIER	13.02.2023
02	Ms. Neha Chaudhary	CS	Fundamentals of open access by research Academy ELSEVIER	10.02.2023
03	Ms. Dhanshri Parihar	CS	Fundamentals of open access by research Academy ELSEVIER	10.02.2023
04	Mr. Amit	CS	From article to art: Creating visual abstracts by ELSEVIER	13.02.2023
05	Mr. Amit	CS	How to submit and publish an OA by ELSEVIER	13.02.2023
06	Ms. Harsiddhi Singhdev	CS	Why you should know about SNIP & SJR	06.02.2023
07	Ms. Bhanu Verma	CS	10 reasons to get – and use – an ORCID iD	10.02.2023
08	Ms. Bhanu Verma	CS	Fundamentals of open access by research Academy ELSEVIER	10.02.2023
09	Dr. Pramod Singh	ECE	AI and NLP (AHAN-2023) sponsored by SERB	30.01.2023 - 03.02.2023

Students' Achievements

▶▶ Research Paper presented by Students of CSE Department

a) Agarwal D., Sharma I. (2023). "Math Ex: A handwritten equation solver using improvised convolutional neural network algorithm". 4th International Conference on Advancements & Key Challenges in Green Energy and Computing, 24-25th February, 2023 (Ms. Ishika Sharma & Mr. Devansh Agarwal, CSE Branch)

- ▶▶ Ms. Ishika Sharma & Mr. Devansh Agarwal, CSE branch received the BEST PAPER AWARD in 4th International Conference on Advancements & Key Challenges in Green Energy and Computing organized by AKGEC on 24th - 25th February, 2023.
- ▶▶ Mr. Pratyush Giri, Mr. Harshit Shukla, Mr. Rohit Pandey and Mr. Nishant Lohani, CSE branch secured 2nd position in Chess at Sports Fest (RANN-23) organized by KIET on 10th – 12th February 2023.
- ▶▶ Mr. Akshat Trivedi, CS branch, participated in Intra Football competition held in KIET, Ghaziabad during February 2023.
- ▶▶ Mr. Himanshu Sharma, CS branch, completed a course on Basics of C++ guided path on Codestudio during February 2023.
- ▶▶ Mr. Ayush Shukla, IT branch, completed a course on Frontend Developer during February, 2023.
- ▶▶ Mr. Sahil Kumar, IT branch, completed a course on Python during February, 2023.
- ▶▶ Mr. Harshit Singh, ECE final year student conducted a training program on PCB designing and understanding of PCB Fabrication process on 23.02.2023
- ▶▶ Mr. Aniket Asthana, MBA branch, completed a certificate course on Compensation Management conducted by Great Learning during February 2023.

Other Significant Activities



The Cultural Committee organized Clothes Donation and Plastic Waste Collection drive on 24.02.2023. The event was coordinated by Dr. Meenu Baliyan (Cultural Committee Head), Dr. Sachi Singh and Dr. Soma Das (Co-coordinators, Cultural committee).



IMS Engineering College organized alumni Sports Meet on 11.02.2023. Around 60 to 70 Alumni participated in various games like Cricket, Volleyball, Badminton, Chess, and Tug-of-War.



The Cultural Committee organized a Health and Wellness Quiz Competition on Herbs under the aegis of Azadi Ka Amrit Mahotsav on 03.02.2023. Total 140 Students participated in the competition.



घर से निकले हैं

घर से निकले हैं कुछ करने की आस में;
 ना है मा ना पिताजी पास में,
 दर्द है दिलों में कि मेरी दुनिया मुझ से दूर है;
 लाडली नाम रोशन करेगी इस बात पर गुरूर है,
 अब बाहर की चकाचौंध देख मन घबरा रहा है;
 पर मां-बाप का चेहरा अपना फर्ज याद दिला रहा है,
 सबने कहा था कि ना भेजो बाहर बिगड़ जाएगी;
 फिर भी उन्होंने भरोसा दिखाया है,
 और अब कुछ ना कुछ तो करना है;
 यह मन में ठाना है,
 मां-बाप का सिर गर्व से उठाना है;
 समाज को यह दिखाना है,
 भीड़ में भीड़ नहीं;
 भीड़ में सर बनकर दिखाना है।।



Poem by:-

Priya Mishra (BT 2nd year)

Editor-in-Chief

Dr. Milan Chakraborty (AS&H)

Poems by:-

Dr. Arvind Sharma
 (Faculty, IMSEC)



घूमती है धरती दिखाती है सूरज घूम रहा है

घूमती है धरती दिखाती है सूरज घूम रहा है।
 सुबह और शाम मेरे धरातल को चूम रहा है।
 झुकते हैं वृक्ष लगता है हवा को चला रहे हैं।
 अमावस के टिमटिमाते तारे चांद को चिढ़ा रहे हैं।
 हालांकि जगनुओ की अपनी नही कोई औकात,
 ये फिर भी जलते चिराग को बुझाने जा रहे हैं।
 नशा है शराब में फिर भी आदमी झूम रहा है।
 घूमती है धरती दिखाती है सूरज घूम रहा है।
 गमों को छुपाने वाले हंसते हैं ज्यादा।
 कसमे खाने वाले निभा पाते नहीं कोई वादा।
 डींगे हांकना होती है खोखलेपन की निशानी,
 सशक्त और खानदानी रहते हैं अक्सर सादा।
 जो है तन्हा सेल्फी में मानो कैमरा चूम रहा है।
 घूमती है धरती दिखाती है सूरज घूम रहा है।
 चाटुकार दिखाते हैं ऐसे जैसे मरते हैं ठोकर।
 जो करते है बदनाम कमियां पूछते हैं रोकर।
 इस जमाने में असली केवट बचे ही कहां हैं,
 लोग कर देते हैं बर्बाद दिखाते हैं चरण धोकर।
 आज झूठ भी सच के कपड़ों में घूम रहा है।
 घूमती है धरती दिखाती है सूरज घूम रहा है।