

# IIMT

COLLEGE OF SCIENCE & TECHNOLOGY  
Greater Noida  
— Aim For Excellence —



# सिद्ध

“Education is the most powerful weapon which you can use to change the world.”

## QUARTERLY NEWSLETTER

ISSUE 2

VOLUME 3

JANUARY - MARCH 2024



7+  
Campus



28+  
Years of  
Education Experience



20000+  
Bright Students



60000+  
Glorious Alumni



Plot No. 19&20, Knowledge Park-III, Greater Noida, Uttar Pradesh, India



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## Message from Pathmaker

### The Idealistic



**Dr. Mayank Agarwal**

Managing Director  
IIMT Group of College



Guided by a vision and unwavering commitment to establish a comprehensive, knowledge-centered ecosystem that serves humanity, IIMT remains steadfast in its pursuit of holistic development, firmly integrating a culture of innovation, research, and academic excellence with the goal of nurturing the future generation of global leaders and entrepreneurs, instilling in them high moral and ethical values.

Our institution is marked by excellence, boasting a vibrant academic atmosphere, state-of-the-art infrastructure, and advanced laboratories. Our team of dedicated faculty members, rich in qualifications and experience, collaborates closely with students to ensure not only a firm grasp of theoretical concepts but also their practical applications.

Beyond the realm of academics, our institute places a strong emphasis on holistic development, firmly believing that a well-rounded education extends beyond textbooks and classrooms. To this end, we offer our students ample opportunities to participate in a wide range of co-curricular and extra-curricular activities.

With a mission to provide a balanced and enriching educational experience that goes beyond academic excellence, we encourage our students to explore their interests and passions, fostering personal growth, resilience, and a sense of fulfilment. By offering such opportunities, we empower our students to develop into well-rounded individuals who are not only academically competent but also physically and mentally fit, ready to face the challenges of the modern world with confidence.



## From Editor's Desk

**EDITOR-IN-CHIEF**



**Dr. POONAM PANDEY**  
(Director, IIMT College of  
Science & Technology)

Dear Readers,

With immense pleasure, I welcome you to the latest edition of our College Newsletter. As the Editor-in-Chief, I am thrilled to present to you a compilation of insightful articles, exciting updates, and inspiring stories that showcase the incredible work being done within our college community. In this issue, you will find a diverse range of topics that highlight the cutting-edge research, innovative projects, and impact full initiatives that our faculty, staff, and students are engaged in. As we navigate through the ever-evolving landscape of science and technology, it is crucial for us to stay connected, informed, and inspired. This newsletter serves as a platform for us to share our achievements, celebrate our successes, and collaborate on ideas that will shape our future. I am truly grateful for your commitment to excellence. Your involvement and contributions are essential in fostering a sense of community and fostering a culture of continuous learning and growth. Thank you for your support and enthusiasm for our college newsletter. I hope you find this edition to be informative, engaging, and inspiring. Together, let us continue to push the boundaries of science and technology and make a positive impact on the world.





# National Seminar



IIMT College of Science & Technology has organized National Seminar on the topic “The Indian Knowledge System in Context of Developing India 2047” on Tuesday, 5<sup>th</sup> March, 2024. The Seminar started with lightening of lamp. A classical dance on Ganesh Vandana was performed by B.Ed student Garima Singh. Felicitation ceremony was started by giving Tulsi Planter, Shawl and Memento to all the respected guests by Principal Director, Dr. M.K. Soni; Group Director, Dr. K.K. Paliwal; Director, IIMT College of Science & Technology Dr. Poonam Pandey; Director, IIMT College of Polytechnic, Prof. Umesh Kumar and Director, IIMT College of Pharmacy, Dr. Nakul Gupta. The Souvenir was released by Prof. (Dr.) Ramesh Prasad Pathak, Dr. Vinod Kumar Shanwal, Prof. (Dr.) Anurag Mishra and Dr. Poonam Pandey. Dr. Mayank Agarwal, Managing Director, IIMT Group of Colleges. joined the seminar through virtual mode. In souvenir, around 85 research paper articles were published from authors of all parts of the country. An overview of the seminar was given by Dr. Disha Vidyarthi followed by inaugural speech given by Dr. Poonam Pandey. The eminent speaker Dr. Anurag Mishra addressed the audience with the importance of cyber security in the age of internet. Dr. Vinod Kumar Shanwal elaborated how the ancient Indian education system was rich in culture and technology. The Keynote speaker Dr. Ramesh Prasad Pathak has given a mesmerizing and thought provoking speech. In his speech, he emphasised on the virtue of Sanyam rather than Niyam. He said that we follow any Niyam with fear but Sanyam comes from heart that leads to more professionalism. He explained the relevance of Ved, Aaranyak, Mahakavya etc in present era. He explained all his thoughts in scientific manner. 1<sup>st</sup> Technical session started with the paper presentation of dignitaries from different colleges from Ghaziabad, Noida and Delhi. The 2<sup>nd</sup> Technical Session was conducted after lunch break. Almost 18-20 paper presentations were done in both technical sessions. Towards the end, the vote of thanks was delivered by Dr. Chandra Shekhar Yadav.



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**Activity CLUB**

**Kite Making Activity**

Show Your Talent



Art and Craft Club of B.Ed. Department of IIMT College of Science and Technology has organized Kite Making and Decoration activity on January 12, 2024. Kite also symbolizes with Makar Sankranti which was celebrated on 14 January.



**Wall Hanging Making Activity**

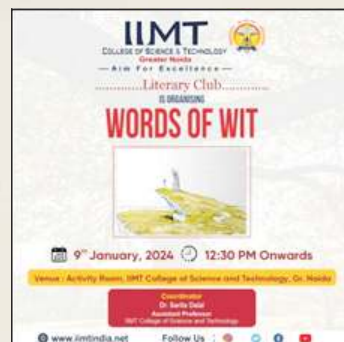
Show Your Talent



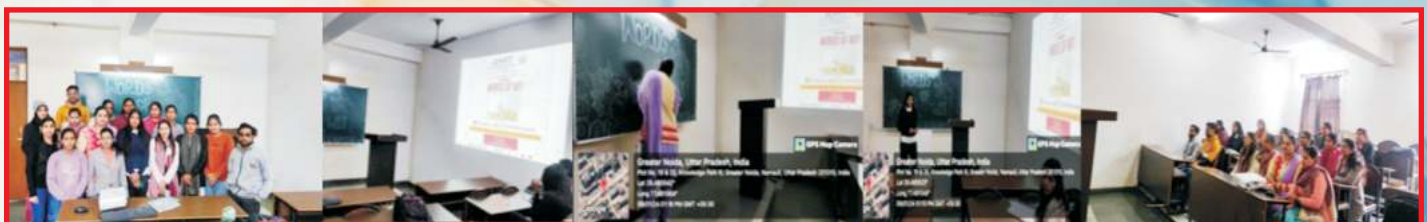
Art & Craft Club of B.Ed. Department of IIMT College of Science & Technology has organized Wall Hanging Making activity on 14<sup>th</sup> February 2024. All the students made beautiful and colorful wall hangings from different things like bamboo sticks, wool, raw papers, match sticks and others .



**Words of Wit**



A Literary Club Activity named 'Words of Wit' was organized in B.Ed. Department, IIMT College of Science and Technology on 9<sup>th</sup> January, 2024. This activity was very helpful in enhancing cognitive ability of students. Wit is the ability to use words or ideas in an amusing, clever and imaginative way. The purpose of this activity was to improve and enhance thinking ability of the students and enable them to use appropriate words at the right time.







**Activity CLUB**

**Folkdance Competition**



Cultural Club of IIMT College of Science & Technology organized Folk Dance Competition on 21 March, 2024. Such kind of activities help to inculcate proudness about our culture and also connect new generation to old customs.

**CRATIVE LOGO MAKING**



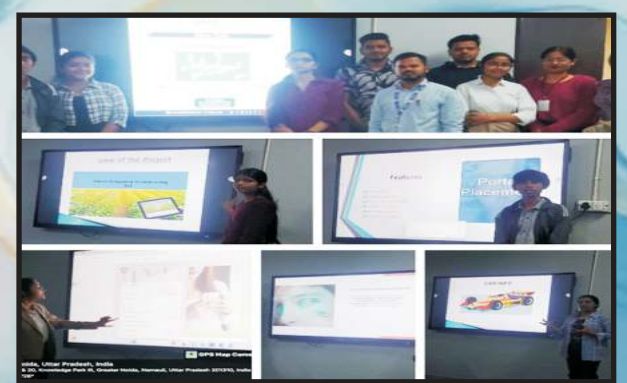
Innovation Club of Science and Technology conducted Creative Logo Making. The themes of this logo activity was innovation, artificial intelligence and current technologies. The students displayed their own innovations in the form of technology related logos. All the students participated with full enthusiasm.



**IDEATION ALLIES**



IIMT College of Science and Technology organized Idea Club Event: Ideation Allies. The students presented their innovative ideas and creativity through PPT Presentation in smart classroom. Students presented their Ideas and ways to implement them.







IIMT Group of Colleges has students of different cultures and religions. So it celebrates all the festivals to bring bonding amongst students. So that students can understand each other's culture and embrace the diversity of Indian cultures.

### GLIMPSES OF DIFFERENT CELEBRATIONS







Workshop on Design Thinking, Critical Thinking & Innovation Design

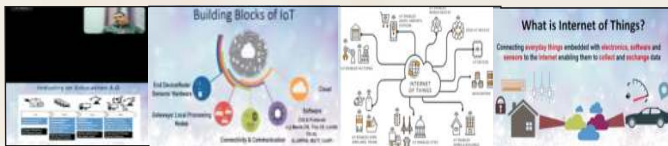


**INTRA INSTITUTIONAL HACKATHON**



IIMT College of Science and Technology has organized a Workshop On Design Thinking, Critical Thinking and Innovation Design for the students on 08<sup>th</sup> February 2024 . The session was focused on identifying challenges while working on any innovative idea. The guest speaker, Dr. Arun Kumar Rana delivered his speech on various topics like Internet of things (IoT), Artificial Intelligence, Data Visualization, Data Engineering. He discussed how to overcome challenges and set target goals. The speaker emphasized on the importance of having a clear vision for innovation and markets that align with that vision. He also stressed on the need of creative and innovative solutions to solve problems and overcome challenges. The session was very informative and interesting.

IIMT College of Science and Technology organized Intra Institutional Hackathon. In Technical round, 25 multiple choice questions on coding error were presented before the students and time given was 1 minute for each question. In 2<sup>nd</sup> round, 10 coding errors were displayed. The task was to find error and successfully run on the computer system with editing. The students took part in this programme with full zeal and eagerness.



Expert talk

An Expert talk was organized by IIMT College of Science and Technology on “Process of Innovation, development, technology readiness level (TRL), commercialization of lab technology and tech transfer”. The Resource Person in this expert talk was Adv. Swapnil Gawande. The speaker presented his knowledge & expertise on this topic. He shared his knowledge about innovation/idea/prototype/ right to intellectual property, different level of technology readiness with good examples. He also explained how research topic should be selected that have industrial applicability & how it can be protected by intellectual property rights.



A session was conducted on “Achieving Problem Solution Fit & Product Market Fit” under Institution Innovation Council (IIC). The Resource person for this session was Ms. Anchal Pahuja. Ms. Anchal shared her experience about the startup growth and also about improvement in problem solving and marketing skills. She also taught that problem-solution fit is the bridge between the problem and the product (solution) you are trying to build. The problem-solution fit is all about finding a problem and finding different options to solve it in a resourceful way.

Guest Lecture





“Training is not an expense, but an investment in human capital”  
*Roy H. Williams*

**FACULTY TRAINING PROGRAMME**

**IIMT**  
 COLLEGE OF SCIENCE & TECHNOLOGY  
 Greater Noida, India  
 — Aim For Excellence —

**IIMT College of Science & Technology**  
 is organising  
**Five Days Faculty Training Program**  
 Under IGAC

Topics	Date	Time	Speakers
1. Semiconductor Materials	12-02-2024	01:30 - 5:30 PM	Dr. Vishali (FOCUS IIS)
2. Database Management System	13-02-2024	09:30 - 11:30 AM	Mr. Karanish Abhewar (Assistant Professor)
3. Data Structure & Cryptography	13-02-2024	12:30 - 02:30 PM	Ms. Megha (Assistant Professor)
4. Numerical Solution of Equations	13-02-2024	02:30 - 03:30 PM	Mr. Vikas (Assistant Professor)
5. Principles & Concepts of Effective Communication	14-02-2024	09:30 - 11:30 AM	Dr. Shikha Vijaywani (Assistant Professor)
6. Internet of Things (IoT)	14-02-2024	01:30 - 03:30 PM	Mr. Sibi Singh (Assistant Professor)
7. Contribution of India	15-02-2024	09:30 - 11:30 AM	Dr. Sarita Dahiya (Assistant Professor)
8. Global Environment Problems	15-02-2024	01:30 - 03:30 PM	Ms. Indu Jain (P.T.E.D)
9. Sarve Shiksha Akhyani	16-02-2024	09:30 - 11:30 AM	Dr. C. S. Yadav (Dean-I.E)
10. Approaches of Learning Theories	16-02-2024	01:30 - 03:30 PM	Ms. Manu Tawari (Assistant Professor)

**Patrons**  
 Dr. C. S. Yadav (Dean-I.E), Dr. Manu Tawari (Assistant Professor), Dr. Sarita Dahiya (Assistant Professor), Dr. Shikha Vijaywani (Assistant Professor), Mr. Sibi Singh (Assistant Professor), Mr. Karanish Abhewar (Assistant Professor), Dr. Vishali (FOCUS IIS)

**Speakers**  
 Ms. Megha (Assistant Professor), Ms. Manu Tawari (Assistant Professor), Ms. Indu Jain (P.T.E.D), Dr. Sarita Dahiya (Assistant Professor), Dr. Shikha Vijaywani (Assistant Professor), Mr. Sibi Singh (Assistant Professor), Mr. Karanish Abhewar (Assistant Professor), Dr. Vishali (FOCUS IIS)

**Date: 12<sup>th</sup> February - 16<sup>th</sup> February, 2024**  
**Venue : Swami Vivekananda Hall**

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**Workshop on Effective Pedagogical Approaches (Micro teaching, Simulation and Practice Teaching)**



B.Ed. Department of IIMT College of Science & Technology has organised workshop on “Microteaching and Simulation” from 23<sup>rd</sup> January to 16<sup>th</sup> February, 2024. Micro-Teaching, Simulation and Teaching Practice is the most important part of B.Ed. syllabus. Total 7 teaching skills are to be practiced in Microteaching session which are mentioned in B.Ed. Syllabus of CCS University. So for both pedagogy subjects, 14 lesson plans are to be practiced. After that 5 lesson plans are to be prepared for Simulation session. On day one, an overview of Microteaching was explained by Ms. Indu Jain. She explained about concept of microteaching, cycle of micro teaching etc. After that first teaching skill i. e., Set Induction was explained by Ms. Indu Jain to all the students. Along with, Pupil Teachers were also explained, how to prepare micro lesson plan based on that teaching skill. After that all the 7 teaching skills were explained by resource persons. Pupil Teachers prepared their micro lesson plans and presented them to their peer group. After successfully completion of microteaching session, simulation was started. Total five macro lesson plans were to be prepared. All the pupil teachers had prepared and presented them with full enthusiasm and confidence.



## Field Visit to Technology Transfer Unit



A “Field Visit to Technology Transfer Unit” at Softcon India Pvt. Ltd. was organized for B.Sc. students. The student got the chance to learn practically through interactions, working procedures, and employment practices during the visit. It exposed the students to real-world job procedures rather than the theoretical information. Students got a fantastic opportunity to engage with industries and learn more about the industrial environment through industrial visit. This industrial visit enabled students to integrate their theoretical understanding of technological functioning with the practical understanding of how technology actually operates.

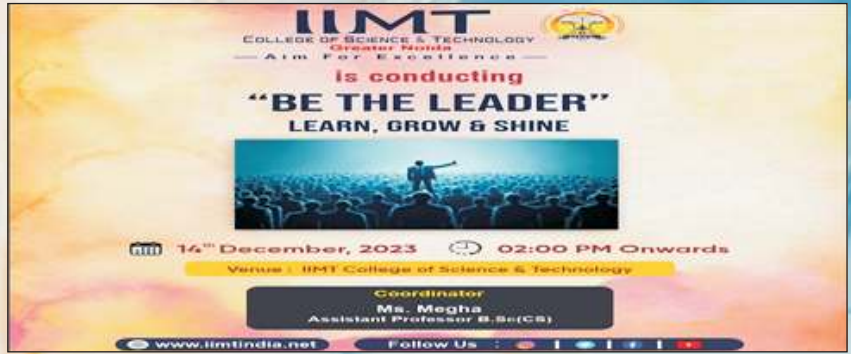
## Teaching Practice



B.Ed. Students of First year has practiced and experienced teaching in real classroom scenario. The school for this purpose was Gyaandeep Public School, Surajpur, Gr.Noida. They taught the students and also learnt many things from them. It was 2 week program where each student has to prepare and teach 25 Lesson Plans. During this session pupil teachers has done many activities other than teaching like morning assembly, maintaining discipline, taking oral tests and many more. This was great learning experience for the all pupil teachers.



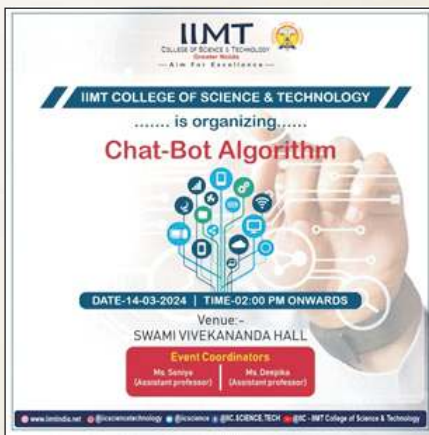
# Be the Leader



For developing leadership skills of the students, 'Be the Leader' activity was organized at IIMT College of Science & Technology. The welcome address and opening remarks about the activity was given by Ms. Megha. The student leadership roles provide students with the opportunity to develop their creative thinking skills. Leaders must come up with innovative ideas and strategies in order to lead a successful team. They must also learn how to manage their time efficiently in order to complete tasks and meet deadlines. All the students presented their own innovative ideas. Each student was given 5 minutes to present the topic. This activity lasted 2-3 hours and the students enthusiastically participated in it.



# “Chat –bot algorithm”



A skill enhancing activity 'chat-bot algorithm' was organized at IIMT College of Science & Technology. The opening remarks and brief introduction of activity was given by Ms Deepika. The students of B.Sc.<sup>st</sup> I and II year participated in the activity. Different topics such as Natural language processing, types of chat-bot, machine learning, artificial intelligence etc. were given to the students. They were further asked to create an algorithm and flowchart on those topics. Each student was given 5 minutes to present the topic. All the students participated in the event enthusiastically and well explained their topics.



## CREATIVE CORNER



बचपन का वक्त निराला था, जब से बचपन को जाना था,  
जब से शुरुआत हुई बचपन की, मां का गर्भ आशियाना था।

एक तरफ था मेरा बचपन, घर सपनों से खुशहाल था।  
एक तरफ उस गरीब का बचपन, जो असहाय लाचार था।  
मैंने कब चलना सीखा, वो पल यादगार था।  
वो चलना कब सीख गया, ये भी ना किसी को याद था।  
जन्मदिन पर मेरा घर, खुशियों से था गूँज उठा,  
इस धरती पर आया कब वो, ये भी था ना उसे पता।

बचपन का वक्त निराला था, जब से बचपन को जाना था।  
जब से शुरुआत हुई बचपन की, मां का गर्भ आशियाना था।

मेरे घर के आंगन में, खिलौनों की भरमार थी,  
उस मासूम के सिर पर, जिम्मेदारियों की मार थी।  
मेरे बचपन की यादें, सब मेरे साथ थी,  
कहीं फोटो कहीं वीडियो, सब मेरे पास थी।  
उसका बचपन कब बीत गया, उसे ये तक ना पहचान थी।

बचपन का वक्त निराला था, जब से बचपन को जाना था।  
जब से शुरुआत हुई बचपन की, मां का गर्भ आशियाना था।

मैं जब भी जिद करता था, कुछ हासिल करने के लिए।  
जो भी कुछ था मांगा मैंने, वो सब कुछ था मिला मुझे।  
बचपन था मेरा कुछ खास, बचपन था उसका भी खास,  
फर्क इतना सा हम दोनों में,  
मुझे मिला सब बिन मेहनत के, उसने किया बेहद प्रयास।

बचपन का वक्त निराला था, जब से बचपन को जाना था।  
जब से शुरुआत हुई बचपन की, मां का गर्भ आशियाना था।

डॉ. सरिता दलाल



### Who Says

Who says that studies can't be fun  
That we can't have pleasure while being chained by discipline  
My teacher, my guide,  
Who has given me a reason for living  
Has never in the sense taught put the terms  
'torture', 'horrible,' in my word book  
'A child who does not make mistakes  
Is a child who never learns the basics'  
Is her slogan for us  
She teaches us in such a way  
That you'll understand the concept within seconds  
She teaches us that is wonderful to color outside the lines  
As that's the only time when red and blue  
Come out and make it seem like fireworks in the sky  
She brings Britishers and Indians come out  
And makes them dance to her tunes  
Shakespeare sings his plays in midair  
To the sounds of violins playing somewhere  
Numbers jump here and there on the page  
To be added or subtracted and have their share  
My guide takes us on a ride back in time  
When we visit the museum of ancient times  
She keeps in our limits but  
Let's have the time of our lives  
Who says education can't be fun  
When you have a teacher like mine

Indu Jain

### अंदाज़-ए-गुफ्तुगू

हारा भी, टूटा भी  
हारा, टूटा पर रुका नहीं  
हारा, टूटा पर रुका नहीं  
संघर्ष किया..... तब जग जीता  
पग रखे बिना ही धरती पर,  
बोलो, किसने उड़ना सीखा.....  
जीवन तेरा अधिकार करो  
न व्यर्थ समय बर्बाद करो  
एक दिशा चुनो और जुट जाओ  
प्रेरक जीवन तैयार करो  
कदम सुदृढ़ हैं हर पथ पर  
कदम सुदृढ़ हैं हर पथ पर  
दुर्बल तो अपनी सोच से तुम हो  
क्या यूँ ही थे, जो अब तुम हो॥  
क्या यूँ ही थे, जो अब तुम हो॥



ज्योति कुमारी





With immense pleasure we share with you that IIMT College of Science and Technology received the best college award for the session 2023-24. The college has been awarded on the basis of the academics, skills, placements, alumni feedback, etc. The Director of IIMT College of Science and Technology, Dr. Poonam Pandey received the trophy along with all faculty and staff members from Dr. Mayank Agarwal, Managing Director, IIMT Group of Colleges. He also honored Director, Dean and HODs with Certificates of Excellence and Silver Coins.









## **EDITORIAL BOARD**

### **Editor-In-Chief**

**Dr. Poonam Pandey**

### **Editors**

**Ms. Indu Jain**

**Ms. Mukta Tiwari**

### **Student Members**

**Muskaan Singh (B.Ed. 2 Year)**

**Kajal Kumari (B.Ed. 2 Year)**

**Aman Mani Tripathi (B.Sc. (CS) 3rd Year)**

**Khushi Tyagi (B.Sc. (CS) 3rd Year)**

**Yuvraj Anand (B.Sc. (CS) 1st Year)**

**Kamya Bhardwaj (B.Sc. (CS) 1st Year)**

## **IIMT COLLEGE OF SCIENCE & TECHNOLOGY**

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