



Newsletter

Polyयांत्रिकी



Jan- Mar 2022



Apr- Jun 2022



July- Sep 2022

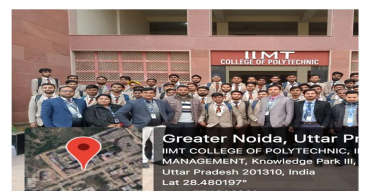
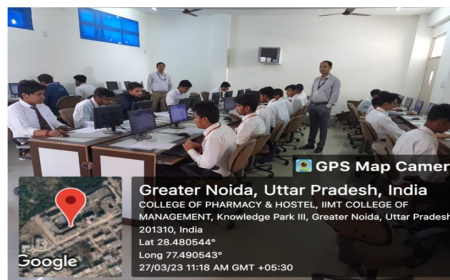


Oct- Dec 2022

Scan & Read Previous Four Newsletters

Inside this issue

- Management Corner
- Activities of the quarter
- Faculty Corner
- Student Corner
- General Corner



From the Desk of Professor In charge

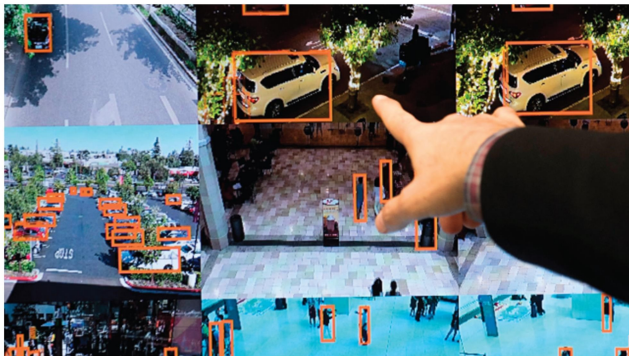


Dr. Bhaskar Gupta

Professor In charge Academics
IIMT College of Polytechnic

Artificial Intelligence and the Future of Humans

Experts say the rise of artificial intelligence will make most people better off over the next decade, but many have concerns about how advances in AI will affect what it means to be human, to be productive.



A vehicle and person recognition system for use by law enforcement is demonstrated at last year's GPU Technology Conference in Washington, D.C., which highlights new uses for artificial intelligence and deep learning. (Saul Loeb/AFP/Getty Images)

Digital life is augmenting human capacities and disrupting eons-old human activities. Code-driven systems have spread to more than half of the world's inhabitants in ambient information and connectivity, offering previously unimagined opportunities and unprecedented threats. As emerging algorithm-driven artificial intelligence (AI) continues to spread, will people be better off than they are today?

Some 979 technology pioneers, innovators, developers, business and policy leaders, researchers and activists answered this question in a canvassing of experts conducted in the summer of 2018.

The experts predicted networked artificial intelligence will not only amplify human effectiveness but also threaten human autonomy, agency and capabilities. They spoke of the wide-ranging possibilities; that computers might match or even exceed human intelligence and capabilities on tasks such as complex decision-making, reasoning and learning, sophisticated analytics and pattern recognition, visual acuity, speech recognition and language translation. They said "smart" systems in communities, in vehicles, in buildings and utilities, on farms and in business processes will save time, money and lives and offer opportunities for individuals to enjoy a more-customized future.

AI would leave people better off or not. Many shared deep worries, and many also suggested pathways toward solutions.

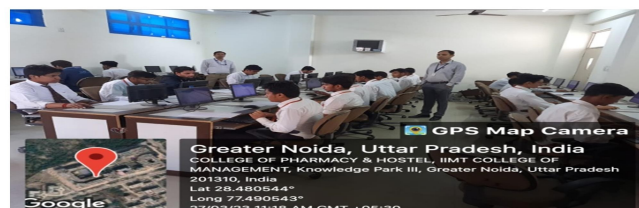
NATIONAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE & ENGINEERING – 2023[RISE-2023]



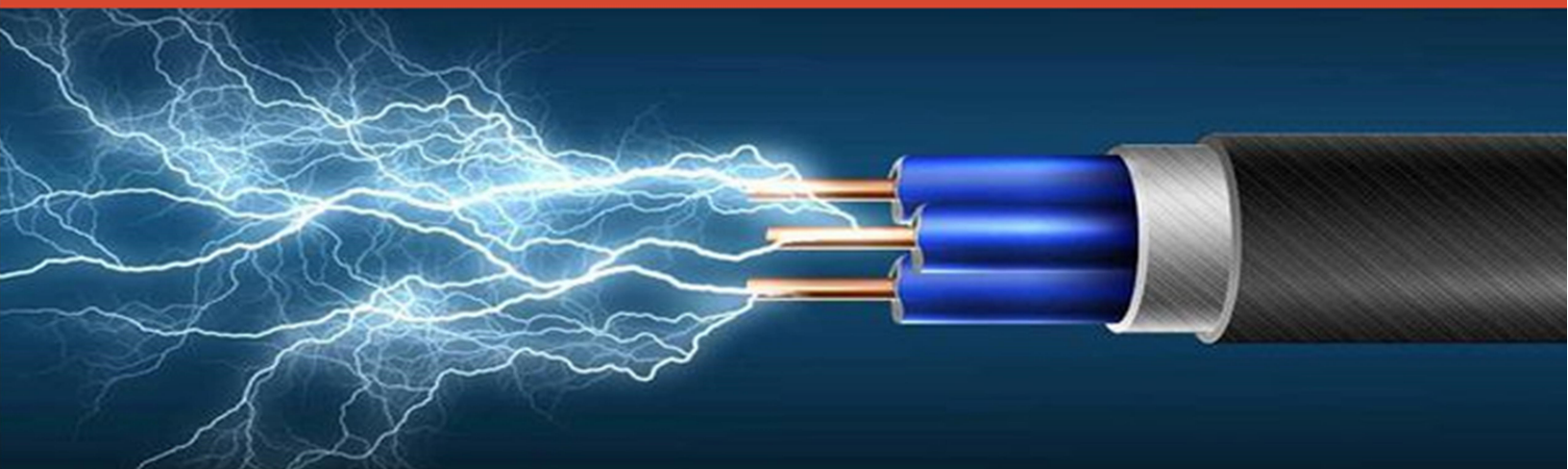
The conference was a huge success under the mentorship of Honorable Chief Patron, Shri Yogesh Mohanji, Chairman, Patron Dr. Mayank Agarwal, Managing Director, Prof. (Dr.) M.K. Soni, Director General, Dr. J.K. Sharma, Executive Director, Mr. Umesh Kumar, Director IIMT College of Polytechnic, Greater Noida. The convenors invited for the event were Dr. Bhaskar Gupta, Prof. In charge (Academics), Organizing Secretary, Dr. Ravindra Kumar and the Coordinator, Mr. Pramod Sajwan, Senior Lecturer, IIMT College of Polytechnic, Greater Noida. The conference was addressed by Prof. Umesh Kumar, Director IIMT College of Polytechnic, Greater Noida, in which he welcomed all the dignitaries and said that IIMT College of Polytechnic is one of the best Polytechnic College in DELHI NCR Region which has organized the national conference in which participants participated not only from DELHI/NCR but from varying parts of the country. Professor Naved Ansari from Gautam Buddha University stepped in as the Chief Guest of the National Conference. In the closing ceremony, Convener of the conference Dr. Gupta mentioned that “we received more than hundred papers from varying universities and colleges and it had been quite difficult to select very few. It was quite overwhelming to observe such enthusiasm and zeal from the participants.”

MS EXCEL DESIGN COMPETITION

Competition of the MS EXCEL DESIGN Spreadsheet has been conducted in polytechnic computer lab. Students were very excited to participate in this activity. 28 students participated in this activity. At the beginning of the competition itself, the rules of activity were announced by the event coordinator Mr. Dev Kumar Singh. Mr. Dev Kumar welcomes the judges, Mr. PramodSajwan and Mr. Ashutosh Mishra and the spectators, Ms. Shivani and Mr. Sushil Kumar. After the judgments of the judges it was announced that Sonu Kumar secured 1st position, Tushar Kumar secured 2nd position and MohitKumar and Priyanshu Kumar secured 3rd position.



Department of Electrical Engineering



GUEST LECTURE

Department of Electrical Engineering organized a “Guest lecture on analysis using MBTI” on 28 March 2023, under the Guidance of Mr. Umesh Kumar, Director, IIMT College of Polytechnic. Dr. Bhaskar Gupta, Prof in charge Academics, IIMT College of Polytechnic and Mr. Dharmendra Kumar Sharma, Head EE were also present in the session.

The topic of the event was to “Know Your Personality Type, an analysis using MBTI”. The Resource Person for the event, Mr. Shubham Pathak was from Defense institute of Psychological Science (DIPR), Defense Research and Development Organization (DRDO). At the end of the event students were able to recognize their personality types as introvert, extrovert or ambivert.



IIMT
COLLEGE OF POLYTECHNIC
— Aim For Excellence —
DEPARTMENT OF ELECTRICAL AND CIVIL ENGINEERING
GUEST LECTURE ON
**KNOW YOUR PERSONALITY TYPE,
AN ANALYSIS USING MBTI**

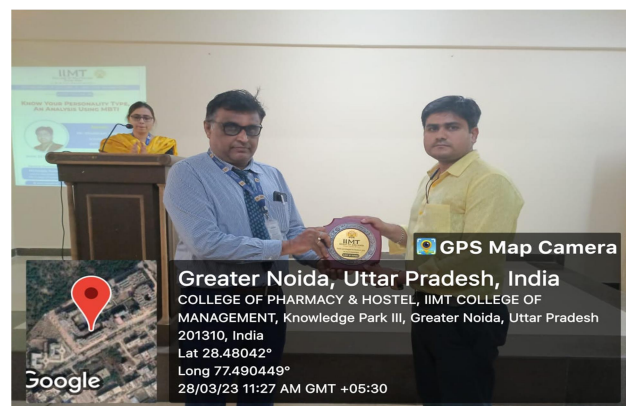
Speaker
Mr. Shubham Pathak
Scientist 'B'
DIPR, DRDO

DATE: 28-03-2023, TUESDAY | TIME: 10:30 AM ONWARDS
VENUE- VISHVESHVARYA HALL

Faculty Coordinator: **Mirtunjay Kumar**
Lecturer, Department of EE
IIMT College of Polytechnic

Student coordinators:
Rajneesh Kumar Prasad (EE, 2nd Year, IIMT College of Polytechnic)
Nirmal Gupta (EE, 2nd Year, IIMT College of Polytechnic)

www.iimtindia.net | @iic.iimt | @iimtic | @iic-iimt | @iic-iimt



Student Article



COVID-19
Durgesh Dubey
EE3rd year
IMT College of
Polytechnic

Research has shown that the outbreak of COVID-19 was in December 2019, and from then, there have been more than 600 million people who were infected with the virus and around 6.5 million deaths all around the world, according to WHO reports.

The World Health Organization (WHO) has decided to name the disease caused by the novel coronavirus "COVID-19" and refers to the virus that causes it as the "COVID-19 virus." CO for corona, VI for virus, D for disease, and 19 for the year the outbreak was first recognized, late in 2019.

COVID-19 or Coronavirus is a term the world has been uttering for almost two years now. Since the birth of the pandemic, the world has shifted to a new normal where masks are the new accessory and sanitizers are used like sunscreens.

Every country has been following different procedures and doing all that is possible to stop the spread of COVID-19. It is, however, dependent on the individuals.

It is in our best interest that the authorities are laying out rules and regulations, and it is our responsibility to follow them and keep ourselves hygienic, which in turn will keep everyone around us safe too.

Researchers and medical practitioners have worked really hard to develop vaccines for COVID-19. COVID-19 vaccines, like any other vaccine, have side effects like fever, soreness and weakness.

- Wear your masks covering your nose and mouth every time you step out of your house
- Wash your hands thoroughly
- Sanitise yourself
- Eat nutritious food to build immunity
- Maintain a physical distance when you are in contact with a group of people

Be cautious. Create awareness. Stay home and stay safe.

In conclusion, 2019-nCoV infection is a zoonotic disease with low to moderate mortality rate. Currently, there is no standard treatment for the disease and supportive treatment was the only strategy. Although many experimental trials are on the way, the best we can do to prevent a rampant outbreak is stringent infection control operation. Clinicians should consider the possibility of 2019-nCoV virus infection in persons with travel or exposure history with compatible incubation period and presenting symptoms. First-line healthcare providers should be highly aware of appropriate infection prevention measures for suspected patients.



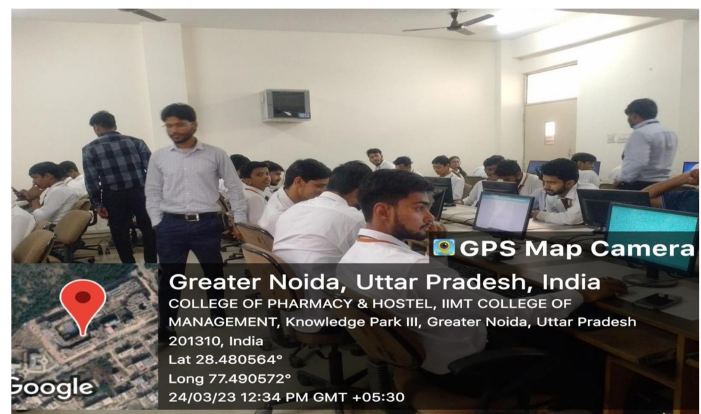
Department of Civil Engineering



TECHNICAL QUIZ

Department of Civil engineering has organized a Civil engineering Technical Quizes a minor activity. The coordinator of activity was Dharmendra Kumar. The event was held on 24 March 2023 in computer lab.

In Totality, 46 Students from Civil 2nd & 3rd years participated in this technical quiz activity. The students participated in this activity with great fervor and passion. In the quiz the students were guided to attempt various questions related to all the aspects of civil engineering subjects. Undoubtedly, all the students performed very well. The judges of the event were Mr. Manish Kumar & Mr. Vikash Gautam. The position holders were- Sameer khan - 1st rank, Vikash Kumar - 2nd rank and Kunal Bhati - 3rd rank.



12 Jan 1863 -
04 Jul 1902

Do not wait for anybody or anything. Do whatever you can, build
your hope on none- Swami Vivekananda

Guest Lecture

Guest Lecture on 'Campus Connect and InfosysSpringboard - Roadshow' was organized by the Placement department on 27March2023 at Visveswaraya Hall of IIMT College of Polytechnic, Greater Noida. The speaker of the lecture was **Mr. Satyanarayana Murthy Kotta** who is **Senior Principal Consultant- Learning, ETA Infosys Ltd.** Since The Aim of the program was to provide the exposure to the online courses and Internship to the students. This lecture was focused on training about online courses and to get the best job placement by the college through this program. Now a day's online certification program is highly demanding in market.



IIMT
COLLEGE OF POLYTECHNIC
Greater Noida
— Aim For Excellence —

PLACEMENT CELL IIMT COLLEGE OF POLYTECHNIC

EXPERT TALK ON

**CAMPUS CONNECT AND INFOSYS
SPRINGBOARD -ROADSHOW**

Speaker
Mr. Satyanarayana Murthy Kotta
Senior Principal Consultant- Learning
&
ETA INFOSYS LTD.

DATE: 27-03-2023, MONDAY | TIME: 11:00 AM ONWARDS
VENUE- VISHVESHWARYA HALL
Branch- CE/ME/EE

Faculty Coordinator
Mr.Rajiv Ranjan Singh
HOD CIVIL
IIMT College of Polytechnic

Placement Coordinator
Ms.Vandana soni
IIMT College of Polytechnic

Ms.Nishu Sharma
IIMT College of Polytechnic

www.iimtindia.net @iic.iimt.poly @iic_iimt @IIC-IIMT-Polytechnic @iimtGroupofColleges



Department of Mechanical Engineering



INDUSTRIAL VISIT

An industrial visit was organized by Mechanical Engineering Department on 5 Jan 2023 in “Sofcon India PVT. LTD., B-5 Sector 2, Noida”.

The industrial visit was held on 05 January 2023. Initially, there was an oral presentation on the domestic and global opportunities for the diploma students & on various other aspects of the Mechanical industry in India as well as in abroad. There were eminent personalities like Mr. Avesh Bhatnagar, who graced the occasion with their presence.

They also shed light on the various policies & steps taken in the direction to flourish the mechanical Industry & make it compete with the international market.

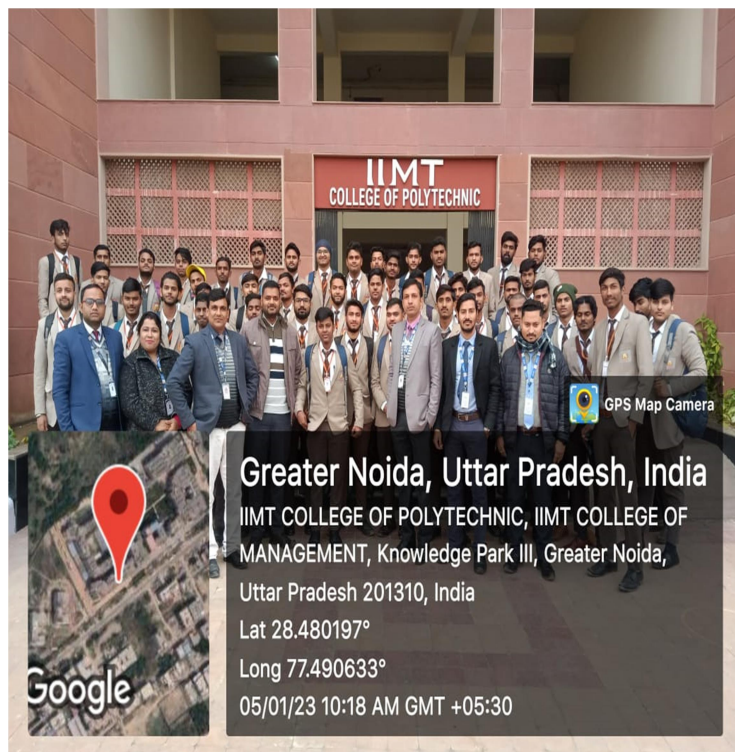
Thereafter at 11:15 AM, we divided two groups of students who were taken to the Industrial Automation working of pneumatic and hydraulic systems.

The Company was involved in the training of different courses related to Mechanical design engineering and piping design drafting.

At our industrial visit the students were able to learn about the following points:

- Introduction to Mechanical design engineering.
- Working of Hydraulic and Pneumatic pipe, its different features.
- Safety norms for industry work.
- 5S for Housekeeping.






ONLINE QUIZ

A minor activity based on online quiz has been organized by the Mechanical Engineering (Maintenance) department on 29th March 2023. The topic selected for the quiz was "IPR & Entrepreneurship". This activity was based on online quiz related to Intellectual property rights & Entrepreneurship in which there was 20 Multiple Choice Questions. Each question was of one mark. Duration of the quiz was 30 minutes. Total 99 students participated in this activity.

The aim of this Minor Activity was to Judge the thinking skills of the students and motivate and reinforce them to utilize knowledge related to Intellectual property rights and applications in future usage. The faculty coordinator was Mr. Kamal Kishor Sharma. Harsh Pal (ME-1 M) secured first position, Kanhaiya (ME-P-2A) has secured second and Abhishek Bhati (ME-3M) was the third winner in the quiz.





IIMT
COLLEGE OF POLYTECHNIC
Greater Noida
— Aim For Excellence —

DEPARTMENT OF MECHANICAL ENGINEERING (MAINTENANCE) IS ORGANIZING

ONLINE


QUIZ!

COMPETITION ON

IPR & ENTREPRENEURSHIP

Date : Wednesday 29th March 2023 | Time : 11:00 AM to 12:00 PM

COORDINATOR
Mr. Kamal Kishor Sharma
Senior Lecturer
IIMT College of Polytechnic



Scan For Registration

www.iimtindia.net | [@iimtindia](#) | [@iimtNoida](#) | [@iimtMeerutGreaterNoida](#) | [@iimtGroupofColleges](#)



FACULTY CORNER

CAREER IN MECHANICAL
ENGINEERING**Kamal Kishor Sharma****Senior Lecturer ,Department
of Mechanical
Engineering(Maintenance)**

Mechanical engineers are enthusiasts for an accessible Mechanical engineering.

Mechanical engineering is one of the broadest engineering disciplines. It is the application of principles and problem solving techniques from design, building, testing and manufacturing objects for the marketplace.

Since Mechanical engineers deal with evolving problems, the best way to stay abreast of information is by reading magazines related to their fields Undergraduates in the field. Mechanical engineers learn about the materials used to design, manufacture and maintain mechanical systems. These skills also help them design and diagnose industrial equipment and machinery, heating and cooling systems, transportation systems, medical devices, weaponry, air, watercraft builds and manufacturing plant.

ACHIEVMENT OF STUDENT

Master Devraj, student of ME (M) First Year has brought laurels to the institution by attaining heights in the sports competition. Recently he has received Silver medal in the KYRUGI organized by the XIXth National Taekwondo championship 2023 held in New Delhi.

He has been associated with the game since he was seven years old. His father recognized the talent and made him a part of the neighborhood Taekwondo academy. At the college level, he is quite renowned face due to his athletic specimen.

The Director IIMT College of Polytechnic congratulated him for his achievements and confirmed his support for his future endeavors.



Activity At A Glance

Across the years, the Placement Cell has worked hard, diligently with innumerable prestigious and distinguished companies, industries and organizations. A teamwork and determined efforts should be made in this direction to ensure a suitable and appropriate opportunities for both companies as well as for the students through these placements and apprenticeship opportunities.

IIMT College of Polytechnic conducted a placement drive in the Visveswaraya hall. Numerous renowned companies' conducted their interviews for the new openings.

There were several students who appeared for the interviews and launched themselves for the further heights.

From the selected ones, few have made it historical for the IIMT College of Polytechnic by receiving a handsome salary.

Total more than 80 students are placed for the academic sessions 2022-23 and many more are in the pipeline. Total 15 companies are visited as on date. IIMT College of Polytechnic is highly active in organizing placements.

Selected students have brought laurels to the institution. We, the IIMT College of Polytechnic team, congratulate them for their bright future.



General Corner

1. Proba-3 Mission, which will be launched aboard ISRO's PSLV, is associated with which space agency?

- [A] NASA
- [B] ESA
- [C] JAXA
- [D] CNSA

2. Which institution is to set up the 'Corporate Debt Market Development Fund'?

- [A] RBI
- [B] SEBI
- [C] NSE
- [D] BSE

3. 'Aboriginal and Torres Strait Islander Voice' is associated with which country?

- [A] USA
- [B] Australia
- [C] Greece
- [D] Italy

4. Which company signed deal with Indian Army for procuring 'Akash Weapon System'?

- [A] Bharat Dynamics
- [B] BEL
- [C] BHEL
- [D] DRDO

5. Higher Education Financing Agency (HEFA) is a joint venture of Education Ministry and which bank?

- [A] State Bank of India
- [B] HDFC Bank
- [C] Canara Bank
- [D] ICICI Bank



Reviewer Page

*We express sincere
thankstothereviewersofthisnewsletterforgivinghis/herprecious,valuableandenc
ouragedand voluble suggestions.*



I am extremely glad to see such Innovative Newsletter. Newsletter is drafted with good information and attractive QR Code version. My heartiest Best Wishes to the Management and Editorial Board Team to come up with such innovative Newsletter which is the need of the current era.

Dr. Prem Narayan Ahirwar

Associate Professor

Department of Mechanical Engineering

Madhyanchal Professional University Bhopal

IIMT College of Polytechnic is one of the best Diploma College which has taken such a great initiative to release the newsletter which is really important and resourceful for the students as well as for faculty members. I find this Newsletter Innovative and attractive with well draft and professional manner. I wish all the best to the team Newsletter.



Balram Sharma

Assistant professor,

Department of Computer Science Engineering

KIT, Kanpur



Editorial

Board Members

FROM THE



EDITOR'S DESK

Dear Readers,

This thanks of note goes to all the contributors like Prof In Charge Academics, Prof In Charge R&D, HoD's - Electrical, Mechanical, Civil, Event Coordinators, Faculty and students those who have contributed their articles to make this Newsletter complete. At the last but not least thanking to Director Sir for his guidance, vision and time.

CHIEF EDITOR

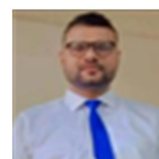
**Prof. Umesh
Kumar**

**FACULTY COORDINATOR**

Mrs. Nishu Sharma
Mech. Dept.



Mr. Manoj Yadav
Electrical Dept.



Mr. Manish Kumar
Civil Department



Dr. Chitra Gupta
Department of ASH



Mr. Deepak.
Department of ASH

**STUDENT COORDINATOR**

Natik Sharma - ME (M) 3 Yr

Ankush Sharma - ME (P) 3Yr

Rohit Sharma - EE 3 Yr

Satyam Shivam-CE3 Yr