

newsletter

Polyयांत्रिकी



Jan-March 2021



Apr-Jun 2021



July-Sept 2021

Scan & Read Newsletter , 2021

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MANAGEMENT CORNER

**Prof. Umesh Kumar****Director**

IIMT College of Polytechnic

Digital Parenting

Today our children have an amazing opportunity to learn, create and communicate through the use of technology. Digital media have quickly changed ways in which parents and children communicate, enjoy themselves, acquire information, and solve problems daily. As it has been observed that very young children are regular users of smart phones and tablets, so their early digital engagement poses new challenges to parent-child relationships and parental role.

Parenting helps socialization in children to connect with their parents and also discuss their problems and even their happiness. The presence of digital media has a major impact on parent-child relationships and parenting skills.

The main aim of digital parenting is to protect your children from various online dangers. Children's online experiences are driven and affected by many factors such as friends and celebrities, emerging apps, tech and trends, interests, and much more.

Parents need to use several approaches for regulating digital media behaviors of children.

Seven Steps to Good Digital Parenting**1. Talk With Your Kids**

- Talk early and often be open and direct
- Stay calm

2. Educate Yourself

- Try out the apps, games, and sites yourself

3 Use Parental Controls

- Set content priority and time limits on your kids' devices
- Routinely check privacy settings on social media
- Monitor your kids' use and their screen time

4. Get Ground Rules and Enforce Consequences

- Use a routine for digital device usages
- Restrict where and when devices can be used

5. Friend and Follow

- Follow your kids on social media
- Respect their online space and freedom

6. Explore, Share, and Celebrate

- Go online with your kids and
- explore their digital world
- Share your own online experiences
- Learn from each other and have fun

7. Be a Good Digital Role Model

- Curb your own bad digital habits
- Know when and where to unplug
- Show your kids how to collaborate and be kind online



Placement Summary

Session : 2021-2022

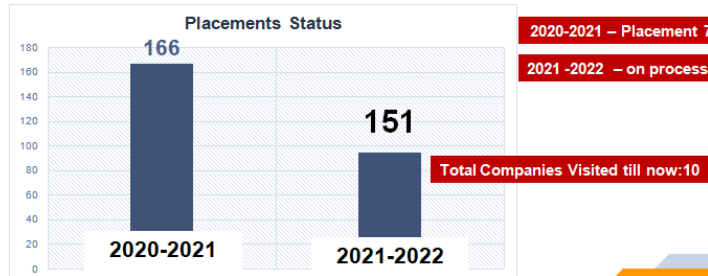
डिप्लोमा इन मैकेनिकल इंजीनियरिंग के 34 छात्रों का चयन

॥ गोपब्रह्म, एजेंसी



IIMT College of Polytechnic provides number of placement opportunities to students. Total 10 companies have visited the campus for placement, in which 151 students were placed of the session 2021-2022 and many more are in pipeline. Whereas 166 (76%) were placed of the previous batch 2020-2021. IIMT College of Polytechnic is highly active in organizing placement drives and conducting industrial visits.

Placements



Placement Status Graph



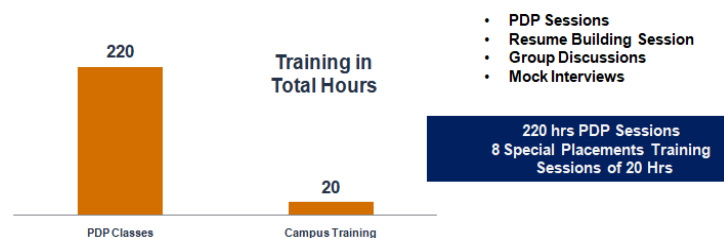
Campus Interview

 www.iimtindia.net

Training programs for the Session : 2021-2022

IIMT College of Polytechnic conducts intensive training on the Personality Development for the students from first to third year. Training Department emphasizes on students character building, communication skills, kinesics, expressions, writing skills and interview techniques. We also provide training on Resume building for the final year students which makes them presentable in the interview processes. The Training department conducts intensive training on Mock Interviews to know the readiness of the students. Training Department organized total 220 hours training for different batches and 8 special campus drive training has been conducted.

Training



Training Sessions

HUNAR-II 2K21



IIMT College of Polytechnic organized HUNAR Part II 2k21 on 15th December, 2021. More than 10 events were conducted and 500+ students participated from IIMT campus and across the state from different institutions. The program was immensely graced by Dr. Mayank Agrawal Managing Director IIMT Group of colleges. Dr. Karuna Bhalla, former. Director of Education was the Chief guest of the event.

There were different technical sessions and extracurricular activities like AutoCad, Carpentry, Machine Learning, Free Fire, Ludo Competition, Bridge Making, Poster Making, Singing, Dancing, Rangoli, Circuit Making, and Technical Quiz This event was an opportunity to explore their talent for future endeavors. Prof. Umesh Kumar, Director Polytechnic expressed his feelings and gratitude to the organizing Team , HoDs, Faculties and Student volunteers for conducting such a nice event in an organized way.

The prize distribution was graced by Honorable Managing Director of IIMT Group of Colleges and program was called off by the vote of thanks by Dean Academics.



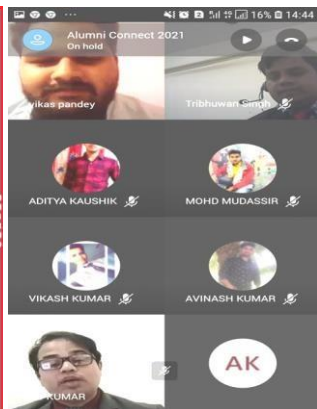
Prize Distribution by MD Sir



Presenting guest of honor by Director & Dean

Alumni Connect Session by Mechanical Department

Department of Mechanical Engineering Organized alumni connect session on 17th Dec-2021. The speaker of the event was Mr. Vikas Pandey of 2020 passed out batch.. He got campus placement in Global Autotech Pvt. Ltd., Greater Noida and currently working in the same company. He shared his knowledge to the students about quality inspection of the products, functionality of the machines and instruments. Students were very interactive and gained knowledge from the session.



Alumni Connect Session

Debate on "Effect of COVID-19 on Education System" by Dept. of Mechanical Engineering

This event was organised by department of Mechanical Engineering in which approx 60 students participated. Students shared their views and approach towards effect of Covid-19 on education system. Dean Academics, Dean R & D, HOD Mechanical engineering and coordinator Mr. Awadhesh Kumar was present in this event.



Photo: Effect of COVID-19 on Education System

The Artistic Talent Hunt

The Artistic Talent Hunt event was organized by department of Applied Science and Humanities, IIMT college of Polytechnic on November 17th Dec.2021. The Artistic Talent Hunt was to discover student creativity. Several activities like Painting (Landscape) and Rangoli were conducted in this event. The organizer of the event was Mrs. Reeta Tyagi along with Faculty Co-ordinators Ms. Manju and Dr. Kavita Khatana. The judges of the event were Mr. Zakir Ali (H.O.D) and Mr. Pramod Sajwan. Total 50 students participated in this event. The winners in the event were Aditya Raj, Nishu Sharma, Vishal Bhati, and Lakendra Singh. In which second position was achieved by Saniya Parveen, Ansh Bhati, Seema Kumari, and Sameer Khan.



Photo: The Artistic Talent Hunt

Circuit Making Competition- Organised by Dept. of EE

Department of Electrical Engineering of IIMT College of Polytechnic organised a Circuit Making Competition on 27th Oct 2021. The event was conducted in the blissful presence of Prof Umesh Kumar, Director, IIMT college of Polytechnic and Dr. Bhaskar Gupta, Dean Academics. Total 32 students from 2nd and 3rd year participated.

The First position was achieved by Ankit Kumar, Kapil Yadav, Ravi Chauhan and Krishna Bhardwaj and Rohit Sharma, Taquir Ahmad, Manish, Gaurav Dhaiya and Arushi were at 2nd position and Prabhudev, Rajneesh Kr. Prasad, Durgesh Dubey and Ashutosh Kumar Singh were at third position.

The event was coordinated by Mr. Mirtunjay Kumar and judged by Mr. Achal Kumar, HOD, Dept. of Electrical and Mr. Dharmendra Kr. Sharma, Dy. HOD.



Circuit making students group with faculty

Webinar on Entrepreneurship - IIC Activity



The webinar was conducted by Department of Electrical Engineering on 26th Oct, 2021. Dr. Bhaskar Gupta, Innovation Ambassador, Ministry of Education, Innovation Cell was the guest speaker, in which the speaker said that entrepreneurship is an opportunity to create wealth not only to bring a business idea to fruition. Students of 2nd and 4rd year of Electrical Engineering attended the session.

The program, was coordinated by Mr Dhammendra Kr. Sharma, in which students from second and third Electrical Engineering attended. Prof. Umesh Kumar, Director. Faculty members, ED cell Project Head, Mr Sunil Kumar and Dr. C.B. Kumar were also present in the session.



Webinar on 'entrepreneurship & innovation as career opportunity'

Industrial Visit – Civil Dept

LIST OF COMPANY VISIT: LYNOC SOFTWARE EXPORT & RESEARCH PVT,FARIDABAD INDIA

- **Industrial visit:** Building construction site visit
- **Name of the industry :** Lynoc software export & research Pvt, Faridabad.
- **Date of visit :** 20 December 2021
- **No. of student visit :** 40

About Company: Lynoc Software Export & Research Pvt. Ltd. is a leading end-to-end solution integrator for “Geographic Information System” (GIS), service provider, headquartered in Delhi. It was established in the year 2011.

Students visited the following site of the plant and gained practical knowledge

- TRANSPORTATION
- LAND DEVELOPMENT
- WATER RESOURCES
- ENERGY
- GIS IN CIVIL CONSTRUCTION



Industrial Visit : Lynoc software export & research Pvt,

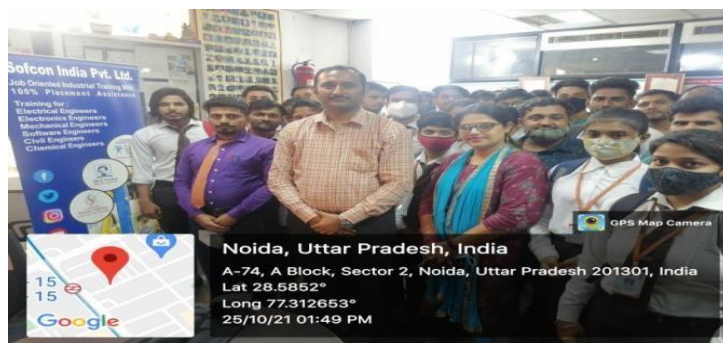
Industry Visit- EE Dept.

Department of Electrical Engineering organized industrial visit on 25th oct,2021 at Sofcon India Pvt. Ltd which is one of the fastest growing automation training Company.

The main objective of the visit was to make students aware about the importance of automation and the level of its penetration in the field of Electrical Engineering. 2nd and 3rd year students of Electrical engineering students were accompanied by Mr. Mirtunjay kumar and Mrs. Sakshi Rana. The Faculty members of Department of Electrical Engg. were also the part of the visit.

The cooperation of the employees of the company was remarkable who took a lot of pain to explain the automation process including MATLAB and PLC SCADA in detail and answer all the queries of the students. Students gained practical skill and knowledge about automation system control of power system parameters.

Department of Electrical Engineering, IIMT College of Polytechnic expresses heartfelt gratitude to the company manager for the permission and support they gave to our students. Sincere thanks to HOD, Mr. Achal Kumar and Faculty Mr. Mainuddin for arranging this visit for the students.



Industrial Visit : Sofcon India Pvt. Ltd

Orientation Program

Department of Applied Science and Humanities, IIMT College of Polytechnic organised orientation program on 5th October, 2021.

The parents and the students for the new academic session joined the program with a great enthusiasm. Grand spectacles of the teachers symbolically imparting the light of knowledge to the students through kindling the lights in great procession, classical dances and cultural events were the high-lights of the day.

The Chief Guest of the program was wing Commander Mr. Vibhu Sharma and Guest of honour was Prof. Umesh Kumar who motivated the students and shown the vision of the education in the life.

The program was organised by Department of ASH and Anchored and executed by Dr. C. B. Kumar and Ms. Radhika Vats, Stage Decoration by Mr. Pramod Sajwan and Organising Committee .



Orientation Program (First year)

Science Model Exhibition

Science Model Exhibition was conducted by Department of ASH. It was conducted by Dr. Rabindra Kumar on 11th November 2021. The aim of the science model exhibition was to inculcate a spirit of scientific enquiry and analytical thinking among the students. In this competition, all students exhibited their knowledge, abilities and skills. It was a Model competition to exhibit the knowledge and skills of scientific in the education. Where Dean Academics, Dean R &D and faculty members visited the exhibition and distributed the certificate.



IIC Council Ranking

IIMT College of Polytechnic Ranked 1st among the Institute in North India.



IIMT College of Polytechnic was ranked with 3.5 star in Institutions Innovation Council, (IIC 3.0), 2020-2021.

IIMT College of Polytechnic Selected for Grant impact lecture series grant for 2020-21 by Ministry of Education innovation cell for impact lecture series grant for 2020-21. ***There are only 10 colleges in UP which have been selected for the financial grant by Ministry of Education.***

National Conference



National Conference on Recent innovations in Science & Engineering 2021 [RISE-2021] was organized by Department of Electrical Engineering,

IIMT College of Polytechnic, Greater Noida (UP) organized National Conference on 24th December, 2021. Conference was graced by the Chief Guest - Dr. M. A. Ansari, Head and Professor ,Electrical Engineering, Gautam Budh University ,Greater Noida and Guest of Honour by Dr Jitendra Kumar Nagar, Chairman & Secretary General of Environment and Social Development Association (ESDA), Delhi and Dr. Ashish Gupta, Controller of Examination, Dr. Shyama Prasad University, Ranchi. The Chief Patron of the conference was Shri Yogesh Mohan Ji Gupta Chairman, IIMT Group of Colleges and Patrons were Dr. Mayank Agarwal, Managing Director, IIMT Group of Colleges Prof. (Dr.) M. K. Soni, Director General, IIMT Group of Colleges Mr. Umesh Kumar, Director IIMT College of Polytechnic and Convener was Dr. Bhaskar Gupta, Dean (Academics) IIMT College of Polytechnic.

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 Polytechnic College in DELHI NCR.

Region which has organised national conference in which participants are from DELHI/NCR as well as from other parts of the country.

The conference was internationally explored and participant was also from a renowned organization of Germany. Director, Prof. Umesh Kumar of IIMT College of Polytechnic congratulated Mr. Achal Kumar, Head of the Department of Electrical Engineering, Organising Committee, Author participants and students volunteers to conduct such a nice national conference. Dr. Bhaskar Gupta , Dean Academics – IIMT College of Polytechnic, Greater Noida also explored the need and benefits of the national conference.

Total 37 papers were accepted in this National conference including one from Germany.

Finally certificates were distributed by the dignitaries and conference was called off by vote of thanks by Dr. Bhaskar Gupta, Dean Academics, IIMT College of Polytechnic.



National Conference Group Photo

Fresher's Party



The Freshers Party event was organized by the Department of ASH on 27th November, 2021. The name of the Fresher's party was given name 'Parichay 2k21'. The fresher's party was full of excitement, joy, music, enthusiasm, laughter, and happiness. In which Prof. Umesh Kumar, Director, Dr. Bhaskar Gupta, Dean Academics were the guest of honour in the event. The event was organized by Mr. Pramod Sajwan. In which 60 students participated and performed in different act.

There were various cultural activities such as singing, dancing, stand-up comedy, comic act, ramp walk. There were spectacular dance performances by Manoj Kumar, Kapil Sharma. The main attraction of the event was Mr. & Miss Fresher's.



Director and HoD congratulating Mr. and Miss Fresher's

Faculty Corner

❖ Achievement of the Faculty

- Nomination in India Prime Top Researcher and professor award by Prof. Umesh Kumar, Director IIMT College of Polytechnic.
- Patent : Title Of The Invention: Intelligent System For Remote Person Monitoring Based On The Internet Of Things And Wireless Body Sensor. (Date of File : 30th Day of Dec. 2021 Name of Patent Applicants & Inventors : Umesh Kumar)
- Total 13 FDPs were attended by the faculty members from IIMT College of Polytechnic.
- Total 11 paper were published by the faculty from IIMT College of Polytechnic.

❖ ARTICLE



Pendulum as a Simple Machine Elaborated

Author : Dr. Bhaskar Gupta, Dean Academics, IIMT College of Polytechnic

Keywords : Pendulum, Physics, Simple machines, Machines

INTRODUCTION

A simple pendulum consists of a relatively massive object hung by a string from a fixed support. It typically hangs vertically in its equilibrium position. The massive object is affectionately referred to as the *pendulum bob*. When the bob is displaced from equilibrium and then released, it begins its back and forth vibration about its fixed equilibrium position. The motion is regular and repeating, an example of periodic motion. (Anonymous 2021)

METHODOLOGY: Analysis that we must consider and think that pendulum is a simple machine.

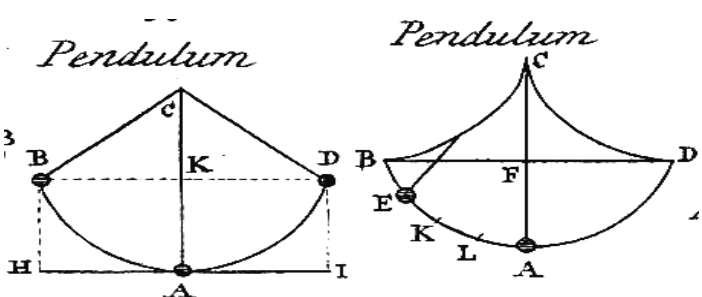


Table of simple mechanisms, from *Chambers' Cyclopædia*, 1728. Simple machines provide a vocabulary for understanding more complex machines.

Types of Pendulum

Another type is the Schuler pendulum. When the Schuler pendulum is vertically suspended, it remains aligned to the local vertical even if the point from which it is suspended is accelerated parallel to Earth's surface. This principle of the Schuler pendulum is applied in some inertial guidance systems to maintain a correct internal vertical reference, even during rapid acceleration.

Types of Pendulum

- Simple Pendulum
- Foucault Pendulum
- Double Pendulum

Women empowerment is when women have the freedom and choice to make their own decisions. They have the most potent right in deciding what's right for them and what's wrong for them. Women have suffered through the decades because they didn't have any rights. They suffered in the hands of their male counterparts. Women empowerment is one of the most critical and essential things that everyone should support. It is when women are given the most power and right to make decisions for themselves. Women have been subjected to injustice through decades. They have been treated as non-existent for decades. Women were else was always making decisions for them. This is one of the biggest reasons for women's empowerment. It was one of the essential things which were the need of the hour. Women were made aware of their rights. Along with their rights, women were taught how to be self-independent in all aspects of their lives. They were taught how to create a space for them where they can grow and become the people they want to be. The men always had all the rights. However, the women didn't have any of these rights, even a small right like voting. Things changed when women realized that they, too, need equal rights. This brought along the revolution by the women demanding their rights. It spread the awareness that gender shouldn't be the reason for that things go in their favor. Countries all over the world called themselves, "progressive countries" but every one of them has a history of ill-treating the women. Women in these countries had to fight against the systems to get the freedom and status that they have achieved today. However, in India, women's empowerment is still lagging. There is more awareness that needs to be created for the awareness to spread.

Student Corner

❖ **Article:**
Women Empowerment:
Prerna Singh CE 3rd year



Puzzle of Oct- Dec 2021, Issue- VIII , Volume - XII

SOCIAL MEDIA PUZZLE

$$\text{YouTube} + \text{YouTube} + \text{YouTube} = 21$$

$$\text{Facebook} \times \text{YouTube} + \text{Facebook} = 72$$

$$\text{Instagram} \times \text{Facebook} + \text{Instagram} = 80$$

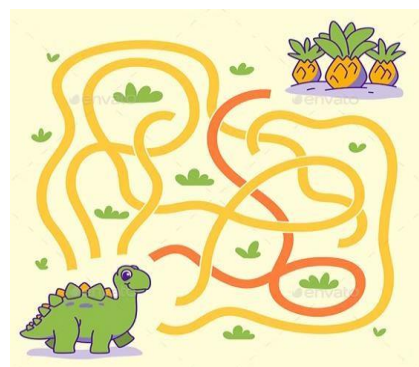
$$\text{YouTube Facebook} + \text{Facebook} \times \text{Instagram} = ?$$

PUZZLE OF LAST ISSUE:

Help cute "Dino" find the right path to plant.



Answer of the Previous Puzzle



Comments and Suggestions:

<https://forms.gle/E38Eqk8C33eCMu149>

Emergency Contacts:

Director : 73022 54554

Proctor : 93132 87818

Reviewer Page

Oct -Dec2021 ,Issue- VIII , Volume - XII

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We express sincere thanks to the reviewers of this newsletter for giving his/her precious, valuable and encouraged words and voluble suggestions.



I have gone through the Newsletter Polyantriki, IMT College of Polytechnic, Greater Noida, issue Oct- Dec 2021 ,Issue- VIII , Volume - XII. I find this Newsletter Innovative and attractive with good template. ***Usually it's expected about relationship building that our stakeholder feel a connection with the institute.***

Dr. P. N. Singh, Professor (CSE/ISE), CMRIT, Bangalore
President, ICT-CS, Indian Science Congress 2021-22
<http://sites.google.com/a/cmrit.ac.in/dr-p-n-singh/home>

I am extremely glad to put forth that the Newsletter is a realistic kaleidoscope of achievements, knowledge enhancing programs and quality management inputs for the quarter Oct- Dec 2021. The copy is indeed very well drafted which gives a comprehensive idea of endeavours of the IIMT. The placement summary and onsite visits enumerated in the same will infuse a positivity spirit to the Alumni. My heartiest Best Wishes to the Management and Editorial Team to come up with such innovative Newsletter which is the need of the hour.



A good product should always have space for improvisation. In this spirit, I would like to suggest- Few guest articles can be invited in future newsletter to give variety of thoughts indispensable for 360 degree professional development of Alumni.

Dr Pallavi Prakash, Founder & CEO- Knowledge Seed Learning Center
(Author, International Motivational Speaker, Visiting Faculty, Filmmaker & TV Panellist), kslcindia@gmail.com

This newsletter is a nice way to conclude the events throughout. It has wealth of knowledge at the engagement levels and great collateral to yourself informed. The content can be more engaging and can have less of text and more of punch lines with students taking lead on the articles. Great way to summarize the months!!

Sandeep Tiwari, senior Solutions Director, BlueYonder, ,Karlsruhe, Germany,
Sap.tiwari@gmail.com



Editorial
Board Members

FROM THE



EDITOR'S DESK

Dear Readers,

This thanks of note goes to all the contributors like Dean Academics, 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 and vision time to time.

PATRONS

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Director



CO-PATRON

Dr. Bhaskar Gupta
Dean Academics



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