

Manthan

2k23

Creative Thinking Inspires Ideas.
Ideas Inspire Change.



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE



His Excellency Shri Mangubhai Patel Ji, Hon'ble Governor of Madhya Pradesh & Shri Faggan Singh Kulaste Ji, Hon'ble Union Minister of State for Rural Development and Steel, Govt. of India as Chief Guests on "Placement Day- 2023" at Technocrats Campus



Shri Dr.Mohan Yadav Ji, Hon'ble Minister of Higher Education, Govt. of M.P. as Chief Guest on "Placement Achievers' & Annual Day- 2023" at Technocrats Campus



Placement Day Felicitation by Smt. Anandiben Patel Ji, Hon'ble Governor of Madhya Pradesh & Uttar Pradesh of Smt. Sadhana Karsoliya, Chairperson-Technocrats Group



"Best Engineering Institute in Central India Award" Awarded by Smt. Smriti Irani Ji, Hon'ble Minister of Women & Child Development, Govt. of India



"Highest Placements & Best Academics Award - 2022" Awarded by Shri Anurag Thakur Ji, Hon'ble Minister of Sports, Youth Affairs and Minister of Information and Broadcasting, Govt. of India



"Highest Placement in Central India Award" Awarded by Shri Shivraj Singh Chouhan Ji, Hon'ble Chief Minister of Madhya Pradesh



Bollywood Diva
Raveena Tandon



Actor & Producer
Arbaaz Khan



Aastha Gill
Live Concert



Famous Indian
Rapper Raftaar



Rock & DJ Night with
Millind Gaba



Director
Prakash Jha



UNBEATABLE PLACEMENTS

Placements 2022 & 23

3,118 Placements | **406** Companies

including **1,613** Selections in

DXC	206	Capgemini	275
HCL	61	TCS	139
Hexaware	143	Cognizant	331
Infosys	31	Deloitte	09
ITC Infotech	71	Mphasis	84
Accenture	59	Wipro	204

Major Recruiters 2022-23 Batch

amazon 11 Aug, 2022	SAP 15 Jul, 2022	zscaler 06 Dec, 2022	AMADEUS 02 Aug, 2022	IBM 05 Sep, 2022	AIRBUS 08 May 2021	Cognizant	
Infosys 03 Apr, 2022	accenture 12 Sep, 2022	EY 25 Nov, 2021	Goldman Sachs 22 Aug, 2021	HEXWARE 14 Mar, 2021	TATA TECHNOLOGIES 23 Dec, 2021	Capgemini 26 Sep, 2022	
VOLTAS 27 May 2021	Mphasis 09 Sep, 2021	DELL 28 Feb, 2021	ValueLabs 24 Aug, 2021	FORCE MOTORS 19 Sep, 2021	BYJU'S 15 Jul, 2022	TATA MOTORS 17 May 2021	
ASHOK LEYLAND 24 May 2021	Tech Mahindra 28 Oct, 2022	KPMG 26 Sep, 2021	TIGER ANALYTICS 20 Dec, 2021	GLOBAL 04 Nov, 2021	Deloitte 02 Feb, 2022	LTIMindtree 24 May 2021	
ADP 30 Mar, 2022	TATA ELXSI 27 Apr, 2022	ACCOLITE DIGITAL 09 Jul, 2021	KYB conmat 20 May 2021	THERMAX 17 May 2022	Morgan Stanley 26 Jul, 2021	virtusa 30 Aug, 2022	
Calvin Klein 09 Feb, 2022	BOSCH 28 May 2021	TEREX FINLAY 23 May 2021	DXC TECHNOLOGY 14 Jul, 2022	wipro 21 Apr, 2022	TOMMY HILFIGER 09 Feb, 2022	paytm 01 Apr, 2022	
tcs 19 Aug, 2022	TATA CONSULTANCY SERVICES	TEKsystems 31 May 2021	BNY MELLON Bank of New York Mellon, USA 17 Oct, 2021	NTT Data 23 Nov, 2021	ZenSar TECHNOLOGIES 18 Jan, 2022	HCL 21 Jul, 2022	ATA 16 Mar, 2022



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE

Technocrats Group Campus, BHEL, Bhopal- 462021 MP, India

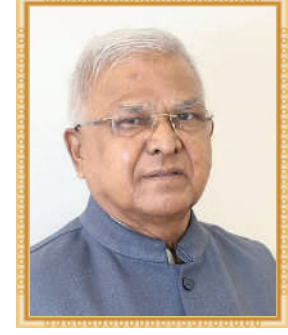
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E-mail : tit&soffice@gmail.com | website : <http://www.technocratsgroup.edu.in>





राजभवन
भोपाल- 462052



श्री मंगूभाई छगनभाई पटेल
राज्यपाल

Message

मुझे यह जानकर प्रसन्नता हो रही है कि टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी एण्ड साईंस भोपाल द्वारा वार्षिक पत्रिका “मंथन-2023” का प्रकाशन किया जा रहा है।

शिक्षण संस्थाओं द्वारा पत्रिका का प्रकाशन विद्यार्थियों के लिए विचारों व भावों को अभिव्यक्त करने का सशक्त माध्यम है। इस प्रकार की पत्रिकाएं विद्यार्थियों को निखारने में सहायक होती है। मुझे आशा है कि पत्रिका में देशप्रेम और चरित्र निर्माण जैसे विभिन्न पहलुओं से संबंधित पठनीय सामग्री का समावेश किया जायेगा जिससे देश में ज़िम्मेदार युवा पीढ़ी का निर्माण सुनिश्चित हो सकेगा।

शुभकामनाएं।

श्री मंगूभाई छगनभाई पटेल



डॉ. मोहन यादव
मुख्यमंत्री

Message

प्रसन्नता का विषय है कि टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी एण्ड साइंस, भोपाल द्वारा पत्रिका 'मंथन-2023' का प्रकाशन किया जा रहा है।

तकनीकी शिक्षा प्राप्त कर रहे विद्यार्थियों की सृजनात्मक अभिव्यक्ति के लिये पत्रिका का प्रकाशन एक सराहनीय प्रयास है। साहित्य, संस्कृति और भाषा के ज्ञान के साथ-साथ यांत्रिकी वातावरण को सरस व समरस बनाने में भी इस तरह की पत्रिकाओं का महत्वपूर्ण योगदान होता है।

आशा है, पत्रिका 'मंथन-2023' महाविद्यालय परिवार के विचारों की संवाहक बनकर उपयोगी व महत्वपूर्ण दस्तावेज बनेगी।

हार्दिक शुभकामनाओं सहित।



डॉ. मोहन यादव



Message



Shri Indar Singh Parmar
Minister of Technical Education M.P.

I am delighted to learn that Technocrats Institute of Technology & Science, Bhopal is publishing its college magazine “MANTHAN 2023”.

I appreciate the efforts and hope this will create healthy as well as innovative atmosphere among the institution’s beneficiaries, especially the youth joining the educational field.

This reputed institution has done a commendable job by imparting quality education in the field of Technical Education. By doing this it has greatly helped the youth of the state to catch up with time and excel in their respective fields.

With all my warm greeting I wish them all good luck and send my congratulations to the Management and the editorial team.



प्रो. (डॉ.) वीरेन्द्र कुमार
संचालक

Message

अत्यंत हर्ष का विषय है कि टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी एण्ड साईंस, भोपाल वर्ष 2023-24 की वार्षिक पत्रिका 'मंथन-2023' का प्रकाशन करने जा रहा है।

संस्था की पत्रिका का प्रकाशन विद्यार्थियों की बहुमुखी प्रतिभा को आगे लाकर पहचानने ओर उनके सम्पूर्ण व्यक्तित्व विकास के लिये आवश्यक है।

पत्रिका में ही उस महाविद्यालय के कार्यकलापों, छात्र-छात्राओं एवं शिक्षकों की प्रतिभाओं, उनका बौद्धिक स्तर एवं आदर्शों का प्रतिबिम्ब झलकता है।

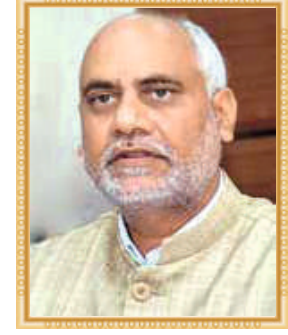
मुझे पूर्ण विश्वास है कि आपका यह प्रयास अपने उद्देश्यों में पूर्ण रूप से सफल रहेगा एवं भावी पीढ़ी के लिये पथ प्रदर्शक का कार्य करेगा।



प्रो. (डॉ.) वीरेन्द्र कुमार



Message



Prof. Sunil Kumar
Vice-Chancellor

मुझे यह जानकर प्रसन्नता हुई कि टेक्नोक्रेट्स इस्टीट्यूट ऑफ टेक्नालॉजी एण्ड साईंस भोपाल द्वारा वार्षिक महाविद्यालय पत्रिका 'मंथन-2023' का प्रकाशन किया जा रहा है।

महाविद्यालयीन पत्रिका किसी भी संस्था के लिये दर्पण की तरह होती हैं। मैं आशा करता हूं कि वार्षिक पत्रिका संस्था की शैक्षणिक उपलब्धियों को रेखांकित करने एवं छात्रों को सांस्कृतिक एवं साहित्यिक एवं अन्य शैक्षणेत्तर गतिविधियों में अपनी प्रतिभा प्रदर्शन के लिए उपयुक्त मंच उपलब्ध कराएगी।

पत्रिका के सफल प्रकाशन के लिए सम्पादक मण्डल, शिक्षकगण एवं छात्र-छात्राओं मेरी अनेक शुभकामनाएं।

मैं आशा करता हूं कि संस्था निरन्तर उन्नति एवं प्रगति के पथ पर अग्रसर होगी एवं तकनीकी शिक्षा के क्षेत्र में देश, प्रदेश एवं समाज को अपना योगदान देती रहेगी।

(प्रो. सुनील कुमार)

Chairperson
TIT Group of Institutions



Chairperson
TIT Group of Institutions

Message

Obviously, I am feeling an immense pleasure to orate that our college is going to publish a yearly magazine 'MANTHAN—2023', which does not only bestow academic excellence but also highlights overall multidimensional and moralistic developments of the college.

This magazine also throws light on the personality, working capacity and achievements of students, faculties and managements.

No doubt, I am again very much obliged to mention that the students and faculty-members gave good and moralizing articles for publication in this magazine.

In nutshell, I am of course, very much thankful to all the members, who taught the students very nicely, who gave their a highly remarkable contribution. I again wish them for their bright future and happy life.



Chairperson



Vice Chairman
TIT Group of Institutions

Message

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Vice Chairman



Managing Director
TIT Group of Institutions

Message

Indeed it is a matter of great pleasure that Technocrats Institute of Technology and Science is going to publish its annual institutional magazine MANTHAN 2023.

Furthermore, I am really very sure that this college magazine will provide a platform to the students to sharpen their writing skills by strengthening academic activities of college.

I extend my best compliments, hearty blessings to faculty members, staff members and rising sun of the nation i.e. students for their bright future and happy life. I also hope that they will strive for the creation of academic and professional excellence in the coming years.

In the end, I am feeling much pleasure to extend my warm greetings and wishes to all the faculties. Students and other staff members who gave their unique contribution for successful release of their annual magazine



Managing Director



Message



Dr Vikas Gupta
Director

The quest for knowledge has been from the beginning of time but knowledge only becomes valuable when it is disseminated and applied to human kind. 'MANTHAN' provides the right platform for showcasing the creative skills of our budding writers. It helps in inculcating in them the values of reading and writing.

The magazine "MANTHAN 2023" expresses the different views of our young and innovative minds and reflects the enthusiasm of the students. Our engineers will need new knowledge and skills to implement systems, engineering approaches across multi scale systems.

I congratulate the entire team and extend my warm and hearty wishes for the success of the 'MANTHAN' 2023.

Dr Vikas Gupta



Dr. Vandana Jain
Vice Principal

Message

I feel great pleasure and congratulate all for producing the college magazine entitled 'MANTHAN 2023'. Over the years the college magazine has achieved continuing success in raising the standard of education by presenting a happy blend of theoretical and practical demonstration, which has encouraged the students and teaching fraternity to occupy better place in the modern competitive world. These efforts result in producing the topper of the institutions from the first year. It's the qualitative approach of faculties that we are producing toppers.

The college magazine exemplifies the voyage to transverse and exhibits the literary skills of our students. The students have been fostered to be "humane professionals" in every act and there is no doubt that they are doing well.

Congratulation to the editorial team for their determine efforts in bringing out this magazine.

Dr. Vandana Jain



Message

“No man has the right to dictate what other men should perceive, create or produce, but all should be encouraged to reveal themselves, their perceptions and emotions, and to build confidence in the creative spirit.”

Ideas and thoughts cannot be inherited or taught. They are the offspring of the sixth sense knocking at the back door of our mind taking a little of our substance, abridging the mind and soul, finally flowing out in the form of words to awaken our creative sensitivity. Thoughts are continuously generated but instantly disappear and are replaced by something even more bizarre and inexplicable. This is because the perception changes with time. What one thinks and imagines at a certain point of time is not the same at all points of time. This in fact widens our thoughts and opens the door of creativity to replace those momentary thoughts. And Manthan is all about this creativity of students.

Alone I could do nothing but I was blessed that I had a cabinet of those friends who were always with me in every hardship.

I hope you enjoy reading about some of our varied events, celebrations and achievements of the year.



Prof. Arti Shrivastava
Chief Editor
Technocrats Institute of
Technology & Science

Prof. Arti Shrivastava

**UNBEATABLE
PLACEMENTS**



**TECHNOCRATS INSTITUTE
OF TECHNOLOGY & SCIENCE**

Editorial Board





Editorial Board

Advisory Board

Dr. Vikas Gupta
Dr. Ankit Goyal
Dr. Mayank Pathak
Dr. Imran Khan
Dr. Ranjeeta Khare
Dr. Vandana Jain

Student Editorial Board

Md. Sagir (AIML)
Khushi Agrawal (CSE)
Shubham Kumar (EX)
Rashmi Thakur (EX)

Chief Editor

Prof. Arti Shrivastava

Editor

Prof. Devkant Sen
Prof. Priyavrat Kumar
Prof. Puspendar Patel
Prof. Vaibhav Chourasiya
Prof. Anshul Jain
Prof. Isha Sharma

Vision of Institution

To develop as a centre of excellence in imparting quality education, to produce technically and ethically competent, socially responsible and innovative technocrats in the field of engineering and management to cater the demand of contemporary industrial scenario.

Mission of Institution

M.1: To create an ambience of learning for imparting quality education by delivering in depth knowledge and giving practical exposure.

M.2: To impart training on recent technologies and professional ethics to make students highly analytical and innovative technocrats.

M.3: To develop entrepreneurship ability and inculcate social ethics amongst the students by conducting outreach, co-curricular & extracurricular activities.

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Dr. Mayank Pathak
HOD-C.S. E

HOD *Message*

Department of Computer Science Engineering

The Department of Computer Science and Engineering welcomes you to be a part of the thriving computer science community and become visionaries and change makers of the future. Our distinguished faculty ensure a wide range of diverse learning experiences at both the undergraduate and postgraduate levels, with BE ranging from the fundamentals of Computer Science, Core Courses, Programming, Emerging Technologies like Big Data Analytics, Data Mining, IoT, AI, Machine Learning, Cyber Security, Block chain, Professional Ethics, Research Methodologies and Open-Source Technologies—to name just a few. Department of CSE has started its UG program BE(CSE) in the year 2007. At present the department has offering to UG programs B. TECH (CSE), B. TECH CSE (AI& ML). In addition to offering Bachelor degree, our department also offers a Master of Technology (MTech) program in Computer Science and Engineering.

We offer our students the best hands-on experience, intellectual collaboration, research prospects, social impact projects, industry linkages so that they get the best of placements and also contribute to societal growth.

We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry. Students of Computer Science and Engineering are placed with top IT companies. We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

Dr. Mayank Pathak



Vision of Department

To achieve high standard in imparting quality education in the field of Computer Science & Engineering to produce technically and ethically competent, socially responsible and innovative Computer Science & Engineering professionals.

Mission of Department

M.1: To create an academic ambience to achieve high standard of quality education by imparting in-depth conceptual domain knowledge and practical exposure.

M.2: To impart training on recent tools & technologies to make students analytical and innovative Computer Science engineers.

M.3: To inculcate research oriented skills, professional & social ethics and entrepreneurship skills amongst the students by co-curricular, extra-curricular & additional awareness activities.

Program Educational Objectives (PEOs)

PEO 1: Graduate will become an established professional in the field of Computer Science & Engineering and related fields.

PEO 2: Graduate will develop strong foundation to pursue higher studies or opting careers in research field.

PEO 3: Graduate will be established as an effective communicator & will demonstrate good ethical and leadership skills.

Program Specific Outcomes (PSOs)

PSO 1: Graduate will be able to develop computer based applications of moderate complexity in the areas of database system, IOT and machine learning.

PSO 2: Graduate will be able to apply standard software project management practices and methods to deliver quality projects.

PSO 3: Graduate will be able to analyze cost effective algorithms for real time engineering application including societal problem.



**Department of Computer Science Engineering
Batch**



Department of Computer Science Engineering

FINAL YEAR



YOGESH KU. PANDEY
9.49



SHIKHA GUPTA
9.47



VAISHALI KHOSI
9.25

THIRD YEAR



ANURAG GAUTAM
9.39



UJJAWALA SABLE
9.31



NIKITA KUMARI DUBEY
9.27

SECOND YEAR



SAMIR DUBEY
9.46



SAGAR
9.29



AMAN PRAJAPATI
9.08

FIRST YEAR



VISHAL YADAV
9.46



MANSHI RATHORE
9.38



RAJ JAISWAL
9.30



Dr. Zulfa Shaikh
HOD-AIML

HOD *Message*

Department of Artificial Intelligence & Machine Learning

The AIML Department was established with the vision and mission as innovative leaders in the fields of computer science & software engineering by their work in software development in a myriad of application areas. It provides advanced study with distinction in education, research and development in computer science & engineering to meet internationally recognized standards.

Department of AIML is committed to excellence in teaching, skilling and inculcating a sense of pride, confident and skilled computer scientists & software engineers for leadership and professional careers in advanced studies in. The objective is to empower our students with latest technical knowledge and skills by providing them with the best teaching faculty, lab facilities, excellent development environment and excellent infrastructure.

Department of AIML endeavors to provide best professional opportunities to our students. We as a team resolve to take the department to heights of success and glory and prepare for the forthcoming challenges. I welcome all the aspirants to be a part of AIML family and best wish them for bright future!.



Dr. Zulfa Shaikh



Vision of Department

To establish as an epicentre for scholarly achievement in the fields of machine learning, and artificial intelligence while offering students professional training and strong moral principles.

Mission of Department

To enhance an ability to deal with challenges in computer science and engineering by imparting knowledge of fundamental concepts and their applications through excellent classroom instruction, cooperative professional activities, and ethical actions.

Program Educational Objectives (PEOs)

PEO 1: Graduate will become into a highly esteemed professional with strong ethical values in the fields of machine learning and artificial intelligence.

PEO 2: Graduate will exhibit all technical and scientific proficiency required to work as an entrepreneur in the machine learning and artificial intelligence fields while considering social and environmental concerns into account.

PEO 3: Graduate will possess strong foundation in the field of Artificial Intelligence and Machine Learning to be applied in their future research and higher studies.

Program Specific Outcomes (PSOs)

PSOs 1: Graduates will be able to apply the knowledge of relevant mathematical principles in building applications in machine learning.

PSOs 2: Graduates will be able to employ assimilated learning and knowledge from curricular courses towards personality development and grooming as responsible citizens.

PSOs 3: Graduates will be able to deliver new solutions, using computational expertise and project development abilities.



Department of Artificial Intelligence & Machine Learning Engineering



BHUMIKA CHIMANIYA
9.56



ANUSHKA SINGH
9.32



JAY LOWANSHI
9.18



SHRUTI VISHWAKARMA
9.15



SHRISTY MISHRA
9.05



NIMESH KU. SHRIVASTAVA
8.9

SECOND YEAR

FIRST YEAR





HOW TO FOSTER THE NEXT GENERATION OF “CYBER WARRIORS”

Security is constant. It's fast-paced with a high burnout rate as India starts consuming more technology. A large part of the problem is due to the fact that the country lags behind—both in terms of quality as well as quantity in cyber security-related skilled workers. Hackers weren't slackers. The threats and the attacks kept coming in rapid fire. There is an issue of lack of availability of qualified cyber security professionals. “Cyber security is not treated with the same degree of seriousness” as educational institutions do not teach the same curriculum in school and colleges. To achieve the objective of Digital India, the country needs a robust cyber security infrastructure. It changed the perspective views of educational institutions and online educations. Now a days specialized areas like cyber security become the most popular disciplines.

It's no longer about just installing some antivirus software's. The attackers are far too complex. It's time to move beyond the foolhardy assumptions that it's not going to happen to me. As users of devices and the Internet, we're all vulnerable to risk today and need to know the basics of privacy and security. Hands-on certification programs can equip professionals with the specialized knowledge they need to pursue a career in cyber security as a security analyst, certified tester and certified ethical hacker. National cyber security competitions and cyber security workshops tied to future services and the formation of cyber security centres of academic excellence in colleges and universities also support the concerned approach to an open cyber security curriculum. A cyber security career can offer transitioning veterans a chance to meaningful employment, and shortfall the challenge to find trustworthy qualified cyber security professionals. Now we are leading to live in a digital culture full of benefits and risks which is why we need a robust legion of cyber warriors at the ready. Providing them with best hands-on training and experience will be one of the strongest lines of defense in securing our technology as well as the nation.

By: Khushi Agrawal
1st year (CS)

CYBER THREATS TO REALLY WORRY ABOUT IN 2023

The weaponization of AI

This year will see the emergence of an AI-driven arms race. Security firms and researchers have been using machine-learning models, neural networks, and other AI technologies for a while to better anticipate attacks, and to spot ones already under way. It's highly likely that hackers are adopting the same technology to strikeback. “AI unfortunately gives attackers the tools to get a much greater return on their investment,” explains Steve Grobman, chief technology officer at McAfee. An example is spear phishing, which uses carefully targeted digital messages to trick people into installing malware or sharing sensitive data. Machine-learning models can now match humans at the art of crafting convincing fake messages, and they can churn out far more of them without tiring. Hackers will take advantage of this to drive more phishing attacks. They're also likely to use AI to help design malware that's even better at fooling “sandboxes,” or security programs that try to spot rogue code before it is deployed in companies' systems.

Cyber-physical attacks

More hacks targeting electrical grids, transportation systems, and other parts of countries' critical infrastructure are going to take place in 2018. Some will be designed to cause immediate disruption, while others will involve ransomware that hijacks vital systems and threatens to wreak havoc unless owners pay swiftly to regain control of them. During the year, researchers and hackers are likely to uncover more chinks in the defenses of older planes, trains, ships, and other modes of transport that could leave them vulnerable.

By: Shruti Verma
2nd year (CS)

POEM ON INFORMATION SECURITY

It was on a starless March night,
The spear phishes went out for bite.
Through a zero day vulnerability,
They breached RSA's network security.
A Trojan attached to an email transmission,
Gave the attackers remote access permission.
Deep into the corporate systems they dove,
Collecting the Secure ID key seeds treasure trove.
The theft affected over forty million tokens,
Transparency failed and trust was broken.
A few weeks followed and on a moonless May
night,
The spear fishers returned with a renewed
appetite.
Over the internet via secure VPN and a forged key,
They breached Lockheed's defences and Pwned
'their IP.

By: **Rupa Singh**
3rd year (CS)

POEM

Cyber Crying"
Cyber crying to all nations and states
Cyber war affirmed, by hackers who hates
Cyber crying to the dark net sites
Reveal from the deep web, one who fights
Cyber crying, so who will protect
White hats are lost and they will be the next
Cyber crying, and so where's our defense
Our digital arms, they don't make no sense
Computers stop working, all people beware
The water stops running, and the black hats they
don't fear
Cyber crying, wait now it's not too late
Backup your devices at a quarter to eight
Cyber crying, say, where will you be
Ransom ware gangs coming, are you able to see
Cyber crying out to all women and men
Backup your devices at five after ten
Cyber crying, hackers forgot one thing
Mankind joins together, and knowledge is king

By: **Rajat**
2nd year (CS)

POEM

Vampires under my bed
Critical processes stopping dead
Ignoring the logs was my biggest mistake
Under my nose, data they could take
While focus on the perimeter
Nobody was watching the contractor
What do i fear the most?
The ugly demon hanging from the post
Or the monster crouched behind the rack
It's the insider of course, the one who
Stabbed me in the back.

By: **Aman Patel**
1st year (AIML)

SECURITY GOALS

Security goals: - It is of three types

- Confidentiality
- Integrity
- Availability

• Confidentiality: - It means information do not access unauthorized person. It uses in much space like- Bank, Army, and Business.
• Integrity: - If we need to change the data continuously then only authorized person are change data. Unauthorized person don't change the data.

• Availability: - It means data are providing to that person whose need it.
People prefer mainly top two types of security goals. Many organization are hidden data to the people like as- human rules, human rites. But many people do not know the availability. Due to this reason unfair with people.

• Motive of article: - Aware to the people in the field of security that why he/she lives life are good.

By: **Mohd. Sagir**
1st year (AIML)



PERSONAL SECURITY

Residential security plans also necessary to keep your valuables and belongings safe from natural and other disasters. Ensure that each floor of your home has at least one fire extinguisher and that all members of your family know how to use it. If you a security camera systems, make sure it is working properly. Periodically check your smoke detectors to ensure that they are in proper working order, and keep flashlights stored in handy locations throughout your home. Your behaviors are also an important part of a home security system. Establish safe living patterns, and vary your daily habits to avoid predictability. Get to know your neighbors, and if any unusual activity is through your neighborhood, report it immediately to law enforcement. The security of your home is especially important when you plan to be away for an extended period of time. It is important to ensure that your home is properly locked and secured when you are gone, even if you only plan to be away for a short period of time. Close and lock all of your doors, and purchase lights with timer that will turn on automatically throughout the night. Consider investing in good quality security cameras in order to properly monitor your residence while you are away, and research smart phone-controlled. When developing any personal safety program, it is more important that you properly educate your children so that they know how to keep themselves safe when you are not around at home. Children should also know how to behave in the event of emergencies. Frequently run drills with your kids about how to handle emergency situations, such as a fire, breakings and tornadoes. Surveillance of a person who has consistent routines and takes very few precautions will generally take less time that surveillance on someone that is constantly changing his schedule. Having a well-established routine will make it easier for someone to keep tabs on you. To avoid surveillance, it is important to take a few simple precautions. Vary the times that you will travel and the routes that you take. Make sure that you are familiar with the route that you are traveling, and always have alternative routes prepared. Be sure to check for surveillance and suspicious people regularly, and stay on the main streets where most locales have home security systems watching the streets.

TIPS:

- Kids and Neighborhood Safety
- Keeping your home safe
- Home door locks
- Improve home security
- Home fire safety
- Protect your home while you're away
- Social networking safety
- Emergency preparedness for kids

By: **Karina**
2nd year (AIML)

DATA STORAGE IN DNA

“DNA is much denser than modern storage Media. The data on hundreds of thousands of DVD's could fit inside a matchbox-size package of DNA. DNA is also much more durable and lasts thousands of years than today's hard drives, which may last a decade and sometimes a year. And while hard drives formats and connection standards become obsolete, DNA never will, at least as long as there's life.”

By: **Nitya Pandey**
1st year (CS)

THEMODE

Cyber a boon or worship,
is a mess of your hardship
Immense helpful,
Tragic dangerous, Almost social,
Yes introductory to, All your choice,
Of choosing,
The mode

By: **Prince Kumar**
2nd year (CS)

CYBER INFORMATION SECURITY

Cyber security is often used interchangeably with the term information security. This paper argues that, although there is a substantial overlap between cyber security and information security, these two concepts are not totally analogous. Moreover, the paper posits that cyber security goes beyond the boundaries of traditional information security to include not only the protection of information resources, but also that of other assets, including the person him/herself. In information security, reference to the human factor usually relates to the role(s) of humans in the security process. In cyber security this factor has an additional dimension, namely, the humans as potential targets of cyber attacks or even unknowingly participating in a cyber attack. This additional dimension has ethical implications for society as a whole, since the protection of certain vulnerable groups, for example children, could be seen as a societal responsibility. So, information security predates digital computers, but computer security and cyber security were born from computer science innovations that started just after World War II.

Keeping information secure for the history of data predating electronic computers to this very day falls under the banner of information security. Computer security and cyber security are completely interchangeable terms, and require digital computer technology from 1946's ENIAC to now. Computer security and cyber security are both children of information security. IT security is information security as it pertains to information technology. Information technology is a child of computer science. IT is the application of computer science for practical purposes, largely for industry and consumers. IT security can probably be used interchangeably with cyber security, computer security and information security if it pertains to business. For example, that paper shredder is an information security measure but it's not really a device for cyber security or computer security. The paper shredder can be considered a factor in IT security if a corporation's information security policy mandates its use. Ensuring proper HTTPS implementation for an e-commerce website or mobile app falls under cyber security and computer security, so it's information security, as well. And a corporation's IT department works on the e-commerce website's HTTPS implementation, so it's IT security, as well. In the 21st century, information security, cyber security, computer security, and IT security are often, but not always, interchangeable terms.

By: **Abhishek Singh**
2nd year (CS)

INJECTION ATTACK

Injection attack is a major problem in web security. In injection attack an attacks supplies untrusted input to a program which gets processed by an interpreter as a part of command or query which alters the course of execution of that program. It is the oldest and most dangerous web application attacks. They can result in data theft, data loss, loss of data integrity, denial of service. SQL injection (SQLi) and cross-site scripting (XSS) are the most commonly talked about injection attacks. With dot defender web application farewell we can avoid SQL injection attacks. A dot defender inspects our HTTP traffic & determines if our website suffers from a SQLi or other attacks and then it prevents data leaks from web applications. Effective web application security is based on three web application security i.e. 1) Pattern recognition 2) Session protection 3) Signature knowledge base

By: **Komal Singh**
1st year (CS)



Dr. Subhash Mishra
HOD-EC

HOD *Message*

Department of Electronics & Communication Engineering

Welcome to the department of Electronics & Communication Engineering at Technocrats Institute of Technology & Science, Bhopal (M.P). The Department was established in the year 2007 with the aims of providing leadership in the field of Electronics & Communication Engineering with an intake of 60 Students. We strive to train and empower our students who will make the world a better place by using power of engineering principles, techniques and systems.

The significant infrastructural design, well-equipped laboratories & hi-tech systems with high-speed internet facility with all qualified faculty members ensure world-class standard of education delivered from our department.

Electronics and communication engineering is a dynamic and exciting area that provides excellent career opportunities in various areas of technology. The department faculties are committed to teach our students the fundamental concepts and the latest trends via smart teaching and learning process. The students are also taught with critical thinking and problem-solving skills as they accommodate their future with confidence. In addition to classroom teaching, the students are guided and motivated to practically implement the principles learnt in classrooms through experimentations in the laboratories. The students can include them under different type of club like Circuit Design, Music, Arts, and Sports etc.

Department provide healthy environment to students and faculties to carry out inter department collaborative research in area like VLSI Design, internet of things, robotics, etc. Students are also given opportunities to involve in IEEE Student chapter activities. Students are provided internship facility in organizations like BSNL, ISRO, and DOORDARSHAN etc. The department conducts various workshops, expert talks and additional training programs on recent trends in Electronics and Communication Engineering in collaboration with industries for the benefit of faculty and students. The student projects are conducted in-Labs with the guidance of department faculty and industrial trainers. Having undergone such a Drone academic Programme under the supervision of highest quality faculty members, I am sure that all passing out students of the department are capable of visualizing, planning and developing big projects of commercial and research interests in their respective field of expertise. The graduates of the Electronics and Communication Stream have been selected by some of the leading software and hardware companies of the country.

Dr. Subhash Mishra

Vision of Department

To become leader in the field of Electronics and Communication Engineering by developing an ecosystem of scientific learning and grooming the personality of the students to cater the industrial and social needs through sustainable technological growth.

Mission of Department

M.1: To ensure comprehensive experimental learning by providing modern teaching learning aids and competent faculty members to meet the ever growing and changing industrial scenario.

M.2: To provide exposure of cutting edge tools and technologies with the collaborations of industry and academia

M.3: To inculcate problem solving skills, innovative and leadership qualities with professional ethics, there by enhancing employability and entrepreneurship abilities among students.

M.4: To induce the spirit of social responsibility and creative thinking among students through curricular and co-curricular activities

Program Educational Objectives (PEOs)

PEO 1: Graduate will become an established professional in the field of Electronics and Communication Engineering and related fields.

PEO 2: Graduates will demonstrate multidisciplinary approach to become an entrepreneur to meet the needs of industry, with due consideration of social and environmental issues.

PEO 3: Graduate will exhibit research aptitude and adaptability for new ideas and technologies through lifelong learning.

Program Specific Outcomes (PSOs)

PSO 01: Graduate will be able to develop solution for complex problems in the domains of Electronics, Signal Processing and related fields as per contemporary industrial needs.

PSO 02: Graduate will be able to apply the acquired technical knowledge of Electronics and Communication Engineering to provide sustainable solutions for real world problems in VLSI and embedded systems.

PSO 03: Graduates will adapt modern tools and technology to develop Electronics and Communication Engineering projects in context of societal need and environmental issues.

**Department of
Electronics & Communication Engineering Batch**





Department of Electronics & Communication Engineering



SHASHWAT GUPTA
9.42



SAURABH NAYAK
9.39



Khushi Shrivastava
9.11

FINAL YEAR



HARSH CHAURASIYA
8.33



MUSKAN PARVEEN
8.53



TANU GOUR
8.55

THIRD YEAR



Puja Dheer
9.57



Sana Raean
8.50



Aniket Gupta
8.50

SECOND YEAR



NARENDRA
9.12



DEVESH MANDRE
8.95



PRATYAKSHA KU. MISHRA
8.9

FIRST YEAR

**UNBEATABLE
PLACEMENTS**



**TECHNOCRATS INSTITUTE
OF TECHNOLOGY & SCIENCE**



UNIVERSALIZATION OF EDUCATION IN INDIA : RIGHT TO EDUCATION BILL



Education is the most powerful weapon which you can use to change the world. India's greatest wealth lies in its human resources. Universal schooling of decent quality could be the single biggest move it makes towards future prosperity education requires sustentative not first symbolic action. Merely passing laws without sustained political attention that plugs financial and administrative gaps in the school sector is going to fail. One of the problems of taking a purely legislative view is to define who will be held responsible if a child doesn't attend school.

A related problem is to set out clearly who will pick up the bill for universal education, estimated to cost Rs. 55,000 crore a year to implement. It is supposed to split between the center and states but the precise arrangement is yet to be known. The most controversial provision of the bill is to drag the private sector in by imposing an obligation on private schools to take in at least 25% of its students from disadvantaged backgrounds.

Their fees will supposedly be paid by government, a promise it's unlikely to keep. Providing free education for all should be unambiguously the government's responsibility. Countries haven't made rapid strides towards universal literacy by palming off the responsibility on the private sector that will stunt the growth of private sector rather than lead to universal literacy.

Other than RTE Act, the important measures adopted by the government of India to achieve UEE include the following -

- Restructuring of teacher training in view of the changed strategies and programmes.
- Availing of external financial support for basic education.
- Launching the National Elementary Education (NEEM).
- Launching of sarva shiksha Abhiyan.
- Addressing the more difficult aspects of access, particularly to girls, disadvantaged groups and out of school children.
- Introduction of minimum levels of learning at primary and upper primary stages to improve learner's achievement.



GOODS AND SERVICES TAX

Good and service tax(GST) is an indirect tax throughout India to replace taxes levied by the central and state government. GST bill was first discussed in Parliament in 2000 in form of VAT by the then prime minister Atal Bihari Vajpayee. After 17 years on 3rd August 2017 the GST bill was passed. It was introduced as the constitution 122 Amendment Act 2017. Before GST, there are different kind of taxes are applicable in the Good and services.



The tax rate is different in different states for the same good. Now after the GST only single tax for single nation is applicable and tax rate will be same. GST is a single tax on supply of goods and services, right from the manufacturer to the consumer. As per an analysis 1211 goods and 36 services have been so far classified under GST with four different tax slabs. petroleum products, real estate, are not part of GST yet. Petroleum products are being kept outside the scope of GST as of now, states will levy their own taxes on this sector.

GST is an indirect tax, after the GST central excise duty, service tax, additional custom duty, special additional duty of custom, vermout tax, sales tax, central tax, entertainment tax, octrio and entry tax, purchase tax, luxury tax will have gone. In GST only 3 types of taxes will be charged in whole country and the taxes are as the CGST,SGST& IGST.

- CGST stands for central Goods &service tax and charged by the central government of India.
- SGST stands for state goods and services tax and charged by the state government.
- IGST stands for integrated goods and services tax and is charged by the central government of India and tax amount is divided in same ratio between the two states.

GST is an important tool which stop the black marketing. After GST both sales and purchases transaction detail sote in the government records. Financial position of different states will be much stronger. All the unnecessary expenses will stopped after applying the GST.

The coordination between the states and centre will improve as there is no management of various taxes such as services tax, excise duty etc.

GST will bring transparency in the grass root level of the supply chain. Another benefits in the intra -state business will be cheaper.

Most businesses use accounting software or ERP (Enterprise Resource Planning) for filling tax returns which have excise, VAT and service tax already incorporated in them. The change to GST will be require them to change their ERPs too leading to increased costs of purchasing new software and training employees.

By: **Shreya Verma**
1st year (EC)



GOODS AND SERVICES TAX

Make in India is a plan launched by government of India to attract foreign MNCs to manufacture their goods in our country. This plan was launched by our prime minister MR.NARENDRA MODI on 25 September 2k14. After initiations have been done INDIA in 2k15 appeared as the top destination worldwide for FDI (foreign direct investment) surpassing USA and Republic of China as well. This was a big opportunity for every investor to setup



their business like manufacturing, textiles, automobile, IT, sports, pharmaceuticals, tourism, wellness, Railways, leather, ports, retails, chemicals etc. This programme mainly focuses on building effective infrastructure and improving the market for a digital network in the country to make it worldwide hub as well. The symbolic representation of this initiative is a giant lion with many gears. These gears actually represent strength, tenacity, wisdom and lion of course the courage of India. Successful implementation of this great plan with help-out 100 smart city projects affordable housing in India. The first main objective of

this project is to improve the employability and solid growth in the country with the help of top investors, by which both parties can harvest the mutual benefits. India has got the potential to become an electronic manufacturing hub because the demand for electronic hardware expected to raise rapidly to 400 millions dollars by 2k20.

By: **Dipanshu**
2nd year (EC)

DEAR FUTURE GENERATIONS: SORRY

Dear future generations, I think I speak for the rest of us when I say sorry. Sorry we left you with our mess on planet. Sorry that we were too caught in our own doings to do something. Sorry we listened to the capitalists who put money above nature. We never realized how special our mother earth was until all its natural resources perished up. I'm guessing you know about amazon rainforest full of lush green trees serving a rich biodiversity. There are billion of trees there. oops sorry I forgot there were once now it's a barren land serving commercial purpose. Let me tell you something about trees which I guess could be alien to you. They serve us sources of food, purify air, provide shelter, have high medicinal value but it feels sad and regretful at the same time that we could not preserve them. We are sorry because we put profit above human health, greed above need and utilized the natural resources like our credit card with no spending limit. We killed animals for their skin till they got extinct. We polluted the oceans with toxic effluents till you couldn't swim. We ignored the melting ice in the arctic till it ended up in tsunamis. We measured the human development but ignored the destruction we'd done to the nature. Our callous attitude towards nature created endless tragedies without any remedies and now that we even don't have another planet to move on. We refused to accept the human errors and choose let it go and as correctly said an error does not become a mistake until we choose to correct it. Dear present generation I want you to put nature above all. Let us all realize that earth is our only home and it's our duty to preserve it. To betray nature is to betray ourselves. To save nature to save humanity because without it whatever we are fighting for be it racism intolerance poverty, feminism all will be pointless as we would all be extinct. So let's all do our bit in every way possible in our respective surroundings to enhance its aesthetics and leave a better mother nature for our future generations and not be in a state of sorry as sorry can do nothing.

By: **Pawan Kori**
1st year (EC)

HANUMAN -THE PERFECT ADORER

Hanuman the superhero of the Ramayan is a perfect master of his senses and Brahmachari. Tulsidas's Ramcharitmanas is renowned for its superb sentiment of devotion. It's syntactical form is of rhyming couplets called दोहा, चौपाई, छंद and सोरठा. The seven sections of Ramcharitmanas witnesses the devotion of Hanuman towards his lord Rama.

Hanuman whose name means 'hurt chin' or 'large jawed' received his name when, as a child he jumped to catch the sun and was stopped by Indra's thunderbolt hitting his chin. Symbolically, Hanuman also suggest one who has subjugated the ego, for where there is the ego, God is far away.

According to Hanuman चालीसा, Hanuman possesses the ability to bestow the अष्टसिद्ध -eight supernatural powers and नवनिधि -nine types of wealth.

"You can grant to any one the eight yogic siddhis and nine nidhis;these have been conferred upon you by mother janaki. You possess the RAMA-RASAYANA (essence of Rama), you will always remain Rajgupati's dedicated servant ".

Eight siddhis are :-

- Anima -reducing one's body to the size of an ATOM.
- Laghima -becoming weightless.
- Mahima -expanding one's body to an immense size.
- Garima -becoming extremely heavy.
- Prapti -having unrestricted access to all places.
- Prakamya -realizing whatever one desire.
- Ishitva -possessing absolute lordship.
- Vashitva -the power to subjugate nature.

The nine nidhis are:-

- Prakya pravesh -ability to enter into another body, even a DEAD ONE.
- Hadi vidya -being immune to hunger or thirst for long time.
- Kadi vidya -being unaffected of heat or cold.
- Vayu gamana siddhi -capacity to swiftly travel through the air.
- Madalsa vidhya -ability to alter body size.
- Kanakandhara siddhi -to attain enormous riches.
- Prakya sadhna -directing soul to wombs, even to barren women.
- Surya vijnana -transformation of one substance into another through medium of sunrays.
- Mrityusanjivani vidya -bringing a dead person to live.

It is necessary to ponder on the confluence of ethical aesthetics and aesthetical ethics in the real sense of their terms. Hanuman obtained these siddhis and nidhis from the sita, who is centred in Rama, and Hanuman also possess the RAMA-RASAYANA. Rama is the source of the world and sita is part of him. Everything in the world seen and unseen is made up of RAMA and SITA.

It's a divine world! Sri Ramakrishna says "I see Rama in all things. You all are sitting here, but I see Rama in every one of you. "

This is the real beauty of world and Hanuman had obtained this beauty

JAI SHREE RAM!



By: **Rahul**
3rd year (EC)



Dr. Ranjeeta Khare
HOD-EX

HOD *Message*

**Department of
Electrical and Electronics Engineering**

Since the evolution of mankind, the need of energy is increasing till date and will keep on escalating till its extinction. The drama of renaissance on this blue planet which has been occurring is all because of this cosmic energy. This necessitates the subsistence of the 'power packed persons' accredited as "Electrical Engineers". This technical militia is being provided by Electrical and Electronics Engineering stream.

Learning is a continuous process and does not end with the acquisition of a degree. Therefore, students are given a strong foundation related to electrical technology, problem solving techniques and are made adaptable to change. The department seeks to combine excellence in education and research with skill to survive in the industry. The department has conducted conferences, shortterm courses, symposium, in which delegates from all over the nation presented their technical papers on different emerging topics. Department arranges Industrial visits for the students to bridge the gap between the curriculum and industrial requirement. Our students have been selected in different National and Multi National Companies and have qualified different higher educational Program like GATE, CAT.

Dr. Ranjeeta Khare

Vision of Department

To impart core and multidisciplinary knowledge and develop skills through innovative teaching learning Practices and inculcate professional ethics amongst the students of Electrical and Electronics Engineering Department.

Mission of Department

M1: To aspires technical environment of learning through quality teaching, practical skills and field work to groom the graduating engineers for industry, research and higher education.

M2: To provide environment for multidisciplinary learning skills through collaborative and professional activities.

M3: To inculcate ethical and moral values by providing congenial environment.

Program Educational Objectives (PEOs)

PEO1: Graduates will become renowned professionals in the field of Electrical and Electronics Engineering and relevant fields with good ethical values.

PEO2: Graduates will exhibit essential engineering and scientific capability to become an entrepreneur in the field of Electrical and Electronics Engineering and similar fields taking into account the contemporary social and environmental issues.

PEO3: Graduates will possess in depth knowledge in the field of Electrical and Electronics Engineering to pursue research and their higher studies.

Program Specific Outcomes (PSOs)

PSO1: Graduates will be able to analyze power system using electrical machines, power electronics, instrumentation and control systems.

PSO2: Graduates will be able to apply appropriate techniques and modern engineering hardware and software tools in the field of power systems and power electronics.

PSO3: Graduates will be able to adapt technological advancements in electrical & electronics engineering and analyze its impact on societal and environmental context.

**Department of
Electrical and Electronics Engineering Batch**





**Department of
Electrical and Electronics Engineering**



APURVDEBNATH
9.28



ADITI THAKUR
9.12



LALIT KUMAR
9.04

FINAL YEAR



NAVEEN KUMAR
9.19



GYAN PRAKASH
9.14



ABHISHEK SINGH
9.19

THIRD YEAR



GAURAV PATEL
9.23



MANISHA KUMARI
9.12



JUBIN THOMAS
9.01

SECOND YEAR



SATYAM PANCHESHWAR
8.50



ANSHUL POOSAM
8.45



ARVIND SONDHIYA
8.24

FIRST YEAR

UNBEATABLE PLACEMENTS



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE



SYNTHESIS OF ORAL ANTI-DIABETIC DRUGS

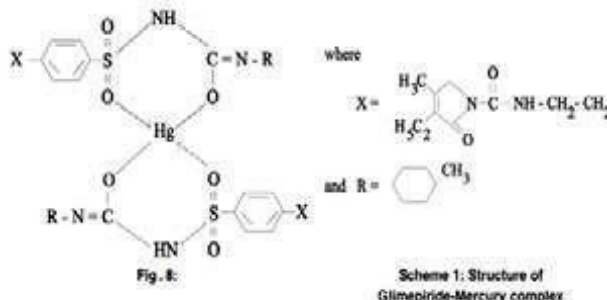
Glimepiride is a current, potent hypoglycaemic agent in NIDDM.

(Non- insulin dependent diabetics mellitus)

Metal complex of glimepiride has been synthesised by reaction with mercury (2) in the form of its chloride.

The conductometric titration using mono variation method indicates that complex is non- ionic ML₂ type which was further confined by Job's method of continuous variation as modified by Turner and Anderson.

Analytical data agrees with the molecular formula (C₂₄H₃₄N₄O₅)₂ Hg structure of the complex was assigned as tetrahedral in which legend molecules lies horizontally joining to the central mercury atom. Infrared spectrum and molar conductance data confirms the co ordination of



sulphony oxygen on one side and oxalic oxygen attached from other side with the metal ion.

Structure assigned to the complex is supported by analytical data and IR and NMR spectral data.

Inorganic chemistry and the use of metals in the therapeutic drugs have become increasingly important over the last couple of decades resulting enough variety

of exciting and valuable drugs such as cis- platen for cancer.

Recently metals in medicine has been recognised internationally as in important area for research.

By: **Shubham Kumar**
3rd year (EX)

SUICIDE....



All dark and stuffed
Beholded me ‘

which I never saw in my wildest dreams.

Watching a face in a rounded rope
a hanging me and a wounded soul...

How more atrocious can I be
than this..

watching my dear ones
all choaked and bleaked
My witchy soul is wailing again
not for me but for them.
Aberrations everywhere..
Me not available for them
They not available for me.

Feeling profigated, for my parents dreams,
colors all faded, which can never be revived.

Its late to realize now ,that life is precious,
with precious people and priceless memories.

By: **Rashmi Thakur**
3rd year (EX)

LIFE CALLED JOURNEY



Life is a pretty long journey where we travel from place to place every moment. We meet people from various places at various phases. Some become our friends; some become a part of us, some whom we cannot live without. The first person we meet and the best friends in our life are our parents. They are the reason why we are here today reading this little piece of article I have written here. They have been our true best friends all throughout our life. They are there to guide us, teach us and support us throughout our life until we step into the next phase of our journey and that is our first school. New people! New faces! We do not like to be left there! We cry! We shed tears! We catch our mum's hand tight, and just do not want to leave her hand and stay back in the world of strangers... Slowly we begin to know the strangers, start to like them. Then we do not bother being left behind in the strange place by our mum, because we know she will come back to pick us up in the later part of the day.

Thus goes the journey where we learn a lot of

things, play some mischief, Have fun, make friends, get punishments, And learn, Meanwhile slowly we start liking someone truly, but we are not able to express that love to that special person. And there comes a new twist, the twist none other than we finish school and get into a whole new place a new destination where we meet new people, it is the time we tend to forget our true and our 1st best friends.... we hang out with new people, new places, new friends group, find a new love.. And those days just pass by... and the final twist in our student

life! Yes that's when we get into our professional course. We start getting independent. Go out partying and having lots of fun... Seeing our friends getting committed and becoming single again... we ask for a treat for everything in life... plan a friend's birthday, and there are the special moments in life where the moment is so memorable for the rest of the life.

In this journey we meet so many people, lose some of them, some forget us and we forget some and one fine day everyone loses us, „a special character, a special you in their life, some mourn, some cry and you lay still unable to wipe their tears, not even to tell a goodbye..

This is life, what seems like a journey with all the stations and stops and finally a destiny, where every soul on this earth is destined to travel, a place where we disappear forever...just forever....

By: **Pawan Singh**
3rd year (EX)

SPIT NO MORE!

How many times have you wrinkled your nose at someone who spits out from a moving vehicle? Or even got into the train compartment or walked into a government office to see paan stains on the walls and stairways? Spitting in India on roads or public places is perhaps the ugliest thing I have ever seen. How many of you would want a ban on it in India?

Do you spit in your house? No. Then why will you spit on the road and make it dirty? Spitting leads to the breeding of bacteria which is alive for 24 hours. It is not a civilized thing to do. It can cause infections and serious ailments. Spitting in public is a habit which needs to change.”

This inconsiderate feeling towards public places is something which should be stopped from oneself, you should act locally. General physician Dr Nikhil Biswas, says, “Spitting on the road or in public places can be dangerous as others who come in contact with it can derive bacterial infections.

I would like to appreciate Maharashtra’s new



rule against spitting, The new law states that if ‘you caught spitting in public, you have to either clean that whole place or spend 6 months in jail’. This was brought by Maharashtra Health Minister Deepak Sawant on 19th March 2015.

Maharashtra is the first state in the country to come up with an anti-spitting law, once it is cleared by the Assembly. The ministry has put forward pointers where the offender will have to do community service in a government hospital or office and will be required to take up sweeping for a day or more. Designated officers will be appointed in every establishment to make sure that this practice is followed and monitored. The ministry also has plans to install CCTV cameras to nab people who spit in public places, only banning it won’t help the problem. We have to change, and most importantly increase the literacy rate of India which make our future generations more aware of these important issues.

By: **Mohd. Arif Raza**
2nd year (EX)

SOME GIRLS ARE SONS OF THE FAMILY

The girl I know told me, it feels great to be a part of a family where your presence is inevitable, where smiles are the output of your labor. It feels satisfied to work day and night for the sake of the satisfaction you see on their faces. It feels blessed to see them waiting for you at the doorstep. Whenever they confront any kind of tough situation they know you will combat it. It is not that they are dependent on you; it is just that you are the source of their heart beat. It is the real and unconditional love that makes them insecure at times. With a heavy heart, they let you go anywhere you are supposed to, but at the depth

of their hearts, there is some kind of disturbance that nags them. This concern is showcased in form of their dismay and anger. Your character is the crown they put on when they face the society. No other relation can replace their beauty of such bonds. so let us not focus on girls and boys competing for better name. Even if a girl wishes and develops potential she can take care of your parents and everybody who matters to her. This is from heart of a son who was just born a girl. The girl I knew told me.

By: **Neelesh Vishwakarma**
2nd year (EX)

PREVIOUS PAVEMENT

Pervious concrete pavement is a unique and effective means to address important environmental issues and support green, sustainable growth. By capturing stormwater and allowing it to seep into the ground, porous concrete is instrumental in recharging groundwater, reducing stormwater runoff, and meeting U.S. Environmental Protection Agency (EPA) stormwater regulations. In fact, the use of pervious concrete is among the Best Management Practices (BMPs) recommended by the EPA—and by other agencies and geotechnical engineers across the country—for the management of stormwater runoff on a regional and local basis. This pavement technology creates more efficient land use by eliminating the need for retention ponds, swales, and other stormwater management devices. In doing so, pervious concrete has the ability to lower overall project costs on a first-cost basis.

In pervious concrete, carefully controlled amounts of water and cementitious materials are used to create a paste that forms a thick coating around

aggregate particles. A pervious concrete mixture contains little or no sand, creating a substantial void content. Using sufficient paste to coat and bind the aggregate particles together creates a system of highly permeable, interconnected voids that drains quickly. Typically, between 15% and 25% voids are achieved in the hardened concrete, and flow rates for water through pervious concrete are typically around 480 in./hr (0.34 cm/s, which is 5 gal/ft²/min or 200 L/m²/min), although they can be much higher. Both the low mortar content and high porosity also reduce strength compared to conventional concrete mixtures, but sufficient strength for many applications is readily achieved. While pervious concrete can be used for a surprising number of applications, its primary use is in pavement. This site focuses on the pavement applications of the material, which also has been referred to as porous concrete, permeable concrete, no-fines concrete, gap-graded concrete, and enhanced-porosity concrete.

By: **Sachin Patel**
2nd year (EX)

WOMEN ENFRANCHISEMENT

“Swami Vivekananda once remarked that the world can only welfare if the condition of women in it is improved. It is impossible for a bird to fly on a single wing, but through centuries the societies of world have been trying to fly only on single wing denying the women their rightful place.”

Women Empowerment, we used to hear it most of the times. We write, we listen, and we deliver speeches on this. We also take part in campaigns, but we should ask ourselves that what the ‘Real Empowerment is ? Did women around us are empowered? Did they get what they deserve? Did we consider man and women equal, do we accept change? It is a big question which one should ask to themselves that whether we know the real women empowerment or we know what newspapers, leaders says in their speeches, or

we get it from protests for rights, or from blogs, campaigning etc. I thought what we see is not the same in real all the times. On one side we are talking about empowering women and on the other we behave narrow minded. We use to judge women on the basis of what they wear; we say that a rape victim is responsible for what she has gone through. A girl coming back to home at any time gets harassed. Eve teasing, stalking, trolling these kind of things, seriously? Still many families want a son not ‘daughter’. Crimes like dowry, child marriage, killing female foeticide is still there. Apart from that trolling a girl on social networking sites, fake profiles, uploading pictures and doing unacceptable things! And after that we give lectures on this.

By: **Mohd Gulam Rabbani**
1st year (EX)



Prof. Md Imran Khan
HOD

HOD *Message*

**Department of
Civil Engineering**

Our mission is to educate individuals to become the leaders of the profession. Our undergraduate program showcases several disciplines within civil engineering and provides our students with a sound and broad education that prepares them for professional practice.

The program emphasizes interdisciplinary team work, communication skills, tools and skills for professional practice, and lifelong learning. We strive to ensure that our graduates understand professional ethics and the value of service to their profession and society through involvement in community, state, and national organizations. We offer a distinguished program of graduate study and creative research in selected areas of civil like highways, transportation, Hydraulics structures and environmental engineering.

Prof. Md Imran Khan

Vision of Department

To develop professionally competent Civil Engineers with a focus on innovative approaches to cater the need of the society with ethical values.

Mission of Department

M1: To provide quality education in the field of civil engineering with exposure to emerging technology.

M2: To provide awareness of modern tools and advance techniques to cater the dynamic and challenging environment.

M3: To promote innovative and original thinking in the of budding engineers to face the challenges of the future with relevance to entrepreneurship.

Program Educational Objectives (PEOs)

PEO 01: Graduates will become an established skilled Civil Engineer with sound ethical values.

PEO 02: Graduates will demonstrate all necessary scientific and engineering proficiency to become excellent Civil Engineer considering social, ethical, and environmental issues.

PEO 03: Graduates will exhibit strong leadership quality, eagerness for lifelong continuous learning to adopt themselves in higher studies and relevant research.

Program Specific Outcomes (PSOs)

PSO 01: Graduates will be able to apply domain knowledge of Civil Engineering for analyzing and designing projects in the field of Structure, Transportation, Environmental, Hydraulics, and Irrigation Engineering.

PSO 02: Graduates will design and develop Civil Engineering projects concerning environment, ecology, energy conservation and sustainable materials with acquired safety.

PSO 03: Graduates will be able to analysis, plan and execute Civil Engineering projects applying relevant codes of practice for construction materials and techniques.

**Department of
Civil Engineering Batch**

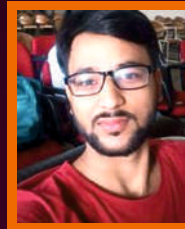




Department of Civil Engineering



LALIT KUMAR VISHWAKARMA
8.8



AMAN KUMAR
8.68



PRINCE KUMAR SINGH
8.64

FINAL YEAR



ABHINAY KUMAR
9.15



ABHISHEK RAGHUWANSHI
8.73



RANJANA JAISWAL
8.57

THIRD YEAR



SAMAY JAIN
9.02



RAJU KUMAR MAURYA
8.9



ALOK KUMAR DUBEY
8.81

SECOND YEAR



PAWAN KUSHWAHA
8.62



AJEET KUMAR MAURYA
9.50



Manish
9.01

FIRST YEAR

UNBEATABLE PLACEMENTS



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE



SMART INDIA-FASTRACKING INDIA'S GROWTH



The fastrack development of India has been one of the highlights of recent decades, making rapid strides in all the sectors such as infrastructure, technology, education and industries etc. But still the development story of India has loopholes in it. It is often castigated by the fact that the resultant of development has upgraded the lifestyle and qualitative standard of very less people. The dividend of this development appears to be disguised. That is where the concept of “SMART INDIA ” arises.

In its essence “SMART INDIA” can be described as the development of India in broadest terms incorporating all the sectors of economy i.e. agriculture, industries, service sectors balanced by equal growth without overlapping each other. It must envisage the concept of sustainable development environmental concerns, sustainable town planning, inculcation of quality health care system. It should propogate the vision of quality technical education and also canvassing and upgrading the primary and secondary education. The production of industries, power sectors and job creation are just certain derivatives of it.

It needs to be acknowledged that the govt. of India has launched some grand initiatives like “smart city” , village adoption programmes,(MPLADs), skill India, swacch bharat abhiyaan among many others. the concept of “RURBAN”(an amalgam of rural and urban India –by late A.P.J.kalam) was a prelude to the idea of smart India. The basic necessity such as education, health care,

sanitation, inclusive growth etc. are prerequisite of smart India.

While the challenge of making India smart is humongous and can be exhausting, with right expertise, technical skills, quality education and optimum utilization of resources, the goal of smart India is certainly achievable.

Prince Kumar
CE Department

SMART INDIA-IDEAL GROWTH INITIATIVE

The unbalanced and unplanned growth of india has culminated into a widened rift between the rural and urban india, with urban india under a lot of migration environmental and economic distress. The concept of smart india is in direct link with smart city planning that will meet the demands of a growing population. Providing access to healthcare and drinking water, a reliable power supply and public transportation are some of the key elements for sustainable urban development.

India is booming and sustainable development becomes increasingly more important: According to a United Nations report, India's population currently encompasses about 1.2 billion people and is expected to grow by another 300 million within the next couple of decades. With cities generating two-thirds of the country's economic output, an increasing number of Indians are leaving rural areas to seek employment in cities, relying on an efficient urban infrastructure. By 2030 it is predicted that 68 Indian cities will each have more than one million inhabitants, and six megacities, more than ten million each. The rapid growth of cities causes a large number of challenges, including insufficient power supply, unreliable public transportation systems and limited access to adequate medical treatment.

By: **Sumit**
1st year (CE)

SMART INDIA

According to our prime minister “Sri Narendra modi ji “ good governance is putting people at the centre of the development process.

In a step to make India smart, he says that there should be development globally ,economically and technologically.

Smart India means to improve the management and transforming the urban areas. The major technological ,economic and environmental changes to equip the country with basic infrastructure to give a decent quality of life and clean and livable environment to life smarter.

The first question arises , what is meant by smart India. the answer is ,there is no universally accepted definition of smart country. it means different things to different people.

The conceptualization of smart country therefore varies from city to city and country to country depending upon level of developement , willingness to change and reform, resources and aspiration of the country residents.

To provide for the aspiration and heads of citizens , urban planners ideally aim at developing entire urban ecosystem which is represented by the four pillars of comprehensive development – institutional ,physical & social and economic infrastructure. This can be a long term goal and cities can work towards developing such comprehensive infrastructure incrementally adding on layers of smartness.

In approach of smart India the objective is to promote cities that provide core infrastructure and give a decent quality of life to citizens , clean and sustainable environment.

Smart India will be a truth when there will be the use of technology ,information and data to improve and create employment and enhance income for all ,especially for the poor.

Thank you

By: **Prashant**
2nd year (CE)

EMI

If you've been wondering that the EMI you are paying for your home loan was massive, think again. These days, residents of some of Mumbai and Gurgaon's premium apartments are paying astronomical amounts just as maintenance fee for the all the facilities that are thrown in with their apartments. Maintenance charges at The Imperial, a residential building at Tardeo in south Mumbai, for instance, is as high as Rs 1.5 lakh a month for a 10,000 sq ft apartment. This isn't an exception, but more of a norm, given the number of luxury projects that have sprung up in the recent years. At Lodha Bellissimo, one of the early 'by-invitation' projects in central Mumbai, maintenance charges are Rs 13 per sq ft a month that pushes the highest charges for a 5,000 sq ft duplex here to over Rs 65,000. The 48-storey, 3-wing complex has a concierge service, club house, sky garden on every fourth floor and 18,000 sq mt of open landscaped area. Most property brokers who are marketing various luxury projects are already telling buyers that maintenance charges for new luxury apartments worth more than Rs 7-8 crore coming up in south and central Mumbai could easily be around Rs 50,000 a month. Other buildings in Gurgaon — DLF Pinnacle, DLF Magnolia, DLF Laburnum, Parsvnath Exotica, Vipul Belmonte, Unitech Heritage City, Unitech's Uniworld City — charge between Rs 2-4 per sq ft. For a large 5,000 sq ft apartment, this would mean anywhere between Rs 15,000 and Rs 20,000 per sq ft. But in this Delhi suburb, where power cuts are a regularity, what also adds to the overall maintenance charge is the cost of running diesel power backups for which charges range from Rs 14-16 per unit, compared to power charges of Rs 4-5 per unit.

Many of these high-end societies are maintained by facilities management divisions of international property consultants like Cushman & Wakefield, Jones Lang LaSalle India, CBRE South Asia and Knight Frank as well as local firms like Vipul Facility Management.

By: **Pawan Kushwah**
1st year (CE)

POTATO EGGS AND COFFEE BEANS

Once upon a time a daughter complained to her father that her life was miserable and that she didn't know how she was going to make it. She was tired of fighting and struggling all the time. It seemed just as one problem was solved, another one soon followed.

Her father, a chef, took her to the kitchen. He filled three pots with water and placed each on a high fire. Once the three pots began to boil, he placed potatoes in one pot, eggs in the second pot, and ground

coffee beans in the third pot.

He then let them sit and boil, without saying a word to his daughter. The daughter, moaned and impatiently waited, wondering what he was doing.

After twenty minutes he turned off the burners. He took the potatoes out of the pot and placed them in a bowl. He pulled the eggs out and placed them in a bowl.

He then ladled the coffee out and placed it in a cup. Turning to her he asked. "Daughter, what do you see?"

"Potatoes, eggs, and coffee," she hastily replied.

"Look closer," he said, "and touch the potatoes." She did and noted that they were soft.

He then asked her to take an egg and break it. After pulling off the shell, she observed the hard-boiled egg. Finally, he asked her to sip the coffee. Its rich aroma brought a smile to her face.

"Father, what does this mean?" she asked.

He then explained that the potatoes, the eggs and coffee beans had each faced the same adversity— the boiling water.

However, each one reacted differently.

The potato went in strong, hard, and unrelenting, but in boiling water, it became soft and weak.

The egg was fragile, with the thin outer shell protecting its liquid interior until it was put in the boiling water. Then the inside of the egg became hard. However, the ground coffee beans were unique. After they were exposed to the boiling water, they changed the water and created something new.

"Which are you," he asked his daughter. "When adversity knocks on your door, how do you respond? Are you a potato, an egg, or a coffee bean? "

Moral:

In life, things happen around us, things happen to us, but the only thing that truly matters is what happens within us.



START UP INDIA



Start Up India” is the beginning of big bang start up boom in India. This is a revolutionary scheme that has been started to help the people who wish to start their own business. These people have ideas and capability, so the government will give them support to make sure they can implement their ideas and grow. Success of these scheme will eventually make India, a better economy and a strong nation.

The much awaited unveiling of #StartupIndia by Prime Minister Mr Narendra Modi, has brought lots of positivity among the entrepreneurs in India. We are elated by the fact that India has the third largest number of start-ups globally. This is the most effective campaign which will create more job opportunities to the Indian youths. PM said that there is no growth in the country without innovations and new opportunities for the youths. The complete action plan for this campaign has also been launched on 16th January by the government on the same date of its launching. This initiative has been planned to bring positive changes according to the need of development in the country. It will help our country to show the talents of youths through their innovative businesses all across the world.

There is facility of incentives for manufacturing

units to generate more jobs. Such initiatives are warmly welcomed as they are very necessary to enhance the economic growth, betterment of people's lives and making India a developed country. Startup means youths of the country, who have ability to stand up India however need some help by the government. Highly skilled and multi talented youths of the country will be completely benefitted through this campaign and able to generate new jobs. This campaign is the result of commitment of the Modi government to make India a developed country by 2022 with the availability of house, electricity, job and other basic need to all.

This initiative is the necessity to lead India in right direction. The most important point about this campaign is that it involves youths of the country as start-ups as they have fresh mind, innovative ideas, required strength, energy, skill and new thinking to lead business. Youths are the energetic and highly skilled section of the society so they are better target for this campaign.

SOME MOTIVATIONAL THOUGHTS

1. The best way to prepare for a lovely moment is to enjoy it
2. Smile in the mirror do that every morning and you'll start to see a big difference in your life
3. Growth is the only evidence of life
4. We are not makers of history we are made by history
5. Always be yourself express yourself have faith in yourself do not go out and look for a successful personality and duplicate it
6. Success is simple do what's right, the right way at the right time
7. Success is nothing more than a few simple disciplines practiced every day

By: **Sulekha**
1st year (CE)



Prof. Ankit Goyal
HOD-ME

HOD *Message*

**Department of
Mechanical Engineering**

“Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success”.

Swami Vivekananda

The above quote by Swami Vivekananda best describes the strategy and practices that the Department of Mechanical Engineering follows to be a preferred destination for students, researchers, faculties and other stakeholders. Accordingly, our main objective is on providing the quality technical education, nurturing innovative and creative thinking and promoting research initiatives for the sustainable development. The department also focuses on the holistic development of budding technocrats in tune with the emerging requirements of the industry, research institutions and other employers.

The approach of the department is to make the learning process for the students interesting and participative with experiential learning and strong emphasis on practical education, and exposure to real time scenarios through strong industry interface. The department is provided with sufficient resources to meet these objectives. In addition to competent, well qualified and experienced faculty, the labs in the department are well equipped, maintained and regularly modernized with latest equipment and industry/research relevant softwares. Active participation in project work by students is highly encouraged. The faculty is motivated to update/upgrade their knowledge base through regular faculty development programs and research initiatives.

Department is determined to produce distinguished technocrats. I have a strong belief that by the invaluable efforts of the various stakeholders of the department we will be able to achieve its goal.

With best wishes!

Prof. Ankit Goyal

Vision of Department

To develop technically skilled, research oriented ethical mechanical engineers with leadership and entrepreneurial skills to contribute to the sustainable development in their field.

Mission of Department

M1: To impart in depth domain knowledge through quality teaching-learning process and practical exposure.

M2: To impart training on recent technologies & provide the opportunities to the students for finding innovative solutions of existing problems.

M3: To develop entrepreneurship abilities and ethics among the students through conducting outreach, co curricular & extracurricular activities.

Program Educational Objectives (PEOs)

PEO 1: Students will become established professional in their respective fields of mechanical engineering.

PEO 2: Students will demonstrate high learning spirit towards pursuing higher studies and solving issues of industries.

PEO 3: Students will become successful entrepreneur in his chosen area in the field of Mechanical Engineering considering socio-economic needs.

Program Specific Outcomes (PSOs)

PSO 1: Graduates will be able to apply concepts of mechanical engineering for design and manufacturing of products.

PSO 2: Graduates will be able to adapt domain knowledge for solution of thermal power and automotive sectors.

PSO 3: Graduates will be able to pursue higher studies or work in his chosen area in the field of Mechanical Engineering as professional or entrepreneur.

**Department of
Mechanical Engineering**





Department of Mechanical Engineering



APOORVA SHUKLA
9.51



ANKESH KUMAR
9.2



MOHIT DWIVEDI
9.1

FINAL YEAR



PRADEEP K. KUSHWAHA
8.02



MAYA BHAGAT
7.91



SHUBHAM ASATI
7.89

THIRD YEAR



ARJUN CHOUHAN
9.38

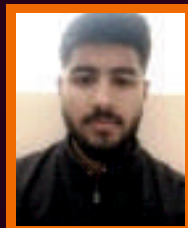


VISHAL BHADRE
8.91



MANEESH NAGWANSHI
8.69

SECOND YEAR



PRASHANT SHUKLA
9.06



SWAYAM SINGH
9.04



UDDESHYA SINGH
8.88

FIRST YEAR

UNBEATABLE PLACEMENTS



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE



SMART INDIANS IN THERE OWN WAY.....

Idée fixe of smart India from the last two decades is gently booming up. However the ease of

transported from the depot to the fill station increases .According to Bureau of Indian

Standards, density of gasoline is 741 kg/m^3 at 15°C .

The important point here is that for each degree increase in temperature will result in increase in volume of petrol of 1.2 Litres per 1000 Litres . Hence in case there is temperature of 20°C while filling up a 12000 Litres tanker and after it reaches petrol pump and the temperature at petrol pump is 25°C the tanker would have extra 72 Litres of petrol in it.

Every time the tanker leaves the depot the invoice it carries states the density that was at the time of its filling the tanker. Here comes the mafia, the driver already knows what density of petrol he is carrying.

The mafia takes out petrol and adds other mixtures like pentane, hexane etc. so that the density level is maintained.

Octane (petrol) and cetane (diesel) ratings describe the way a fuel burns inside an engine. Broadly speaking, a higher rating means a fuel will burn more efficiently and effectively inside the engine. This may improve performance and/or economy. Better steps and technologies be practiced to avoid the variation in density such that consumer should get what he pays for. Hence it is advisable to get your vehicle filled up in night and not during noon of a sunny day.

money earning by some bold and uncaring ordinary smart Indians is affecting the livelihood of common man . As a result of 3 day survey report which was done by the author it was really hard to believe the fact that every gas fill station especially for Petrol (gasoline) and diesel there is always fluctuation in density in the entire day. Now ,as density depends directly on mass but indirectly on volume, the increase in temperature causes decrease in density which certainly increases the volume but decreases the Octane number which is the most significant factor for the fuel deciding its performance characteristic. The decrease in the octane number is compromised by adding some additives but the actual volume

By: **Uddesh Singh**
1st year (ME)

SMART URBANIZATION



The Central government's structure for 20 urban communities to wind up "savvy" over a five-year period can make new progress on the off chance that it makes insightful utilization of data innovation to convey better municipal administrations. The primary group of brilliant urban areas would make for all intents and purposes new business regions in a few urban communities, denoting a takeoff from the disaggregated urban improvement saw in the course of recent decades. This range based advancement approach makes it basic that the subsequent interest for portability to and from the "savvy" zone made a fundamental part of the arrangement, with an accentuation on workability, utilization of non-mechanized transport and access to open transport. Ahmadabad and Bhubaneswar have indicated high aspiration by settling on a typical travel card. Others, for example, Indore, Davangere and Belagavi arrangement Intelligent Transport Solutions, something that has been unattainable for even a major metro, for example, Chennai. In spite of the

fact that it appreciates high perceivability, the brilliant city project is just a system for urban advancement helped by the Center with a little starting seed asset of Rs.500 crore, while extra funds need to originate from open private associations and nearby income. State governments, including those left out of the main rundown, could open the capability of all urban communities with advancement arrangements that go for basic change. Enhanced open transport, for occasion, has a prompt positive effect on the neighborhood economy. Advances, for example, GPS to illuminate travelers progressively on their cell telephones, and basic ticketing, build the productivity of transport use. General outline out in the open structures and roads would help all individuals, incorporating those with inabilities. The test for Smart Cities 1.0 is to give evidence of idea rapidly and make results practical. Mind likewise should be produced that the results is not to make gated groups of best practices and city redesign in a more extensive scene of urban misery. It is critical that these urban enclaves oblige the lodging, wellbeing, training and amusement needs of a wide cross segment of society, and that the meeting of the Smart Cities program with existing urban restoration ventures countrywide smooth.

By: Dipanshu
3rd year (ME)

“LAST DAY OF COLLEGE”

Raah Dekhi thi ish din ki kab se
Aage ke sapne saja rakhe the naa jane kab se
bade utavle the yahaan se jaane ko



zindgi ka agla padaav paane ko
par naa jane kyon.....
dil mein aaj kuch aur aata hai
waqt ko rokne ka jee chahta hai
jin baton ko lekar rote the
aaj unpar hansa aati hai
na jaane kyon aaj un palon ki yaad bhut aati hai
kaha karte the.....
badi mushkil se char saal kaatege
par aaj kyon wo baate yaad aati he
Ab kaun raat bhar saath jag kar padega
kaun mere naye naye naam banayega
mein ab bina matlab kis se ladoonga
bina topic ke kis se faaltu baat karoonga
Beemar hone par ab kaun milne aayega
Hospital me aa kar ab kaun hashyega
Exam me fail hone par kaun dilasa dilayega
Ager galti se pass hone par kaun pitega
Canteen par ab kaun saath chaay pine aayega
Ab kaun apni friend se kaawadi Bolwaega
Wo haseen pal ab kis ke saath jiyoonga
Ab kaun meri khushi mein khush or mere gam
mein mujse jyada dukhi hoga

;;;Keh Do Doston se ye Dobaara kab hoga;;;.....

By: **Prashant Shukla**
1st year (ME)

PYARE PAPA



chhoti si ungli pakadkar
chalna unhone mujhko sikhalaya
Jeevan ke har pehlu ko
apne anubhav se bataya
har uljhan ko unhone
apna dukh samajh suljhaya
Door reh kar bhi hmesa
pyar ham par barsaaya
Ek choti si aahat se
mera saaya pehchana
meri har siskiyoon me
apni aakhoon ko bhigoya
ashirwaad unka hamesha hamne paaya
har khushi ko meri pahle unhone jana
ashmanjas ke paloon mein
apna vishwas hampe dikhaya
unke iss vishwas ko hamne
apna aatam vishwas banaya
aise pita ke pyar se bada
koi pyar na paaya
,,,,,,,,,,,,,Mere pyare PAPA,,,,,,,,,,,,,

By: **Swayam Singh**
1st year (ME)

HOSTEL LIFE

Hostel life hai badi mast
Chhutti waale din rehte hai sust
Subah 8 baje ke baad jagna
Phir college ke liye bhagna
Ghar ki yaad me wo chhup ke rona
Free lac.Me aakar room me sona
Padte to hai lekin rehta nahi yaad
Raat ko 2-3 baje ke baad sona
Mess ki wo line bhool nahi pana
Dosto ke saath mil baith kar khana
Phir mess se bahar aa kar kehna
Kya bakwaas khana bana tha
Karna wo warden ko raat ko tang
Hostel me padai or masti bhi sang
Dosto ke saath mil kar wo raat ko magi banana
Exam ki chinta me aaram se so jana
God (RGPV) ko pass kara dena keh kar exam de
aana
Galti se pass hojaane par apne aap ko topper
batana
Kya din the wo hostel ke..... **By: Govind**
1st year (ME)

O! MOM

Please let me come home!
Why you are rejecting me?
Should I not be born! What if your parents!
Thought so, what if they
Weren't accepted you? Then mom you?
O! Mom, you being a girl,
Are you afraid of hobgoblins?
Are you being agitated?
Why aren't you accepting a girl?
If you are angry from me It's okay, let it be
But don't be worry
I will love you being there in the sky
O! Mom, God also bestowed me Two hands, two
eyes, two ears Then why you are unable to bear?
Is something missing in me? That would make
you empty!

By: Ayush Gour
4th year (ME)

DAYS OF LIFE



We all have some level of shyness, some cares about it & some don't. We are living in a stage where we desperate to find any level of madness, because that's the only thing that bring down the tensions of all. Semester by semester we gain experience of something new, but the thing that didn't changes is madness we all people did together or do together. The only comfort zone is suitable for us is the circle of our friends, those are talking bullshits & we love that bullshits. The time never came back in our life, those who enjoyed it, will remain in memories & those who missed it, will see the photos only. Not for a kind, those who enjoyed those precious moments are irresponsible or something bad, we just know how we made fine everything, of course they are the real Bachelors. Once for a while we didn't knew any one in our class, but some from them are our bestest friends, that's life shows you in different ways. Everything not come for a particular reason or intension. So life gave you some of ugly friends then what you have to wait for? The time which we all have now, will not come after 1, 2 or 3 years. So when life gave you the best, then why you hesitating for showing the best, just go & break the glass of any class.

By: Avinash Sikarwar
4th year (ME)



PLASTIC ROAD TECHNOLOGY

Jambulingam Street, Chennai, is a local legend. The tar road in the bustling Nungambakkam area has weathered a major flood, several monsoons, recurring heat waves and a steady stream of cars, trucks and auto rickshaws without showing the usual signs of wear and tear. Built in 2002, it has not developed the mosaic of cracks, potholes or craters that typically make their appearance after it rains. Holding the road together is an unremarkable material: cheap, polymer glue made from shredded waste plastic.

Environmentally Jambulingam Street was one of India's first plastic roads. The conscious approach to road construction was developed in India around 15 years ago in response to the growing problem of plastic litter. As time wore on, polymer roads proved to be surprisingly durable, winning support among scientists and policymakers in India as well as neighboring countries like Bhutan. "The plastic tar roads have not developed any potholes, rutting, raveling or edge flaw, even though these roads are more than four years of age," observed an early performance report by India's Central Pollution Control Board. Today, there are more than 21,000 miles of plastic road in India, and roughly half are in the southern state of Tamil Nadu. Most are rural roads, but a small number have also been built in cities such as Chennai and Mumbai.

"This is my raw material," Vasudevan says, pointing to a small pile of bags, plastic cups and foam packaging. These materials are the dregs of the plastic world, worthless even to rag pickers who cannot recycle them. Vasudevan melts adding flexible materials to strengthen tar roads is not a new idea. Commercially made polymer-modified asphalts first became popular in the 1970s in Europe. Now, North America claims 35% of the global market. Modified asphalts are made from virgin polymers and sometimes crumb rubber (ground tires). They are highly versatile: Illinois uses them to build high-traffic truck roads, Washington State uses them for

noise reduction and in rural Ontario they are used to prevent roads from cracking after a harsh winter. Polymerized asphalts also tend not to buckle in extreme heat the way conventional roads do – plastic roads will not melt unless the temperature goes beyond 66C (150F), compared to 50.2C (122.5F) for ordinary roads – and are frequently used on roads in the Middle East.

A modified version of the road adds road scrap to plastic-coated gravel was tested out in March this year on a highway connecting Chennai with Villupuram. It was the first time plastic road technology was used for a national highway. It is expected to reduce construction costs by 50%.

Dr Vasudevan's lab contains all the raw materials he needs to shredded plastic over low heat to avoid emissions. Polystyrene is toxic when burned but, when softened; it makes an excellent pothole filler.

Last November, the Indian government announced that plastic roads would be the default method of construction for most city streets, part of a multibillion-dollar overhaul of the country's roads and highways. Urban areas with more than 500,000 people are now required to construct roads using waste plastic. The project even has the blessing of India's Prime Minister, Narendra Modi, who has made "Swachh Bharat" (which translates to "Clean India") a kind of personal crusade.

In the short run, the bigger challenge for plastic roads is execution. They require a hefty dose of government intervention to succeed. Tamil Nadu was the first state in India to actively develop a cottage industry around shredded plastic. Most plastic shredders are women who buy subsidized shredding machines and sell their finished product for a small profit. Job creation for waste pickers and small entrepreneurs is an added benefit of the roads – a point not lost on India's prime minister.

By: Rahul
1st year

CHAPTERS TO LECTURES

My teacher once remarked 'life is a one way traffic' that is there will be collisions. Of course, the truth of karma prevails in this context too. The result of your deeds will be faced by you." How you sow, so shall you reap". During childhood life is a complete gala to enjoy and cherish but at that particular instinct you have a quest to grow up and you long for a treatment that is generally given to adults. To get up early is the day's greatest issue. Getting ready in incomplete uniforms, eating lunch during the class, waiting for recess, living in threat of some strict teachers, loving your pencil box more than anything, getting scolded for chit chatting in class, going to school in color dress is a craze for which every child waits for .you never realize and suddenly there comes a time when people start calling u teenagers. It is certainly the most amazing time period where you are full of energy and want to live each moment to its fullest. Going for trips, Sleeping in leisure hours, going for window shopping, freaking out with friends, eating street food that too on contribution basis, tripling on vehicles, bunking classes, giving fake excuses to faculty, thinking and planning beyond limits to get your friend out of the college gate, planning for birthdays and what not. The final repercussion is that you get scolding by your parents out of which emotion one is most deep rooted. Not attending their calls when you are out late night is the biggest crime an Indian teenager can commit. Apart from the time you cherish during this period you also learn what life exactly is. Life is not a bed of roses ,though to many it seems to be. The most crucial role is played by the company you keep in. Afterall, "you are known by the company you keep in". In school life, you all are emotionally similar and thus there are less chance of difference in opinions. In college life, you meet people from various states, areas and completely different people than the world you belong to. There are times when you feel alienated because there are people who take irrational decisions and are always bound to swim against the flow. There are different categories of people you meet in your college life. Some of them never showcase their emotions they go with majority and keep their emotions hidden, some keep silent

because they are better judge of men and matters so they take silent refusals. There are some who know nothing but to dominate because they never listen they only present their views. Also there are many who are commanding, Once they say and the things are done. This class is usually called as politicians by some extraordinarily to whom nobody as such pays heed to. A few in the group are always happy and looking forward for some mischief or the other. Yet another type is of those who want the group to be a group always, where a single person's issue causes sadness to them too. Apart from such differences when these come together it becomes a troupe full of unity and fun. This is why it is said "Tell me who your friends are and I will tell you who you are ".

By: **Jay Singh**
1st year

SOME GIRLS ARE SONS OF THE FAMILY

The girl I know told me, it feels great to be a part of a family where your presence is inevitable, where smiles are the output of your labor. It feels satisfied to work day and night for the sake of the satisfaction you see on their faces. It feels blessed to see them waiting for you at the doorstep. Whenever they confront any kind of tough situation they know you will combat it. It is not that they are dependent on you; it is just that you are the source of their heart beat. It is the real and unconditional love that makes them insecure at times. With a heavy heart, they let you go anywhere you are supposed to, but at the depth of their hearts, there is some kind of disturbance that nags them. This concern is showcased in form of their dismay and anger. Your character is the crown they put on when they face the society. No other relation can replace their beauty of such bonds. so let us not focus on girls and boys competing for better name. Even if a girl wishes and develops potential she can take care of your parents and everybody who matters to her. This is from heart of a son who was just born a girl. The girl I knew told me.

By: **Adil Khan**
2nd year

ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI) is the intelligence of machine and the branch of computer science which aims to create it. It is the theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making and translation between languages.

Normal human have the same intellectual mechanisms and that differences in intelligence are related to “quantitative biochemical and physiological condition”, but computer programs has plenty of speed and memory but their ability correspond to the intellectual mechanisms that program designers understand well enough to put in programs. Whenever people do better than computer on some task or computer use a lot of computation, this demonstrates that the program designers lack understanding of intellectual mechanism required to do the task efficiently.

AI was coined by John McCarthy, an American computer scientist, in 1956 at The Dartmouth Conference where the discipline was born. Today, it is an umbrella term that encompasses everything from robotic process automation to actual robotics. It has gained prominence recently due, in part, to big data, or the increase in speed, size and variety of data businesses are now collecting.

Examples of AI technology

- Automation is the process of making a system or process function automatically. Robotic process automation, for example, can be programmed to perform high-volume, repeatable tasks normally performed by humans. RPA is different from IT automation in that it can adapt to changing circumstances.
- Machine vision is the sciences of making computers see. Machine vision captures and analyzes visual information using a camera, analog-to-digital conversion and digital signal processing.
- Robotics is a field of engineering focused on the design and manufacturing of robots.

Robots are often used to perform tasks that are difficult for humans to perform or perform consistently. They are used in assembly lines for car production or by NASA to move large objects in space. More recently, researchers are using machine learning to build robots that can interact in social settings.

AI applications

AI in healthcare: The biggest bets are on improving patient outcomes and reducing costs. Companies are applying machine learning to make better and faster diagnoses than humans. One of the best known healthcare technologies is IBM Watson. It understands natural language and is capable of responding to questions asked of it.

AI in education: AI can automate grading, giving educators more time. AI can assess students and adapt to their needs, helping them work at their own pace. AI tutors can provide additional support to students, ensuring they stay on track. AI could change where and how students learn, perhaps even replacing some teachers.

AI in finance: AI applied to personal finance applications, such as Mint or Turbo Tax, is upending financial institutions. Applications such as these could collect personal data and provide financial advice.

AI in law: The discovery process, shifting through of documents, in law is often overwhelming for humans. Automating this process is a better use of time and a more efficient process. Startups are also building question-and-answer computer assistants that can shift programmed-to-answer questions by examining the taxonomy and ontology associated with a database.

AI in manufacturing: This is an area that has been at the forefront of incorporating robots into the workflow. Industrial robots used to perform single tasks and were separated from human workers, but as the technology advanced that changed.

By: **Danish**
2nd year

MEDITATION

Meditation is a practice in which an individual trains the mind and induces a mode of consciousness to realize some benefit, although it can be argued that meditation is a goal in itself. The term meditation refers to a broad variety of practice (much like the term sports), which range from techniques designed to promote relaxation, contacting spiritual guides, building internal energy, receiving psychic visions, and so on, to more technical exercise targeted at developing compassion, love, patience, generosity, forgiveness and more far-reaching goal such as effortlessly sustained single pointed concentration, single pointed analysis, and an indestructible sense of well-being while engaging in any, and all of life's activities.

Meditation often involves an internal effort to self-regulate the mind in some way. It may be done sitting, or in an active way, for instance Buddhist monks involve awareness in their day-to-day activities as a form of mind-training. Prayer beads or other ritual objects are commonly used during meditation in order to keep track of or remind the practitioner about some aspects of the training. Meditation may involve generating an emotional state for the purpose of analyzing that state- such as anger, hatred, etc. Or cultivating particular mental response to various phenomena, such as compassion. The term "Meditation" can refer to state itself, as well as to practices or techniques employed to cultivate the state. In brief, there are dozen of specific style of meditation practices; the word meditation may carry different meaning in different context. Meditation has been practiced since antiquity as a component of numerous religious traditions, beliefs and Scientific studies.

Scientific Studies
Meditation has been linked to a variety of Health benefits. Oman et al.(2008) found that meditation may produce physiological benefits

by changing neurological processes. This finding was supported by an expert panel at the National Institute of Health. The practice of meditation has also been linked with various favourable outcomes that include, " effective functioning, including academic performance, concentration, perceptual sensitivity, reaction time, memory, self control, empathy, and self esteem". In the



evaluation of the effect of two meditation based program they were able to conclude that meditating had stress reducing effect and cogitation, and also increase forgiveness.

A review of scientific studies identified relaxation, concentration, an altered state of awareness, a suspension of logical thought and the maintenance of a self-observing attitude as the behavioural components of meditation, it is accompanied by a host of biochemical and physical change in the body that alter metabolism, heart rate, respiration, blood pressure and brain activation. Meditation has been used in clinical settings as a method of stress and pain reduction. Meditation has also been studied specially for its effects on stress. Despite the large number of scientific publication on meditation, it's measurable effect on brain activity is still not well understood.

By: **Satyam Kumar**
3rd year



TECHNOCRATS INSTITUTE OF TECHNOLOGY & SCIENCE

UNBEATABLE PLACEMENTS



TIT IN NEWS



भोपाल 12-05-2023

टेक्नोक्रेट्स में अचीवर्स एण्ड एनुअल-डे समारोह में हुए सांस्कृतिक कार्यक्रम

भोपाल। अपने प्यारे जीवन में व्यस्तताओं के बीच में अपने माता-पिता और गुरुजनों को आदर एवं सम्मान करना कभी नहीं भूलें। आज अर्ध जिम जगह पर खड़े हैं, वे आपके माता-पिता और गुरुजनों की बढीलत संभवा हो पाया है। उन्कट्टा कोशल में नई जट्टिकोग में होंगी है। ये बात रान्यपाल मंगुभाई पटेल ने टेक्नोक्रेट्स ग्रुप ऑफ इन्स्टीट्यूट में प्लेसमेंट अचीवर्स एण्ड एनुअल डे-2023 समारोह में संबोधित करते हुए कही। समारोह में विद्यार्थियों द्वारा सांस्कृतिक कार्यक्रम प्रस्तुत किए गए। इस मौके पर रान्यपाल ने छात्रों को सम्मानित भी किया। इस कार्यक्रम में प्राणी विकास एवं इस्मल रान्यमंजी फगन सिंह कुलरते, आरजीपीके के वाइस चांसलर डॉ. सुनील कुमार, बखतउल्लाह गुनिवर्मिटी के वाइस चांसलर डॉ. एस.के.जेन, संस्था के मुख्य संरक्षक डॉ. आर.आर. करसोलिया, एम.डी. डॉ. सुरभि करसोलिया और वाइस चेयरमैन सौरभ करसोलिया उपस्थित थे।



भोपाल सिटी भास्कर 10-05-2023

म प्रातभागवा का आखा स आसु भा नकलत आर हसा क ठहक भा लग।



निकिता के डांस नंबर पर थिरके फ्यूचर इंजीनियर्स

सिटी रिपोर्टर। नाच मेरो रानी, 'बुज खलीका', 'तेरे प्यार में', 'आओ कभी हवेली पे जैसे ड्रॉम नंबरम' को प्लेबैक सिंगर निकिता गंधी ने टेक्नोक्रेट्स इंस्टीट्यूट कैम्प में हुए कॉन्सर्ट में सुनाये। इस पर फ्यूचर्स इंजीनियर्स जमकर थिरके। बैंड में कीर्वाड पर कुशल मंगल और ड्रम पर राहुल मुरलीधर को नुगलबंदी भी हुई। यहाँ समूह के मुख्य संरक्षक डॉ. आर.आर. करसोलिया, चेयरमैन साधना करसोलिया, एम.डी डॉ. सुरभि करसोलिया, वाइस चेयरमैन और सौरभ करसोलिया भी मौजूद थे।



भोपाल 08-05-2023

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दैनिक भास्कर
17 नेशनल खेल चुर्की अंजना, अब माउंट किलिमींजारो पर फहराएंगी तिरंगा
पर्वत शिखर पर मुख्यमंत्री के साथ किया फेरोपण
अटलन वन।
बखतउल्लाह गुनिवर्मिटी के वाइस चांसलर डॉ. एस.के.जेन ने अंतरराष्ट्रीय खेल दिवस पर डिवाइज अचैव विद्यार्थियों को प्रोत्साहित किया। फिले के अंतर्गत खेल की प्रतिष्ठित प्रतियोगिता अंजना खेल और अन्य प्रतियोगिता के साथ फेरोपण किया। मुख्यमंत्री फेरोपण में माउंट शिखर उठान में बंधे, फाउंड और सशक्त इंटरक के फेरोपण। इस दौरान फेरोपणियों में केवल डेविल, सुधी भव्य डेविल, फगन सिंह, अजित कुमार, अजित चार, सौरभ कुलकर्णी, रीत, अजित कुलकर्णी, अजित विद्यार्थी ने भी फेरोपण। मुख्यमंत्री भी फेरोपण के साथ सशक्त मंग्य फेरोपण में अपने जन्मदिन पर फेरोपण किया। फाउंड के फिा सुकेट सिंह फेरोपण और खान कुशी खलीका भी साथ थे।
किया: इसके बाद माउंट एवरीस्ट मेस कैम 17598 फीट, माउंट कंचनजंघरा फेक 18192 फीट और माउंट एंगे फेक 17929 फीट पर चढ़ा चुकी है। फेरोपण के लिए 10 फेरोपणियों और 10 किमी फेरोपण की गई। नए खान पर अजित की संस्था अचैव फेरोपण फेरोपणियों को भी फेरोपण।

दैनिक भास्कर
टेक्नोक्रेट्स छात्रों के बीच पहुंची अभिनेत्री रवीना टंडन और अभिनेता अरबाज खान
भोपाल। बॉलीवुड अभिनेत्री रवीना टंडन और अभिनेता अरबाज खान टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी (टीआईटी) में छात्रों से मिलने पहुंचे। रवीना टंडन ने समूह के प्राण में आयोजित कार्यक्रम में छात्रों से कहा कि आपका जोश देखकर मुझे अपने स्टूडेंट लाइफ की याद आ गई। उन्होंने कहा कि जिस प्रकार आपका जोश देखा वह देखने लायक है। रवीना ने छात्रों को फूल देकर उत्साहवर्धन किया। वहीं, अरबाज खान ने छात्रों को शिक्षा के साथ-साथ अपने आपको सर्वांगीण विकास पर भी जोर देने की बात की।

दैनिक भास्कर
भोपाल 22-09-2022
टेक्नोक्रेट्स में एप्पल सिस्टम लैब स्थापित
भोपाल। टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी (टीआईटी) में एप्पल सिस्टम लैब का उद्घाटन केप्टेनमिनी के बरिष्ठ संवाल्कण सुनील सिंघानिया, प्रमोद कुमार, प्रोग्राम मैनेजर सौरभ नारायण निंबास एवं सीनियर मैनेजर सुशी रम्यी वापट के द्वारा किया गया। इस लैब में एप्पल कंपनी के अत्याधुनिक कंटेनर स्पेन्स स्थापित किए गए हैं जिसमें कि एप्पल की आधुनिक एम 1 चिप के साथ 8कोर प्रोसेसिंग यूनिट, जिसमें कि छात्रों को एडवांस नेटवर्किंग सिमुलेशन तथा क्लाउड टेक्नोलॉजी में कार्य करने में तथा इन टेक्नोलॉजी को सीखने में मदद मिलेगी। इस अवसर समूह अध्यक्ष साधना करसोलिया, वाइस चेयरमैन सौरभ करसोलिया एवं मैनेजर डायरेक्टर डॉ. सुरभि करसोलिया ने उपलब्धि पर बधाई दी।

दैनिक भास्कर
टेक्नोक्रेट्स ने मनाया आजादी का अमृत महोत्सव
भोपाल। टेक्नोक्रेट्स समूह ने आजादी का 75वां महोत्सव बड़े हर्षोल्लसा के साथ मनाते हुए नए विचारों का आत्मनिर्भरता का अमृत के रूप में आत्मसात किया। संस्थान के मुख्य संरक्षक डॉ. रामरज करसोलिया ने ध्वजारोहण किया। इसके बाद एनसीसी कैडेट द्वारा मार्चपास्ट किया गया, परेड का निरीक्षण संस्था की अध्यक्ष साधना करसोलिया ने किया और फिर परेड की सलामी ली। संस्थान के प्रबंधकमण एवं उपस्थित समस्त सदस्यों द्वारा तिरंगा रैली निकाली गई। रक्तदान व स्वास्थ शिविर लगाया गया।

दैनिक भास्कर
भोपाल 30-01-2023
टेक्नोक्रेट्स और IIT रुड़की के बीच MOU
भोपाल। आईआईटी रुड़की और मध्य भारत क्षेत्र के उत्कृष्ट तकनीकी संस्थान टेक्नोक्रेट्स समूह के साथ एमओयू हस्ताक्षर हुए। एमओयू के तहत दोनों संस्थान संयुक्त रूप से टेक्नोलॉजी आन्वयोरशिप, स्टार्टअप एवं इनक्यूबेशन क्षेत्र में काम करेंगे। एमओयू टेक्नोक्रेट्स समूह की ओर से डॉ. केके द्विवेदी डायरेक्टर एवं प्रोफेसर निरखल कोषल डायरेक्टर कारपोरेट ट्रेनिंग तथा आईआईटी रुड़की के सीईओ-टीआईआईएस आजम खान के बीच हुआ। आईआईटी रुड़की के टी.आई.डी.ई.एस सेल टेक्नोक्रेट्स समूह को तकनीकी, आन्वयोरशिप एवम् प्रयोगशाला स्थापित करने में मार्गदर्शन देंगे। इस अवसर पर टेक्नोक्रेट्स समूह की माननीय अध्यक्ष श्रीमती साधना करसोलिया ने हर्ष व्यक्त करते हुए कहा कि टेक्नोक्रेट्स समूह स्वयं की उपलब्धियों को पीछे छोड़ आप नए सोपान स्थापित करने हेतु कार्यरत हैं तथा भविष्य में भी करता रहेगा।

दैनिक भास्कर
टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी फार्मसी में ड्रग इन्फार्मेशन सेंटर का शुभारंभ
भोपाल। विगत दिवस फार्मसी काउंसिल ऑफ इण्डिया के प्रेसीडेंट डॉ. मोनु एम पटेल के द्वारा टेक्नोक्रेट्स इंस्टीट्यूट ऑफ टेक्नोलॉजी फार्मसी में ड्रग इन्फार्मेशन सेंटर का उद्घाटन किया गया। इस अवसर पर पीसीआई के सम्माननीय सदस्य डॉ. दीपेन्द्र सिंह, सुशील सुदान, सुशील कुमार बंसल, धर्मनंद सिंह उपस्थित थे। पीसीआई के प्रेसीडेंट डॉ. मोनु एम पटेल ने ड्रग इन्फार्मेशन सेंटर का उद्घाटन करते हुए बताया कि इस तरह का सेंटर किसी शिक्षण संस्थान में होना एक बहुत बड़ी उपलब्धि है। उन्होंने संस्था की प्रशंसा करते हुए छात्रों से कहा कि आप भाग्यशाली हैं कि ऐसे उच्च कोटि के महाविद्यालय में अध्ययनरत हैं एवं छात्रों के उच्चतर भविष्य को कामना की। संस्था के मुख्य संरक्षक डॉ. रामरज करसोलिया जी ने बताया कि इस तरह के सेंटर समय की महती आवश्यकता है।