



CSIT-Digest

mi^{et}

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CSIT- DIGEST

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Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing,
Meerut, Uttar Pradesh 250005

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Pradesh 250005

About the Program



About the Program

Computer Science and Information Technology is a broad subject which deals with technology and other aspects of managing and processing information. The umbrella of CSIT incorporates multiple technological aspects of computing. CSIT has changed the way of our life and the pace of change is very fast. This scenario is giving us new opportunities in varied domains. To continuously learn and grasp new technologies is a real challenge for CSIT professionals. Creating such professionals that take up this challenge and rise to the apex is our goal. Department also contains well qualified faculties with M.E. / M. Tech. They are technically and practically sound in various fields. The Department offers a unique combination of courses and project that helps the students to cope with the recent advancements in the computer industry and information technology. We are committed to give students an environment to nurture their talent in to its fullest potential. This is achieved by experienced faculty members, year-round conduction of numerous seminars, guest lectures, and industry academia interaction, co-curricular & extra-curricular activities.

Vision

To become a prominent department in nation which provides quality education, keeping pace with rapidly changing technologies; and to create technical graduates of global standards, who develop capabilities of accepting new challenges in the field of Computer Science and Information Technology.

Mission

- To provide quality education in the core and applied areas of Information Technology, and develop students from all socio-economic levels into globally competent professionals.
- To impart professional ethics, social responsibilities, moral values and entrepreneur skills to the students
- To invigorate students skills so that they deploy their potential in research and development, and inculcate the habit of lifelong learning.

Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar Pradesh- 250005

Program Educational Objectives

- To produce graduates who pursue careers as: CSIT engineers in the field of software and allied sectors or; advanced studies in computational and other professional fields or; entrepreneur in related or other field.
- To produce graduates who have ability to adhere with standard & latest practices, methodologies, tools and technologies and; exhibit commitment to self-learning.
- To produce graduates who are able to provide solutions of problems on pilot or real scale and; to demonstrate an ability to comprehend, analyze, design and create software, component or product and system within realistic economic, social and ethical constraints.
- To produce graduates who are capable of exhibiting effective communication in a multilingual setting and can work in multi-disciplinary team in different roles and capacities.
- To produce graduates who are ethically strong, aspire to inculcate factors of safety while designing system that facilitate environment friendly solutions with legal aspect

Program Specific Outcomes

- **PSO-1:** Ability to apply and analyses computational concepts in the areas related to algorithms, machine learning, cloud computing, web designing and web services.
- **PSO-2:** Ability to apply standard practices and methodologies in software development and project management.
- **PSO-3:** Ability to employ fundamental concepts and emerging technologies for innovative research activities, carrier opportunities & zeal for higher studies.



Director's Message



Meerut Institute of Engineering and Technology, Meerut, Uttar Pradesh, India is a leading institution under affiliation of Dr. A P J Abdul Kalam Technical University (AKTU), Lucknow, Uttar Pradesh. It was established in 1997 with state of art facilities in Engineering Sciences and Technology, Life Sciences and Management. The institute is now being recognized Nationally and Internationally for excellent education at the undergraduate and postgraduate levels. The mission of MIET Meerut is to produce human resource which is creative, competitive and innovative with high intellect and ethical values. The Institute in its 25th year of service to the Nation is imparting holistic education, alongwith inculcating high moral values in its students.

The institute provides an open environment with best quality class rooms, laboratories, skill enhancement centers and library facilities to the students and faculty. Faculty is groomed in philosophy of outcome-based education and nurtured to implement innovative pedagogical techniques. The campus boasts of well-furnished hostels, sports infrastructure, guest-house, auditoriums, training and placement cell, canteen and faculty residences. The institute is focused on students' overall personality development and positive transformation through academic excellence.

In order to align with major policy initiatives of Make in India; Digital India; Start-up India; the Institute has established Incubation Centre to support technology and knowledge-based entrepreneurship. Spirit of innovation in all domains of academics and research is being driven through collaborations with National and International Institutions of repute, Industry and our vast pool of successful alumni.

I invite young and aspiring individuals to join us in our journey for achieving professional excellence and become a part of our exciting and vibrant learning community.

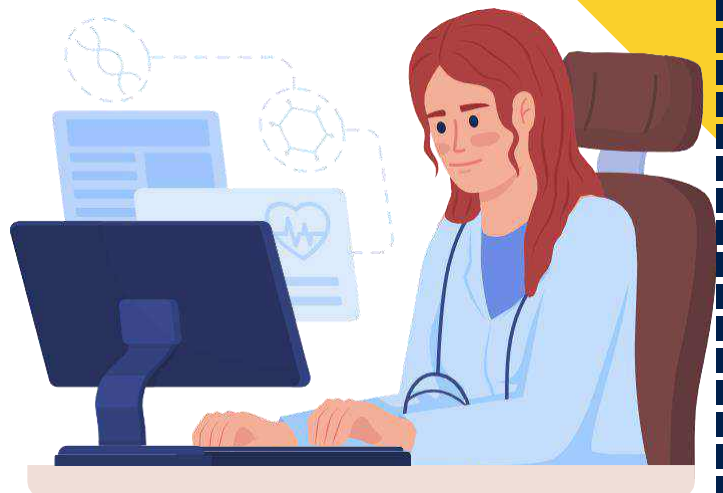
Prof. (Dr.) Brijesh Singh,
Director

HOD Message



It gives me immense pleasure to lead the department of Information Technology. The primary focus of the department is to empower our student with overall development. We, team-IT our working with the following objectives. To mature the students with multidimensional skill sets to focus on outcome based education by innovative pedagogy, industry-academic interaction and doing live project etc

Dr. Swati Sharma
Prof. & Head (IT)



Pradesh 250005

Placement Record

Top 3 Highest Placements

2023-24

8.8 LPA

Shruti Saxena

7.6 LPA

Ayushi Mittal

09.5 LPA

Shatakshi Jain

The image is a solid black rectangle. A thin, vertical yellow line runs along the entire left edge of the image. The rest of the image is a uniform black color.

Our Top Recruiters





RANK HOLDERS

"Congratulations to our brilliant class toppers! Your dedication and academic excellence shine brightly, inspiring us all. Your achievements not only reflect your hard work but also elevate the entire class. Well done, and keep reaching for the stars!"



RANK HOLDERS

well done!

Praful Jain (4th Year)

Akansha Yadav (4th Year)

Adarsh Patel (4th Year)

Harshit Yadav (4th Year)

DEPARTMENT ACHIEVEMENTS

"Discover our department's incredible achievements! Dive in now for a glimpse into innovation and success. Don't miss out – join us on the journey to excellence!"



DEPARTMENT ACHIEVEMENTS

NBA ACCREDITATION

राष्ट्रीय प्रत्यायन बोर्ड
NATIONAL BOARD OF ACCREDITATION
चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली-110003
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

NBA
NATIONAL BOARD
OF ACCREDITATION

File No. 35-87/2010-NBA Date 31-05-2023

To
The Director
Meerut Institute of Engineering & Technology,
NH-58, Bypass Road, Baghpat Crossing,
Meerut- 250 005, Uttar Pradesh

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier-II offered by Meerut Institute of Engineering & Technology, NH-58, Bypass Road, Baghpat Crossing, Meerut- 250 005, Uttar Pradesh.

Sir,

This is regarding Compliance Report submitted by Meerut Institute of Engineering & Technology, NH-58, Bypass Road, Baghpat Crossing, Meerut- 250 005, Uttar Pradesh for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2020-21 to 2022-23 i.e. upto 30/06/2023.

2. An Expert Team conducted data verification of the programs on 8th April, 2023. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electronics & Communication Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2023-2024 to 2025-2026 i.e. upto 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Information Technology		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for further 3 years. Meerut Institute of Engineering & Technology, NH-58, Bypass Road, Baghpat Crossing, Meerut- 250 005, Uttar Pradesh should submit fresh online application under SAR Tier-II June 2015 Document through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Meerut Institute of Engineering & Technology, NH-58, Bypass Road, Baghpat Crossing, Meerut- 250 005, Uttar Pradesh as a whole. As such the institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.


Contd./...

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Website: <https://www.nbaind.org> | Email: membersecretary@nbaind.org

Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar
Pradesh 250005

DEPARTMENT ACHIEVEMENTS

AKTU Sports Fest 2023



बास्केटबाल में ट्राफी जीतने के बाद एमआईटी के खिलाड़ी व कोच सौ. संस्था

एकेटीयू स्पोर्ट्स फेस्ट में एमआईटी की बास्केटबाल टीम विजयी

जागरण संवाददाता, मेरठ : एकेटीयू यूनिवर्सिटी की ओर से एसआर ग्रुप आफ इंस्टीट्यूशंस, लखनऊ में आयोजित इंटर टेक्निकल प्रदेश स्तरीय स्पोर्ट्स फेस्ट में एमआईटी की बास्केटबाल टीम विजेता बनी और ट्राफी पर कब्जा किया। मेरठ में हुए जौनल स्पोर्ट्स फेस्ट में जीत कर इंटर टेक्निकल स्टेट लेवल स्पोर्ट्स फेस्ट में पहुंची। प्रदेश भर से आठ टीमों ने प्रतिभाग करते हुए चार-चार मैच खेले। फाइनल में एमआईटी और बीबीडी लखनऊ ने

अपनी जगह बनाई। एमआईटी ने बीबीडी लखनऊ को आठ अंकों से हराकर ट्राफी पर कब्जा किया। रुबन अग्रवाल की कप्तानी में टीम जीती। स्पोर्ट्स फेस्ट में वालीबाल, बास्केटबाल, कबड्डी, खो-खो, टेबल-टेनिस, शतरंज, एथलेटिक्स, 100 मीटर, 200 मीटर, 400 मीटर, 800 मीटर, 400 मीटर रिले दौड़ हुई। संस्थान के चेयरमैन विष्णु सरन, वाइस चेयरमैन पुनीत अग्रवाल, निदेशक डा. वृजेश सिंह ने टीम को बधाई दी।



Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar
Pradesh 250005

DEPARTMENT ACHIEVEMENTS

Innovation & Sports Expo

एमआईईटी कुमाऊं में अटल कम्युनिटी इन्नोवेशन सेंटर देवभूमि फाउंडेशन द्वारा इन्नोवेशन एंड स्टार्टअप एक्सपो का हुआ आयोजन

हिन्द आत्मा संवाददाता

हल्द्वानी। लामाचौड़ स्थित एमआईईटी कुमाऊं के परिसर में अटल कम्युनिटी इन्नोवेशन सेंटर देवभूमि फाउंडेशन द्वारा इन्नोवेशन एंड स्टार्टअप एक्सपो का आयोजन किया गया। इस दौरान 50 से अधिक इन्नोवेटर और उद्यमियों ने भाग लिया। कार्यक्रम का उद्घाटन कुमाऊं विश्वविद्यालय के कुलपति डॉ. दीवान सिंह रावत, एमआईईटी के वाइस चेयरमैन पुनीत अग्रवाल, मैनेजिंग डायरेक्टर बीएस बिष्ट, कार्यकारी निदेशक डॉ. तरुण सक्सेना, सीईओ एसीआईसी डॉ. कमल सिंह रावत ने संयुक्त रूप से फीता काटकर किया। इस दौरान हिल क्रॉस के योगेश साह ने 2020 में अपना स्टार्टअप शुरू किया और 4000 पहाड़ी किसानों से जुड़कर उनके द्वारा उगाए गए मसालों और मोटे अनाजों को खरीदकर देश-विदेश में बाजार उपलब्ध करा रहे हैं। योगेश का



कहना है कि पर्वतीय क्षेत्रों में उगाई जाने वाली फसलें प्राकृतिक और जैविक तरीके से की जाती हैं जिससे बाजार में अच्छा मूल्य मिलता है।

भूमि हिल नेचुरल के संस्थापक भानु प्रकाश ने कहा कि उन्होंने अपना स्टार्टअप 2021 में शुरू किया था और उनका लक्ष्य किसानों से सीधे हर्बल चाय और हर्बल दवाएं खरीदकर किसानों को अच्छा पैसा मुहैया कराना है और साथ ही लोगों को पहाड़ के प्राकृतिक मसाले

उपलब्ध कराना है। फार्म गुरु कंपनी के निदेशक हरेंद्र सिंह ने कहा कि उनकी कंपनी किसानों को तकनीकी उपकरण उपलब्ध कराकर खेती को अत्याधुनिक बनाने के लिए प्रतिबद्ध है। एसीआईसी के मुख्य कार्यकारी अधिकारी डॉ. कमल सिंह रावत ने कहा कि एमआईईटी कुमाऊं में अटल कम्युनिटी इन्नोवेशन सेंटर देवभूमि फाउंडेशन में ग्रासरूट इन्वेटर, यानी हमारे गांव, कस्बों, छोटेशहरों से जो छोटे-छोटे इन्नोवेशन को

प्रोत्साहन करेगा। उसके लिए एक इकोसिस्टम तैयार करने की दिशा में एमआईईटी कुमाऊं में सेंटर शुरू किया है। नवाचार प्रत्येक भारतीय के दैनिक कार्यों का हिस्सा है इसलिए नवाचार को समर्थन और प्रोत्साहन दिया जाना चाहिए। सेंटर से उत्तराखंड के परिश्रमी, लगनशील एवं साहसी उद्यमियों, व्यवसायियों को लाभ मिलेगा जो अपने-अपने व्यवसाय को उचाईयों की ओर ले जाना चाहते हैं। एमआईईटी के वाइस चेयरमैन पुनीत अग्रवाल ने कहा कि नीति आयोग के अटल इन्नोवेशन मिशन के तहत एसीआईसी देवभूमि फाउंडेशन से उत्तराखंड के मेहनती, भावुक और साहसी व्यवसायियों को लाभ होगा जो अपने व्यवसाय को ऊंचाईयों पर ले जाना चाहते हैं। इस दौरान तारा दत्त तिवारी, हेमा नेगी खत्री, रवि टम्टा अल्मोड़ा, वात्सल्य शर्मा, सुशील कुमार शर्मा, मीडिया हेड अजय चौधरी आदि मौजूद रहे।



Meerut Institute of Engineering and Technology

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STUDENTS

ACHIEVEMENTS

*Some of the
amazing
achievements of
brilliant
ITians....*



Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar
Pradesh 250005

SMART INDIA

HACKATHON 2023



Amrendra Singh (Student) **Prakhar**
Austin Mohan (Student) **Divya**
(Student)
Team Members to WIN SIH 2023

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Pradesh 250005

RECORDS &

CERTIFICATIONS



**Level1: E-commerce & Tech
Quiz by Flipkart**



**Getting Started AI with
MATLAB**

Harsh kansal (Student)

Meerut Institute of Engineering and Technology

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Pradesh 250005

RECORDS &

CERTIFICATIONS



For Successfully Completing
CCSK v4.1 Foundation
Training

Blood Donation



MIET IDEATHON'21.1

Health-a-thon
A Medical Hackathon

Tushar Parashar (Student)

Meerut Institute of Engineering and Technology

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Pradesh 250005

RECORDS & CERTIFICATIONS



AWS Academy Cloud Foundations Course



LinkedIn Marketing Labs- Marketing Insider



Organizing Member of Ideathon'23



Official Member of GDG Cloud Noida Volunteer Team



Organizing Member of InnovateX

Harshit Goel (Student)

RECORDS & CERTIFICATIONS



Bootcamp on JavaScript & React.js



Bootcamp on Data Visualization using Python & Seaborn



Web Development Course



SAP Next-Gen Hackathon using SAP AppGyver tool



Health-a-thon A Medical Hackathon

Aryan Gupta

(Student)

Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar Pradesh 250005

RECORDS &

CERTIFICATIONS

"Grateful and Enriched Experience at MLSA-MIET's .NET Conf 2023"

I am grateful to MLSA MIET for inviting me to be a guest speaker at the .NET Conf. 2023. I had an amazing time sharing my knowledge of C# with the students and seeing their excitement as they learned the basics of the language. During my presentation, I covered the fundamental concepts of C# and guided the students through a hands-on practice session where they built a CLI application of tic- tac-toe. The students were actively engaged and eager to learn, and I was thrilled to see their enthusiasm."



Abhishek Singhal (Student)

for Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar
Pradesh 250005

RECORDS & CERTIFICATIONS



"I'm immensely grateful for the honor of winning the Web Development competition at IPEC's Udbhav2023. This recognition is not just a personal triumph but a celebration of the global community's creativity and innovation.

Thanks to the organizing committee, judges, fellow participants, and my support network for making this journey unforgettable. I'm excited to continue contributing to the world of technology."

Dev Chauhan (Student)

PROJECTS & INNOVATIONS



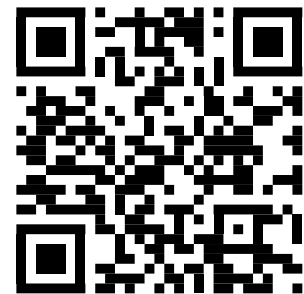
Welcome to Gapshap - our Peer-to-Peer Connection platform that allows you to connect with friends and others around the world without the need for any login.

With Gapshap, you can have video calls, send messages, or make voice calls easily.

It basically take the number of the user you want to message but you don't want to save the number, Then it directly open the chat for you without saving the number. Use this project and experience ad free communication just like WhatsApp but without Ads.



Wanna see these in action?
Scan the QR codes!



Abhishek Singhal (Student)

PROJECTS & INNOVATIONS



Summify is a mini project that utilizes an API to efficiently summarize articles, saving you time and energy. You should use Summify because it:

- **Saves time:** Summify can summarize an article in a matter of seconds, so you can quickly get the information you need without having to read the entire article.
- **Enhances learning:** Summify can be a useful tool for students who are trying to learn new information.
- **Keeps you informed:** Summify can help you to stay up-to-date on the latest news and developments in your field.

Wanna see this in action?
Scan the QR code:



Dev Chauhan (Student)

Student Council of Information Technology

MIET



 scit@miet.ac.in

Meerut Institute of Engineering and Technology

NH 58, Delhi-Roorkee Highway, Baghpat Bypass Road Crossing, Meerut, Uttar
Pradesh 250005



The Student Council of Information Technology- (S.C.I.T.) is a dynamic community of tech enthusiasts, innovators, and leaders lead by IT Department of Meerut Institution of Engineering & Technology. We are passionate about harnessing the power of technology to shape the future and empower individuals in the digital era. Through collaboration, education, and advocacy, we strive to create an inclusive and forward-thinking environment where students can explore emerging technologies, develop their skills, and make a meaningful impact. Join us as we pave the way for innovation, connect minds, and drive the digital transformation on our campus and beyond.

VISION

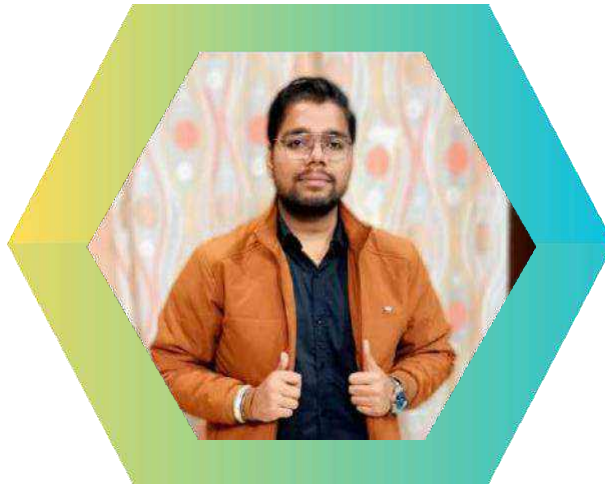
The vision of the Student Council of Information Technology is to foster innovation, collaboration, and leadership among IT students, creating a dynamic and inclusive community that empowers individuals to excel in technology, make a positive impact, and shape the future of the digital world.

MISSION

The mission of the Student Council of Information Technology is to foster collaboration, leadership, and innovation among IT students. We aim to enhance academic and professional growth through networking opportunities, skill development workshops, and industry engagement. Our goal is to create a supportive environment that empowers students to excel in their studies and succeed in the dynamic field of information technology.

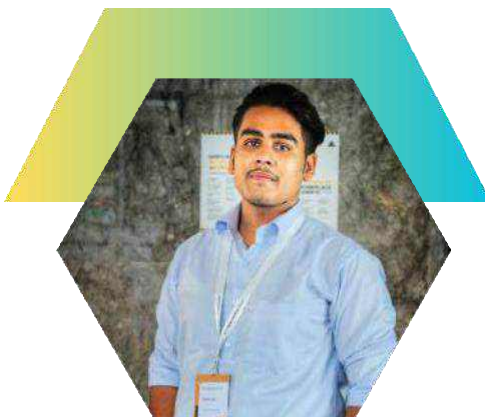


(President)



Abhishek Singh

(Vice President)



Harshit Goel



Prakhar Austin Mohan

(President)

Pradesh 250005



(Secretary)



Amrender Singh

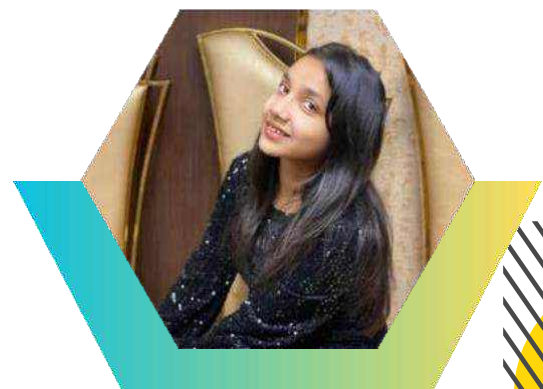


Tushar Parashar

(Joint Secretary)



Aryan Gupta



Palak Bansal

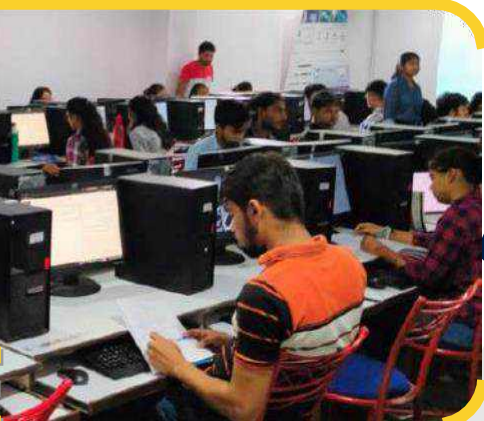
Pratishth 250005
(Secretary)

EVENTS & PROGRAMS

15th September 2023
“THE BLIND CODING CHALLENGE”
Special Sponsor: **GeeksForGeeks**



THE BLIND CODING CHALLENGE



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EVENTS & PROGRAMS

19th October 2023

“PLASTIC BOYCOTT AWARENESS DRIVE”

Special Sponsor: **Nagar Nigam, Meerut**



OUR ESTEEMED GUESTS:

IFS Rajesh Kumar (Divisional Forest Officer, Meerut)

Ms. Anshu Chawla (Sub Divisional Forest Officer, Meerut) Mr. Sawan kanojia (Environmentalism and journalist)



EVENTS & PROGRAMS

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EVENTS & PROGRAMS

19th October 2023

INNOVATE X

Estemmed Sponsors & Partners

- ◆ Meerut Institute of **Engineering** & Technology (**Gold** Sponsor)
- ◆ **squareboat** (**Silver** Sponsor)
- ◆ Microsoft, **Microsoft Azure Community** & Reskill (Support Partner)
- ◆ Commudle (Platform Partner)



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EVENTS & PROGRAMS

Guests Sessions

- **DevOps** session by **Mr. Kafeel Khan** (Senior DevOps Engineering at MakeMyTrip) .
- **Startup Knowledge enhancement** by **Mr. Arpan Garg** (Founder of Commudle, a community and event management system)
- **Web Development and Career Talk** session by **Mr. Ajay Suneja** (Software Engineer at Addidas and Ex-ITC at InfoTech)
- **Android Development** session by **Ms. Ayushi Agarwal** (Consultant at Capgemini)
- **Git, Github & Copilot** and open source session by **Mr. Ayush Kumar** (Developer Advocate & community Specialist at TechLatest.net)
- **Microsoft Azure** session by **Mr. Shrish Jain**

Audience from all over Meerut and nearby areas!



Fun Games & Gifts for everyone in the store.....

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EVENTS & PROGRAMS

1st - 23rd September 2023 “SIH 2023 Internal Hackathon”



OUR ESTEEMED GUESTS:

Mr. Vidit Bhatiya
(Senior Engineering Manager- Nagarro)
Mr. Nishant Bhardwaj
(Associate Staff Engineering- Adobe)

1st to 3rd September: Round 1 (Online): Idea
Pitch & PPT Submission

15th September: Round 2(Offline): Prototype
Evaluation

23rd September: Round 3 (Offline):
Final Evaluation



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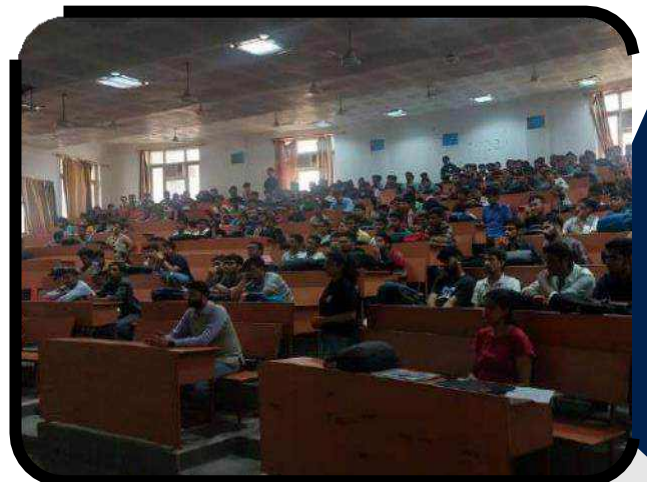
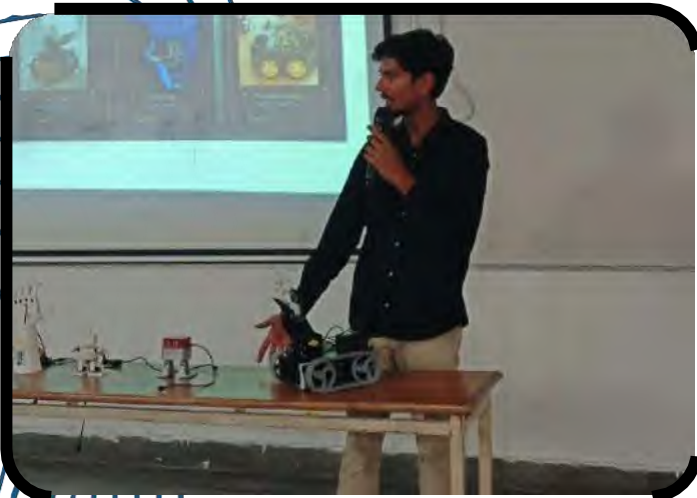
EVENTS & PROGRAMS

22nd September 2023 “Robotics1.0 Workshop”



OUR ESTEEMED GUESTS:

Dr. Geetansh Gupta
(DRDO Trained , Worked at BPCL)



EVENTS & PROGRAMS

10th November 2023

“Mastering Conversation with ChatGPT”



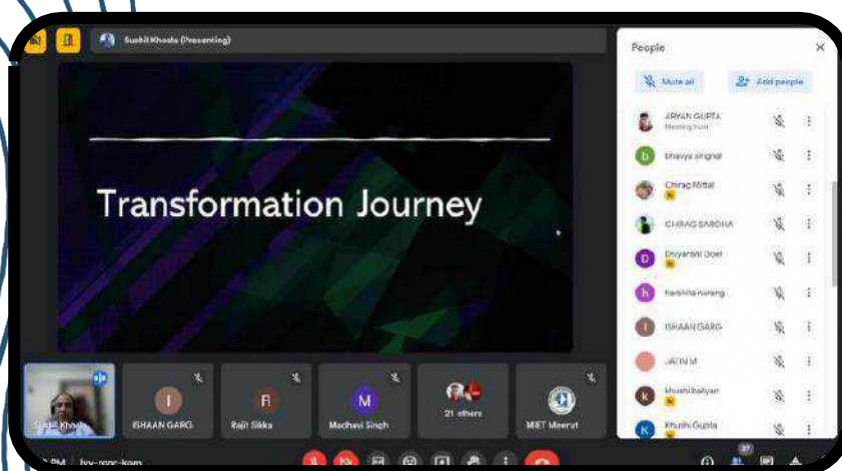
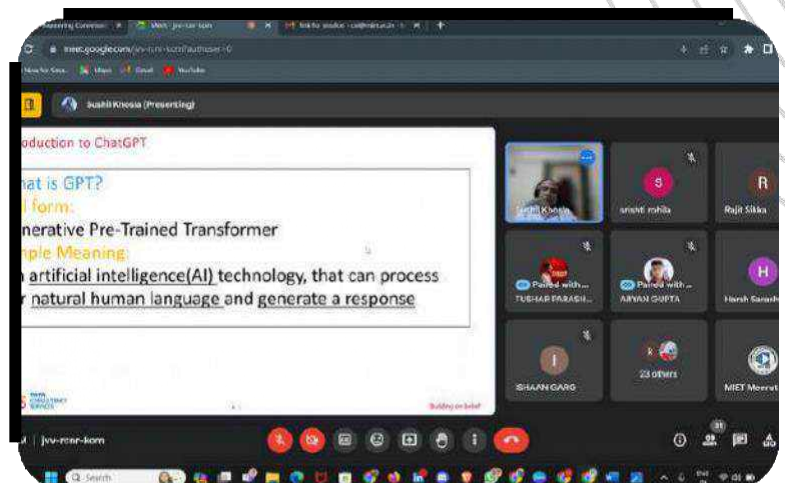
OUR ESTEEMED Speakers:

Mr. Sushil Khosla

(Head- Operational Management, Corporate Social Responsibility, TCS Foundation)

Mr. Rajit Sikka

(Regional Head- Academics Interface Program- India North TCS)



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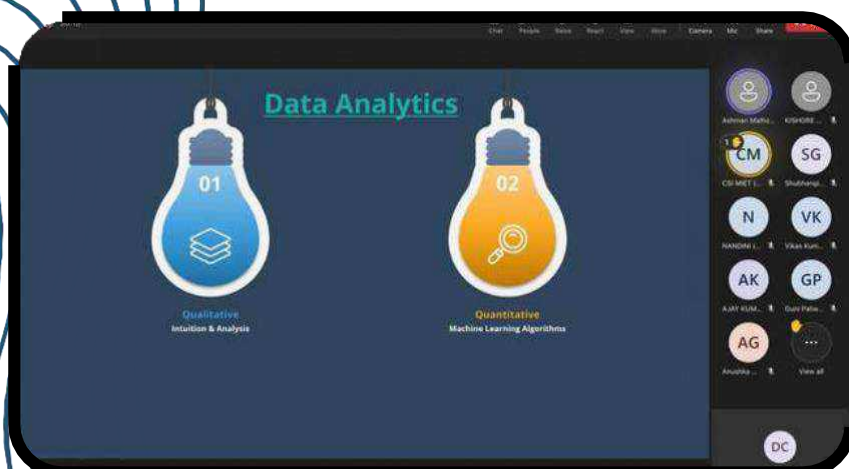
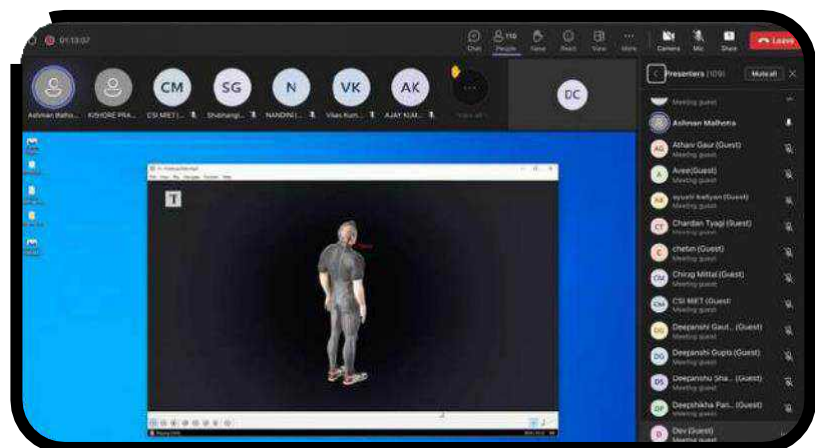
EVENTS & PROGRAMS

25th November 2023 “Webinar: AI- The Future”



OUR ESTEEMED Speakers:

Mr. Rajinder Kumar
(CTO- Froyo technologies)

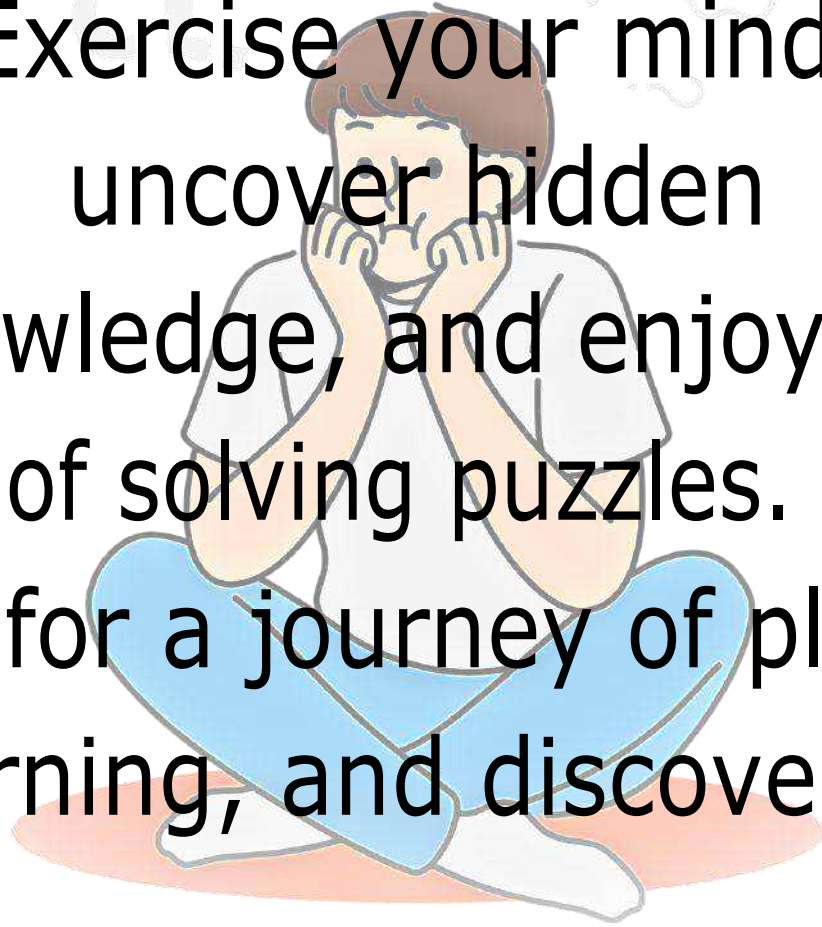


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QUIZZICAL QUEST

"Fuel your curiosity with our riddles and quizzes! Exercise your mind, uncover hidden knowledge, and enjoy the joy of solving puzzles. Join us for a journey of play, learning, and discovery!"



QUIZZICAL QUEST

Do you think you are smart one?

Try answering the following.....

1. I am taken from a mine, and shut up in a wooden case, from which I am never released, and yet I am used by almost every student. What am I?
2. I am a word of letters three, add two and fewer there will be. What am I?
3. I have keys but open no locks. I have space but no room. You can enter, but you can't go inside. What am I?
4. The more you take, the more you leave behind. What am I?
5. I speak without a mouth and hear without ears. I have no body, but I come alive with the wind. What am I?
6. What has a heart that doesn't beat?
7. The more you feed me, the more I grow. What am I?
8. I have cities but no houses, mountains but no trees, and water but no fish. What am I?
9. I am taken from a mine and shut up in a wooden case, from which I am never released, and yet I am used by almost every student. What am I?
10. What comes once in a minute, twice in a moment, but never in a thousand years?
11. What has a head, a tail, is brown, and has no legs?
12. The person who makes it, sells it. The person who buys it never uses it. What

is it?



Answers:
1. Pencil 2. Few 3. Keyboard 4. Footsteps 5. Echo 6. Artichoke
7. Knowledge 8. Map 9. Pencil 10. The letter 'M' 11. Penny 12. Coffin

QUIZZICAL QUEST

Lets get technical, shall we?

1. I'm a string of letters & numbers, a secret code to uncover. In cybersecurity, I play a key role, ensuring your data's safe and whole. What am I?
2. I'm a language without words, yet I speak to machines. Developers use me to craft their dreams. What am I?
3. I'm a pocket-sized wonder, with power untold. I make calls, take pictures, and even surf the web when you're bold. What am I?
4. I'm a series of instructions, a coder's delight. Without me, computers wouldn't know what's right. What am I?
5. I'm a barrier on the web, protecting your data flow. Hiding your IP, making your online presence low. What am I?
6. I'm a puzzle of logic, a coder's game. If you can solve me, you'll earn some fame. What am I?
7. I'm a virtual world, not quite real. Put on a headset, and you'll know how I feel. What am I?
8. I'm a constant companion, always in your hand. From sunrise to sunset, I help you understand. What am I?
9. I'm a silent worker in the dark, crunching numbers with speed. I process data without a spark. What am I?
10. I'm a giant network in the sky, connecting us all as time goes by. What am I?
11. I'm a language of the web, styling pages with grace. Without me, sites would be a dull space. What am I?
12. I'm a storage vault for bits and bytes, where data rests in digital nights. What am I?



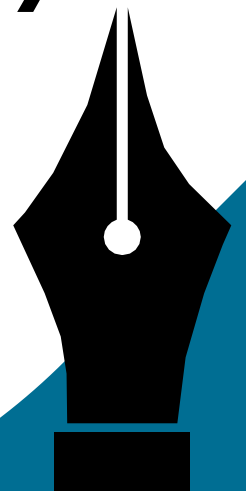
1. Encryption 2. Code 3. Smartphone 4. Code/Programming 5. VPN (Virtual Private Network) 6. Sudoku 7. Virtual Reality 8. Smartphone 9. Computer 10. Internet 11. CSS (Cascading Style Sheets) 12. Hard Drive

Answers:

PAPER AND PEN CARNIVAL



*Some of the pen
and paper
works done by
ITians....*



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MY FLIGHT / JOURNEY OF LEADER



Here this page brings you a brief story about someone's journey and his moments of truth as he shares experience in the field of soceties , management and as a organizing team member for various events, pushing the boundaries of what's possible in the field.

Meet Harshit Goel, a dynamic third-year B.Tech student at Meerut Institute of Engineering and Technology (IT Dept.). His journey from ground zero to Vice President of the Student Council of Information Technology showcases remarkable growth.

Harshit is also a Core Member of GDSC MIET, MLSA MIET, and Google Developer Groups Cloud Noida, providing him insights into emerging technologies and connections with industry giants like ISRO and Google.

As Student Representative of NASSCOM Foundation, Harshit contributes to India's technology sector. His event organization includes InnovateX and impactful gatherings, emphasizing the role of technology as a catalyst for positive change. Harshit's message: never give up; everyone is an expert in something.

"themselves, everyone is an expert in something."
"Please never give up on yourself, everyone is special to

Harshit Goel
(Student)

Scan the code :)
Check out in full here:



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RESEARCH IDEA / IMPLEMENTATION MODEL



Meet Harsh Kansal, a trailblazing student from Meerut Institute of Engineering and Technology, whose research in early brain tumor detection is redefining possibilities in medical diagnostics.

The paper presents a system for early brain tumor detection using image processing on MRI images. It addresses challenges related to noise and unclear boundaries in early-stage tumors. The system involves preprocessing, segmentation, and feature extraction using MATLAB. Two methods, segmentation and clustering, are proposed. Existing systems focus on segmentation with limitations, including lack of staging and accuracy. The proposed system aims to overcome these drawbacks. The architecture includes preprocessing, segmentation, and feature extraction, leading to tumor categorization. Advantages include accurate staging and tumor size calculation. System requirements involve Windows and MATLAB, with specific hardware specifications. The implementation achieved a 97% accuracy. Future scope includes three-dimensional imaging for tumor type and stage estimation.

Harsh Kansal
(Student)

Scan the code :)
Check out in full here:



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THE POETIC ELEMENTS



IZHAR-E-ISHQ

एक दिन हमने इज़हार-ए-इश्क़ क्या के
उह ने पूछा क ओखर य क्या..?
फर या, उसपर हमने भी कुछ लिख
दया...

क कसी रात मै तुझको देखू ऐसे,
वाब देख रहा 5ं पहले जैसे,
बाह म तेरी म सिमटता
5आ,
चांद सितार के बीच लिपटा
5आ, कुछ तुम कहो कुछ हम कह,
ये यारी सी गुरतगू हमारी यूँही चलती रहे,
साथ बताए कुछ पल तुम्हारे,
खूबसूरत हो जैसे नैन तुम्हारे,
हाथ म हाथ लेकर चल भी 5,
चा5ं म तुमको ऐसे क अब हां,
इज़हार- ए-इश्क़ कर भी 5...!!

"Love is a universal melody that harmonizes with every heart, weaving tales that resonate across diverse landscapes. Join me as I explore the timeless allure of love, a sentiment that knows no boundaries and speaks to the soul of every reader."

Akash Gaur
(Student)

TRANSITION

उड़ने को पर मिले पर उड़ान क मंजिल न पाए,
पर क क मत ना जाने जो आसमां ही पहचान न पाए ।

वाब क चाहत बदले , ये कोई देख न पाए ,
चाहत से शुV ये कहानी कोई VबV हो ना पाए ।

वो अ ा - या - बुरा हम फक कर ना पाए,
हँसते ह खुद पर य क हम कोई समझ ना पाए ।

इराद का नाम और वाब क पहचान कोई बता ना पाए ,
य खुली कताब का प ा ये पुराना कोई समझ ना पाए !?

वाब अपने कर काबू , वाब ही तुझे काबू कर ना पाए,
फतरत होती है वाब से, फतरत तुम्हारे वाब बन ना पाए !

"I have tried my best to give the essence of all aspects of one's mindset from early stage to teenage life. I have named this poem "TRANSITION" as it depicts the transition of mindset and thought process of an individual during different stages of life"

Aryan Gupta
(Student)

THE POETIC ELEMENTS



गम के अंधेरे से निकल

जीवन

गम के अंधेर से
5र नकल मुसा फर,
न द से जाग अब
तुझे मंजिल तक जाना है।
कदम दर कदम चलता जा
तुझे अंधेरा गम का मिटाना
है। न बैठ हाथ पर हाथ रखकर,
इसी हाथ से कसती कनारे लगाना है,
उदासी का हर दौर मिट जाएगा
बस तुझे आगे बढ़ते जाना है।
"सोहन" अंधेरे क सीलन को तुझे,
सौर ताप बन कर मिटाना है,
उठ जाग मुसा फर आगे बढ़
जीवन मे तुझे कुछ कर दखाना है

दो पल न जि दगी ह,
आज़ बचपन, नल ज़वानी,
परसो बुढापा, फ़र ख म कहानी ह।
चल हस नर जिये, चलो ढुलकर
जिमे
फ़र ना आन वाली यह रात सुहान ,
फ़र ना आन वाला यह दन सुहाना।
नल जो ब त गया स ब त गया,
यो नरते हो आन वाले कल क चि ता,
आज़ और अभी जि , 5सरा पल ह ना ह।
आ जि दगी को गात चले,
कुछ बाते मन न करत चले,
वठ को मनात चले।
आ जीवन क नहानी यार से लिठते
केकछ बोल मीठ बोलत चले,
कुछ रसत नये बनात चले।
या लाये थ या ले जाएगे,
आ कुछ लुटात चले,
आ सब के साथ चलत चले,
जि दगी का सफ़र यू ही काटत चले।

Akansha Yadav
(Student)

Anshika Mittal
(Student)

THE

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THE POETIC ELEMENTS

जीवनकासाथी



दो5त ह स े, राह म साथी,
जीवन के सफर म हमारे साथी।

मुसीबत म हो या खुशिय का
समय, दो5ती बनी रहे, सदा हमारे

हंसी-खुशी का हो सफर ये लंबा,
दो5ती का पहला सवाल, यही है सबस
मह वपण।

जब भी थमे हो सारे र5ते जीवन के,
दो5ती क दोन ओर हो र गत बनी रह।

एक 5सरे क हो समथना, हो व ास,
दो5ती का यह सफर हमेशा बना रहे खास।

Mr. Nadeem Anwar

Assistant Professor, Department
of IT

Meerut Institute of Engineering and Technology

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Pradesh 250005

THE EDITORIAL MESSAGE



This is the 6th Issue of IT-Digest, IT Digest issue has the insight of the Information Technology Department of MIET.

I, being the editor, made a promise to the college that through my determination, perseverance and hard work, would undertake any task entrusted to me by the college authorities and fulfill it in the best possible way.

To the department of Information Technology magazine, I expect full cooperation from my fellow students and peers. New ideas, new sections in the issue of IT-DIGEST are always welcome by the Editorial Board. The editorial board is looking forward to making this magazine a vehicle for students to express their innermost thoughts other than study load. I hope this magazine goes on to become the “lingua franca” of our department.

Ms. Preksha Pratap
Assistant Professor,
Department of IT

Meerut Institute of Engineering and Technology

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THE EDITORIAL MESSAGE

Dear Readers,

Excited to share this engaging edition of our magazine!

It has been my pleasure to be honored as designer and editor of IT Digest Issue 6. I would like to thank Dr. Swati Sharma mam for providing me this opportunity. Collaborating with co-editor Aryan Gupta, we've curated content to captivate and resonate with you.

Your continued support inspires us to push creative boundaries. Share your thoughts; your feedback is vital. Gratitude to the entire editorial team for dedication and collaboration. This magazine is a community—your voices matter.



Tushar Parashar (Student)



Dear Readers,

First of all, I would like to thank Dr. Swati Sharma Mam for providing this opportunity to be honored editor of IT Digest issue 6.

As I pen down editor's message, I am filled with immense gratitude and excitement to connect with you. Our magazine, a collective effort of passion and creativity, continues to thrive because of your support. This issue brings compelling stories and insightful content, thanks to your valuable feedback. In this fast-paced world, we remain committed to providing relevant and inspiring content. Kudos to co-

editor Tushar

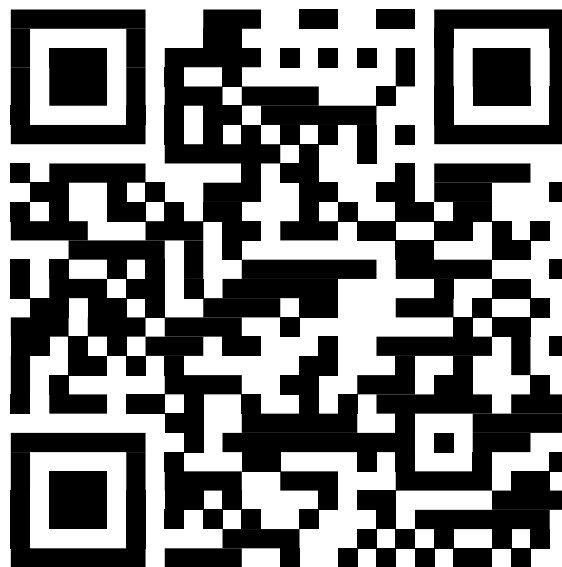
Parashar for his dedication and contribution utilizing his designing skills too. Share your thoughts; this magazine is yours too. :)

Aryan Gupta (Student)

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FEEDBACK & SUGGESTIONS



Scan the QR Code and provide your valuable feedback/suggestions we might consider in the next issue.....

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