

ANNUAL REPORT

2023-24



**Institutions Innovation Council
Model Institute of Engineering
and Technology (Autonomous)**



Table of Contents

A.	About IIC Institute	3
	Vision / Mission of IIC established at the Institute	3
	Journey of IIC established at the Institute	4
	Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.	4-5
B.	Brief mention of key functionaries at the IIC Institute	6
C.	Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution	7-8
D.	Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus	9-11
E.	Achievement Highlights	12-16
F.	Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum	17
G.	Highlight selected best Innovations & images with mention of inventor/innovation name	18
H.	Highlight selected start-ups established by students/faculties	19
I.	List of breakthrough Innovations / Technology Developed at the institute	20
J.	Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs	20
K.	Detail of Social Media & Connections of IIC institute	20
L.	Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell	21
M.	Images	22-23
N.	Contact	24



A. About IIC Institute

Model Institute of Engineering and Technology (Autonomous), hereinafter referred as MIET, is an Autonomous institution in J&K committed to the cause of promoting quality education and research in engineering and allied domains. Innovation has been identified as a core value driving the MIET strategy and its identified objective of emerging as a credible center for innovation and research in the J&K region

● Vision / Mission of IIC established at the Institute

- Vision: To promote grass-root innovation leading to incubation of start-ups in the region
- Mission: To develop an ecosystem of innovation and entrepreneurship at MIET with adequate infrastructure that can enable students and faculty to innovate, prototype and commercialise their potential ideas

● Major Focus of IIC

- To create a vibrant local innovation ecosystem
- Start-up/ entrepreneurship supporting Mechanism in HEIs
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas
- Develop better Cognitive Ability amongst Technology Students

● Functions of IIC

- Promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco - system in the campus
- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini challenges etc., with the involvement of industries.



• Journey of IIC established at the Institute

- In the year 2018, the Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions.
- Primarily, IIC's role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre- incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs.
- **AY 2018-2019:** During this year IIC at MIET Jammu participated in various activities Workshop on Cognitive Skills, Design Thinking and Critical Thinking using local resource persons. Offline workshop on IPR for Students and Faculty Members. Workshop on IPR for Students and Faculty Members
- **AY 2019-2020:** During this year IIC at MIET Jammu received 5 stars in performance. Total of 23 IIC activities, 47 MIC activities and 52 Self driven activities were approved across all the four quarters.
- **AY 2020-2021:** During this year IIC at MIET Jammu received 4 stars in performance. Total of 33 IIC activities, 8 MIC activities and 24 Self driven activities were approved across all the four quarters
- **AY 2021-2022:** During this year IIC at MIET Jammu received 4 stars in performance. Total of 17 IIC activities, 9 MIC activities, 8 celebration and 12 Self driven activities were Submitted across all the four quarters
- **AY 2022-2023:** During this year IIC at MIET Jammu received 3.5 stars in performance. Total of 23 IIC activities, 8 MIC activities, 13 celebration and 09 Self driven activities were submitted across all the four quarters
- **AY 2023-2024:** During this year IIC at MIET Jammu Conducted 30 IIC activities, 8 MIC activities, 16 celebration and 22 self-driven activities across all the four quarters. We have also conducted various expert talks by Innovation ambassadors inside and outside the institute. There were 5 sessions conducted under IIC – ATL linkage program as well.

• Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc

o Industry

- Prof. Anil Gupta, Padma Shri awardee and the founder of the Honey Bee Network
- Mr. Rajesh Kotwal, District Nodal Officer Jammu and In-Charge of the Center for Women Entrepreneurship Development
- Unflex Pvt. Ltd. and Lupin Pvt. Ltd.



- Mr. Satadru Chowdhary, MD of Vaanahaa Education and Innovation Labs.
- Mr. Sumeet Sharma, Global Head, Learning & Talent Services, Novartis
- Mr. Sanjeev Kumar, Mitsubishi Electric India
- Ms. Sunaina Sharma, Joint Director of Tourism, Jammu,
- Dr. Siddharth Deshmukh - The Travelling Professor, Strategic Consultant
- Dr. Jagat Shah, Global Business Consultant
- Ms. Reema Mahajan, Founder of IWD Community, UAE
- Dr. Kalpesh Gupta, Founder- Probono India, Legal Startups,
- Ms Khushboo Mattoo, Branded Solutions Lead, Founder Channel22.org, Artist & Columnist
- Mr. Archit Puri Chairperson CII, J&K Council and Director, PBI India Private Ltd.
- Mr. Sorab Mengi, Asst. Manager, Centre for Innovation, Incubation and Business Modelling, JKEDI
- Mr. Rohil Bhatia, CEO, Intellivate Technologies Private Limited.

o Interdisciplinary & Departments

- Prof. VM Chariar, Center for Rural Development & Technology, IIT – Delhi.
- Dr. Arvind, Chief Innovation Officer, IIT Jammu
- Prof. Amit Mittal-Professor of Management and Pro Vice Chancellor (Research Programs), Chitkara University.
- Dr. Archana Pandita, Associate Professor, Demont Institute of Management and Technology, UAE.
- Mr. Manoj Aggarwal Professor in Incharge, Institute Incubation and Innovation Council at IIT Jammu
- Prof. Anton Vorina, Professor at School of Economics, Celje
- Dr. Pavleen Kaur, Sr. Data scientist, Fluence Energy, Virginia, USA
- Dr. Pankaj Sharma, Head of Department, Civil Engineering at Amity University Rajasthan
- Dr. Riya Bhowmik, Associate Dean, Outreach and Skill Development Programs, Indian Institute of Technology Jammu
- Mr. Namit Rarrotra, Scientist F at ISRO, Bangalore
- Dr. Vivek Sharma, Chief Innovation Officer, IIM Jammu



B. Brief mention of key functionaries at the IIC Institute



TEAM IIC @ MIET



Prof. Ankur Gupta
President IIC
MIET



Prof. Sahil Sawhney
Vice President IIC, MIET
Innovation Ambassador



Prof. Ashok Kumar
Innovation Ambassador



Prof. Arvind Dewangan
Innovation Ambassador



Dr. Ankita Nanda
Innovation Ambassador



Mr. Vishal Gupta
Innovation Ambassador



Dr. Suhaib Ahmed Batt
Innovation Ambassador



Mr. Karan Pandoh
Innovation Ambassador



Ms. Gurpreet Sodhi
Innovation Ambassador



Ms. Azra Ashraf
Innovation Ambassador



Mr. Saurabh Sharma
Innovation Ambassador



Dr. Mansi Gupta
Innovation Ambassador



Mr. T. Vijay Bharadwaj
Social Media Coordinator



Mr. Abhishek Chandra
Convener IIC at MIET
Innovation Ambassador

- President : Prof. (Dr.) Ankur Gupta, Director MIET
- Vice President : Prof. (Dr.) Sahil Sawhney, General Manager Strategic Initiatives, MIET
- Convener : Mr. Abhishek Chandra, Assistant Professor, MIET
- Coordinators : Prof. (Dr.) Ashok Kumar, Prof. (Dr.) Arvind Dewangan, Ms. Ankita Nanda, Dr. Mansi Gupta, Mr. Vishal Gupta, Mr. Saurabh Sharma, Ms. Azra Shah and Mr. Arsalan Manzoor
 - ARIIA & NIRF Coordinator : Dr. Suhaib Ahmed Batt, Assistant Professor, MIET
 - Innovation Coordinator : Mr. Karan Pandoh, Assistant Professor, MIET
 - Start-up Coordinator : Mr. Abhishek Chandra, Assistant Professor, MIET
 - IPR Coordinator : Dr. Ankita Nanda, Associate Professor, MIET
 - Social Media Coordinator : Mr. Vijay Bharadwaj, Assistant Professor, MIET
 - Internship Coordinator : Ms. Apoorva Bhan, Assistant Professor, MIET

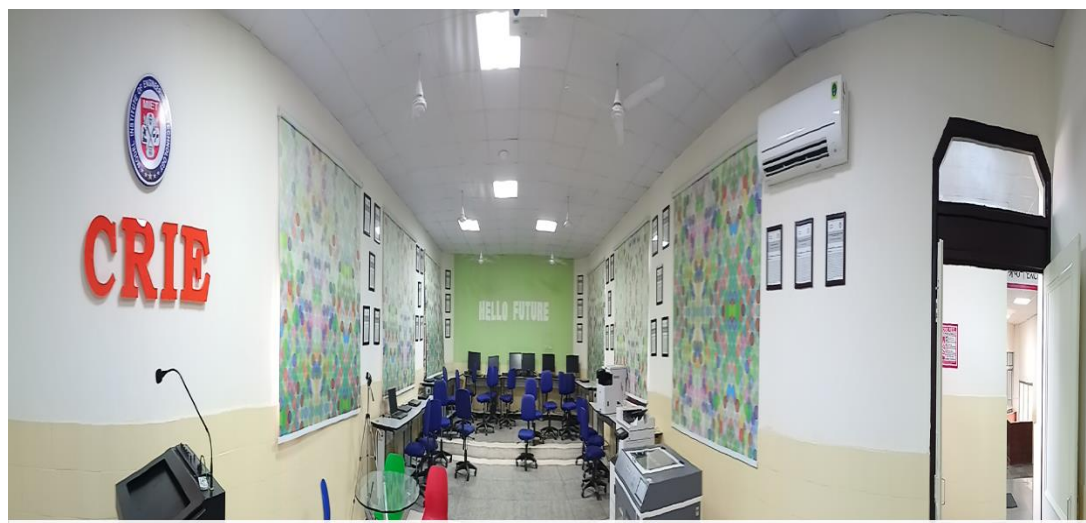


C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: 76
- Total No. of IAs: 24
- Total No. of Faculty Mentors from Portal: 24

• Pre-Incubation Units:

o Center for Research, Innovation and Entrepreneurship.



Center for Research, Innovation and Entrepreneurship

- Established in 2019, it houses the state of the art 3D Printing & Prototype Equipment, Workstations with a provision to undertake AI based projects with large databases.
- CRIE builds on a proven research and innovation track-record at MIET with 54 patents filed out of which 21 have been granted, 2 IT-products incubated and 890+ research papers published. Some of the major areas that CRIE is working on are Software-Defined Networking, Internet-of-Things (IoT), Quantum computing, Web-Mashups, Learning Management, Data Analytics, Machine Learning, Smart Applications, Digitisation and Automation, Strategic Management, Consumer Behaviour and Business Intelligence



- o UltraTech centre of excellence for advance building material and sustainable development inaugurated at MIET Jammu



UltraTech centre of excellence at MIET

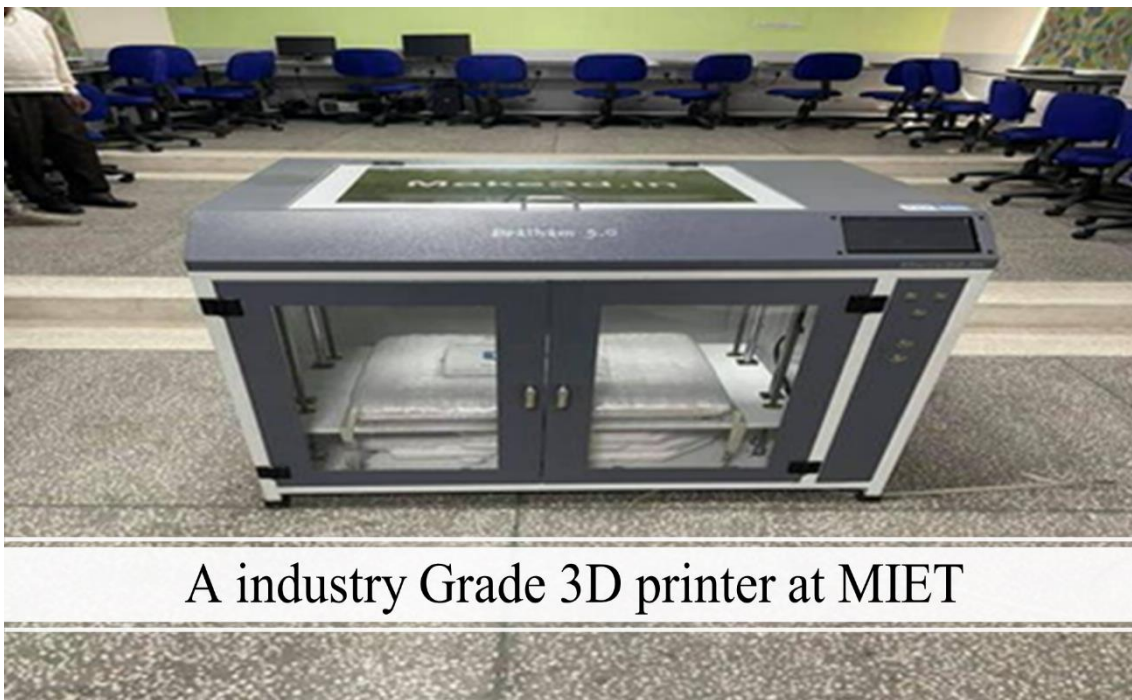
- Established in 2023, The Centre of Excellence aims to offer valuable opportunities to engineers, architects, and builders in the region to stay informed about the latest trends and technologies in the construction field. And provide essential training programs in emerging domains. Within the scope of this Center of Excellence, a comprehensive lineup of activities is set to unfold, encompassing technical seminars, industrial visits, workshops, conferences, and training programs specially designed for students.
- Incubation Units, If any: MSME Technology Business Incubator
- IP Facilitation Unit, If any:
 - o IPR Cell
 - Established in 2018
 - The IPR Cell provides funding Support for Idea/Prototype/Innovation Development and implementation



D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.



AR and VR facility at MIET



A industry Grade 3D printer at MIET



- **Mitsubishi training center and Industrial Automation Lab:** The Mitsubishi Electric FA Lab is the first and exclusive industry-driven center of excellence in the state of J&K in the domain of industrial automation. The Lab is set up with a specific mandate to create awareness and develop industry-relevant skills on the latest equipment and software. Under this collaboration, MEI has supplied high-end automation equipment with all accessories including high-end software for simulation/programming of the equipment to MIET. The training equipment includes the Mitsubishi Electric iQ-R PLC based FA training-kit comprising HMI, VFD, Servo and FX PLC with HMI training kit iQ Platform software (engineering software) with simulation accessories.
- **Bentley's BIM Advancement Lab:** MIET has achieved the unique distinction of setting up of the first and the only Bentley's BIM Advancement Lab in the state of J&K. The BIM Advancement Lab was inaugurated by Mr. Vinayak Trivedi, Vice President, and Global Head, Bentley on 23th November, 2017. The Bentley BIM Advancement Lab is the first and only industry-driven center of excellence in civil engineering in the state of J&K and among the first few in North India. It will provide access and training to students and faculty members to over 50 world-class software products from the Bentley stable including the famed STAADPro, MxRoad, AECOSim, and MicroStation among others. These software packages have been used in the design and development of world-renowned infrastructure projects from the world's largest malls in Dubai to the Jammu-Udhampur highway.
- **IUCEE Student Chapter:** This Chapter at Model Institute of Engineering and Technology is a close-knit community that aspires to create an environment for students to grow and instil a sense of giving back to the society. It enable programs that enhance the holistic development and experiences of students. It also plug the students into the IUCEE Foundation eco-system to learn and share with association and activities.
- **APPLE authorised training center for education (AATCe) at MIET:** This program will offer unique benefits to institutions that incorporate Apple's Develop in Swift offering into their curriculum to the students. This program includes instructor led training and App development on MACOS and IOS platforms for students. An Apple Lab facility comprising of 21 high performance iMac's, iPads and Apple TV has been setup to deliver this offering. An AATCe is a facility authorized by Apple to deliver Apple certification training classes to students using Apple certified trainers
- **Center for Software Development:** The students are encouraged to undertake design and development of commercial software systems such as to prepare them for jobs in the IT industry. Specialized projects based on the software needs of the institute and external agencies are carried out at the CSDIS. The centre also offers short-term value added courses for the benefit of the students.
- **Center for Consultancy Services:** The Center for Consultancy Services (CCS) is a humble attempt to reach out to prospective partners from the industry and academia and extend technical



or professional support based on the domain expertise and experience of the MIET faculty. We endeavor to deliver the most professional services in a time-bound manner to the full satisfaction of potential customers.

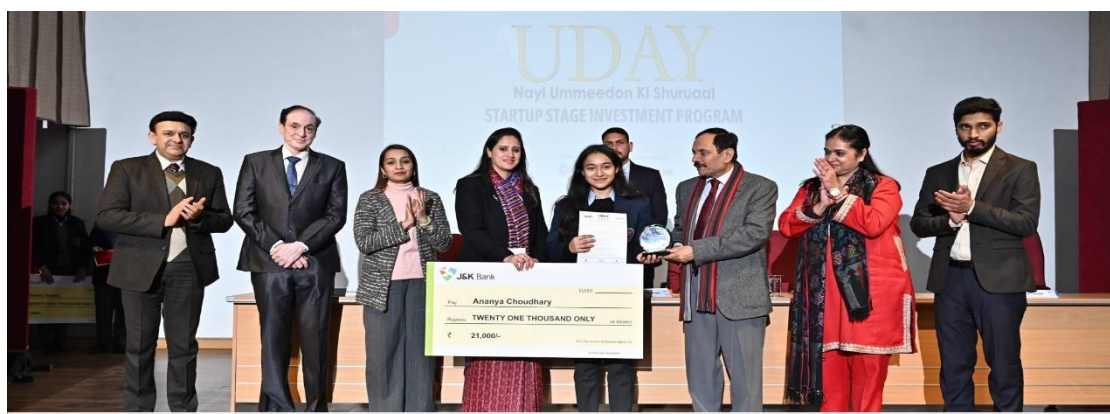
- **Center for Research Innovation and Entrepreneurship:** The Centre for Research, Innovation and Entrepreneurship is a special initiative at MIET driving applied research through innovative projects. It is a one-of-its-kind multi-disciplinary research center in the state of J&K. One of the major aims of the CRIE is to promote student-driven innovation by addressing important domain-specific challenges and technical problems. Promoting entrepreneurship through the in-house Technology Business Incubator (TBI) under MSME, Govt. of India is also a priority area. The vision of CRIE is to be recognized as a center of excellence in research and innovation.
- **MSME Technology Business Incubator:** It is intended to serve as a laboratory to launch new start-ups in emerging domains with a distinctive local context i.e. J&K Focus. MIET is a premier technical institution in J&K attracting the best engineering talent which is committed to start companies generating revenue and creating local employment opportunities. Creating a vibrant start-up ecosystem in J&K will play a key role in ushering in progress in the region which has had a turbulent past. The setting up of the BI at MIET is well-aligned with MIET's objectives of providing thought and technical leadership besides creating significant value for all stakeholders.
- **3D printer Facility:** An industry Grade 3D printer is available at the institute which is specially designed and made for students. It is a Great technology and tool for rapid prototyping. Pratham 5.0 is one of the most advanced Heavy Duty FDM 3D Printer available in Indian market. Perfectly made for Industrial use, Equipped with 7 inches touch Display, Filament detection, Power failure resume, Auto bed leveling. This combination of advance features makes it perfect choice for any Engineer, Designer and Industrialist.
- **AR and VR facility at MIET:** Model institute of Engineering and Technology, in collaboration with "Unity Technologies", the world's leading cross-platform real-time game engine, provides a facility in Immersive Technologies (Augmented Reality, Virtual Reality, and Mixed Reality) & Tools, at MIET Campus. This unique facility centre proposes to offer an interactive immersive experience (2D / 3D) in varied domains viz. engineering, art and design, architecture, film-making, entertainment, psychology, management, travel and tourism through simulations and visualizations. Unity is used to create half of the world's video games. It is also used for creating non-gaming mixed reality immersive experiences in various domains mentioned above. "MIET- AR and VR facility" will pioneer in training, development and research in Immersive Technologies (AR/VR/MR).



E. Achievements Highlights



Poster Presentations by MIET Students in the 2nd International Conference on Next Generation Computing and Information Systems (ICNGCIS 2023)



Ms. Ananya Choudhary, CSE Student at MIET won cash prize of Rs. 21,000 in the Uday Startup Summit 2024



Ms. Farheen Shaad, CSE student from MIET won cash prize of Rs. 21,000 in the Uday Startup Summit 2024



Two student from MIET were awarded the "Best User Experience Design award" at the Grand finale of India Design Week 2024 for design of Water Body Garbage Collector.

2 teams from MIET bagged 2nd and 3rd position at YESIST 12 Prelims 2024



2 teams from MIET have bagged awards for the exhibition of their innovative projects at 9th National Conference (NCEEITET) held at GCET, Jammu







MIET has secured the Silver Band in the prestigious "Sustainable Institutions of India - Green Rankings 2024" by R. World Institutional Rankings!



- Number and Different types of I&E and IPR activities Conducted: 60
- No. of student's & faculty ideas generated: 145 Nos.

Ideas Generated as part of the Innovation Contest at MIC portal: 52 Nos

List of Few Ideas generated.

- | | |
|---|--|
| ○ Immerse.VR | ○ Mobile Application for PI |
| ○ Duckietown | ○ JammuGPT |
| ○ Asset Management app | ○ Seedo.ai |
| ○ Student Counselling System with AI | ○ People.ai - Smart recruitment for smart institutions |
| ○ Video Based Chatbot System for Personalized Counselling | |



- No. of students & faculty Innovation/prototypes developed: 57
- No. of Student & Faculty Start-ups/Ventures established: One startup PI360 has been established as a Venture



- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: Rs 4,10,000 (Three Lakh Twenty Thousands only)
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: Rs 7,50,00 (Seven Lakh fifty thousand only)
- No. of Technology Transfer and Commercialisation happened: One (1 Nos.) Start-up “PI360” has been commercialized.



F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum		
S.No	Name	Profile along with Achievements/ Rewards for innovations at different forums
1.	Prof. (Dr.) Ankur Gupta	Prof. (Dr.).Ankur Gupta is the Director at Model Institute of Engineering & Technology besides being a Senior Professor in the Department of Computer Science and Engineering. Prior to joining academia, he worked as Technical Team Lead at Hewlett Packard India and USA, developing software in the network management and e-Commerce domains. He obtained his B.E (Hons.) Computer Science and MS Software Systems degrees from BITS, Pilani and PhD from the National Institute of Technology, Hamirpur. He has over 26 years of experience spanning industry and academia. He is a serial innovator, with 12 patents, 8 Design Registrations and 1 Copyright granted out of the 54 patents filed at the Indian Patents Office. He has published 90+ peer-reviewed papers in reputed international journals and conferences and is a recipient of the AICTE Career Award for Young Teachers, awarded to promising researchers under the age of 35 on a nationally competitive basis. He has received competitive grants over INR 2.5 Crores from various funding agencies besides faculty awards from IBM and EMC. He is the creator of Performance Insight 360 (PI-360), a quality analytics framework for higher education, which received the Quality Council of India's D.L Shaw Platinum Award.
2.	Prof. (Dr.) Sahil Sawhney	He is General Manager Strategic Initiatives at Model Institute of Engineering and Technology, Jammu. His core areas of expertise include Strategic Management, Operational Excellence, NAAC and NBA accreditation, Digital Marketing and Entrepreneurship. He has more than 16 years of expertise in Higher Education and IT industry. He has filed 10 patents and has published 15 research papers in international journals/conferences. He is founding member of the faculty led startup and has also generated grants worth Rs 50 Lakhs. (Prof.) Dr. Sawhney is a recipient of 8th I3 India Innovation Startup Award, certified International Lead auditor ISO 9001:2015 and CMI level 5 certified professional. He is the Vice- President of IIC at MIET.
3.	Dr. Ankita Nanda	She is an Associate Professor & Head of Department, MBA. She completed her PhD. in marketing in the year 2013 in Marketing from the University of Jammu on the topic Multidimensional Framework of Impulse buying: A study of Urban Consumers. Dr. Nanda has 15 years of experience in teaching and is a qualified NET-JRF. Her areas of interest include Consumer Behaviour, Retail management, Entrepreneurship, etc. She has several publications in Journals of National and International Repute. She is also the Official Licensee of the International TEDx Event and has organized several high-end events at the Institute. Dr. Nanda is empanelled as an expert trainer for the Regional Training Institute Jammu and has conducted several trainings on Industrial Relations, Stress Management, Discipline, Teamwork etc... She is also a founding member of the Center for Research, Innovation and Entrepreneurship (CRIE) at MIET. She is also the IPR coordinator and Innovation Ambassador



G. Highlight selected best Innovations & images with mention of inventor/innovation name

- A patent on "A Portable Pet Processing Unit for Pet LifeCycle Management" has been filed at the Indian Patents Office by student Ms. Farheen Shaad under the mentorship of Prof. Ankur Gupta, Prof. Sahil Sawhney and Dr. Bhagyalakshmi. The patent describes a system allowing pet breeders, veterinary doctors, municipal limits to track pets across their lifecycle using injectable RFID tags, AI, blockchain ensuring transparency and immutability. The system addresses challenges around illegal pet trade, pet disease outbreak and control, pet licenses and fixing accountability on owners, pet traceability and regulating the overall sector.



The Indian Patents Office granted 17 patents to MIET faculty during the last academic year.



**H. Highlight selected start-ups established by students/faculties**

- One startup PI360 has been established as a Venture as mentioned as achievements at para E above. The Startup has been founded by Prof. (Dr.) Ankur Gupta and Prof. (Dr.) Sahil Sawhney.

The J&K Govt. has designated MIET to implement the PI-360 quality analytics framework at 11 Govt. colleges as a pilot project. This is immense recognition for MIET's growing stature as a centre for innovation and excellence in IT/ICT. What is heartening to note is that the J&K Govt. evaluated software from several vendors before deciding on PI-360 as a superior and more comprehensive alternative to meet their accreditation management needs. MIET will build a dashboard for the J&K Govt. to help track quality across all their institutions in a phased manner.

List of College implementing PI-360

S.No.	Institution
1	Panipat Institute of Engineering and Technology
2	JKKN College of applied sciences
3	JKKN College of education
4	JKKN college of engineering
5	JKKN Dental College
6	JKKN college of pharmacy
7	JKKN college of nursing
8	SRMS College of Engineering and Technology
9	SRMS College of Engineering, Technology & Research
10	Birla Global University
11	GCRG Group of Institutions Lucknow
12	Amrapali Group of Institutes
13	Soil Institute of Management
14	Jharkhand Rai University(JRU)
15	Sri Satya Sai Institute of Higher Learning
16	Maya Devi Group of Institutions
17	NGF College of Engineering and Technology
18	SRMS IBS
19	Martin Luther Cristian University
20	MEASI
21	Model Institute of Engineering and Technology
22	Model Institute of Education and Research
23	University of Jammu



I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation: NIL

1. A METHOD FOR QUALITATIVE ANALYSIS AND FITMENT RATING OF PROSPECTIVE FACULTY MEMBERS IN ACADEMIC INSTITUTIONS

The proposed invention addresses the shortcomings of traditional solutions, by using a combination of Robotic Process Automation (RPA) and Artificial Intelligence (AI) to automate faculty shortlisting, determining their quality of teaching, validate and verify their academic information, provide predictive analytics on faculty performance and determine their potential fitment within the institution.

2. A LOW-COST METHOD FOR CREATING SILENT ZONES FOR MOBILE DEVICES IN PUBLIC AREAS

This invention provides a low-cost method to create silent zones in public places or at events which require that mobile devices be turned silent to prevent disturbance and inconvenience to people. The proposed method relies on wi-fi access points to broadcast the availability of the 'SILENT ZONE' wireless local-area network (WLAN) to mobile devices.

3. A SYSTEM AND METHOD OF AUTOMATED AUTHENTICITY CHECKING OF INFORMATION SHARED ON MOBILE MESSAGE SHARING APPLICATIONS

The proposed invention builds a hierarchical database of authentic information through mining a multitude of trusted sources on the internet and social media feeds. The proposed invention also allows users to share information sources with the system to help update the database of authentic information after verification and improve system accuracy in a collective manner.

J. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- ARIIA – MIET, Jammu participated in the ARIIA ranking framework and Received the BAND PERFORMER
- NISP Adoption status - MIET IIC has Trained all Faculty about NISP, The Innovation and Start-up Policy has been formulated and published and implemented. In addition, MIET has established a SEED funding policy and an IPR policy
- MIET has participated in various Hackathons as under:
 - a. Smart India Hackathon
 - b. Yukti Innovation Challenge 2023

K. Detail of Social Media & Connections of IIC institute:

- **Facebook:** The Facebook Page of Institutions Innovation Council at MIET is named as “MIET Institution Innovation Council” and can be accessed through this Link: <https://www.facebook.com/MIET-Institution-Innovation-Council-107810634840540>
- **Youtube:** The Youtube Channel of Institutions Innovation Council at MIET is named as “MIET IIC” and the same can be accessed through this open Link: https://www.youtube.com/channel/UCaTLaJE7PSL_fVoT77q6MXg



MODEL INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
(Permanently Affiliated to the University of Jammu, NAAC 'A' Grade Accredited)
IIC Annual Report 2023-24

**L. Testimonials from IIC members and external about IIC institute and IIC of MoE's
Innovation Cell:**

IIC MIET Testimonial

Inbox x



LATIKA SHARMA

9:12 AM (17 minutes ago)



to me

Greetings,

For me, the MIET IC Chapter has changed everything. It's a thriving community that encourages creativity. They have a variety of activities, such as seminars and hackathons, that have helped me develop my talents, meet like-minded people, and get insights into the corporate world. The resolute assistance of professionals has been priceless in assisting me in achieving achievement. This chapter offers venues for showcasing talent and cultivates a progressive mindset. I owe the MIET IIC Chapter a great deal of my personal development and self-assurance. Anyone hoping to succeed in the realm of innovation and startups has to have it.

In addition, Abhishek Sir has always supported me, and for that, I am incredibly grateful. All of this is made possible by Abhishek Sir's unwavering encouragement and support. Sir, I am so appreciative that our campus is home to the Institute Innovation Council.

Thanks and regards

Latika Sharma

Civil Engineering department

Model Institute of Engineering and Technology

Kot Bhalwal, Jammu.

Respected Sir,

I hope you are doing well.

I would like to say that I am very thankful to the Institute Innovation Council (IIC) of my college, MIET for playing a significant role in my academic path. IIC has given me great opportunities to improve my skills, especially through seminars and hackathons. These experiences have expanded my knowledge of the technical and commercial sides of engineering, as well as introduced me to a network interconnected with other innovators.

The support and guidance from the IIC team, especially from Abhishek Sir, have been extremely valuable. Their mentorship has encouraged me to step out of my comfort zone and break boundaries from my project and academics. I strongly believe that the IIC Chapter at MIET is an essential platform for any student aiming to grow in the realms of innovation and entrepreneurship.

I am truly grateful to be part of such an inspiring initiative at MIET, and I look forward to contributing to its continued success.

Best regards,

Vedika Nagalia

7th Semester, Civil Engineering Department

Model Institute of Engineering and Technology

Greetings,

I would like to share how the IIC Chapter at MIET has significantly contributed to my growth as a student. It has provided me with various opportunities through hackathons and seminars, helping me gain valuable skills and insights that have supported my personal and professional development.

A special thanks to Abhishek Sir, whose constant guidance and motivation have been truly inspiring. His support has played a key role in pushing me forward.

I believe the IIC Chapter is an excellent platform for anyone interested in innovation and startups.

Regards,

Hemaal Gupta

Civil Engineering Department

Model Institute of Engineering and Technology

Kot Bhalwal, Jammu



M. Images

IIC ACTIVITY CONDUCTED IN 2023-24

S.No	IIC Activities
1	Workshop on "Entrepreneurship and Innovation" as Career Opportunity
2	My Story - Motivational Session by Successful Innovators
3	My Story - Motivational Session by Successful Entrepreneur/Start-up founder
4	Session on Problem Solving and Ideation Workshop (Masterclass on Design thinking)
5	Exposure and field visit for problem identification
6	Organize an Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas.
7	Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors
8	Workshop on Design Thinking, Critical thinking and Innovation Design
9	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community
10	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL);
11	Workshop on Entrepreneurship Skill, Attitude and Behavior Development
12	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit
13	Field/Exposure Visit to Pre-incubation
14	Organize an Inter/Intra Institutional Innovation Competition and Reward Best Innovations.
15	Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors
16	Workshop on Prototype/Process Design and Development.
17	Session/ Workshop on Business Model Canvas (BMC)
18	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre
19	Session on "How to plan for Start-up and legal & Ethical Steps"
20	Workshop on Intellectual Property Rights (IPRs) and IP management for start up
21	Organize an Inter/Intra Institutional Business Plan Competition and Reward Best Innovations.
22	Demo Day/Exhibition/Poster Presentation of Business Plans & linkage with Innovation Ambassadors
23	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up
24	Session on Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs
25	Organize Session on "Lean Start-up & Minimum Viable Product/Business"
26	Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs."
27	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers
28	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community
29	Organize an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups
30	Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors





MODEL INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

(Permanently Affiliated to the University of Jammu, NAAC 'A' Grade Accredited)

IIC Annual Report 2023-24

RESEARCH PUBLICATIONS

891

TOTAL
PUBLICATIONS

Total Publications

13522

TOTAL CUMULATIVE
CITATIONS

Total Cumulative Citations

30

INSTITUTE H-INDEX

Institute h-Index

315

INSTITUTE I10
INDEX

Institute i10 Index

WORKSHOPS



EXPOSURE VISITS



INDUSTRY IMPACT LECTURES





N. Contact:

President	: Prof. (Dr.) Ankur Gupta
Email	: ankur.gupta@mietjammu.in
Vice- President	: Prof. (Dr.) Sahil Sawhney
Email	: sahil@mietjammu.in
Convener	: Mr. Abhishek Chandra
Contact No.	: 9871840253
Email	: Abhishek.civ@mietjammu.in
Address	: Model Institute of Engineering and Technology, Kot Bhalwal, Jammu - 181122