3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) during the year 2023-24

S.No.	Name of the workshop/ seminar	Page No.
1	Online Workshop on "Patent- What Every Professional Should Know About It"	2
2	Guest Lecture on "Overview of Intellectual Property Rights (IPR) and its Importance"	6
3	Technology-Based Entrepreneurship Development Programme	9
4	Women's Entrepreneurship Development Programme	10
5	Women's Entrepreneurship Development Programme	11
6	Summer Internship on VR, 3D Printing & Data science School of 3D Desing, School of XR Design	12
7	Skillsprint: A Journey from Python to Tableau School of AI, ML & DS	13
8	"DESIGN RUSH: 3-day Workshop on Figma"School of UI/UX design	14
9	DRONE workshop – Design School of 3D Design	15
10	Workshop on prototype/process and development	16
11	National technology day	21
12	Field/Exposure visit to Pre-incubation units	27
13	World Intellectual Property day	32
14	Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transfer	37
15	National Science Day	42
16	Field/Exposure visit to Pre-incubation units and Design Centres	49
17	Workshop on schemes for Start-ups and MSME development under IIC	53
18	Innovation & entrepreneurship outreach program	57
19	National startup day	62
20	National youth day	67
21	Mentoring Event: Experts for Mentorship Support	71
22	Ideathon 24	75
23	Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transfer	79
24	Live Telecast on the launch of the portal for Viksit Bharat@2047	84
25	Report for Inter/Intra Institutional Idea Competition-IDEATEX By E-Cell KIET	88
26	IIC Regional Meet2023, Noida	92
27	National Education Day	97
28	Celebration of National Entrepreneurship Day on 9th Nov 2023	104
29	Motivational Session by Successful Entrepreneur/Start-up founder.	108
30	My Story - Motivational Session by Successful Innovators.	113
31	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	118
32	Celebration of Innovation day	123
33	Session on Problem solving and ideation workshop	127
34	FDP on Entrepreneurship & Startup	132

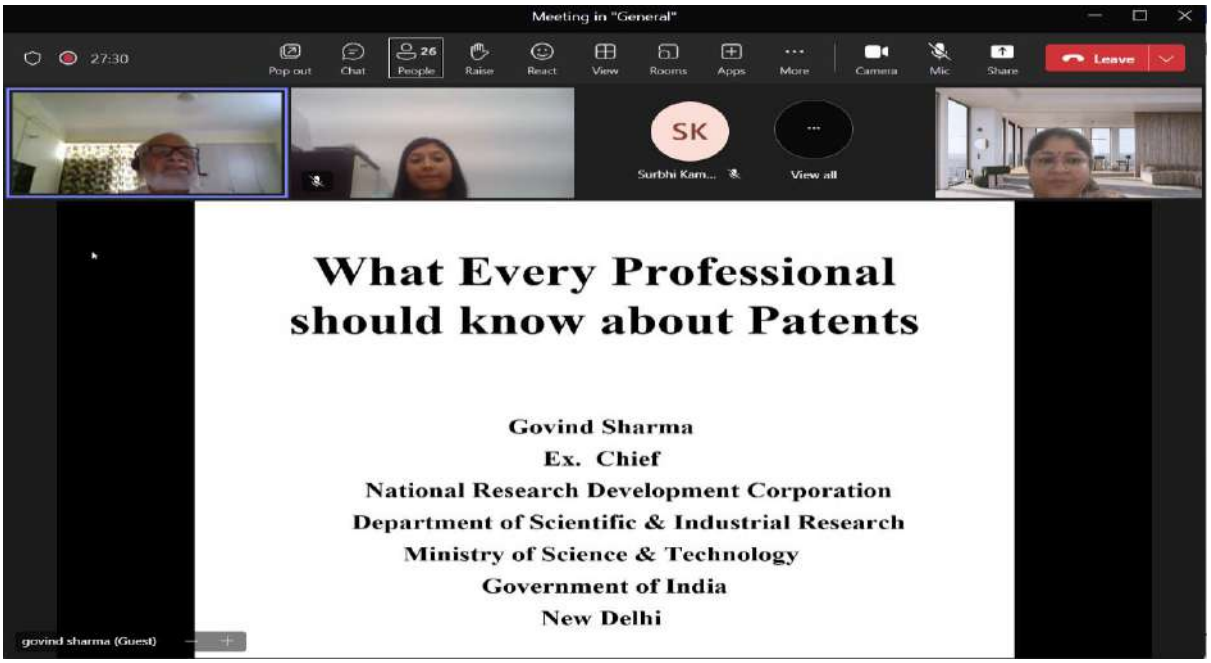
INTERNAL QUALITY ASSURANCE CELL

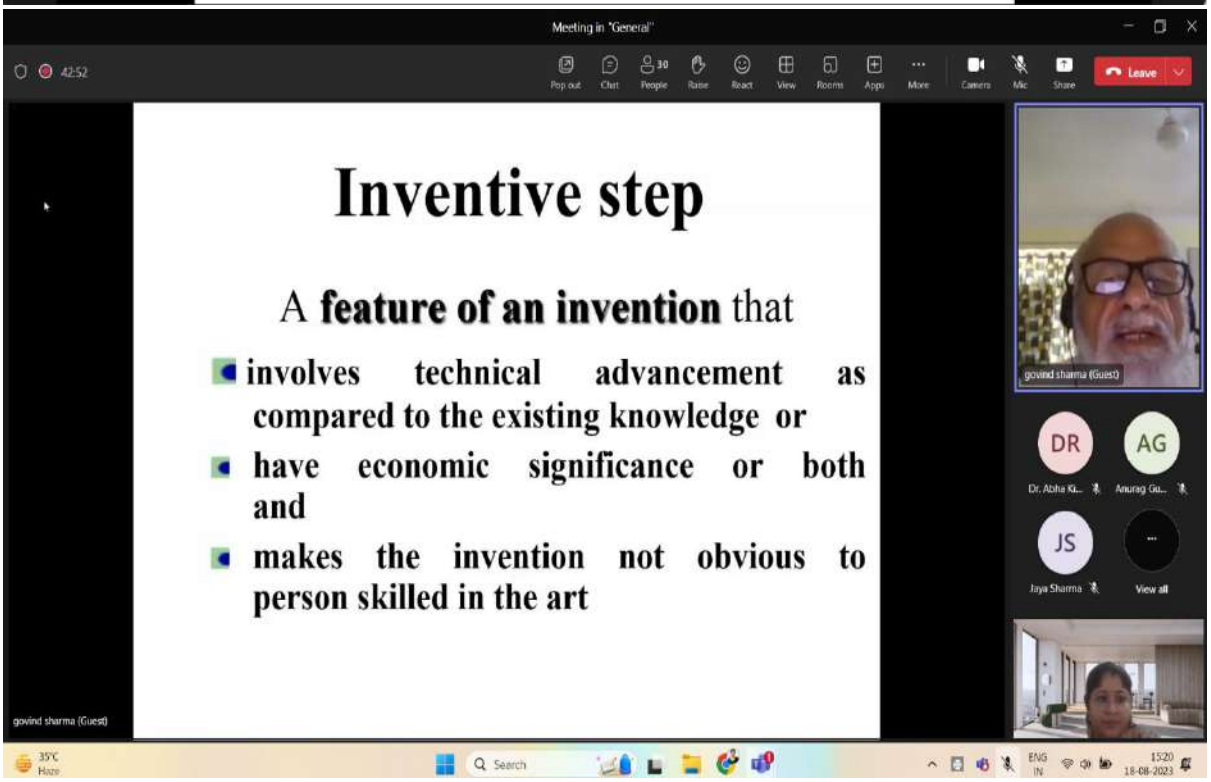
Online Workshop
on
"Patent- What Every Professional Should Know About It''
18th AUG'2023
Time: 3:00-4:00 PM at MS Team Platform

Poster of the Online Workshop

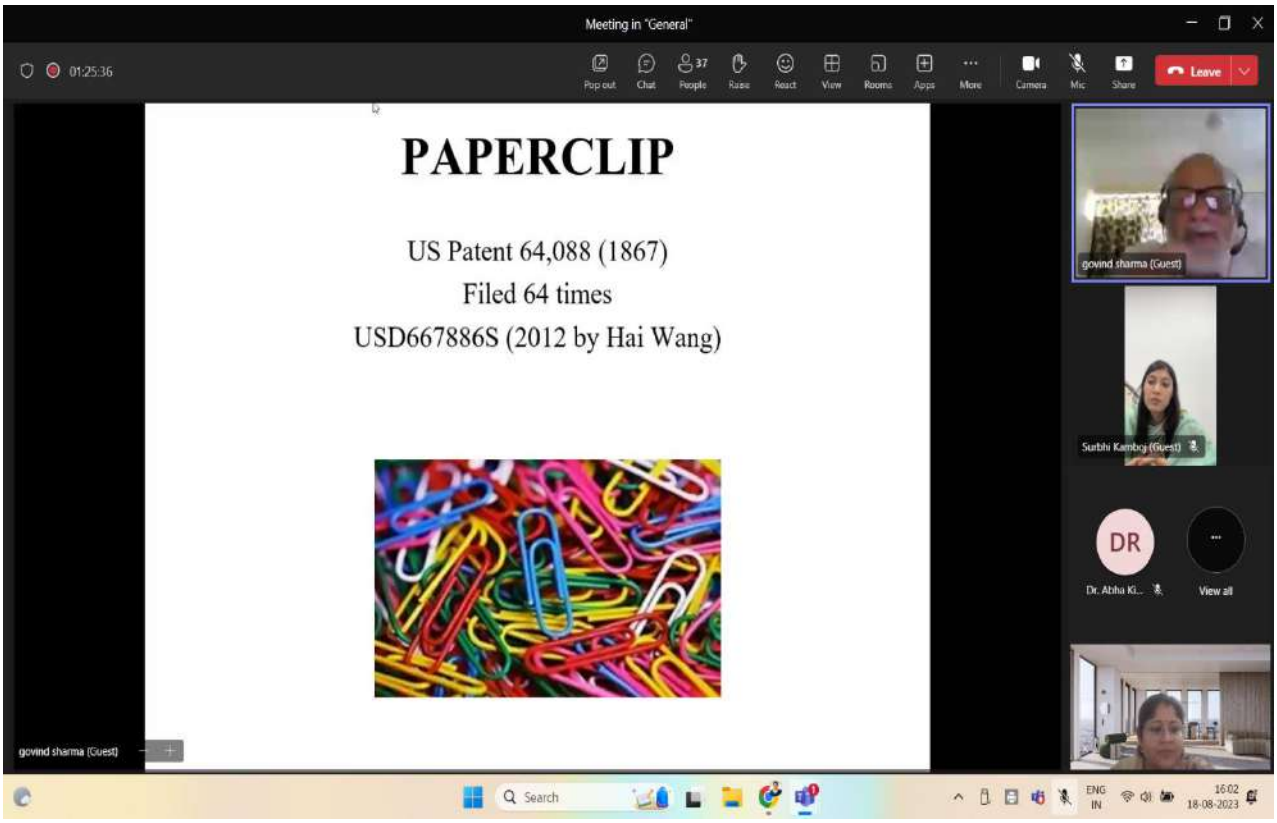
INTERNAL QUALITY ASSURANCE CELL

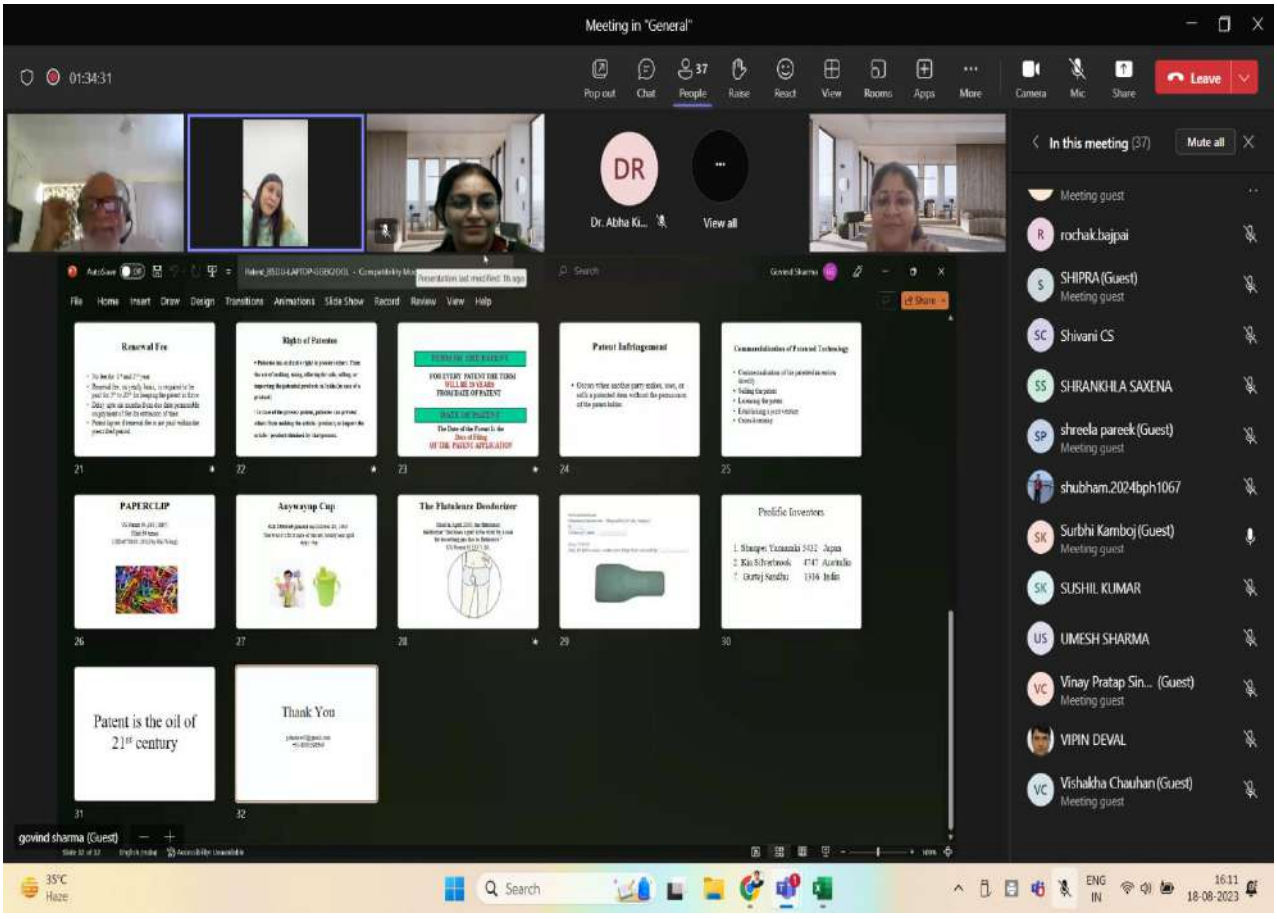
GLIMPSES OF THE ONLINE WORKSHOP





INTERNAL QUALITY ASSURANCE CELL





A Report

KIET Group of Institutions organized a **Workshop on "Patent- What Every Professional Should Know About It" on 18-08-2023 in online mode.** This workshop was organized with an objective of spreading awareness of IPR and facilitating the creation and commercialization of IP assets.

The speaker of the event was **Shri Govind Sharma** (Ex-Chief of National Research Development Corporation -An Enterprise of Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India, New Delhi). The programme commenced with the welcoming of **Dr. Vibhav Kumar Sachan** – HoD,ECE and Dean R&D, **Dr. Ruchita Gautam** – Associate Dean R&D and Addl HOD,ECE, **Dr. Richa Goel** –Assistant Dean R&D (IPR), **Shri Govind Sharma ji**-Distinguished guest and Eminent Speaker for the Workshop**,** participant faculty members and students. A brief profile of speaker **Shri Govind Sharma** was shared highlighting his 4 decades of experience in handling issues related to Patent/IP in private/ government organizations including IIT, Kharagpur.

Shri Govind Sharma delivered his talk by giving deep insight into various types of Intellectual property rights and their applications. He also explained the types of patent application and basic procedures for Patent filing in a very elaborative manner so that it can be grasped by all the participants. He also focused his talk on patent infringement and commercialization of patent technology.

Around **50 participants** (faculty and students from all departments of KIET) attended the National Workshop.

The session was formally ended by giving a Vote of Thanks to the Speaker, Chief Patron, Patron, Convener, Co-convener, other dignitaries, faculty and student participants by **Ms. Surbhi Kamboj.**

NIRF-2023
Engineering Rank Band (151-200)
Pharmacy Rank - 88
Innovation Rank Band (51-100)

www.kiet.edu
Delhi-NCR, Ghaziabad

KIET GROUP OF INSTITUTIONS
Connecting Life with Learning

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NAAC with Grade "A+"

INTERNAL QUALITY ASSURANCE CELL

Guest Lecture

on

"Overview of Intellectual Property Rights (IPR) and its Importance"

30th April '2024

Time: 3:15 PM -4:30 PM
at CRPC Conference Hall, KIET

Poster of the session

INTERNAL QUALITY ASSURANCE CELL

GLIMPSES OF THE SESSION

INTERNAL QUALITY ASSURANCE CELL

A Report

KIET Group of Institutions has Organized an Offline Session on **"Overview of Intellectual Property Rights (IPR) and its Importance"** on 30-04-2024 on the occasion of **World Intellectual Property Day**, for the faculty members and students.

The guest speaker for the session was **Dr. Richa Goel, Assistant Dean R&D (Patents),** KIET Group of Institutions and IPR Coordinator.

She discussed the significance of patents, their types, and the process of filing them. She explained what a patent is, its importance, and the different types of patents that exist. Dr. Goel also detailed the procedures involved in filing a patent, including the necessary forms and their importance in the process. She provided insights into the fees associated with patent filing and the renewal times for different types of patents. Overall, Dr. Goel provided a comprehensive understanding of patents to the audience during her engaging presentation.

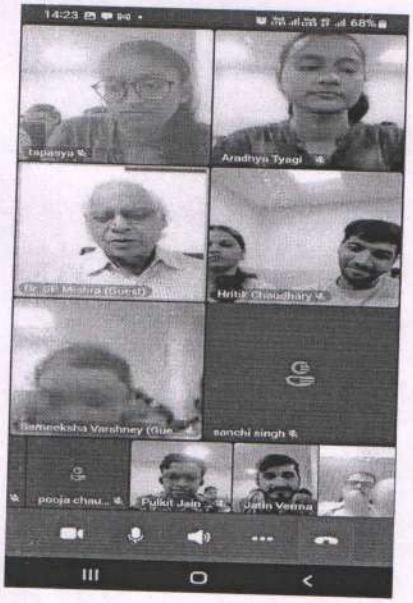
Around 120 participants (faculty and students) attended the session.

Technology Business Incubator, KIET Group of Institutions

Name of the programme/workshop - Technology Based Entrepreneurship Development Programme
Date of the programme - 13 September 2023 to 09 October 2023
Duration of programme (in hours) - 96

Objectives of the workshop- TEDP is a training programme designed to motivate and develop ntrepreneurs in Technology related areas for themes that are of big importance. Participants are imparted Entrepreneurship related knowledge through well structured expert lectures and interactions.- Participants are imparted training on techno-managerial topics as well as ICT skills covering wide range of important topics that are useful for the young entrepreneur
Event organized: Online

No. of students who have completed the training – 25
Evidence link- https://teams.microsoft.com/l/meetup-join/19%3aKpeBAtVGvAVbJLWI08bcCsA98NbKayHo2Oyz73zu7-g1%40thread.tacv2/1694667737968?context=%7b%22Tid%22%3a%220c2c5eb2-7477-4593-ac08-f1de3be027d2%22%2c%22Oid%22%3a%2250dad098-1092-4529-9661-9be55c363a7a%22%7d



Signature and Seal
Mr. Awadesh Kumar
Startup Activity Coordinator
TBI- KIET Group of Institutions

Technology Business Incubator KIET ★ GHAZIABAD ★ KIET Group of Institutions

Technology Business Incubator, KIET Group of Institutions

Name of the programme/workshop - Women's Entrepreneurship Development Programme
Date of the programme – 23 January 2024 to 14 February 2024
Duration of programme (in hours) - 72

Objectives of the workshop- Women Entrepreneurship Development Programme (WEDP) aims at training the S&T graduates and diploma holders in the essentials of conceiving, planning, initiating and launching an economic activity or an enterprise successfully.

Event organized: Online
No. of students who have completed the training – 25
Evidence link-
https://teams.microsoft.com/l/meetupin/19%3ameeting_NWU2ZWMwNDMtNTc0Yi00MmQyLTk1NzItMjg3NmUwMWU0MzA3%40thread.v2/0?context=%7b%22Tid%22%3a%220c2c5eb2-7477-4593-ac08-3be027d2%22%2c%22Oid%22%3a%22a8127b1f-ca7e-45ae-a139-4d429eaf7237%22%7d

Photos of the workshop -

Signature and Seal
Mr. Awadesh Kumar
Startup Activity Coordinator
TBI- KIET Group of Institutions

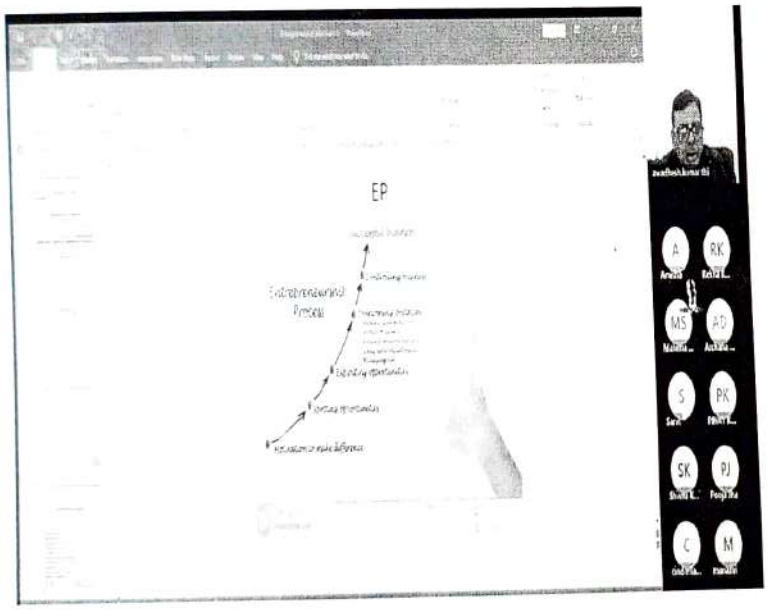
Technology Business Incubator-KIET GHAZIABAD

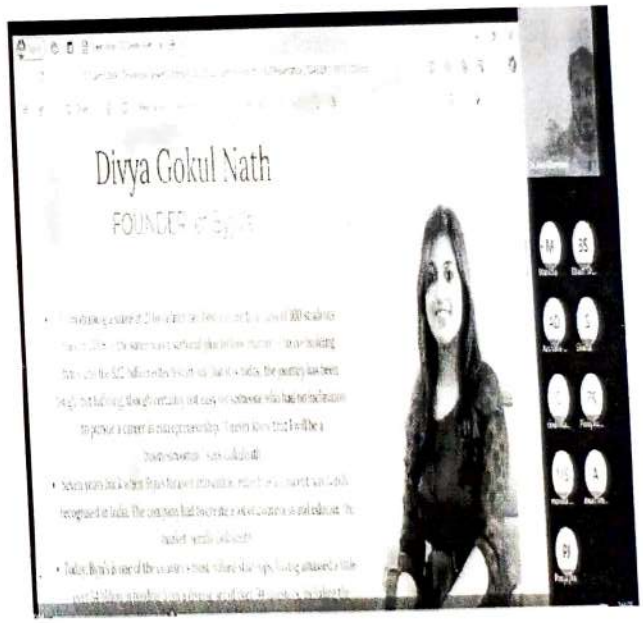
Technology Business Incubator, KIET Group of Institutions

Name of the Programme/workshop - Women's Entrepreneurship Development Programme
Date of the programme – 08 November 2023 to 09 February 2024
Duration of programme (in hours) - 72

Objectives of the workshop- Women Entrepreneurship Development Programme (WEDP) aims at training the S&T graduates and diploma holders in the essentials of conceiving, planning, initiating and launching an economic activity or an enterprise successfully.
Event organized: Online
No. of students who have completed the training – 25
Evidence link-
https://teams.microsoft.com/l/meetupin/19%3ameeting_NWU2ZWMwNDMtNTc0Yi00MmQyLTk1NzItMjg3NmUwMWU0MzA3%40thread.v2/0?context=%7b%22Tid%22%3a%220c2c5eb2-7477-4593-ac08-3be027d2%22%2c%22Oid%22%3a%22a8127b1f-ca7e-45ae-a139-4d429eaf7237%22%7d

Photos of the workshop -





Signature and Seal
Mr. Awadesh Kumar
Startup Activity Coordinator
TBI- KIET Group of Institutions

Technology Business Incubator-KIET ★ KIET Group of Institutions ★ GHAZIABAD

Innovation Centre, KIET Group of Institutions

Name of the programme/workshop – Summer Internship on VR, 3D printing & data science school of 3D design , school of XR design

Date of the programme – 21 August 2023 to 6 September 2023

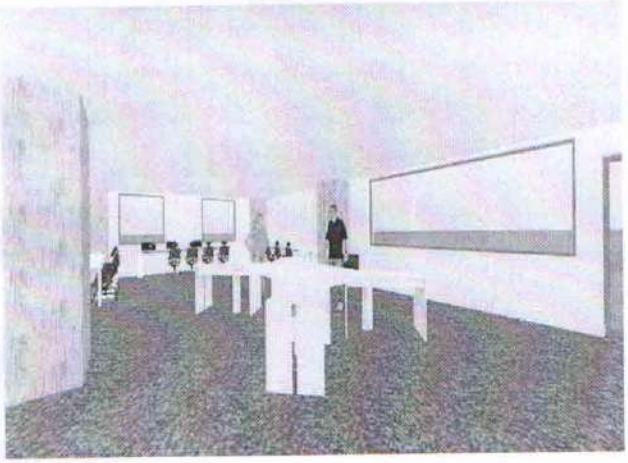
Duration of programme (in hours) - 30

Objectives of the workshop- Understand the fundamentals of XR technologies, 3 D printing including VR, AR, and MR, and their applications across various industries. It offers an immersive platform for training, simulation, and real-time monitoring of carrier operations across various sectors

Event organized: Offline

No. of students who have completed the training – 10

Photos of the workshop -



Signature and Seal
Dr. Sachin Rathore
Head, Innovation Centre
KIET Group of Institutions

GROUP OF INSTITUTIONS GHAZIABAD

Innovation Centre, KIET Group of Institutions

Name of the workshop – Skillsprint: A Journey from Python to Tableau School of AI, ML & DSDate of the programme

Date of the workshop - 16 October 2023 to 19 October 2023

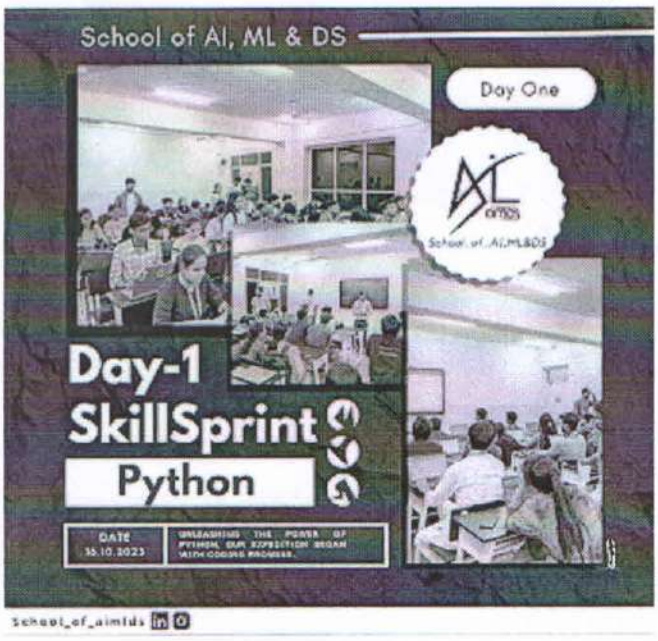
Duration of workshop (in hours) - 40

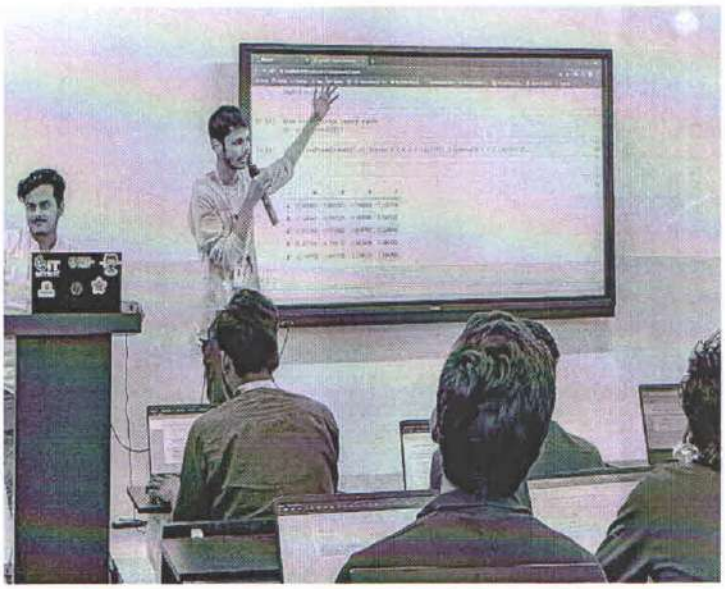
Objectives of the workshop- The goal of the event was to prepare students for a career in Data Analytics, and we couldn't be prouder of the progress made.

Event organized: Offline

No. of students who have completed the training – 67

Photos of the workshop -





Signature and Seal

Dr. Sachin Rathore
Head, Innovation Centre
KIET Group of Institutions

KIET GROUP OF INSTITUTIONS GHAZIABAD

Innovation Centre, KIET Group of Institutions

Name of the workshop - DESIGN RUSH: 3-day Workshop on Figma "School of UI/UX design (Entrepreneurship carrier in designing)

Date of the workshop – 2 November 2023 to 4 November 2023

Duration of workshop (in hours) - 40

Objectives of the workshop- The goal of the event was to familiarize students with what Figma is and how it work and how students make a startup or enterprise successfully with the help of Figma and 3 D designing.

Event organized: Offline

No. of students who have completed the training – 65

Photos of the workshop -

SA1

Signature and Seal
Dr. Sachin Rathore
Head, Innovation Centre
KIET Group of Institutions

KIET GROUP OF INSTITUTIONS GHAZIABAD

Innovation Centre, KIET Group of Institutions

Name of the workshop - DRONE workshop – Design School of 3D Design (Entrepreneurship carrier in designing & drone technology)

Date of the workshop – 22 November 2023 to 25 November 2023

Duration of workshop (in hours) - 30

Objectives of the workshop- Throughout the workshop, participants delved into the intricacies of drone design, exploring cutting-edge technologies and pushing the boundaries of creativity. From conceptualization to prototyping, our students demonstrated exceptional skills and enthusiasm, making the event a resounding success and these workshops helps the students in his /her entrepreneurial carrier in the various domains.

Event organized: Offline

No. of students who have completed the training – 22

Photos of the workshop -

Signature and Seal
Dr. Sachin Rathore
Head, Innovation Centre
KIET Group of Institutions

KIET GROUP OF INSTITUTIONS GHAZIABAD

IIC Report- Activity

Name of the activity: Workshop on Prototype/Process Design and development on 29thMay 2024

Duration:1:30hr (3:00 pm - 4:30 pm)

Start Date:29th May 2024

End Date:29th May 2024

No. of student participants:72

No. of Faculty Participants: 3

No. of External participants: Nil

Objective (in 100 letters): The objective of a workshop on prototype/process design and development is to equip participants with the knowledge and skills necessary to transform innovative ideas into tangible products or efficient processes. This workshop aims to provide a comprehensive understanding of the entire design and development cycle, from initial concept to final prototype. Participants will learn key principles of design thinking, prototyping techniques, and process optimization. The workshop will also cover the use of modern tools and technologies, such as CAD software and rapid prototyping methods, to accelerate development. Additionally, the workshop will foster collaboration and creative problem-solving, enabling participants to address real-world challenges in product and process development.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters): Attending a workshop on prototype/process design and development offers numerous benefits in terms of learning, skills, and knowledge acquisition:

Design Thinking and Creativity: Participants will develop a strong foundation in design thinking principles, enabling them to approach problems creatively and generate innovative solutions.

Prototyping Skills: The workshop provides hands-on experience with various prototyping techniques, such as 3D printing, CAD modeling, and rapid prototyping, allowing attendees to bring their ideas to life quickly and efficiently.

Process Optimization: Attendees will learn how to streamline processes, identify inefficiencies, and implement improvements, which is crucial for enhancing productivity and reducing costs in product development.

Technical Proficiency: Knowledge of modern design tools and technologies, including software for computer-aided design (CAD) and simulation, equips participants with the technical skills needed to create detailed and functional prototypes.

Project Management: The workshop covers essential project management skills, such as planning, scheduling, and resource allocation, ensuring that projects are completed on time and within budget.

Collaboration and Teamwork: Through group activities and collaborative projects, participants will improve their ability to work effectively in teams, communicate ideas clearly, and integrate diverse perspectives.

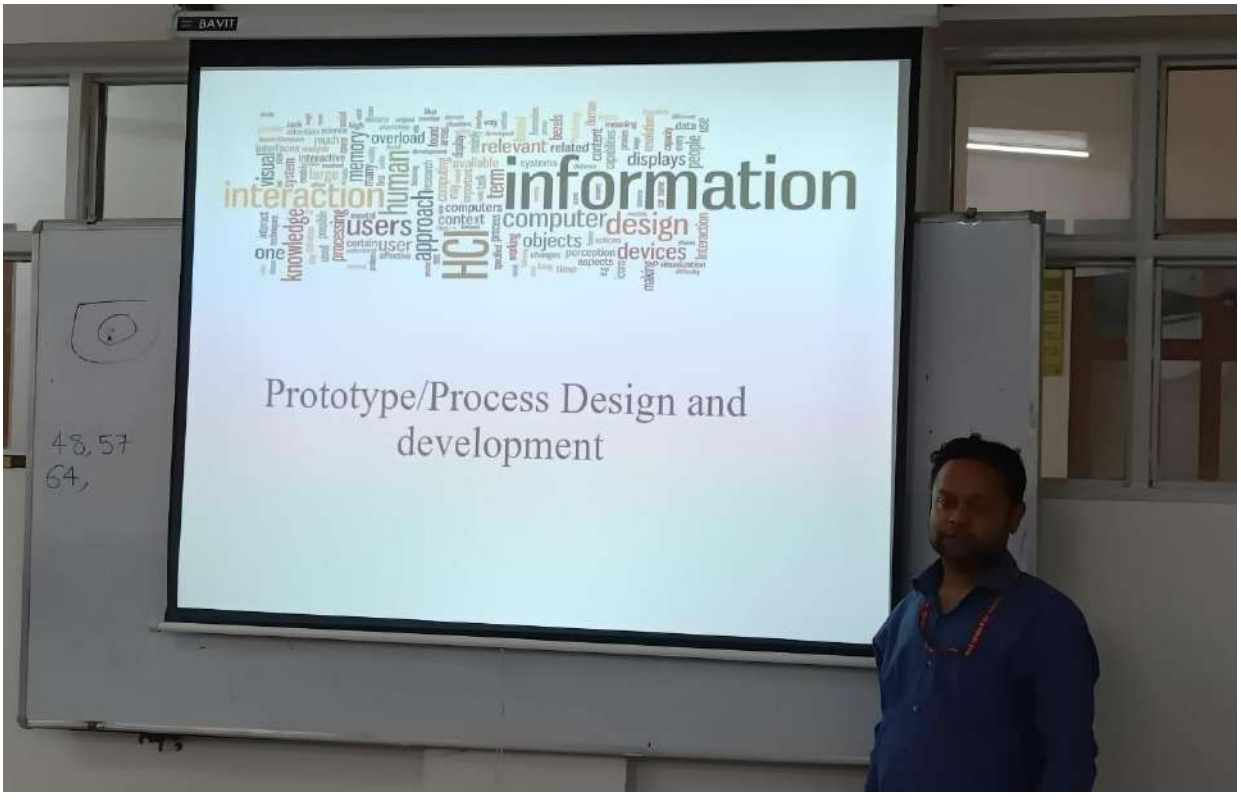
Problem-Solving Abilities: Real-world case studies and practical exercises enhance critical thinking and problem-solving skills, enabling participants to tackle complex challenges in design and development.

Industry Insights: Exposure to current trends and best practices in prototype and process development provides valuable insights that can be applied in various industries, enhancing participants' career prospects and professional growth.

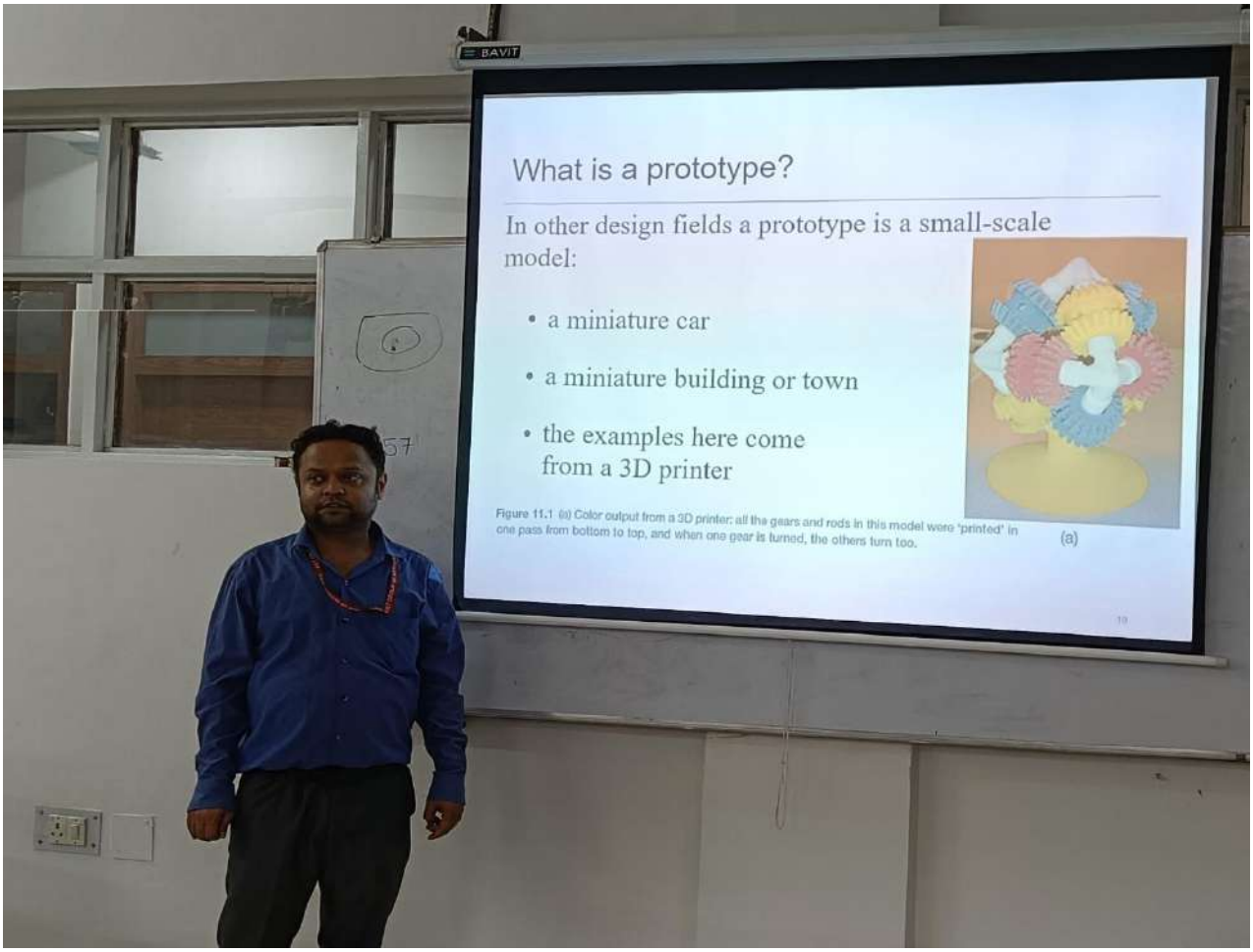
Poster of the event:

Photograph 1(image):

Photograph 2(image):



Photograph 3(image):



Overall report of the activity (word file and PDF both) min 250 words:

The workshop on prototype/process design and development was held on 29 may 2024 from 3:00 pm to 4:30 pm at E- Block KIET Group of Institutions, attracting a diverse group of participants. The primary objective was to equip attendees with the knowledge, skills, and tools necessary to transform innovative ideas into practical, functional prototypes and optimized processes

The workshop included expert talk from Mr. Ashish Kumar Singh. The session provided insights into both theoretical and practical aspects of design and development.The workshop began with an introduction to design thinking, emphasizing user-centric design and creative problem-solving. Participants engaged in interactive sessions to brainstorm and develop innovative solutions to common challenges.Participants learned about rapid prototyping and iterative design processes.Participants were introduced to various project management tools and techniques, such as Gantt charts, the Critical Path Method (CPM), and Agile methodologies.

Lecture covered lean manufacturing principles, Six Sigma methodologies, process mapping, project planning, resource allocation, and risk management. Lecture concluded with discussions on the significance of continuous improvement and the role of process optimization in enhancing productivity and reducing costs

The workshop successfully provided participants with a comprehensive understanding of prototype and process design and development. Key takeaways included:

Enhanced creativity and innovation through design thinking.

Practical skills in CAD modeling, 3D printing, and rapid prototyping.

Knowledge of process optimization techniques and project management.

Improved teamwork, communication, and problem-solving abilities.

The workshop was well-received, with participants expressing high levels of satisfaction and confidence in applying the skills learned to their professional roles. Overall, the workshop on prototype/process design and development was a resounding success, fostering innovation, enhancing skills, and promoting collaborative problem-solving among participants.

Jai Hind!

IIC Report

on

“National Technology Day”

Name of the activity:

One Day Workshop on “MATLAB and Simulink.”

Promotion in Social Media:

1. https://www.facebook.com/kiet.edu/posts/pfbid02LqTB4xKYH12B7R28AKHYowDG6pobYnZyVh49YnibeYbubDT93V6F8H7VFGAz63yal
2. https://www.instagram.com/p/C7RDk_atygA/?utm_source=ig_web_copy_link
3. https://www.linkedin.com/feed/update/urn:li:ugcPost:7198984908629827584/
4. https://x.com/Kiet_edu/status/1793219216784367873

Duration: 5 Hrs

Start Date: 08/05/2024

End Date: 08/05/2024

No. of student participants: 200

No. of Faculty Participants: 04

No. External participants: 00

Objective:

Objective of the workshop was to make the students aware about the benefits of using MATLAB, Simulink and Simscape in engineering.

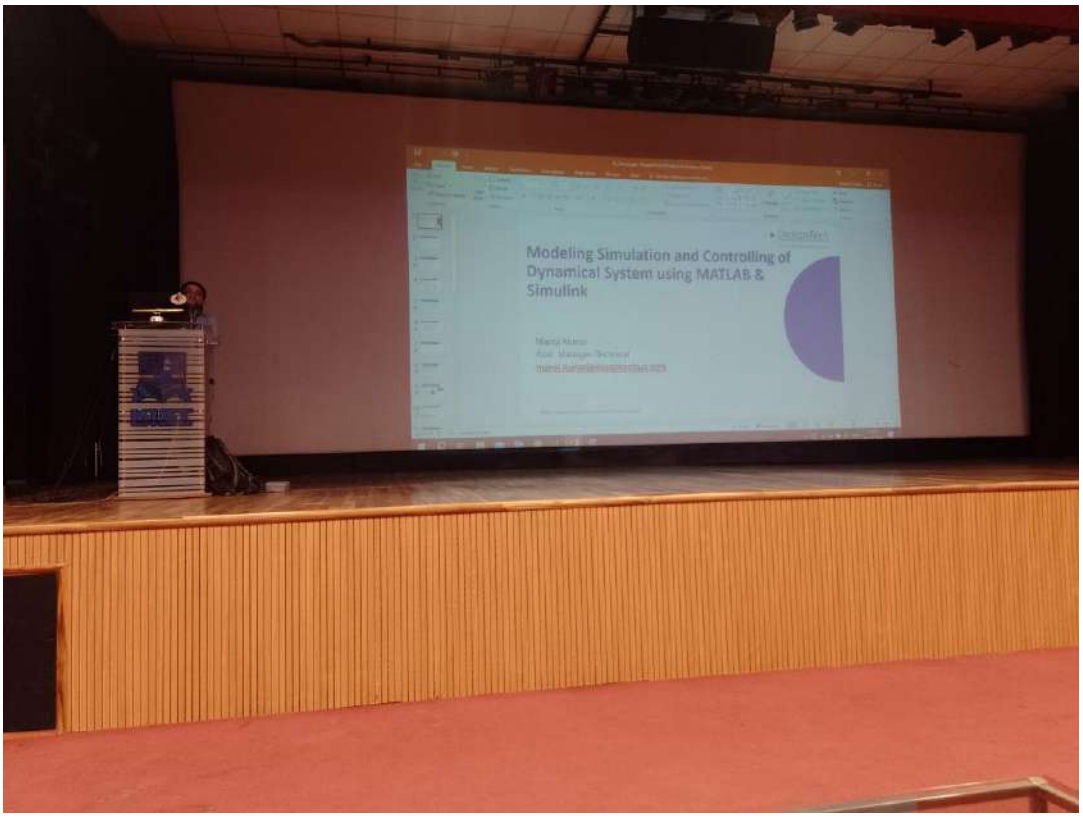
Also to make them aware that MATLAB is a very powerful tool. Learning MATLAB, Simulink, and Simscape offers a multitude of benefits for engineers, researchers, and students alike. These tools provide a robust environment for modeling, simulation, and analysis of dynamic systems.

Benefits in terms of learnings/skills/knowledge obtained:

- National Technology Day in India is celebrated on May 11th each year to commemorate the country's achievements in science and technology. The day marks the anniversary of the Pokhran nuclear tests of 1998, which were a landmark in India's scientific progress and established it as a nuclear state. This day is a tribute to the spirit of innovation and expertise of the nation's scientists and engineers.
- To mark the celebration of 'National Technology Day', the Department of Electronics and Communication Engineering in collaboration with the Institute's Innovation Council organized a one day workshop on 'MATLAB and Simulink'.
- Mr. Manoj Kumar and Dr. Varun Srivastava from DesignTech Systems Pvt. Ltd. trained the students and faculty on MATLAB, Simulink and Simscape.
- Over all the workshop was very informative and knowledgeable.
- Four faculty members and around 200 students of 2nd and 3rd year from Electronics and Communication Engineering participated in the workshop.
- Students learned how to use MATLAB online through MATLAB campus-wide licence. Some part of the workshop was Hands-on.
- Students understood the benefit of using Simulink and Simscape in modelling and simulation.
- Students learned that, MATLAB, Simulink and Simscape together form a comprehensive suite for system design and analysis, promoting innovation and efficiency in engineering and scientific research. Learning these tools can significantly enhance one's ability to tackle complex design challenges.

Poster of the event:

Photographs:


Modeling Simulation and Controlling of Dynamical System using MATLAB & Simulink

ICC Report- Activity (6.0)

Name of the activity: Field/Exposure visit to Pre-incubation units

Duration:1.0hrs.

Start Date:03rdApril,2024

End Date:03rdApril,2024

No. of student participants:52

No. of Faculty Participants: 1 (Mr. Umang Rastogi)

No. of External participants: Nil

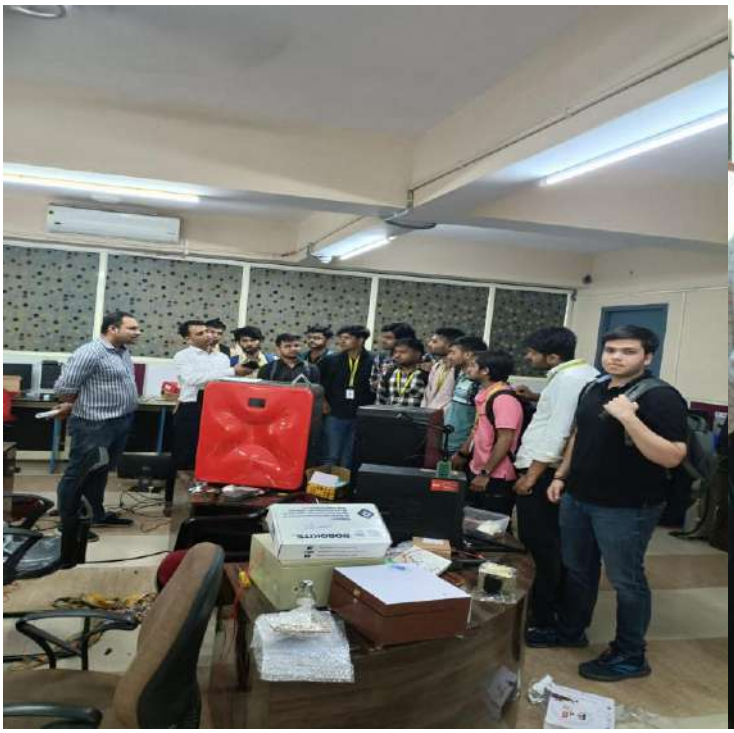
Objective (in 100 words):

The purpose of this initiative is to provide students with a comprehensive experience during field visits to pre-incubation units, including innovation centres and technology business incubators. Its primary aim is to explore the significant role played by these centres in fostering creativity and cultivating an entrepreneurial mindset among students. Furthermore, it aims to elucidate the processes involved in idea generation, refinement, and implementation within a practical business context. Additionally, it aims to assess the resources and support mechanisms available at these facilities, such as Idea Lab, Fab Lab, and design centres, and how aspiring entrepreneurs can utilize them. Another key objective is to analyse successful business incubators that have originated from the incubator cell and identify the key factors contributing to their success. Lastly, the initiative seeks to propose actionable recommendations to enhance the effectiveness of similar initiatives in promoting innovation and entrepreneurship among students in the future.

Benefits in terms of learnings/skills/knowledge obtained (in 100words): Participating in exposure visits to innovation centers and technology business incubator cells has provided students with numerous advantages. These experiences have not only nurtured an entrepreneurial mindset but have also offered practical insights into translating ideas into successful businesses. By accessing resources, mentorship, and networking opportunities, students have received invaluable support for their entrepreneurial endeavors while learning from real-world case studies to mitigate risks. Furthermore, these activities have bolstered students' confidence, honed their innovation skills, and motivated them to pursue their business ventures with determination. Ultimately, such engagements empower students to make meaningful contributions to the innovation ecosystem and play a role in driving economic growth.

Poster of the event:

Photograph 1(image):



Photograph 2(image):

Overall report of the activity(Minimum 200 words):

The student visit to the innovation center and pre-incubation units within the technology business incubator cell proved to be a transformative journey, providing a comprehensive understanding of the tools and resources available to budding entrepreneurs. Throughout the visit, students were exposed to a diverse array of tools, including 3D printing machines, laser printers, and other state-of-the-art technologies. These tools were highlighted as crucial resources for prototyping and product development, enabling students to efficiently translate their innovative concepts into tangible prototypes.Furthermore, students were introduced to various platforms and labs such as Makers Space, Fab Lab, and Ideas Lab, along with support systems available at the center to facilitate the journey from ideation to business establishment. Discussions centered around accessing funding opportunities, mentorship programs, and networking events tailored to support aspiring entrepreneurs. By gaining insights into these vital aspects of entrepreneurship, students were equipped with the knowledge and resources necessary to embark on their entrepreneurial ventures confidently.Moreover, this activity aimed to assess the impact of such immersive experiences on students' attitudes towards innovation and entrepreneurship. Overall, the visit acted as a catalyst for inspiring and empowering students to pursue their entrepreneurial aspirations and make meaningful contributions to the dynamic landscape of innovation and business development.

“GRANT&COMMERCIALIZATIONOFPATENTS”
On theOccasionof
WORLDINTELLECTUALPROPERTYDAY

30thApril’2024

Time: 3:15PM -5:00 PM

Duration – 2 hours
Start date – 30-04-2024
End Date: 30-04-2024
No. of student participants: 110.
No. of Faculty Participants: 10
No. External participants: N.A.

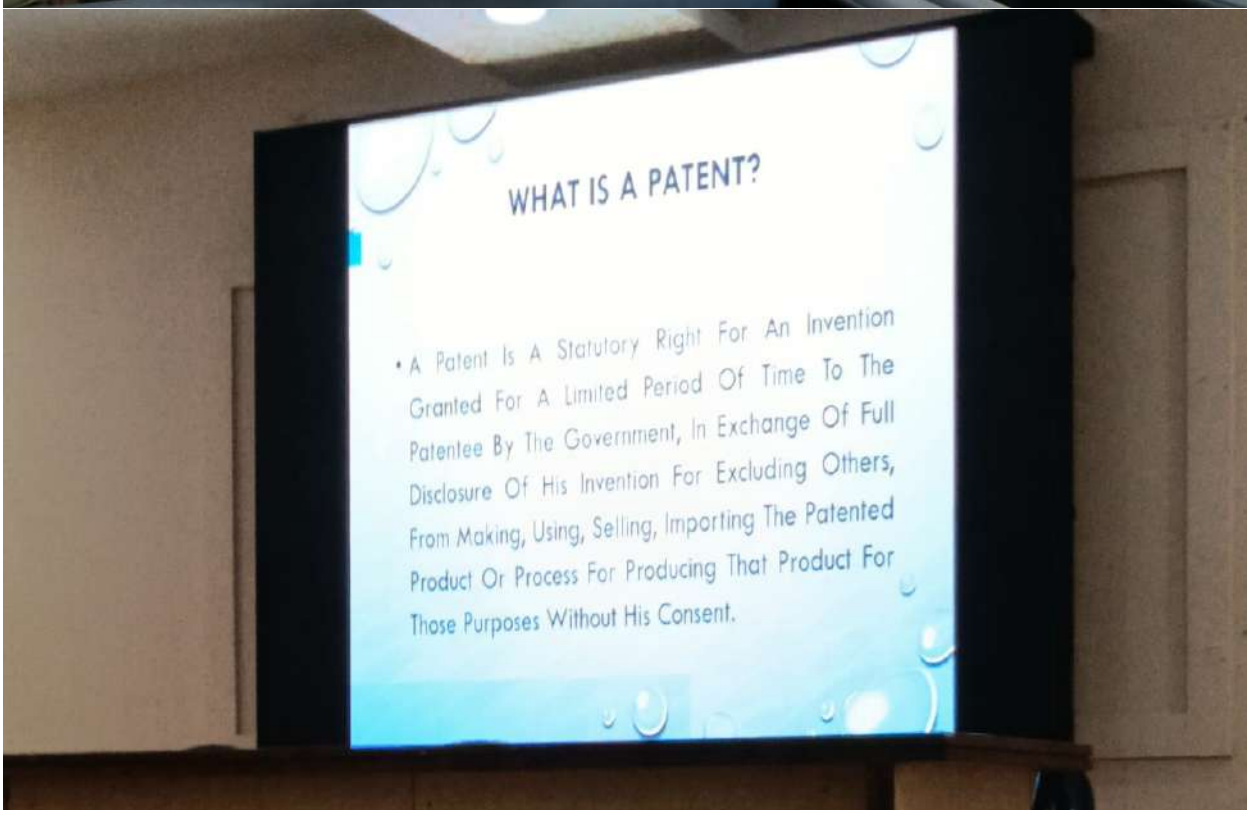
Objective-Intellectual property rights are essential for promoting innovation and creativity. Without adequate protection of ideas, businesses and individuals would not fully benefit from their creations. IP protection incentivizes entrepreneurs to continue pursuing new advancements and ideas. A robust IP portfolio held by the institution, its faculty, and students can enhance brand value and create opportunities for commercialization.

Benefits in terms of learnings/skills/knowledge obtained-

Participants, including students from the CSE Department and faculty members, gained valuable insights into technology transfer and the role of a technology licensing officer as a catalyst. The speaker emphasized the importance of properly drafting multiple claims with a focus on commercialization aspects. The concept of "Lateral Inventiveness" was introduced to help understand the various applications of an invention. The technology commercialization process was elucidated with a roadmap of technology transfer. Several suggestions were provided to enhance such activities within our institute, such as forming a marketing team and identifying simple problems for innovation. Additionally, concepts like Technology Readiness Level, translational research, and prototype formation were highlighted. Overall, it was a highly informative and engaging learning experience with lively interaction between the participants and the speaker.

Poster of the event:

Photograph1(image)


WHAT IS A PATENT?
• A Patent Is A Statutory Right For An Invention Granted For A Limited Period Of Time To The Patentee By The Government, In Exchange Of Full Disclosure Of His Invention For Excluding Others, From Making, Using, Selling, Importing The Patented Product Or Process For Producing That Product For Those Purposes Without His Consent.

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From Making, Using, Selling, Importing The Patented
Product Or Process For Producing That Product For
Those Purposes Without His Consent.

Overall report of the activity-

Assistant Dean of Intellectual Property Rights at KIET, Dr. Richa Goel, who was the guest speaker at the event, discussed the significance of patents, their types, and the process of filing them. She explained what a patent is, its importance, and the different types of patents that exist. Dr. Goel also detailed the procedures involved in filing a patent, including the necessary forms and their importance in the process. She provided insights into the fees associated with patent filing and the renewal times for different types of patents. Overall, Dr. Goel provided a comprehensive understanding of patents to the audience during her engaging presentation.

IIC REPORT

Name of the activity: Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transfer

Duration:3 hrs.

Start Date: 20/03/2024

End Date: 20/03/2024

No. of student participants: 45

No. of Faculty participants:3

No. of External participants:1

Objectives:

Identifying Promising Technologies: Identify technologies developed in laboratory settings with potential for commercialization.

Intellectual Property Protection: Secure intellectual property rights through patents, copyrights, or other forms of protection to prevent unauthorized use or replication of the technology.

Technology Transfer: Transfer the technology from the laboratory to the commercial sector, which may involve licensing agreements, partnerships, or the creation of spin-off companies.

Testing and Validation: Conduct testing and validation to ensure the technology meets quality and regulatory standards.

Funding and Investment: Secure funding and investment to support the commercialization process, including product development, marketing, and distribution.

The process of innovation development, technology readiness level (TRL), and commercialization of lab technologies involve several key steps:

Discovery and Research: This is the initial phase where new ideas and technologies are developed in a laboratory or research setting. Researchers explore concepts, conduct experiments, and gather data.

Proof of Concept: Once a concept is developed, researchers work to demonstrate its feasibility. This often involves building prototypes and conducting initial testing to validate the concept.

Technology Development: In this phase, the focus is on developing the technology further to improve its performance, reliability, and scalability. This often involves iterative testing and refinement.

Technology Readiness Assessment: At various stages of development, the technology readiness level (TRL) is assessed. TRL is a measure used to evaluate the maturity of a technology and its readiness for deployment.

Commercialization Strategy: Developing a strategy for commercialization is crucial. This includes identifying potential markets, understanding customer needs, and defining a business model.

Tech Transfer: The process of transferring technology from the lab to the market involves licensing agreements, partnerships, or establishing spin-off companies.

Market Entry: Finally, the product is launched into the market. This involves marketing, distribution, and sales efforts to attract customers and generate revenue.

Throughout this process, collaboration between researchers, industry partners, and other stakeholders is essential. Effective communication, project management, and resource allocation are also critical for success.

Benefits:

- Economic Growth: Successful commercialization of lab technologies can lead to the creation of new industries, businesses, and jobs, contributing to economic growth.
- Knowledge Transfer: The process of tech transfer involves the transfer of knowledge and expertise from researchers to entrepreneurs and businesses, fostering innovation and entrepreneurship.
- Collaboration: The process often involves collaboration between researchers, industry partners, and government agencies, fostering a culture of collaboration and innovation.
- Select 5 students (as Project Guide / Mentor)

Poster of the event:

Overall report of the activity:

Aexpert talk on Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transferdelivered by Mr. Prabhu Ram.

Following are the main points about the lecture:

- How to transform RR Kabel from a small trading company into a global giant.
- Discuss about Tech Transfer.
- Select 5 students (as Project Guide / Mentor)

CMR
Humane.ai
Personal AI assistant
Prabhu Ram - Jan 2024

Role of Entrepreneurship centers in conversion of mini and major products into I.P.R and Commercial product development

- Proof of design, inventor, or other I.P.
- Evaluation of Technology Readiness Skill, Manufacturing Readiness Level, International readiness level of Product
- Development of sellable product/ service
- Digital Marketing
- Sales on digital platform

IIC Report

on

“National Science Day”

Name of the activity:

Session on “How to write research paper effectively.”

Promotion in Social Media:

1. https://www.linkedin.com/feed/update/urn:li:ugcPost:7169268523842650113/
2. https://www.facebook.com/kiet.edu/posts/pfbid02AHB2dqhF7uWHszj6TTG1RjXLGWDMBUDFhgTtoADjCwWNubEiZPKUGBaY6A4gcdTgl
3. https://www.instagram.com/p/C396FzDvayj/?fbclid=IwAR1rAwdfgRFYYvtpRNfXBTRdn-Z_UMGoliWgi9VqfaJHCU0clBKd4tYNyjY
4. https://twitter.com/Kiet_edu/status/1763502760887242764

Duration: 1.5 Hrs

Start Date: 28/02/2024

End Date: 28/02/2024

No. of student participants: 95

No. of Faculty Participants: 25

No. External participants: 00

Objective:

Research paper writing and publishing the new findings is an important part of innovation. Lots of researchers and innovations face various challenges while writing and publishing their research findings. So, the objective of organizing this expert session is to educate the students and faculty members on publishing and writing research papers in an effective manner.

Benefits in terms of learnings/skills/knowledge obtained:

- The Institute's Innovation Council (IIC-KIET) celebrated "**National Science Day**" by organizing a session on "How to write research paper effectively".
- National Science Day is an annual celebration in India, observed on February 28th, to commemorate the discovery of the Raman Effect by Indian physicist Sir C V Raman on this day in 1928.
- Prof. (Dr.) Vipin Kumar, renowned researcher and senior faculty member delivered a lecture on **"How to write research paper effectively"**. Prof. Vipin Kumar has published more than 100 research papers (69 SCI and Scopus) in reputed National and International Journals.
- In this session faculty members learned how to identify problem and do literature survey.
- After that key points that one should remember that are effective for writing good research article were discussed.
- Then different databases and indexing in discussed. How to identify a good quality journal to consider for submitting one's research work.
- Structure of a good research article was also discussed. Main parts of a research paper that findings that each part should cover from Abstract and Introduction to Results and Conclusion were briefly covered.
- How to include references and citing any previous work was also discussed.
- Over all the sessions was very informative and knowledgeable.

Poster of the event:

Photographs:

GROUP OF INSTITUTIONS
INSTITUTION'S
INNOVATION
COUNCIL
Office of Dean
(R&D)

10
8

KIET
CERTIFICATE

ICC Report- Activity (6.0)

Name of the activity: Field/Exposure visit to Pre-incubation units and Design Centres

Duration: 3.5 hrs.

Start Date:26th February,2024

End Date:26th February,2024

No. of student participants:56

No. of Faculty Participants: 1 (Mr. Anjan Kumar)

No. of External participants: Nil

Objective (in 100 words):

The objective of this activity is to encompass a multifaceted exploration of field visit by students to pre- incubation units including innovation centre and technology business incubator cell.Mainobjective was to delve into the pivotal role played by innovation centres and pre-incubator units in nurturing creativity and instilling an entrepreneurial mindset among students. Secondly, it seeks to elucidate the process of idea generation, refinement, and implementation within a practical business framework. Additionally, this endeavours to scrutinize the resources and support mechanisms such as Idea Lab, Fab Lab and design centres available at these facilities, offering insights into how aspiring entrepreneurs can leverage them. An important objective was also to examine successful business incubators that have emerged from the incubator cell while identifying key factors contributing to their achievements. Lastly, it aimed to propose actionable recommendations aimed at enhancing the efficacy of similar initiatives in fostering innovation and entrepreneurship among students in the future.

Benefits in terms of learnings/skills/knowledge obtained (in 100words): Participating in exposure visits to innovation center and technology business incubator cell offered students a multitude of benefits. These experiences not only foster an entrepreneurial mindset but also provide practical insights into transforming ideas into viable businesses. By accessing resources, mentorship, and networking opportunities, students gained valuable support for their entrepreneurial ideas while mitigating risks through exposure to real-world case studies. Moreover, these activities boost students' confidence, cultivate their innovation skills, and inspire them to pursue their business ideas with conviction. Ultimately, such engagements empower students to contribute meaningfully to the innovation ecosystem and drive economic growth.

Poster of the event:

Photograph 1(image):

Photograph 2(image):

Overall report of the activity(Minimum 200 words):

The student visit to the innovation center and pre incubation units in technology business incubator cell proved to be a transformative experience, offering a comprehensive understanding of the tools and resources available to aspiring entrepreneurs. Throughout the visit, students were introduced to a diverse range of tools, including 3D printing machines, laser printers, and other cutting-edge technologies. These tools were showcased as essential resources for prototyping and product development, enabling students to transform their innovative ideas into tangible prototypes efficiently. Moreover, students learned about the various platforms and labs such as Makers Space, Fab Lab, Ideas Lab and support systems available at the center to facilitate the journey from ideation to business establishment. Discussions revolved around accessing funding opportunities, mentorship programs, and networking events tailored to support budding entrepreneurs. By gaining insights into these critical aspects of entrepreneurship, students were equipped with the knowledge and resources needed to embark on their entrepreneurial ventures confidently. Moreover, this activity endeavored to evaluate the impact of such immersive experiences on students' attitudes towards innovation and entrepreneurship. Overall, the visit served as a catalyst for inspiring and empowering students to pursue their entrepreneurial aspirations and contribute to the dynamic landscape of innovation and business development.

IIC Report- Activity 6.0

Name of the activity: Workshop on schemes for Start-ups and MSME development under IIC

Duration: 6hr (11 pm - 4:30 pm)

Start Date: 18th jan, 2024

End Date: 19th jan,2024

No. of student participants: 200

No. of Faculty Participants: 18

No. of External participants: Nil

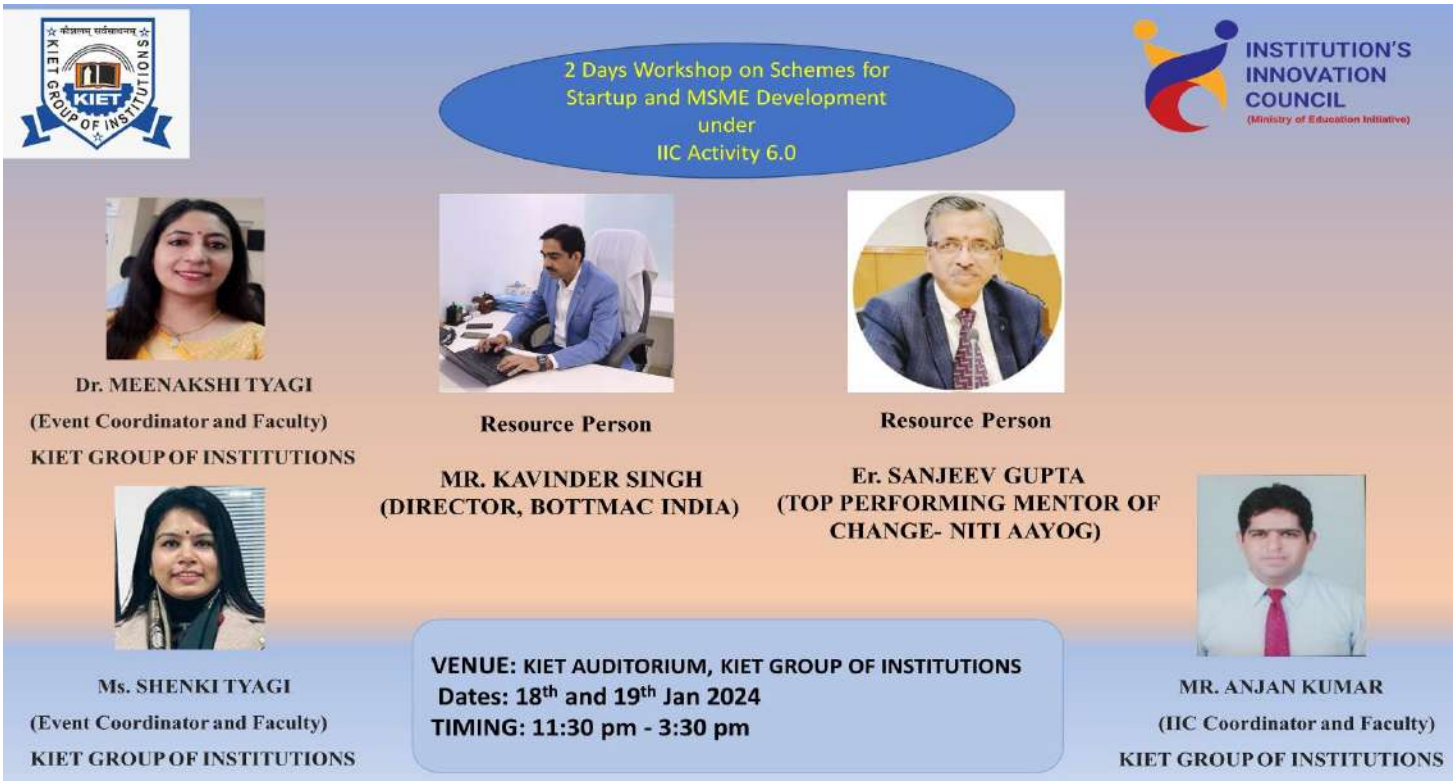
Objective (in 100 letters): The objective of a workshop on schemes for startups and MSME (Micro, Small and Medium Enterprises) development is to provide valuable information, guidance, and support to entrepreneurs and small business owners. The workshop aims to empower participants with knowledge about various government schemes and initiatives designed to foster the growth and development of startups and MSMEs. Here are some specific objectives:

- Raise awareness among participants about the existing government schemes and initiatives that support startups and MSMEs.
- Ensure participants are informed about the eligibility criteria, application process, and benefits offered by these schemes.
- Provide insights on business planning, financial management, and other essential skills crucial for the success of startups and MSMEs. Discuss and gather feedback on existing policies related to startups and MSMEs, aiming to identify areas for improvement and advocate for supportive policy changes.
- Provide a platform for participants to voice their concerns and suggestions to government representatives.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters):

This workshop on schemes for startups and MSME development offered participants, valuable learning opportunities that can significantly impact their entrepreneurial journey. Attendees gain awareness of government schemes, enhancing their ability to access crucial support. The acquired skills in business planning, financial management, and navigating application processes can empower our budding entrepreneurs to strategically position their ventures for success. The workshop facilitated networking, fostering connections with mentors, investors, and potential collaborators. Interactive sessions and case studies ensured practical understanding, enabling participants to apply learned concepts in real-world scenarios. By advocating for policy improvements, participants can contribute to a more supportive business environment. Overall, this workshop not only imparted knowledge but also provided a platform for collaborative learning, capacity building, and ongoing support, creating a foundation for sustained growth and development of startups and MSMEs.

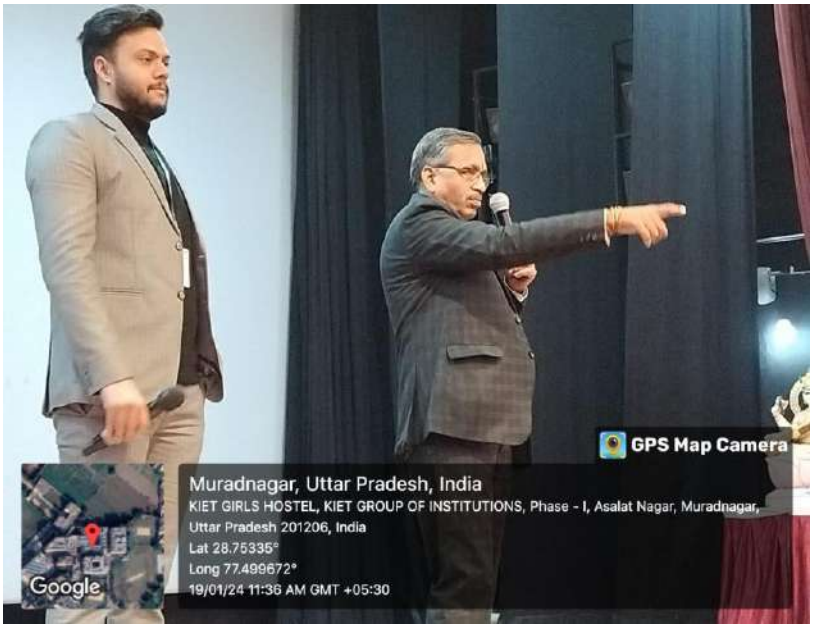
Poster of the event:



PHOTOGRAPHS OF THE EVENT:

Muradnagar | 2024.01.18 12:18

KIET
Muradnagar | 2024.01.18 13:4


GPS Map Camera
Muradnagar, Uttar Pradesh, India
KIET GIRLS HOSTEL, KIET GROUP OF INSTITUTIONS, Phase - I, Asalat Nagar, Muradnagar,
Uttar Pradesh 201206, India
Lat 28.75335°
Long 77.499672°
19/01/24 11:36 AM GMT +05:30
Google

Muradnagar | 2024.01.19 11:40

Muradnagar | 2024.01.19 11:47

GPS Map Camera
Muradnagar, Uttar Pradesh, India
KIET GIRLS HOSTEL, KIET GROUP OF INSTITUTIONS, Phase - I, Asalat Nagar, Muradnagar,
Uttar Pradesh 201206, India
Lat 28.753358°
Long 77.499664°
19/01/24 11:42 AM GMT +05:30
Google

OVERALL REPORT OF THE ACTIVITY (WORD FILE AND PDF BOTH) MIN 250 WORDS:

The basic objective of this workshop on Micro, Small, and Medium Enterprises (MSME) development was to embark on a journey which led to empower and elevate crucial economic contributors. As we delved into the intricacies of MSMEs, the workshop aimed to foster a collaborative learning environment that not only equipped the students with knowledge but inspired action and innovation.

The overarching message for this workshop was one of resilience, adaptability, and sustainable growth. MSMEs play a pivotal role in driving economic development, fostering entrepreneurship, and creating employment opportunities. Yet, they often face unique challenges ranging from access to finance and market uncertainties to technological disruptions. Throughout the sessions, the resource persons explored strategies and best practices that could catalyze MSME development. From leveraging digital technologies and embracing sustainable practices to forging strategic partnerships, the two days' workshop uncovered pathways for young budding entrepreneurs to thrive in an ever-evolving business landscape.

The event started from knowing about what is the main objective of MSME development and start-ups. The discussion included talks on collaboration among governments, industry players, financial institutions, and educational institutions being crucial for creating a holistic environment that fosters the sustainable development of startups and MSMEs. Entrepreneurial education, skill development, and mentorship programs are vital for building the capacity of startups and MSMEs. These initiatives contribute to a more robust and skilled workforce. Global connectivity offers startups and MSMEs unprecedented opportunities for growth through international markets. Cross-border collaborations, exports, and participation in global value chains are avenues for expansion. Sustainable practices are gaining prominence in startup and MSME development. Businesses that prioritize environmental, social, and governance (ESG) considerations are not only meeting ethical standards but also gaining a competitive edge in the market.

Despite their significance, the awareness session unveiled that startup and MSMEs face challenges such as limited access to finance, market entry barriers, and regulatory hurdles. Strategies for addressing these challenges include financial inclusivity, mentorship programs, and streamlined regulatory processes. Embracing digital technologies is key to the success of startups and MSMEs in the modern business landscape.

The session was a great success and keen involvement of the students was witnessed throughout the 2 days session. Hope, the student learning continues likely the way it is and they foster a spirit of innovative thinking, innovative learning and lead to pragmatic approach for business development in future.

IIC Report

Name of the activity: Innovation & Entrepreneurship Outreach Program

Duration: 1 Hour

Start Date: February 19, 2024

End Date: February 19, 2024

No. of student participants: 40

No. of Faculty Participants: 02

No. External participants: NA

Objective (in 100 letters):

To let the students, know about

Innovation that involves the creation and application of new ideas, products, processes, or services that significantly improve or replace existing ones. It can occur in various forms, such as technological advancements, business models, organizational strategies, or social initiatives. Innovation is often driven by a combination of creativity, research, and experimentation, and it plays a crucial role in fostering competitiveness, productivity, and sustainable development.

Entrepreneurship, on the other hand, refers to the process of identifying, launching, and growing a new business venture. Entrepreneurs are individuals who take risks to bring innovative ideas to market, often by leveraging their creativity, passion, and resourcefulness. Entrepreneurship is essential for translating innovation into tangible economic and social value, as entrepreneurs drive the commercialization and adoption of new products and services.

Entrepreneurship and innovation are closely related but distinct concepts. While innovation involves introducing something new, such as a business model, product, idea, or service, entrepreneurship focuses on turning a great idea into a viable business opportunity.

Innovation is the starting point for entrepreneurship, as it involves the creation of new and valuable ideas. However, entrepreneurship goes further by taking on the risk and responsibility of bringing those ideas to market and building a successful business.

The key distinction lies in the risk component associated with entrepreneurship, which is not necessarily present in innovation alone.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters):

Innovative entrepreneurship is crucial for identifying emerging trends and market demands, allowing businesses to create new and appealing goods or services for their target audience. To stay relevant in a competitive landscape, businesses must continue to innovate by developing innovative products, and services, and evolving their brand. Innovation plays a central role in entrepreneurship as it involves the replacement or improvement of existing offerings, enabling entrepreneurs to meet market trends and satisfy customer demands with innovative strategies.

It aims to achieve several goals:

Creativity and Problem-Solving Skills: Innovation and entrepreneurship require thinking outside the box and coming up with creative solutions to complex problems. Engaging in these activities can help individuals develop their creativity and enhance their problem-solving skills.

Critical Thinking and Decision-Making: Innovation and entrepreneurship often involve making decisions in uncertain and rapidly changing environments. This can help individuals develop their critical thinking skills and become more adept at making informed decisions.

Adaptability and Resilience: Innovation and entrepreneurship require the ability to adapt to change and bounce back from setbacks. Engaging in these activities can help individuals become more adaptable and resilient in the face of challenges.

Entrepreneurial Mindset: Engaging in entrepreneurship can help individuals develop an entrepreneurial mindset, which includes traits such as initiative, risk-taking, and opportunity recognition. These traits can be valuable in various aspects of life and work.

Business and Financial Literacy: Entrepreneurship often involves understanding business concepts such as marketing, finance, and operations. Engaging in entrepreneurship can help individuals develop their business acumen and financial literacy.

Networking and Relationship Building: Innovation and entrepreneurship provide opportunities to connect with a diverse range of people, including fellow entrepreneurs, investors, and customers. Building these relationships can be valuable for future opportunities and collaborations.

Industry and Market Knowledge: Engaging in innovation and entrepreneurship can provide individuals with valuable insights into specific industries and markets, including trends, challenges, and opportunities.

Leadership and Teamwork Skills: Innovation and entrepreneurship often involve leading teams and collaborating with others to achieve common goals. Engaging in these activities can help individuals develop their leadership and teamwork skills.

Self-Confidence and Initiative: Successfully innovating or starting a business can boost individuals' self-confidence and initiative, empowering them to take on new challenges and pursue their goals.

Overall, engaging in innovation and entrepreneurship can be a transformative experience that not only enables individuals to create value and make an impact but also helps them develop a wide range of valuable skills and knowledge that can benefit them in various aspects of their personal and professional lives.

Event Highlights:

Hands-on sessions on topics such as design thinking, lean startup methodology, and business model canvas to help participants develop their entrepreneurial skills. Stories of successful entrepreneurs and startups, highlighting their journey, challenges faced, and lessons learned. Recognition of outstanding participants or teams for their innovative ideas, efforts, and achievements.

Poster of the event:

Event Coordinator: Mr. Rahul Kumar (Assistant Professor & IIC Coordinator-CS)

IIC Report- Activity

Name of the activity: Celebration of National Startup Day on 16th Jan 2024

Duration: 1:30hr (3:00 pm - 4:30 pm)

Start Date: 16th Jan 2024

End Date: 16th Jan 2024

No. of student participants: 140

No. of Faculty Participants: 10

Objective: The basic objective of celebrating National Startup Day Activity to celebrate and promote entrepreneurial spirit, innovation, and the contribution of startups to economic growth. This annual event encourages students who wish to be entrepreneurs by showcasing success stories. It provides a platform to highlight the significance of startups in job creation, technological advancements, and overall development.

Benefits in terms of learnings/skills/knowledge obtained : National Startup Day is a great way to honor the innovators, creatives and risk-takers who are making huge changes in their communities with their businesses. It's an opportunity to recognize the hard work and dedication of entrepreneurs, who take huge risks to grow their businesses and create new jobs. Students learnt the reasons for celebration of such events and sharing of success stories of successful and aspiring entrepreneurs added to their motivation. They were highly inspired for learning entrepreneurship as a discipline and were keen and willing to share their innovative business ideas. Many students have a keen inert desire to start their own business. They lack direction thought being high on spirits and skill sets. Many lack skills but are having abundant resources. The platform helped them to boost their spirits high in the direction and many of them raised questions which were answered well to the best of their satisfaction. It is hoped that students are willing to bring forward their best business ideas which through due diligence and guidance can be shaped for upscaling their business skills.

Poster of the event:

Photograph 1(image):

Photograph 2(image):

Photograph 3(image):

Overall report of the activity (word file and PDF both) min 250 words:

The basic objective of celebrating National Startup Day Activity was to induce a spirit of startup among the students. If these young minds have an idea for a business but never got around to starting it then National startup Day was the perfect time to give it a go. It may take some hard work and dedication, but it could be well worth it in the end.

Keeping the same into mind, this event was organized and conducted at KIET GROUP OF INSTITUTIONS, DELHI- NCR on16/01/24. The session was wonderfully conducted by Mr. Kuldeep Singhwho appreciated the audience for their wonderful involvement and dedication towards learning.

At the National Startup Day event, Mr. KLA Khan took the stage to mark the significance of the occasion. Initiating his speech, he engaged the audience by posing a question on innovation and invention. Two individuals from the audience responded adeptly, providing concise definitions. Mr. KLA Khan then expressed commendation for the government's policies and objectives related to innovation. He outlined how India aspires to achieve developed status by 2047, coinciding with the centennial celebration of its independence.

Following Mr. KLA Khan, Mr. Pankaj Goel addressed the audience, specifically calling upon the students to harness the opportunities presented by the current golden era of technology. Sharing his own entrepreneurial journey, Mr. Pankaj Goel recounted the inception of his startup, emphasizing the importance of innovative thinking. He encouraged students to approach him with their ideas whenever needed, fostering a sense of collaboration and mentorship. Overall, both speakers, particularly Mr. Pankaj Goel, conveyed a strong message of the pivotal role innovation plays in the nation's development, with Mr. Pankaj Goel extending an invitation for students to actively contribute to the entrepreneurial landscape.

Concluding the National Startup Day event, Mr. KLA Khan returned to the stage, encapsulating the essence of the insightful speeches delivered by both speakers. He reiterated the importance of fostering innovation and entrepreneurship in the journey towards India's development. As a final call to action, Mr. KLA Khan urged the students to actively engage with the entrepreneurial ecosystem by joining the Entrepreneurship Cell (E cell) of the college. This, he emphasized, would provide them with valuable resources, mentorship, and opportunities to further nurture their innovative ideas. The event concluded on a high note, leaving the audience inspired and motivated to contribute to the vibrant landscape of startups and innovation.

Jai Hind!

Report on National Youth Day

Name of the Activity: National Youth Day

Name of the Guest for Delivering the Motivational Lecture – Dr. K L A Khan
Working at–KIET Group of Institutions
Designation- Professor and Dean-IEC

Topic of Interaction: Motivational Talk on National Youth Day under the banner of IEC and IIPC

Social media handlers:

1. https://www.facebook.com/kiet.edu/posts/pfbid02qGF1PEVzfTpDMux2TKtqhe5ScgCHgRjW9ehwkqP99qMqtLE5v8zKdvcA5mLvQ6Pml

2. https://www.instagram.com/p/C2rxCrkO2gB/?fbclid=IwAR0novx1b0hLSlwN4uusVSpAQuR4zbLeyWhhMAX-FtG0kxV9rfOZKwVrH_k

3. https://www.linkedin.com/feed/update/urn:li:ugcPost:7157708105735172096/

Duration: 1 hour

Start Date: Jan 12, 2024

End Date: Jan 12, 2024

No. of student participants:50

No. of Faculty Participants: 2

Event organizer: Dr. Amit Kumar

Objective:

- Sparking a fire: Inspiring and empowering students to believe in themselves and chase their dreams.
- Shifting gears: Challenging negative mindsets and helping people see new possibilities.
- Equipping for the climb: Providing tools and strategies for goal setting, overcoming obstacles, and staying motivated.
- Building community: Creating a sense of connection and shared purpose among listeners.

- Pushing the button: Delivering a temporary boost in motivation and energy to tackle tasks with renewed vigor.
- Promoting action: Encouraging specific behaviors or choices, like volunteering or pursuing a new career.
- Sharing knowledge: In some cases, informing listeners about relevant topics or resources.

Benefits in terms of learnings/skills/knowledge obtained:

- Sparking inspiration and self-belief: By listening to the stories of successful individuals or hearing powerful messages about overcoming challenges, students can gain the confidence and motivation to pursue their own goals and dreams.
- Shifting mindsets and fostering growth: Motivational talks can challenge negative thought patterns and limiting beliefs, encouraging students to embrace a growth mindset and see themselves as capable of achieving great things.
- Equipping students with tools and strategies: Some motivational talks provide practical tips and strategies for success, such as goal setting, time management, and overcoming procrastination. These tools can empower students to take control of their learning and achieve their academic goals.
- Building a sense of community and belonging: Motivational talks can bring students together and create a sense of shared purpose and support. This can be especially beneficial for students who are feeling isolated or struggling academically.
- Promoting resilience and perseverance: Motivational talks can help students develop the grit and determination needed to overcome setbacks and challenges. By hearing stories of others who have persevered through adversity, students can learn that failure is not the end, but rather an opportunity to learn and grow.

Images of the event:

Overall report of the activity:

“National Youth Day” has been celebrated at the Department of Computer Applications of “KIET Group of Institutions”. Dr. Khan was invited for the guest talk. The talk was delivered by Dr. K. L. A. Khan (Professor and Dean-IEC, KIET Group of Institutions, Ghaziabad). It was an hour-long talk to address around fifty students of KIET. The address took place at MCA-Lab 1. Dr. Khan tried to motivate students while answering the queries of the students. As seen in the past our students were able to emerge as successful entrepreneurs, the talk is believed to have its impact in the future while introducing future employers of the society. This will help our society to create employment for our future generations.

IIC Report Format

Name of the activity: Mentoring Event: Experts for Mentorship Support.

Duration: 2 hours

Start Date:12 Jan, 2024

End Date:12 Jan, 2024

No. of student participants:105

No. of Faculty Participants: 9

No. Externalparticipants:N/A

Objective (in 100 letters): The objective of this activity tomentor the students and faculty members about the virtual lab technology. Virtual Labs enablecolleges to perform various experiments and activities without physical labs or limits.

Benefits in terms of learning's/skills/knowledge obtained (in 150 letters):

- To provide *remote-access to Labs* in various disciplines of Science and Engineering.
- To enthuse students to *conduct experiments by arousing their curiosity*. This would help them in learning basic and advanced concepts through remote experimentation.
- To provide a *complete Learning Management System* around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

Poster of the event:

Photograph 1:

Photograph 2:

Overall report of the activity (word file and PDF both) min 250 words:

IT-department of KIET, Ghaziabad conducted a mentorship program by experts about innovative workshop on Virtual Labs. This workshop is for students as well as faculty. Virtual Labs project is an initiative of Ministry of Education (MoE), Government of India under the aegis of National Mission on Education through Information and Communication Technology (NMEICT). This project is a consortium activity of twelve participating institutes and IIT Delhi is coordinating institute. It is a paradigm shift in ICT-based education. For the first time, such an initiative has been taken-up in remote-experimentation. Under Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web-enabled experiments were designed for remote-operation and viewing.

The intended beneficiaries of the projects are:

- All students and Faculty Members of Science and Engineering Colleges who do not have access to good lab- facilities and/or instruments.

- High-school students, whose inquisitiveness will be triggered, possibly motivating them to take up higher-studies. Researchers in different institutes who can collaborate and share resources.
- Different engineering colleges who can benefit from the content and related teaching resources.

Virtual Labs do not require any additional infrastructural setup for conducting experiments at user premises. The simulations-based experiments can be accessed remotely via internet.

Event Summary Report

Name of the activity: Ideathon 24 (As a Collaborative event of Department of Computer Applications of KIET and KIET-IEC)

Social Media Posts Handlers:

1. https://www.facebook.com/kiet.edu/posts/pfbid0WDaoDhtuUc2ndsv9tbSxpvFLuq36ShTQRwUQ5KyNCzSKAo7MeVwyMExzZ4Gh2aPxl

2. https://www.instagram.com/p/C2wQtG4BeAp/?fbclid=IwAR25ePMzwQXgah6ES42kAQm9mLc3G4xTRquTxplcqsAL9TY_sl2rLcjBV7o

3. https://www.linkedin.com/feed/update/urn:li:ugcPost:7158340691687866369/

4. https://twitter.com/Kiet_edu/status/1752575005093994973

Duration: 5hours

Start Date: Jan 13, 2024

End Date: Jan 13, 2024

No. of student participants:180

No. of Faculty Participants: 15

No. External participants:N/A

Organizer: Department of Computer Applications, KIET Group of Institutions

Event report prepared by: Dr. Amit Kumar

Objective:

1. Cultivate Innovation: The primary objective of Ideathon 2024 was to cultivate a culture of innovation among participants. The event aimed to inspire creative thinking and the generation of novel ideas in the field of computer applications.

2. Promote Collaborative Ideation: To foster collaboration, the event encouraged participants to work in teams, emphasizing the importance of diverse perspectives in the ideation process.

3. Enhance Problem-Solving Skills: Ideathon 2024 sought to enhance participants' problem-solving skills by presenting real-world challenges. The event aimed to equip them with the ability to analyze problems critically and propose effective solutions.

4. Facilitate Networking: Providing a platform for networking, the event aimed to connect students with industry professionals and faculty members, fostering valuable relationships for future collaborations.

Benefits in terms of learnings/skills/knowledge obtained:

1. Innovative Thinking: Participants developed and showcased innovative thinking, demonstrating their ability to generate creative solutions to given challenges.

2. Team Collaboration: The emphasis on teamwork and collaborative ideation enhanced participants' ability to work effectively in groups, appreciating the strengths of each team member.

3. Problem-Solving Proficiency: Through engagement with real-world challenges, participants honed their problem-solving skills, gaining practical experience in analyzing and addressing complex issues.

4. Networking Skills: Attendees had the opportunity to network with industry professionals and faculty members, improving their networking skills and expanding their professional connections.

Images of the event:

Overall report of the activity:

Ideathon 2024, organized by the Department of Computer Applications at KIET Group of Institutions on January 13, 2024, proved to be a resounding success. The event saw enthusiastic participation from students, showcasing their innovative thinking and problem-solving skills. Teams collaboratively tackled real-world challenges, fostering a dynamic environment of creativity.

The day-long event included ideation sessions, mentorship opportunities, and networking breaks. Industry professionals provided valuable insights, and participants engaged in lively discussions. The event concluded with impressive presentations by each team, highlighting their innovative solutions.

Ideathon 2024 not only achieved its primary goal of cultivating innovation but also served as a platform for students to enhance their collaborative and problem-solving skills. The networking opportunities created during the event are expected to have lasting impacts, fostering continued collaboration between students, faculty, and industry professionals. The success of Ideathon 2024 reflects the commitment of the Department of Computer Applications at KIET Group of Institutions to nurture a culture of innovation and excellence among its students.

Dr. Amit Kumar

Coordinator-IIPC

Dr. Arun Kumar Tripathi

HOD-MCA

IIC REPORT

Name of the activity:

Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transfer

Duration:4 hrs.

Start Date: 22/12/2023

End Date: 22/12/2023

No. of student participants: 43

No. of Faculty participants:3

No. of External participants:1

Objectives:

Identifying Promising Technologies: Identify technologies developed in laboratory settings with potential for commercialization.

Intellectual Property Protection: Secure intellectual property rights through patents, copyrights, or other forms of protection to prevent unauthorized use or replication of the technology.

Technology Transfer: Transfer the technology from the laboratory to the commercial sector, which may involve licensing agreements, partnerships, or the creation of spin-off companies.

Testing and Validation: Conduct testing and validation to ensure the technology meets quality and regulatory standards.

Funding and Investment: Secure funding and investment to support the commercialization process, including product development, marketing, and distribution.

The process of innovation development, technology readiness level (TRL), and commercialization of lab technologies involve several key steps:

Discovery and Research: This is the initial phase where new ideas and technologies are developed in a laboratory or research setting. Researchers explore concepts, conduct experiments, and gather data.

Proof of Concept: Once a concept is developed, researchers work to demonstrate its feasibility. This often involves building prototypes and conducting initial testing to validate the concept.

Technology Development: In this phase, the focus is on developing the technology further to improve its performance, reliability, and scalability. This often involves iterative testing and refinement.

Technology Readiness Assessment: At various stages of development, the technology readiness level (TRL) is assessed. TRL is a measure used to evaluate the maturity of a technology and its readiness for deployment.

Commercialization Strategy: Developing a strategy for commercialization is crucial. This includes identifying potential markets, understanding customer needs, and defining a business model.

Tech Transfer: The process of transferring technology from the lab to the market involves licensing agreements, partnerships, or establishing spin-off companies.

Market Entry: Finally, the product is launched into the market. This involves marketing, distribution, and sales efforts to attract customers and generate revenue.

Throughout this process, collaboration between researchers, industry partners, and other stakeholders is essential. Effective communication, project management, and resource allocation are also critical for success.

Benefits:

- Economic Growth: Successful commercialization of lab technologies can lead to the creation of new industries, businesses, and jobs, contributing to economic growth.
- Knowledge Transfer: The process of tech transfer involves the transfer of knowledge and expertise from researchers to entrepreneurs and businesses, fostering innovation and entrepreneurship.
- Collaboration: The process often involves collaboration between researchers, industry partners, and government agencies, fostering a culture of collaboration and innovation.
- Select 5 students (as Project Guide / Mentor)

Poster of the event:

Overall report of the activity:

Aexpert talk on Process of Innovation Development, Technology Readiness Level: Commercialization of Lab Technologies and Tech-Transferdelivered by Mr. Shreegopal Kabra.

Following are the main points about the lecture:

- How to transform RR Kabel from a small trading company into a global giant.
- Discuss about Tech Transfer.
- Select 5 students (as Project Guide / Mentor)

KIET

Role of Entrepreneurship centers in conversion of mini and major products into I.P.R and Commercial product development

- Proof of design, inventor, or other I.P.
- Evaluation of Technology Readiness Skill, Manufacturing Readiness Level, International readiness level of Product
- Development of sellable product/ service
- Digital Marketing
- Sales on digital platform

A Report on Viksit Bharat@2047 Telecast

Name of the activity:Live Telecast on the launch of the portal for Viksit Bharat@2047

Duration: One Day

Start Date:Dec 11, 2023

End Date:Dec 11, 2023

No. of student participants:250

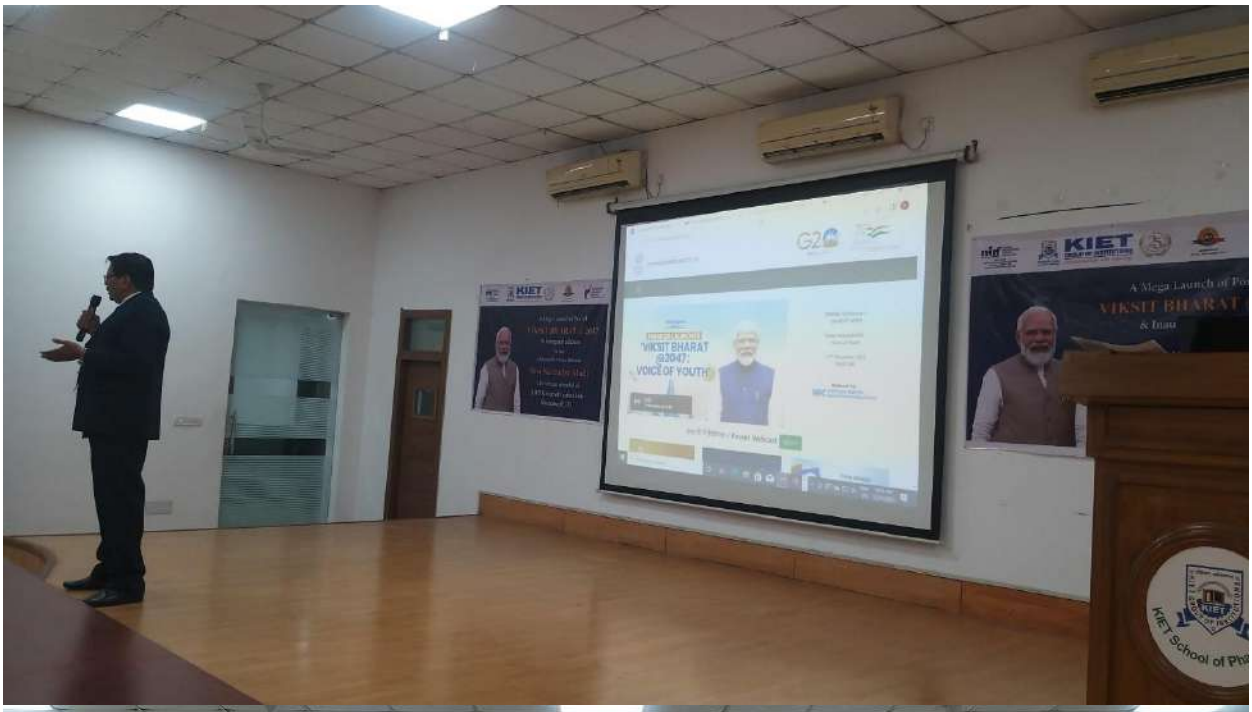
No. of Faculty Participants: 15

Objective:To attend the inaugural address by the Prime Minister Shri Narendra Modi

Benefits:

KIET's live telecast of Prime Minister Modi's inaugural speech on December 11 represents a significant step towards mobilizing India's youth for national development. Modi's focus on excellence and collective effort challenges young people to become active agents of change. His vision of a future built upon a robust foundation suggests long-term planning and investment in critical areas. The enthusiastic response from the student audience reflects a growing awareness of their potential and a willingness to contribute towards India's ambitious goals. This event, therefore, serves as a catalyst for India's transformation into a global leader by 2047, with future generations equipped to make even greater strides towards progress and well-being.

Images:


KIET
VIKSIT BHARAT
@2047:
VOICE OF YOUTH
KIET School of

Overall report of the activity:

KIET Group of Institutions hosted a live telecast of Prime Minister Narendra Modi's inaugural speech at their Pharma Conference Hall in Muradnagar, UP on December 11, 2023. The half-hour address focused on the pivotal role young people play in transforming India into a developed nation.

Prime Minister Modi stressed the importance of excellence in all aspects of daily life, urging the youth to strive for their best. He emphasized that this is a critical time for India, where collective effort is needed to rewrite history for future generations. He envisioned a future where a solid foundation allows subsequent generations to contribute more effectively to the nation's progress and humanity's well-being.

His inspiring words resonated with the audience, evidenced by their active engagement and participation. Prime Minister Modi effectively connected with the students, igniting their passion and motivating them to discover their purpose in shaping India's future. This workshop served as a catalyst, paving the way for India's development and global leadership by 2047.

IIC Report Format

Name of the activity: Report for Inter/Intra Institutional Idea Competition-**IDEATEX By E-Cell KIET**

Promotion in Social Media:

INSTAGRAM:
https://www.instagram.com/p/Cz348kMSaU/?igshid=MzRlODBiNWFlZA==

LINKEDIN:

https://www.linkedin.com/posts/e-cell-kiet_participate-and-win-activity-7132395928736440320--nmz?utm_source=share&utm_medium=member_android

Duration: 5 hours

Start Date: 25-11-2023

End Date: 25-11-2023

No. of student participants: 200

No. of Faculty Participants: 05

No. External participants: 15

Objective :

E-Cell, the esteemed student body of the KIET Group of Institutions, proudly presents IdeateX, a dynamic event fostering innovation and entrepreneurship. Ideathon provides a platform for aspiring entrepreneurs to ideate, collaborate, and pitch their innovative business concepts. This inter-institutional event serves as a catalyst for nurturing the entrepreneurial spirit among young minds

1. Augment proficiency in the field of innovation among the youth and open a new window for their future
2. Providing opportunities for mentorship, and networking, with eminent professionals
3. Foster to convert achievable ideas into leading businesses
4. Achieve inspiring surroundings that promote entrepreneurship

Benefits in terms of learnings/skills/knowledge obtained:

A vibrant gathering encouraging creativity and risk-taking. At this ideathon, would-be company owners may come up with new concepts, work together, and present their ideas to an audience. Young people's entrepreneurial spirit might be nurtured through this inter-institutional event.

Poster of the event:

Photograph 1(image):

Photograph 2:

Overall report of the activity:

IdeateX, hosted by E-Cell at the KIET Group of Institutions, unfolded on November 25, 2023, as a monumental event inspiring 200 student participants and 15 external enthusiasts in the realm of innovation and entrepreneurship. With an overarching aim to augment proficiency in innovation among the youth, IdeateX successfully opened a new window for their future, providing a dynamic platform for aspiring entrepreneurs to ideate, collaborate, and pitch their innovative business concepts.

The event encompassed a range of activities designed to achieve specific objectives. It acted as a catalyst for nurturing the entrepreneurial spirit among the participating students, fostering an environment that encouraged creativity and risk-taking. Ideathon, a key component of IdeateX, provided participants with an opportunity to convert achievable ideas into leading businesses.

Moreover, IdeateX facilitated invaluable opportunities for mentorship and networking with eminent professionals, creating a bridge between aspiring entrepreneurs and established figures in the business world. This interaction not only enriched the participants' knowledge but also provided practical insights into the world of entrepreneurship.

The event's success was measured not just in terms of the number of participants but also in the vibrant and inspiring surroundings it created. Participants not only learned new skills but also developed a mindset that promotes entrepreneurship. IdeateX, with its forward-thinking approach, left an indelible mark on the participating students, empowering them to pursue their entrepreneurial dreams with newfound confidence. The IdeateX event stands as a testament to the commitment of KIET Group of Institutions in fostering innovation and entrepreneurship among the youth.

A Report on IIC Regional Meet 2023

Name of the activity:IIC Regional Meet 2023, NOIDA

Duration: One Day

Start Date: Nov 23, 2023

End Date: Nov 23, 2023

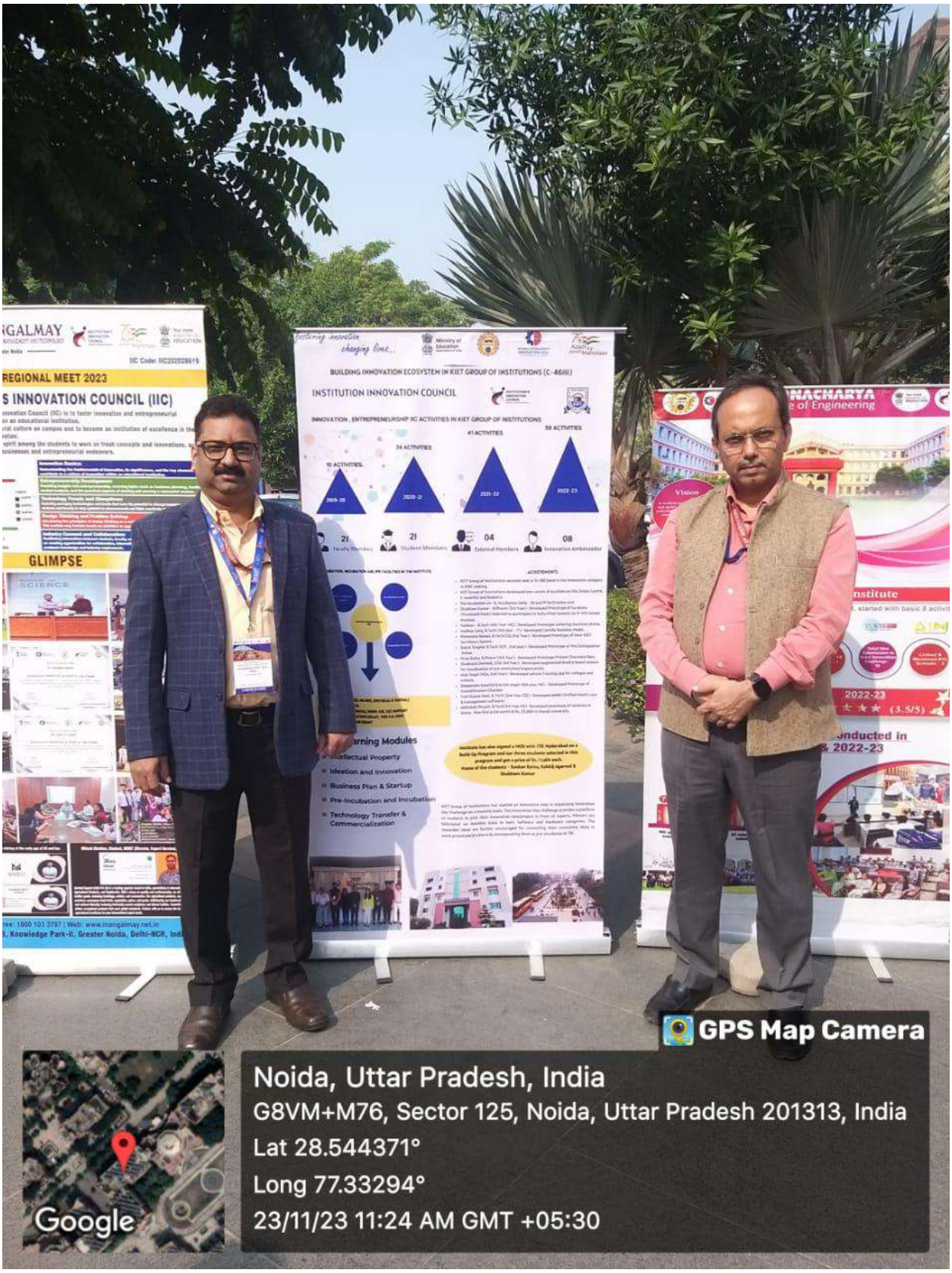
No. of student participants: 6

No. of Faculty Participants: 2

Objective: Promoting ecosystem for innovation and entrepreneurship in academic institutes and universities.

Images:

GPS Map Camera
Noida, Uttar Pradesh, India
4th Floor, E-3 BlockSector, Sector 125, Noida, Uttar Pradesh 201313, India
Lat 28.544395°
Long 77.333036°
23/11/23 11:25 AM GMT +05:30
Google


REGIONAL MEET 2023
S INNOVATION COUNCIL (IIC)
GLIMPSE
BUILDING INNOVATION ECOSYSTEM IN KIET GROUP OF INSTITUTIONS (C- 46III)
INSTITUTION INNOVATION COUNCIL
INNOVATION , ENTREPRENEURSHIP IIC ACTIVITIES IN KIET GROUP OF INSTITUTIONS
10 ACTIVITIES
19 ACTIVITIES
41 ACTIVITIES
59 ACTIVITIES
2019-20
2020-21
2021-22
2022-23
21 Faculty Members
21 Student Members
04 External Members
08 Innovation Ambassador
ACHIEVEMENTS
rning Modules
Intellectual Property
Ideation and Innovation
Business Plan & Startup
Pre-Incubation and Incubation
Technology Transfer & Commercialization
Vision
2022-23
(3.5/5)
GPS Map Camera
Noida, Uttar Pradesh, India
G8VM+M76, Sector 125, Noida, Uttar Pradesh 201313, India
Lat 28.544371°
Long 77.33294°
23/11/23 11:24 AM GMT +05:30
Google

GPS Map Camera
Noida, Uttar Pradesh, India
4th Floor, E-3 BlockSector, Sector 125, Noida, Uttar Pradesh 201313, India
Lat 28.544395°
Long 77.333036°
23/11/23 11:25 AM GMT +05:30
Google

Overall report of the activity (word file and PDF both) min 250 words:

On November 23, 2023, Amity University IIC hosted the IIC Regional Meet 2023, a vibrant gathering of innovators, entrepreneurs, and academicians dedicated to fostering innovation and entrepreneurship within higher education institutions (HEIs). This esteemed event provided an exceptional platform for institutions to cultivate strong inter-institutional partnerships with fellow HEIs and prominent ecosystem enablers, including incubators, angel investors, venture capitalists, knowledge agencies, national resource agencies, and central and state government agencies actively engaged in promoting innovation, intellectual property, and start-ups within HEIs.

IIC Report

Name of the activity:National Education Day

Promotion in Social Media:

Duration: 1 Hour

Start Date: November 10, 2023

End Date: :November 10, 2023

No. of student participants: 76

No. of Faculty Participants: 04

No. External participants: NA

Objective (in 100 letters):

To let the students, know about

National Education Day is celebrated in India on November 11th every year to commemorate the birth anniversary of Maulana Abul Kalam Azad, the first Education Minister of independent India. Maulana Azad was a prominent freedom fighter, scholar, and a key architect of the Indian education system.

The day aims to highlight the importance of education in the overall development of individuals and the nation. It also serves as a reminder of the need to promote education for all, irrespective of caste, creed, gender, or socio-economic background.

National Education Day is an occasion for educational institutions, government bodies, and non-governmental organizations to organize various events, seminars, and activities to promote the

significance of education. These events often focus on discussing and addressing challenges in the education system while emphasizing the role of education in fostering tolerance, social harmony, and economic development.

On this day, schools and colleges often conduct special programs, including lectures, debates, and cultural activities, to instil a sense of responsibility and commitment towards education among students. The celebration of National Education Day underscores the commitment of the nation to provide quality education and create an informed and empowered citizenry.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters):

Due to the initiation of Dean IEC, it has been decided to inculcate the culture of National Education Day in the KIET group of Institutions during the meeting. This all began to support the larger dream of our respected Director Dr. (Col) Amik Garg. While supporting the dream of Director Dr. (Col) Amik Garg on 11 November, 2023, in CSIT Department has been organized with the permission of HOD-CSIT

Dr.Abhinav Juneja (HOD, CSIT), Mr. Sachin Rathore, Assistant Professor & Students (Department of Mechanical Engineering) was the main speaker and resource person for the seminar. While sharing his knowledge Mr. Sachin Rathore also allowed happening brief discussion on the importance of National Education Day. This shows a positive hope towards keeping the entrepreneurial objective a truth at KIET Group of Institutions.

It aims to achieve several goals:

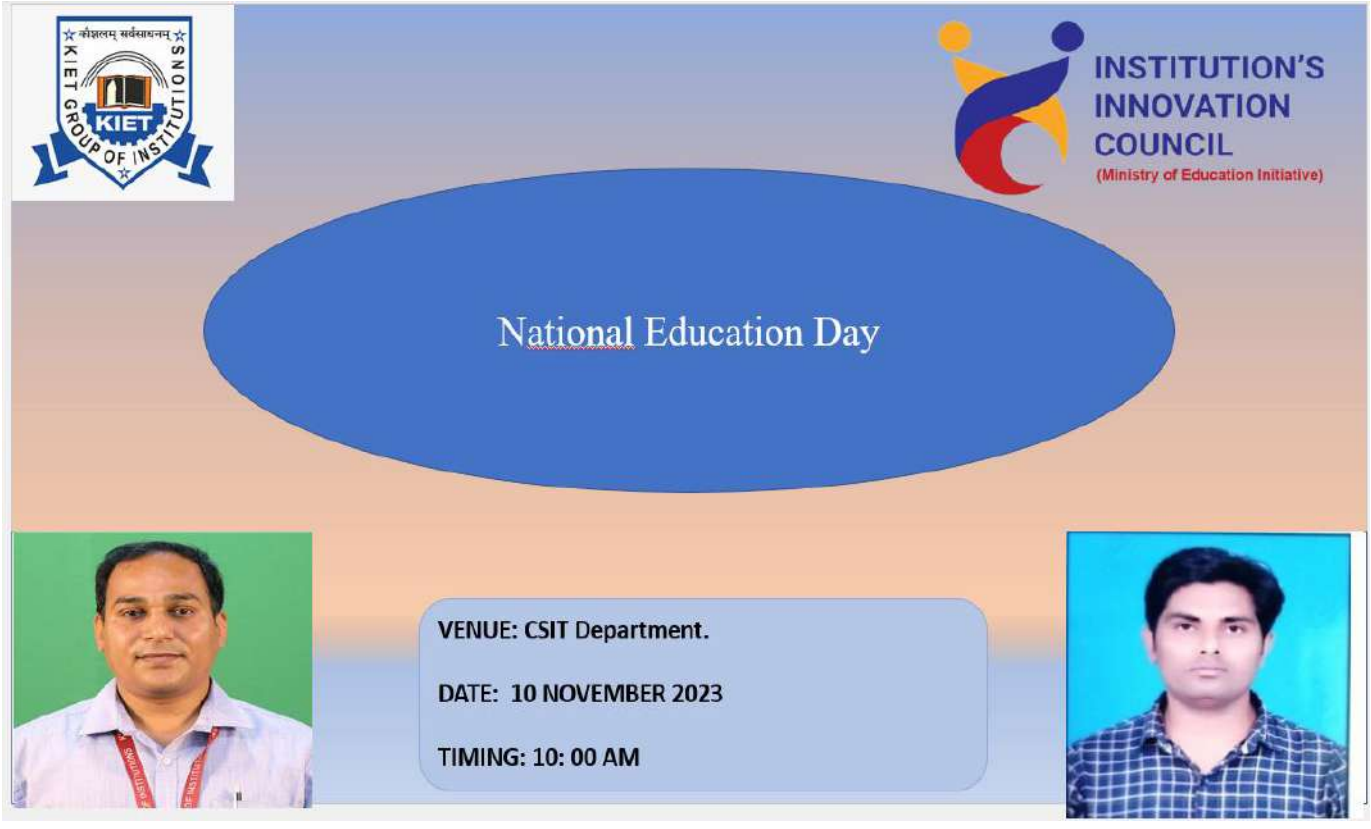
1. **Honoring Maulana Abul Kalam Azad:** National Education Day is observed on the birth anniversary of Maulana Abul Kalam Azad, the first Education Minister of independent India. The day aims to pay tribute to his contributions and vision for the development of education in the country.
2. **Raising Awareness:** The day serves as a platform to raise awareness about the significance of education as a fundamental right and a key driver of individual and national development.
3. **Reflecting on Progress:** National Education Day encourages a reflective approach to the progress and challenges in the education sector. It provides an opportunity to assess the achievements made and identify areas that need improvement.
4. **Promoting Inclusivity:** The celebration underscores the importance of inclusive education, emphasizing the need to provide quality education to all segments of society, regardless of socio-economic background, gender, or other demographic factors.

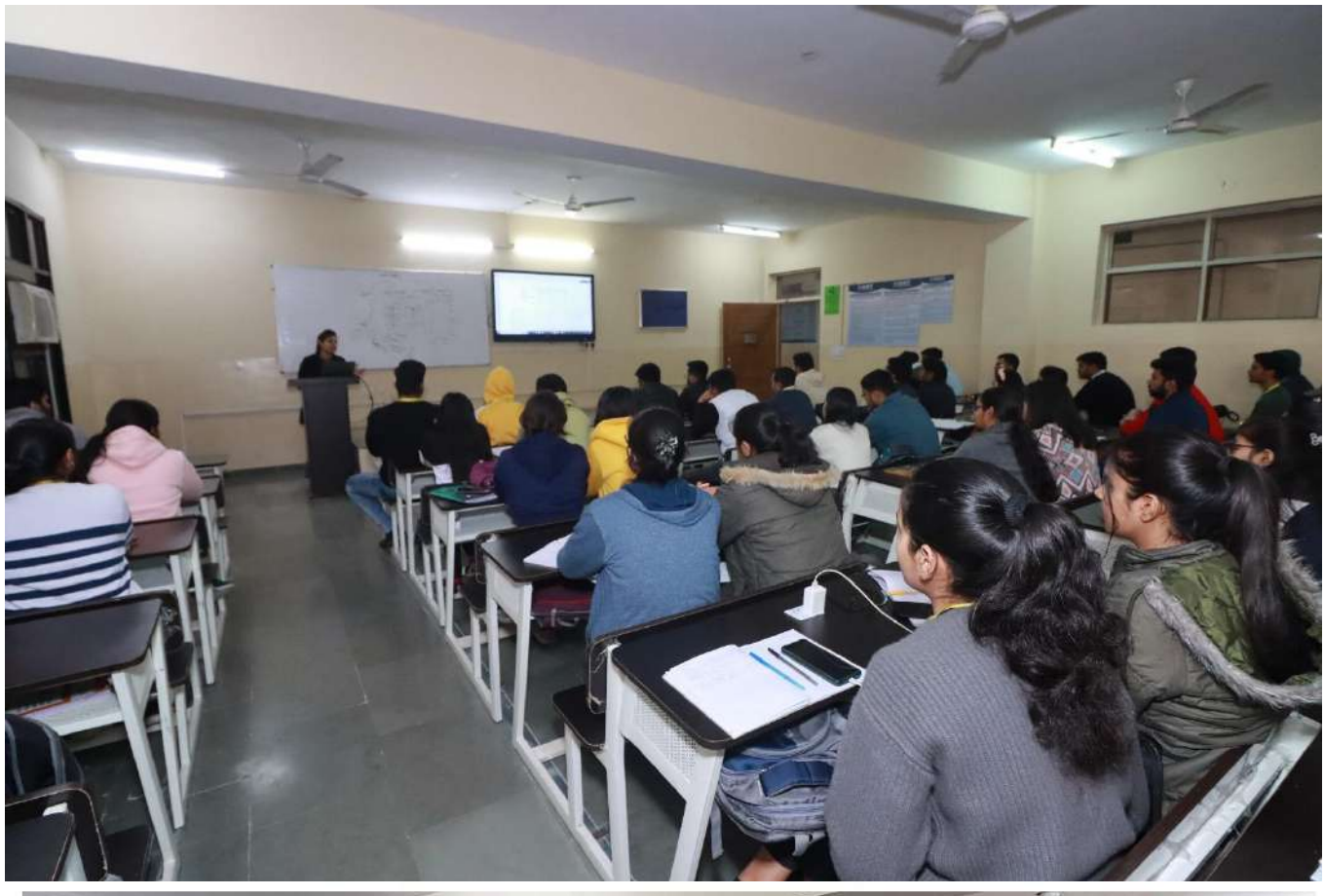
5. **Encouraging Innovation:** National Education Day encourages the exploration and implementation of innovative teaching methodologies, technological advancements, and curriculum reforms to enhance the quality of education and make it more relevant to the changing needs of society.
6. **Recognizing Achievements:** The day is marked by the recognition and appreciation of individuals, institutions, and organizations that have made outstanding contributions to the field of education. This recognition serves as a motivation for continued excellence in the education sector.
7. **Community Engagement:** National Education Day promotes community engagement by encouraging local communities to actively participate in educational initiatives and support the overall improvement of the education system.
8. **Setting a Direction for the Future:** The celebration provides a platform for discussions and dialogues among policymakers, educators, students, and other stakeholders. These conversations help in setting a direction for the future of education in the country, with an emphasis on continuous improvement and adaptability to changing global trends.

Event Highlights:

Workshop Report on National Education Day is to document and communicate the key insights, discussions, activities, and outcomes of a workshop focused on these topics. The report serves as a comprehensive summary for those who attended the workshop.

Poster of the event:





Event Coordinator: Mr. Ankit Kumar Saini (Assistant Professor & IIC Coordinator-CSIT)

IIC Report- Activity 6.0

Name of the activity: Celebration of National Entrepreneurship Day on 9th Nov 2023

Duration: 1hr (3:30 pm - 4:30 pm)

Start Date: 9thNov,2023

End Date: 9thNov,2023

No. of student participants: 200

No. of Faculty Participants: 10

No. of External participants: Nil

Objective: The Ministry of Skill Development and Entrepreneurship was notified on 9th Nov, 2014. The Ministry celebrate this day as National Entrepreneurship Day. The objective of celebrating this special day is to honor and recognize entrepreneurs for their innovative thinking, hard work and dedication to growing successful businesses. It's an important reminder that entrepreneurship isn't just about money; it's about having the courage and creativity to take risks, overcome challenges and make a positive impact in our world. As a token of appreciation, the day celebrations were directed to applaud all those entrepreneurs who have made their dreams come true and inspire others to do the same.

Benefits in terms of learnings/skills/knowledge obtained: National Entrepreneur's Day is a great way to honor the innovators, creatives and risk-takers who are making huge changes in their communities with their businesses. It's an opportunity to recognize the hard work and dedication of entrepreneurs, who take huge risks to grow their businesses and create new jobs. Students learnt the reasons for celebration of such events and sharing of success stories of successful and aspiring entrepreneurs added to their motivation. They were highly inspired for learning entrepreneurship as a discipline and were keen and willing to share their innovative business ideas. Many students have a keen inert desire to start their own business. They lack direction thought being high on spirits and skill sets. Many lack skills but are having abundant resources. The platform helped them to boost their spirits high in the direction and many of them raised questions which were answered well to the best of their satisfaction. It is hoped that students are willing to bring forward their best business ideas which through due diligence and guidance can be shaped for upscaling their business skills.

Poster of the event:

Photograph 1(image):

Photograph 2(image):

Photograph 3(image):

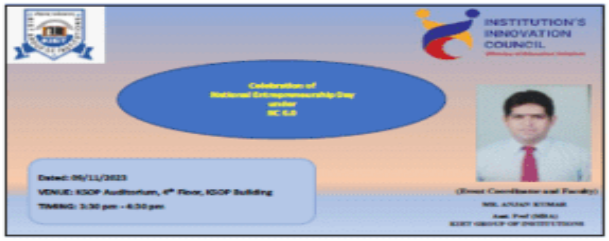
Overall report of the activity:

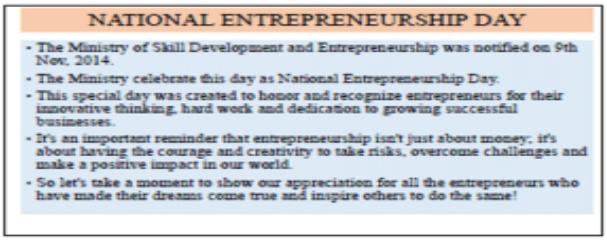
The basic objective of celebrating National Entrepreneurship Activity was to induce a spirit of entrepreneurship among the students. If these young minds have an idea for a business but never got around to starting it then National Entrepreneurship Day was the perfect time to give it a go. It may take some hard work and dedication, but it could be well worth it in the end.

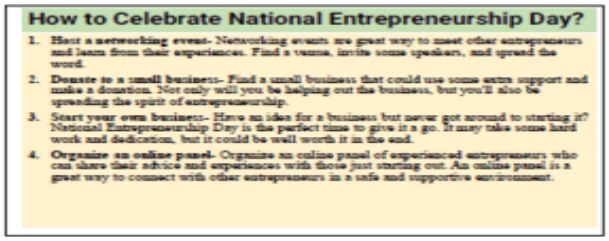
Keeping the same into mind, this event was organized and conducted in Kiet School of Management, KIET GROUP OF INSTITUTIONS, DELHI- NCR on 09/12/23. The session was wonderfully conducted by Prof. Anjan Kumar who appreciated the audience for their wonderful involvement and dedication towards learning entrepreneurship tactics and are willing to enhance their skill sets.

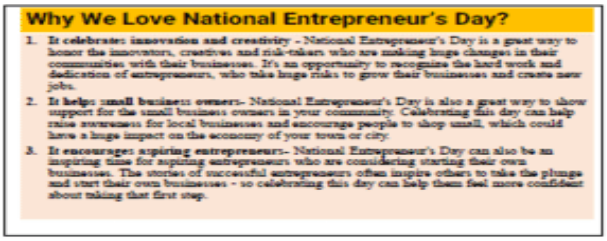
The event started from knowing what National Entrepreneurship Day is all about and what are the reasons for celebrating National Entrepreneurship Day. The session added to how we can make this day memorable and remarkable as well. Mr. Anjan Kumar enriched the students about what entrepreneurship really means along with the risk associated with it. He shared wonderful success stories of young and aspiring entrepreneurs which created heat among young aspiring budding entrepreneurs of tomorrow. He presented examples from industry, education, technology and other varied platforms where remarkable business stories have garnered attention due to dedication, flamed spirits for business and where innovative business ideas have converted to commercialized business landscape. On the same platform, students came up with some queries which were answered well. The session ended with smiles and hopes from student fraternity who if guided well can be future entrepreneurs of the country and inspiration for generations to come.

Jai Hind!









IIC Report

Name of the activity: My story – Motivational Session by successful Entrepreneur/Start up Founder.

Duration: 11 a.m. To 2.00 p.m.

Start Date: 25 October 2023

End Date: 25 October 2023

No. of student participants: 561

No. of Faculty Participants: 25

No. External participants: 04

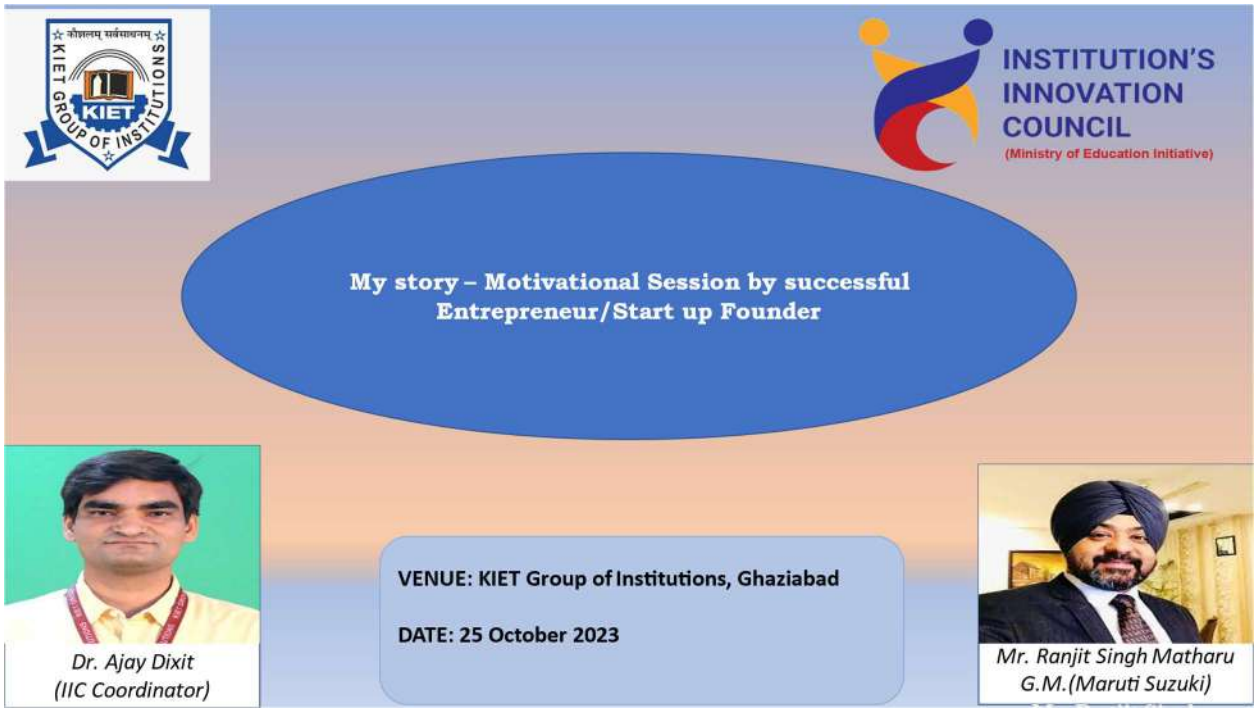
Objective:

An entrepreneur is someone who organizes, manages, and has the guts to take on all the risks involved in starting a new company. Economist J.B. Say asserts that entrepreneurs are those who can economically (effectively and efficiently) manage their resources and transform low productivity into high productivity. An entrepreneur is essentially someone who engages in a business or commercial activity where the business players are fully responsible for formulating business strategy, developing new products, promoting existing products, and obtaining funding.

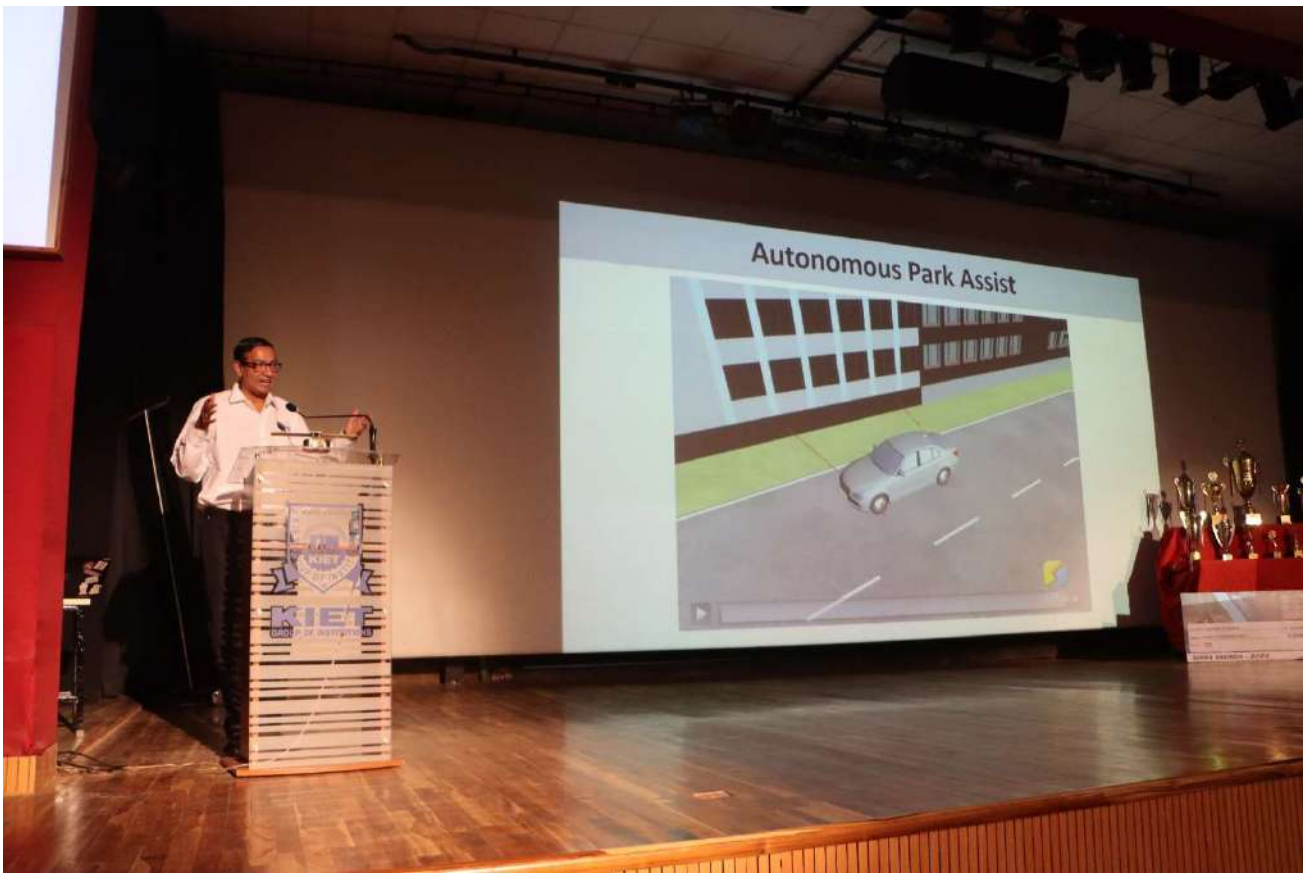
Benefits in terms of learnings/skills/knowledge obtained :

Establishing goals for your company entails figuring out why it exists, what it needs to do, and its purpose. Startups need to make sure that they provide outstanding customer service, are accessible around-the-clock, and market locally sourced, sustainable goods. It is therefore best to collaborate with reputable local providers, such as your neighborhood gummy producer, if you intend to launch your own health and wellness brand. Establishing long-term objectives helps you define your business statement. The steps should include raising brand awareness, growing the company's size, gaining market share, and enhancing customer service. For startups, establishing short-term business goals is essential. It will help them stay focused on their goal until the end of the fiscal year.

Poster of the event: (image)



Photograph 1 (image):



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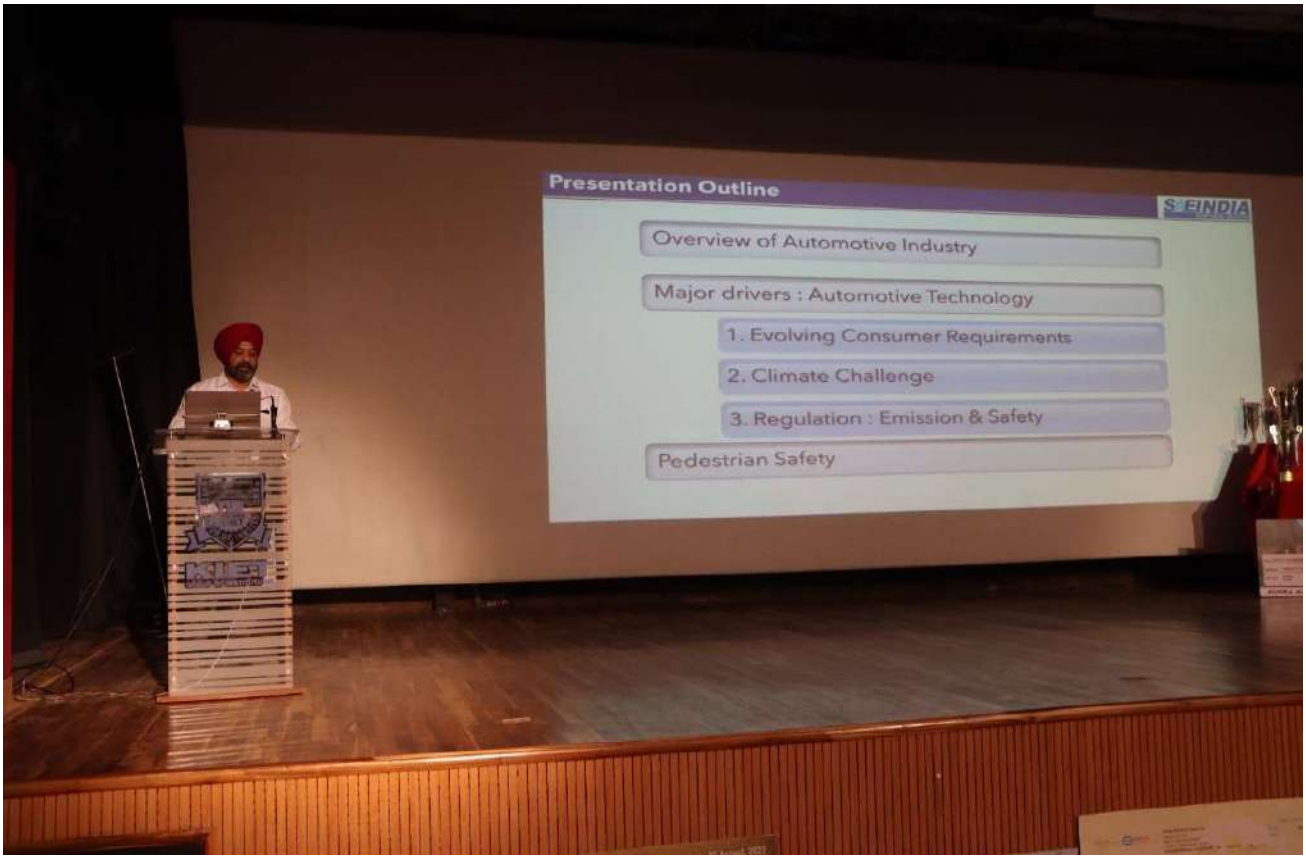
Photograph 3 (image):



Photograph 4 (image):

Overall report of the activity :

At KIET Group[of Institutions On the occasion of motivational session by successful Entrepreneur/Start up Founder, the address session was completed by Joint Director Dr. Manoj Goel, Dean (Academics) Dr. Anil Ahalawat and Dean (Student Welfare) Dr. Satish Kumar. Mr. Tuhin Srivastava who is mentor faculty of SAE KIET Club addressed the students and gave them an insight about the activities of SAE KIET collegiate club. He told the difference between theoretical and practical engineering and motivated students to have self-confidence. Deputy General Manager of TBI KIET who has vast experience as Member of PMIC advisory board, member of Geeta University, introduced TBI (Technical Business incubator) KIET and talked about Startups and entrepreneurship. It is a registered body under Society Registration Act 1860 as Krishna Path Incubation Society-TBI in 2007. TBI-KIET was jointly promoted by NSTEDB, Department of Science & Technology, Govt. of India and KIET Group of Institutions, Ghaziabad. Since 2012, It is showing satisfactory growth in terms of startups incubation mentoring and graduation. He explained the various stages of entrepreneurships and discussed about various platforms which are helpful for growing the start-ups and also told about the support provided by TBI KIET to help students for growing the start-ups.

A motivational talk was delivered by Prof. A. R Dubey (Ex-Vice Chancellor, Lingaya's University). He has a extensive experience in Pharma Sales & Marketing and Teaching Experience in Higher Education and staunch believer of investment in human relation. As a part of the Students Induction Programme (2023-24), a technical talk was organized on 11th October 2023. The session featured a highly distinguished and esteemed personality, Prof. Dhananjay Gadre who is Associate Professor NSUT. Prof Gadre shared his great experiences and had shown many instruments which are made by him and his students who are studying in his lab. He demonstrated a battery less remote and also discussed battery less electronic device like electronic birthday blow candle which is extinguished by blow etc. He told about Atal Tinkering Lab which is started by the government of India for school students. An industrial talk "Virtual Simulation of ADAS features" was delivered by Mr. Ramanathan Srinivasan (MD, ATS) and Vice Chairman Seminar & Conferences SAENIS. He talked about automotive vehicles and described in detail about the growth of India in automobile sector. A motivational talk by Dr Pratibha Jolly, **f**ormer Principal Miranda House and Academic Consultant NAAC was scheduled during SIP. She told about enterprise, entrepreneurship by giving many examples like times top innovator, Kids of year 2020 Geetanjali Rao, Children's climate prize to Vinisha Umashankar, School kids satellites etc. She talked about the fast change in work culture and also discussed on first private Lunar mission, Chandrayan 2 and Chandrayan 3. She also gave many valuable insights about new education policy, current technology, new methods of teaching, Meta classrooms and many more. Mr. Ranjit Singh Matharu. GM, Maruti Suzuki India Limited addressed the students. In his technical talk, he told about the company Maruti Suzuki India Limited and also about the crash test of car.

IIC Report

Name of the activity: My story – Motivational Session by successful Innovators

Duration: 11 a.m. To 2.00 p.m.

Start Date: 20 October 2023

End Date: 20 October 2023

No. of student participants: 592

No. of Faculty Participants: 22

No. External participants: 03

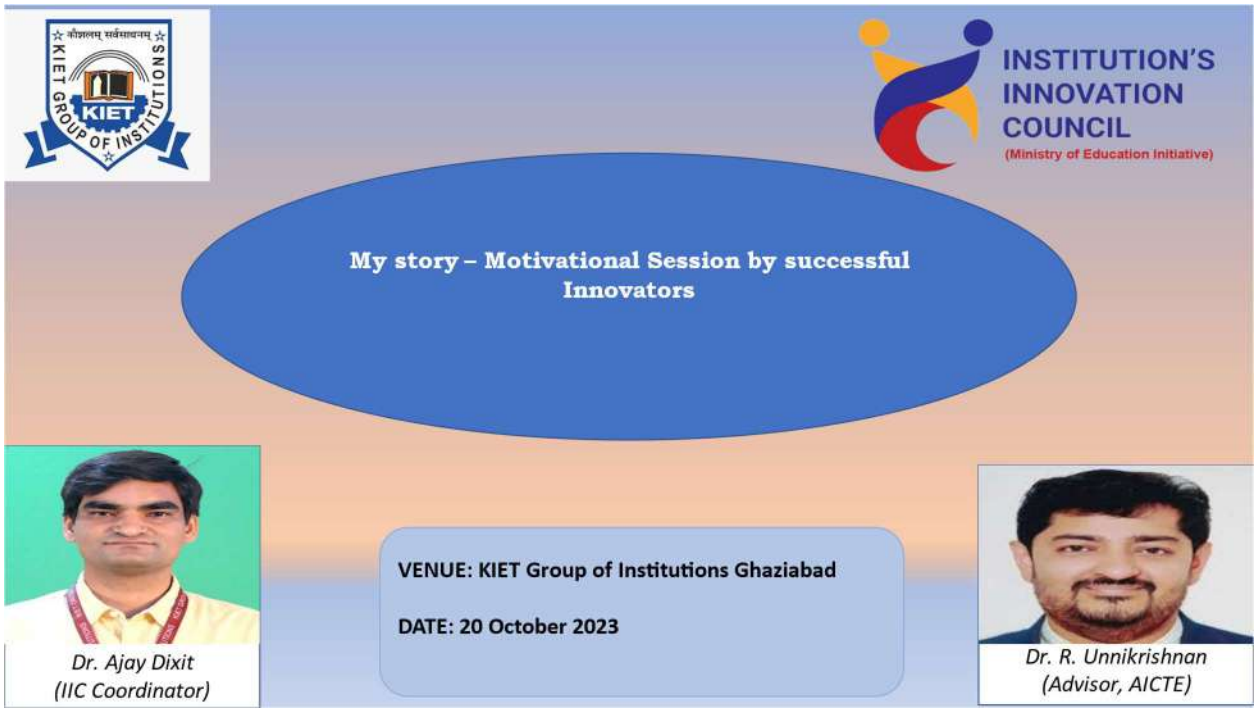
Objective:

The stage of the design process where you focus on coming up with ideas is called ideation. It symbolizes "going wide" in terms of notions and results in the mind. Ideation serves as both a catalyst and a supply of materials for creating prototypes and bringing creative concepts to the hands of your users.

Benefits in terms of learnings/skills/knowledge obtained :

The method for approaching, analyzing, and solving real-world problems, as well as the approaches to be taken to gain knowledge of the advantages and difficulties associated with product design and innovation. Idea generation is an innovator's best tool. The process of coming up with ideas and solutions through various sessions including brainstorming, prototyping, sketching, writing, worst-case scenario analysis, and many more ideation approaches is known as idea generation. The third step in the Design thinking methodology is also ideation. Even though a lot of people have probably participated in "brainstorming" sessions previously, leading an ideation session that is productive is difficult. There are some procedures and rules that assist you in organizing and getting ready for ideation sessions that are successful, efficient, creative, and enjoyable.

Poster of the event: (image)



Photograph 1 (image):

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Overall report of the activity :

KIET Group of Institutions, Delhi-NCR, Meerut Road, has organized a motivational session by successful Innovators on October 20, 2023. After addressing the session by Hon'ble Director, Dr. (Col.) Amik K Garg, Dr. S. Tiwari, Dean (AS), HOD (Civil) and Head EEM Cell, the students were addressed by Shri Sushil Agarwal, chairman of AVRO India Limited. He is a proud recipient of Paul Harris Fellowship for his social contributions. Shri **A**garwal delivered a very informative and mentoring session, talked about his life, his struggle and fight backs in life. He told the students to value their parents, teachers and also asked them to value themselves, the country and the society as a whole. He also motivated the students to show case their talent. The students interacted with Shri Agarwal about their problems too. Dr. Ramesh Unnikrishnan, Advisor, AICTE was invited to address and motivate the first year students. Dr Ramesh explained about vision of AICTE regarding Student Induction Program. He told the importance of SIP for newly joined B.Tech First Year students, also discussed about peer pressure faced by engineering students. The chief guest shared a lot of his real life experiences like how was his journey to become an engineer and what are the major difficulties and pressure a student faces to achieve his or her goal. He also told a story about a girl who had faced many challenges at a very young age but still managed to get the highest marks in her college and consequently to grab a good job. The chief guest motivated the students with his motivational speech.

An industrial talk “Learner to Leader” was delivered by chief guest Mr. Vivek Kumar Jakhmola, Director MTA EMTC and Mangla Tubi Private limited and Convener L2L Programme SAENIS. He told about a programme, Learner to Leader and also said that “we are defined by our actions, not our thoughts”.
The programme was attended by about 600 student. This program, which combines a variety of extracurricular and academic activities with health-related sessions, aims to acquaint students with the academic, co-curricular, and recreational resources offered by the college. The entire program inspired the students to always maintain a healthy and positive mindset. Activities such as creative arts and innovations were organized.

IIC Report

Name of the activity: Workshop on "Entrepreneurship and Innovation" as Career Opportunity.

Promotion in social media:

https://youtu.be/4d4wOb6CNEY

https://fb.watch/nN-n89e40m/

KIET Group of Institutions: Latest News, Events, Photos, Campus Reports (collegedunia.com)

https://www.facebook.com/kiet.edu/posts/pfbid02k4SJxWp7EkQpfMDjMvUN7FuDi8Uw1gEpPeqePAjZPurda36f3XvAB5NZLCbFQYxcl

https://www.instagram.com/p/CylCp8BAiFg/?fbclid=IwAR2RwZOp6WQ0FSeptjkCBj_5ne8rW5idVslYNNijxojN9zvcriseayf5y4U

https://www.linkedin.com/feed/update/urn:li:ugcPost:7120733182538215424/

https://twitter.com/Kiet_edu/status/1714966524635890021

Duration: 11 a.m. To 2.00 p.m.

Start Date: 19 October 2023

End Date: 19 October 2023

No. of student participants: 653

No. of Faculty Participants: 25

No. External participants: 01

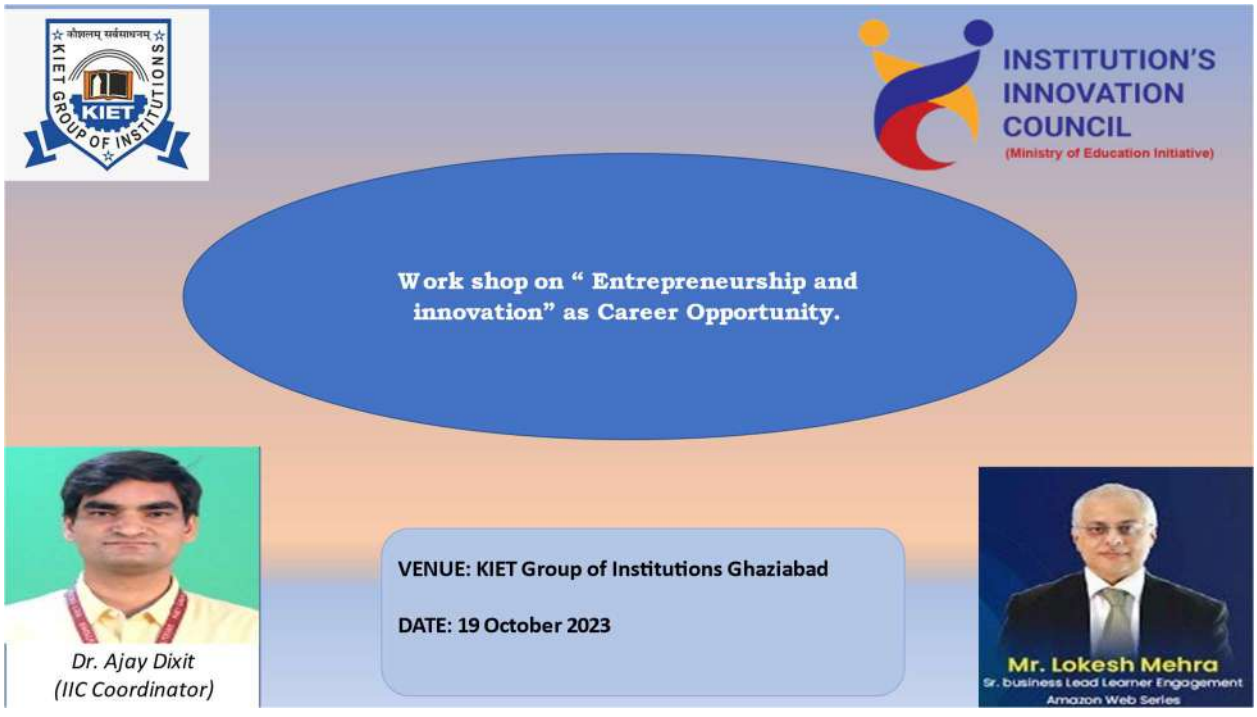
Objective (in 100 letters):

Amrit Kaal, according to the Prime Minister's statement, sees India as a developed country in which the fruits of development will reach every region and people when the country completes 100 years of independence in 2047. The aim of organizing the event in the region is to inspiration, motivation, and Ideation to the students.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters):

Higher Education Institutions are holding the " Entrepreneurship and innovation: Career Opportunity " event as India enters the "Amrit kaal" to talk about the transformational changes that have set the stage for "Viksit Bharat" by 2047. Under the watchful eye of our honored Prime Minister of India, **Shri Narendra Modi Ji**, the Ministry of Education is collaborating with the All India Council of Technical Education (AICTE) on this effort. Prominent figures from academia, business, music, sports, and public service will give talks and lectures on a range of topics related to development initiatives, problems, rules, and themes that have a significant influence on the everyday lives of people. In this regard, the KIET Group of Institutions has been proposed by AICTE as the venue for the event. The Department of B. Tech First year and Applied Sciences is organizing this event on October 19, 2023, and it will be graced by Mr. Lokesh Mehra, Senior Business Lead Learner Engagement at Amazon Web Services. He is a renowned and esteemed personality who will deliver a lecture on the topic "Working the New 'Normal': Opportunities & Transformation." Mr. Mehra is part of the Employer Engagement team for Amazon Web Services (AWS). His charter is to help learners build knowledge in Cloud Computing and AWS proficiency by engaging in the direct application of Cloud skills. Mr. Mehra's professional journey includes stints with other leading organizations, including NASSCOM, Oracle, Symantec, Microsoft, Cisco, Intel, and NIIT. There are a lot to learn from Mr. Mehra for the students to get the key to success in their journey.

Poster of the event: (image)



Photograph 1 (image):

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Overall report of the activity (word file and PDF both) min 250 words:

KIET Group of Institutions Ghaziabad organized Work shop on “Entrepreneurship and innovation” as Career Opportunity by participating in “Amrit Kaal Vimarsh lecture on Viksit Bharat 2047” on 19th October 2023. The chief guest Mr. Lokesh Mehra, Sr. Professor of AICTE, Business lead Learner Engagement (Amazon Web Services) has developed the interest of students towards employment via AI generated technology. He suggested that to get better position in this field it is required to have good communication skill, one foreign language and internship grade. First, he visited the campus and then he was welcomed by Director A. Garg, Joint director Manoj Goel, Dean AS, S. K. Tiwari.

In the welcome address Director sir conveys gratitude for being selected for the same talk. He asked to the students to fulfil their career-oriented targets by building up technical skills. Dean AS stated to the students how to develop career by managing academics, sports, Yoga/fitness, and technical skills.

The speaker further encouraged students to be update with international education standards and meets the special interests and abilities of today's youth. He delivered a small presentation on Viksit Bharat. He mentioned that development is not possible without education. He made detailed observations about the changing educational landscape since before independence. He said NEP 2020 aims to transform India into a global knowledge superpower and it is the responsibility of teachers and students, who are the real stakeholders, to ensure its success. The event brought together more than 500 participants. All the queries from student side have been entertained nicely.

IIC Report

Name of the activity: Celebration of Innovation Day

Promotion in social media:

https://www.facebook.com/kiet.edu/posts/pfbid0MpnDEnShwvDJ7d9j2zuviCzSuXvzc9VNvqRQRsFkkeRbTTXa9Aw2xqJbbtocMAFWl

https://www.instagram.com/p/Cy2_hu1gG3r/?fbclid=IwAR1zC6R9r94jYmpzQGE4Eici3SSD75iPsJsixmam43iTtzq4_xIzXmdWlMA

https://www.linkedin.com/feed/update/urn:li:ugcPost:7123259396771524608/

https://twitter.com/Kiet_edu/status/1717493567600627816

Duration: 3 hrs.

Start Date: 17 October 2023

End Date: 17 October 2023

No. of student participants: 616

No. of Faculty Participants: 38

No. External participants: 0

Objective (in 100 letters):

Young inventors are encouraged to share their ideas with the world by events like Innovation Day. The national innovation day is observed in remembrance of Bharat Ratna APJ Abdul Kalam, the former president of India. The Institute's Innovation and Entrepreneurship Development Cells are normally in charge of organizing this program.

Benefits in terms of learnings/skills/knowledge obtained (in 150 letters):

Innovation education gives students the chance to hone abilities like originality, flexibility, and resilience, thereby preparing them for a dynamic job. elevated student engagement and motivation. enhanced data analysis to learn more about the performance and progress of students. platforms for adaptive learning that adjust the pace and content based on the ability of the student. Effective administrative procedures, such as those for grading and scheduling. With an emphasis on creativity, critical thinking, communication, and collaboration, learning and innovation skills are increasingly being acknowledged as the abilities that distinguish students who are ready for the increasingly complicated living and work settings of the twenty-first century.

Poster of the event: (image)

Photograph 1(image):

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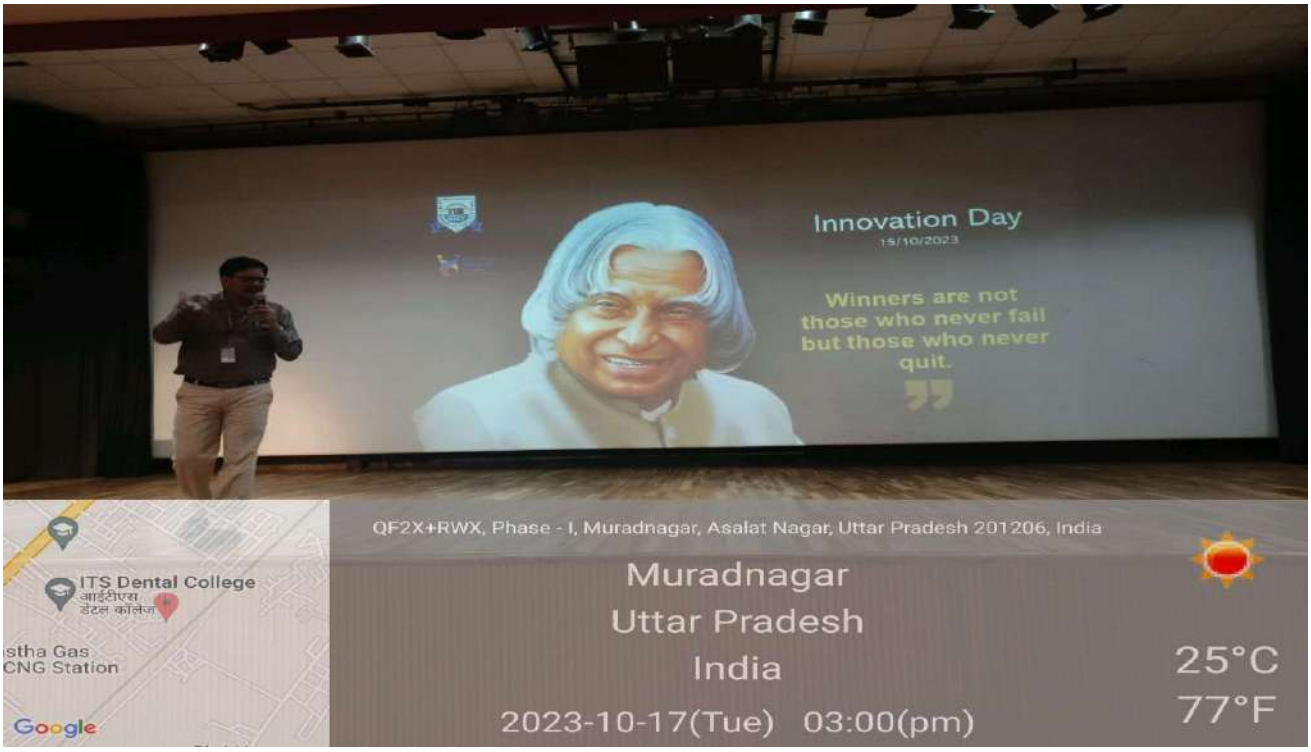


Photograph 4(image):

Overall report of the activity (word file and PDF both) min 250 words:

Every year, October 15th is designated as National Innovation Day in honor of Dr. A.P.J. Abdul Kalam. The Innovation Council (IIC) and Department of Applied Science jointly arranged an offline presentation on "Innovation Day" on October 17th at 1:30 p.m. as an homage to Dr. A.P.J. Abdul Kalam. Director Col. A. Garg gave a welcoming address to inaugurate the program and congratulate on the occasion. Students are introduced to "The Innovation and Its Need" by speaker Mr. Sachin Rathor. He concentrated to improve students' comprehension of the design thinking process and concept and assist them in applying the human-centered thinking approach to everyday situations and user/consumer needs. He motivated the students to pursue their career as an entrepreneur.

Next, Dr. KLA Khan, Dean IIC, gave a Power Point presentation on the subject of "Creativity and Innovation" to assist students in understanding how design thinking principles might be used to generate novel goods and procedures. Through quick films and snippets, he has provided a succinct overview of creativity and invention. He shared own experience and interacted with the students regarding the phases of innovation and how innovation can be achieved.

The purpose of the event was to encourage people to think creatively and unconventionally to solve difficult situations. It also stressed how crucial creativity and originality are in the fast-paced world of today, when fresh discoveries and ideas are crucial for advancement and growth.

IIC Report

Name of the activity:

Session on Problem Solving and Ideation Workshop

Duration: 4.0 Hours

Start Date: 15/10/2023

End Date: 15/10/2023

No. of student participants: 5

No. of Faculty Participants: 2

No. of External participants: 10

Objective:

The objective of a Problem Solving and Ideation Workshop is to bring together individuals or teams to collaboratively address challenges, generate creative ideas, and find innovative solutions to problems. These workshops are designed to foster a structured and creative thinking process that can lead to breakthroughs and improvements in various aspects of a business, project, or organization.

Here are some key objectives of Problem Solving and Ideation Workshops:

1.Identify and Define Problems:

- Clearly define the challenges or problems that need to be addressed.
- Gain a deep understanding of the root causes and factors contributing to the problems.

2. Generate Creative Ideas:

- Encourage participants to think outside the box and explore unconventional solutions.
- Foster a collaborative and open-minded environment that stimulates creativity.

3. Promote Team Collaboration:

- Facilitate effective communication and collaboration among participants.
- Leverage diverse perspectives and expertise within the group.

4. Prioritize Solutions:

- Evaluate and prioritize generated ideas based on feasibility, impact, and other relevant criteria.
- Identify potential risks and benefits associated with each solution.

5.Develop Action Plans:

- Create actionable plans for implementing selected solutions.

- Define roles and responsibilities to ensure effective execution.

Benefits in terms of learnings/skills/knowledge obtained:

Faculty members came to know about the journey of **Mr. Kuldeep Tyagi Founder and CEO, SARACA Solutions**

Here are some of the key benefits:

1. Critical Thinking Skills:

- Participants learn to analyze problems, identify root causes, and think critically about potential solutions.

2. Creativity Enhancement:

- Engaging in ideation exercises fosters creative thinking and helps participants develop innovative approaches to problem-solving.

3. Collaboration and Teamwork:

- Workshops promote effective communication and collaboration, allowing participants to work as a team to tackle challenges.

4. Communication Skills:

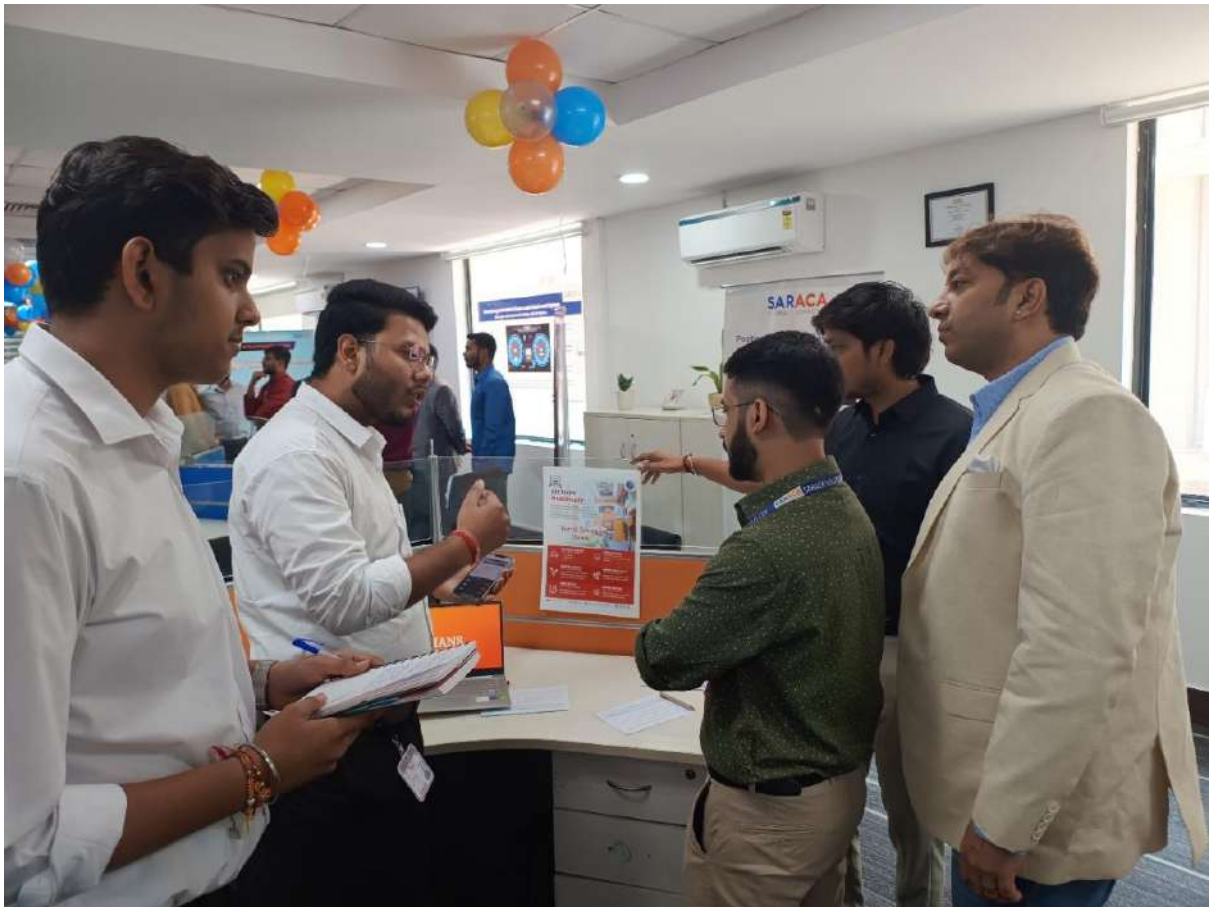
- Presenting ideas, explaining concepts, and engaging in group discussions during workshops enhance communication skills.

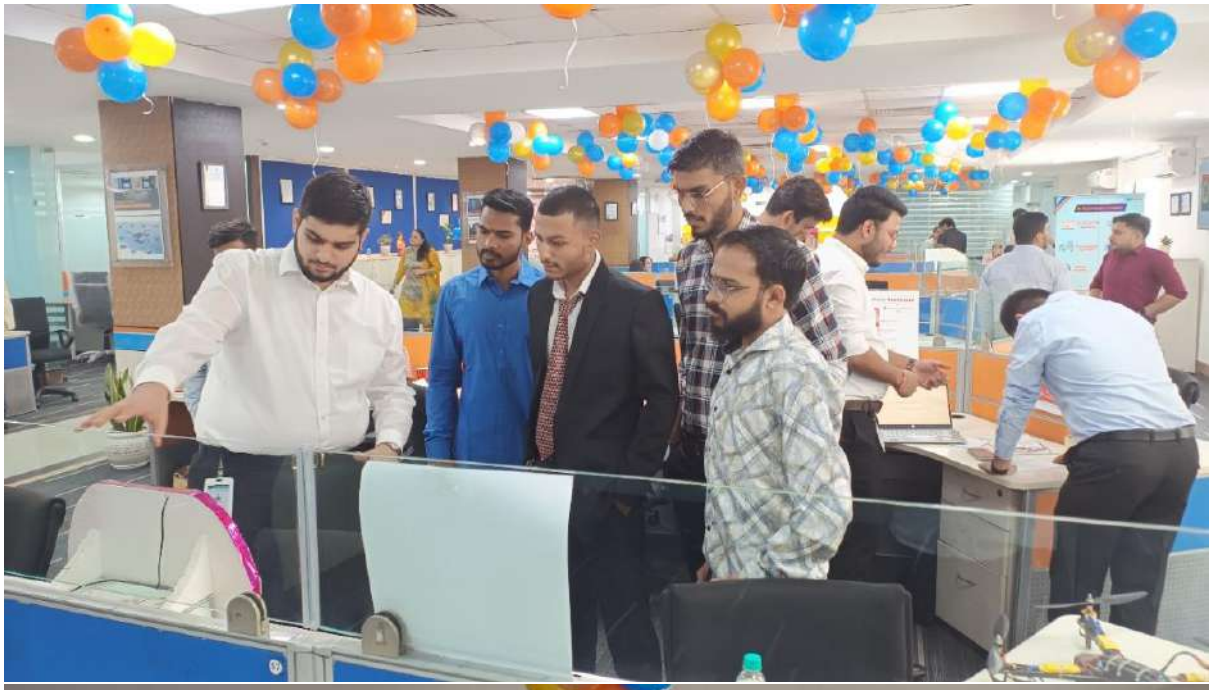
5. Problem Identification and Definition:

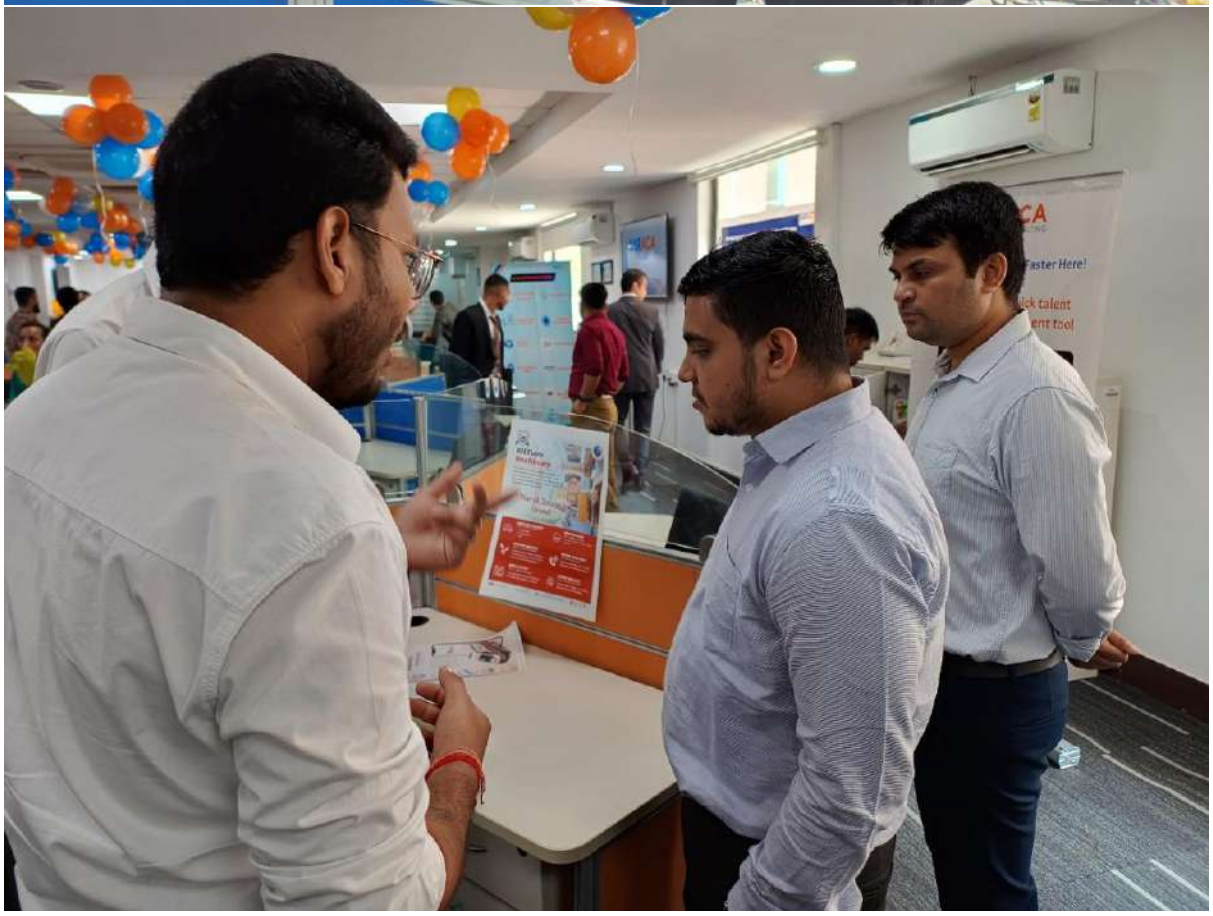
- Participants gain skills in accurately identifying and defining problems before attempting to solve them.

Poster of the event:

Photographs:


SARACA





Faculty Development Program (FDP) on Entrepreneurship

The Entrepreneurship Centre of IEC Team successfully organized and concluded a Faculty Development Program (FDP) on Entrepreneurship, held from July 31st to August 4th, 2023, at the Conference Hall of TBI-KIET. The primary goal of the Faculty Development Program in Entrepreneurship was to provide educators with the knowledge, skills, and resources essential for cultivating an entrepreneurial mindset among students and advancing entrepreneurship education within the academic community.

The FDP aimed to offer faculty members a comprehensive comprehension of entrepreneurship, its fundamental principles, and its significance across diverse disciplines. This understanding would enable them to proficiently convey and integrate entrepreneurial concepts into their teaching methodologies.
Distinguished guests who graced the occasion were:

1. Dr. S.P. Mishra ,Former Vice-Chancellor, Dev Sanskriti Mahavidyalaya & Advisor TBI-KIET
2. Dr. Manju Gupta, Director of Strategic Management , Mangalmay University Noida
3. Saurabh Bhardwaj, Founder and CEO of Legal Seva
4. Tuhin Srivastava, Entrepreneur
5. Shuchi Agarwal, Founder of IP Neeti

The program was well-received and provided a platform for meaningful discussions and knowledge exchange.

Social media links of the FDP

1. https://www.facebook.com/kiet.edu/posts/pfbid0PkuLpqy2f6Gep6MW8795n6vBEhTX71Fn3zArybgg1W4XR3wiqyqeRSgxCbDDSvAwl

2. https://www.instagram.com/p/CwUuZuEOIhv/

3. https://twitter.com/Kiet_edu/status/1694656901349609694

4. https://www.linkedin.com/feed/update/urn:li:ugcPost:7100425471602884608/

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