



AMITY UNIVERSITY

MADHYA PRADESH

(Established by Ritnam Balved Education Foundation)

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY
B.Tech (CSE)

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

S.no.	Institute/school	Name of activity under experiential learning(industrial visit, internship, dissertation, field work and military training)	Name of activity under participative learning / problem solving methodologies(hands-on-workshop, conferences, seminar and inclusive learning)	Date of activity
1	Amity School of Engineering and Technology ASET	Intra Institutional Activity	Idea Competition/ Challenge/ Hackathon and Reward Best Ideas	25 Sept. 2023
2	Amity School of Engineering and Technology ASET	Session	Roadmap to Get into Product Based Companies	16th January 2024
3	Amity School of Engineering and Technology ASET	Workshop	Hands on Workshop on "Full stack development"	18th January 2024
4	Amity School of Engineering and Technology ASET	Workshop	Innovation and Introduction to Git and Github	05 February 2024
5	Amity School of Engineering and Technology ASET	Workshop	Introduction to Web3 and Blockchain	17 February 2024
6	Amity School of Engineering and Technology ASET	Workshop	Intellectual Property Rights	29/02/2024
7	Amity School of Engineering and Technology ASET	Celebration of science week	Science Festival (Indigenous Technologies For Viksit Bharat)	27 Feb to 4 th March 2024
8	Amity School of Engineering and Technology ASET	Inter college Competition	Byte Battle (a Coding Challenge)	29/02/2024



Kusik Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior

9	Amity School of Engineering and Technology ASET	Workshop	Artificial Intelligence & Machine Learning	15-16 April 2024
10	Amity School of Engineering and Technology ASET	Workshop	IPR AND IP MANAGEMENT FOR START-UP	30th April & 1st May 2024
11	Amity School of Engineering and Technology ASET	Expert Talk	Project Exhibition	10 May 2024
12	Amity School of Engineering and Technology ASET	National Conference	Advancement in Engineering Frontiers: Innovations, Challenges and Solutions	17 May 2024



Kush Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior

Report on Intra Institutional Activity

Organize an Intra Institutional Idea Competition/ Challenge/ Hackathon and Reward Best Ideas.

EventDate:25September2023

Venue:SeminarHall,BlockA,AmitySchoolofEngineeringandTechnology(ASET)

HostInstitution: AmityUniversity,MadhyaPradesh

SIHUniversityCoordinator:Dr.SunilKumar

HeadofDepartment (CSE):Dr.VikasThada

HeadofInstitute (ASET):Dr.VivekJaglan

No of students: Total 15 teams participated along with 40 students as audience and volunteer and 10 faculties.

Introduction /AbouttheEvent

Organiseone-dayInterInstitutional HackathonandReward BestIdeasforthe Student&Faculty (EarlyStageEntrepreneurs) in campus.

The discovery and development of the innovative and problem-solving abilities of the university's top minds was significantly advanced by this event. Theevent gave students a chance to display their skills under the direction of acclaimed teachers andwith the backingof renownedleaders. The event commenced with an inspiring speech by the Head of Institute, Dr. VivekJaglan, whoemphasized the importance of innovation andtherole of students in driving positivechange.Dr.Jaglan'swordssetthetone foraday filled withcreativity andenthusiasm.

Eachparticipatingteamwasrequiredtopresenttheirinnovativesolutionsforproblemstatements on EarlyStageEntrepreneurs providedbythe SmartIndiaHackathonpattern. The presentations were evaluated and judged by a distinguished jury panel consisting of fourexperienced professors, along with the Head of Institute (HOI) and Head of Department (HOD).The judging criteria encompassed factors such as creativity, feasibility, technical prowess, andthepotentialimpactof theproposedsolutions.

Theeventaimedto:

1. Stimulateproblem-solvingskillsamongstudents.
2. Identifyandselectthetop-performingteamstorepresentAmityUniversityatthenational-level SmartIndiaHackathon.



VivekJaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

3. Cultivate a culture of innovation and technological excellence within the institution.

Winning Teams

1st: LegalCoDec

2nd: BlokCoders

3rd: Rangers

Participated Teams

1. Togetherwithstand
2. The code bakers
3. Team rangers
4. Pixel pioneers
5. Medibot
6. Life Saviour
7. LegalCoDec
8. Kisan Jam
9. eSurveillancePro
10. MainStreetMavericks
11. Code Scorchers
12. Chikitsak
13. Bug busters
14. BlokCoders
15. Anti-Addict

Judging Criteria

The following criteria will be used by your team of judges to evaluate proposals. Their evaluation will be based on the final product you deliver, the code you write, and your presentation.

Design & Implementation: Does it operate? Can it be implemented? Was the user interface (UI) and user experience (UX) considered by the team? Was a human being considered in the product's design?

Innovation: How innovative/creative/unique is the idea? Was there an novel approach applied to solve the problem?

Technical Complexity: Is the project technically impressive? Complex? How technically sophisticated / advanced / elegant was the solution?



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Amity University Madhya Pradesh Gwalior

Social Impact: How impactful is the idea? Can it impact the lives of many people in a significant way?

Commercial Viability: Is there a chance for business? How original is the business plan? Has the team thought about the path to market and taken initiative to carry out an action plan? Is the concept workable and does it have societal and economic value?

Jury Bench Members:

1. Dr. Vivek Jaglan- Head of Institute-ASET, Amity University Madhya Pradesh
2. Dr. Vikas Thada, HOD-CSE, ASET, Amity University Madhya Pradesh
3. Dr. Samta Jain Goyal- Associate Professor-CSE, ASET, Amity University Madhya Pradesh
4. Dr. Madhavi- Associate Professor-CSE, ASET, Amity University Madhya Pradesh

Dr. Sunil Kumar- Associate Professor-CSE,



Pic1-Idea Presentation



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Pic2-JuryMembers



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kuneh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Report on Organizing a Session

Date: 16th January 2024

Title: Roadmap to Get into Product Based Companies

Preface

Department of Computer Science & Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized a Session titled "Roadmap to Get into Product Based Companies" on 16th January 2024 from 10:00 am to 12:30 pm. The talk was delivered by eminent speaker **Mr. Sandeep Jain**, working as CEO and Founder, GeeksFor Geeks. The website has been functioning as the major support system for engineering students. GeeksforGeeks has now grown into a global community of over 20 million registered users, who benefit from the rich and diverse content, practice problems, contests, and courses on various topics related to computer science. The session emphasized on the potential thrust areas like Competitive Programming, specialised streams of computer science. The workshop was organized at Auditorium Block B where students have learnt the importance of continuous upgradation of programming skills. The event organiser was Prof. Dr. VikasThada and Coordinators were Dr. Rajeev Goyal and Dr. MadhaviDhingra (Associate Prof from CSE Dept).

Registrations and Participation.

The event was for in house students and 510 students attended the event including 22 faculties of Computer Science department

Session 10:00 AM to 12:30 PM

The session was started by student anchors AarushiSaboo, (B.Tech CSE 6th Semester) and Gunveer Singh (B.Tech CSE 4th Semester), who have given the introduction of the Renowned Speaker Mr. Sandeep Jain. They have also briefed about the startup of GeeksforGeeks.

The speaker was welcomed by Prof. (Dr.) VivekJaglan following which Mr. Sandeep Jain has started his session by telling the importance of academics in career. He has explained a roadmap of getting placed inside Tech companies by explaining all the necessary steps. He has inspired and motivated students to study more and more Programming concepts. He has explained various technicalities of Company work and emphasised on continuous learning.

The students have also asked their queries regarding company placement and preparation and Speaker has cleared their doubts.

The vote of thanks was given by Prof. (Dr.) VikasThada after which event has ended successfully.

The event photographs are attached with this report.



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

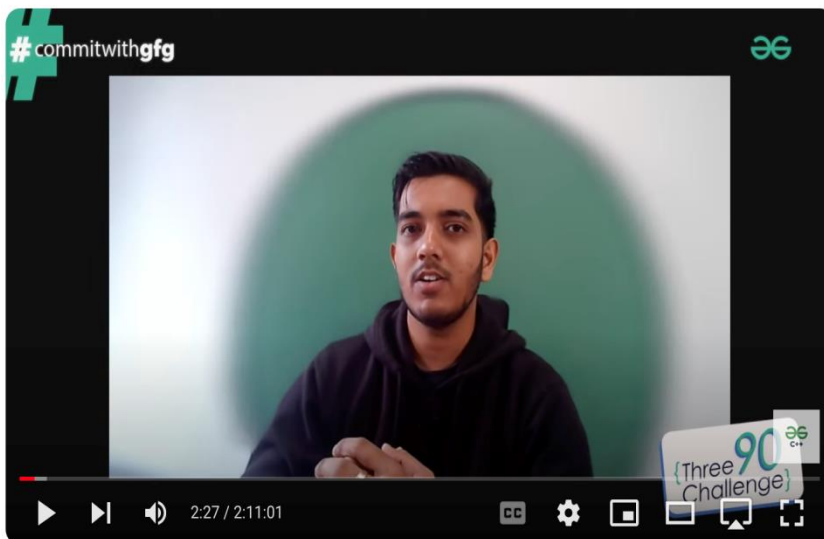
Report on Workshop on Full stack development

Date: 18 January 2024 (Thursday)

No. Of Students: 477 students

Activity : Hands on Workshop on “Full stack development” on 18th January 2024 in online mode

Department of Computer Science & Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized **Hands on Workshop on “Full stack development” on 18th January 2024** in online mode from 02:00 pm to 04:30 pm Activity. The talk was delivered by eminent speaker **Mr. Harshal Jain, from GeeksforGeeks**. The session was delivered under GeeksforGeeks Campus Connect Program. The workshop was done on Mern stack development. The workshop was ideal for beginners and seasoned developers, this program aimed to equip the students with essential skills in MERN stack. The workshop was organized in online mode on Youtube where students have learnt the



Roadmap to MERN Full Stack Development | Amity University Gwalior



basics of full stack development.

The event organiser was **Prof.(Dr.) VikasThada** and Coordinator was **Dr. MadhaviDhingra** (Associate Prof from CSE Dept).

The event was for in house students and 477 students attended the event including 12 faculties of Computer Science Department. The event ended successfully and students and faculties appreciated the event.

Report of Event/Activity



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Name of Event/Activity:	Innovation and Introduction to Git and Github
Date:	05 February 2024
Venue:	Seminar Hall, Block A, AUMP
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Department of Computer Science and Engineering Amity School of Engineering and Technology Amity University, Gwalior
Co-ordinator:	Dr. Rajeev Goyal, Associate Professor, CSE
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Workshop
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	College
Whether it is sponsored (Yes/ No):	Yes
If Yes then Sponsor Name and Details:	Microsoft Learn
Resource Person Details:	Ms. AyushiAwasthi, Microsoft Learn Student Ambassador

Brief Report of the Activity:

(i) Introduction (250-300 words):



Kuneh Jaglan
Director-ASET
 Amity University Madhya Pradesh Gwalior

The "Innovation and Introduction to Git and GitHub Workshop," held at Amity University Madhya Pradesh, Seminar hall Block A on 5-2-2024, orchestrated a transformative blend of cutting-edge technology and collaborative coding expertise. Hosted by the Department of Computer Science and Engineering, this pioneering workshop aimed not only to introduce participants to the foundational concepts of Git and GitHub but also to infuse an innovative mindset into their coding practices. Under the guidance of Ms. AyushiAwasthi, an Alpha Microsoft Learn Student Ambassador, the event transcended traditional learning boundaries.

The workshop was conceptualized with the vision to instil a comprehensive understanding of version control fundamentals, emphasizing the critical role of Git and GitHub in modern software development. Beyond mere technical instruction, the workshop set out to spark an innovative flame within each participant, encouraging them to approach coding challenges with creativity and ingenuity.

In a dynamic two and a half hours, participants engaged in hands-on activities, from the installation of Git to collaboration on remote GitHub repositories. The session not only covered the basics but delved into the innovative aspects of version control. Ms. Awasthi, with her expert insights, not only guided the participants through the practicalities of Git and GitHub but also highlighted their innovative potential in real-world development scenarios.

The workshop's unique approach not only equipped participants with essential coding skills but also fostered a culture of innovation. As we delve into this transformative journey, the Innovation and Introduction to Git and GitHub Workshop stands as a testament to our commitment to providing dynamic learning experiences, preparing our participants for the ever-evolving landscape of technology.

(ii) Aims/Objective(s) (100 Words):

The primary objective of the "Innovation and Introduction to Git and GitHub Workshop" is to transcend traditional coding paradigms and infuse an innovative spirit into the participants' skill set. This workshop aims to foster a mindset of creativity and ingenuity, encouraging attendees to approach collaborative coding with fresh perspectives. By intertwining innovation with the introduction to Git and GitHub, our goal is not only to equip participants with technical proficiency but also to inspire them to explore inventive solutions to coding challenges. This innovative approach aligns with our commitment to nurturing forward-thinking professionals ready to make impactful contributions in the dynamic landscape of modern software development.

(iii) No of Faculty Participants: 10

(iv) No of Student Participants: 170.

(v) Highlights of the Event/Activity (100 Words):

Pioneered by Ms. AyushiAwasthi, the workshop not only covered the basics of Git and GitHub but also emphasized the innovative facets of version control. Practical exercises were laced with opportunities for participants to win LinkedIn Premium subscriptions and receive E-Certificates from Microsoft Learn, elevating the innovative learning experience.



Kush Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

(vi) Outcome(s):

The workshop successfully converged innovation with practical skills, leaving participants well-equipped and inspired for collaborative coding. Positive feedback underscored the event's success in nurturing a culture of continuous learning and innovation.

(vii) Recording Link (Youtube/Zoom/MS Team): NA

(viii) Enclosures (Brochure/Flyer):

Microsoft Learn
STUDENT AMBASSADOR

INSTITUTION'S INNOVATION COUNCIL

**MONDAY
FEBRUARY 5**

SPEAKER:

AYUSHI AWASTHI
Alpha MLSA

TIME AND VENUE
2.15 - 3.15 PM
A Block Seminar Hall

REGISTER HERE:

PERKS FOR PARTICIPANTS:

- E-Certificate of participation for all attendees.
- Chance to win a LinkedIn Premium subscription

Photographs:



Kush Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Gwalior, MP, India
Maharajpura, Gwalior, 474020, MP, India
Lat 26.274102, Long 78.225991
02/05/2024 02:25 PM GMT+05:30
Note : Captured by GPS Map Camera



Gwalior, MP, India
Maharajpura, Gwalior, 474020, MP, India
Lat 26.274074, Long 78.226043
02/05/2024 02:58 PM GMT+05:30
Note : Captured by GPS Map Camera



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Director-ASET
Amity University Madhya Pradesh Gwalior



GPS Map Camera
Gwalior, MP, India
Maharajpura, Gwalior, 474020, MP, India
Lat 26.274092, Long 78.226037
02/05/2024 02:24 PM GMT+05:30
Note : Captured by GPS Map Camera



GPS Map Camera
Gwalior, MP, India
Maharajpura, Gwalior, 474020, MP, India
Lat 26.274087, Long 78.226006
02/05/2024 02:47 PM GMT+05:30
Note : Captured by GPS Map Camera



Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



(xi) Sample Certificate (if any):

Microsoft Learn Student Ambassador

This certificate is presented to:

FirstName_LastName

In recognition of your attendance and completion of the
Microsoft Learn Student Ambassadors workshop on
Introduction to Git and Github.

Microsoft
Learn
STUDENT AMBASSADOR

(xii) Sample Feedback:

"The workshop was fantastic! Ms. Ayushi's hands-on approach and focus on innovation made Git and GitHub concepts clear. Winning a LinkedIn Premium subscription was a bonus! Overall, an engaging and insightful experience. Thank you!"



Kush Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Report of Event/Activity

Name of Event/Activity:	Introduction to Web3 and Blockchain (in Entrepreneurship and start-ups)
Date:	17/02/2024
Venue:	A block seminar hall
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Connect Verse
Co-ordinator:	Dr. Umang Garg
Type of Activity (Seminar/Webinar/Workshop/Conference/Extension/Hackathon/Competition/Outreach Program):	Workshop
Level of the Activity (College/Intercollegiate/State/National/International):	National
Whether it is sponsored (Yes/No):	Yes
If Yes then Sponsor Name and Details:	Connect Verse
Resource Person Details:	Harsh Vaja

Brief Report of the Activity:

(i) Introduction (250-300 words): The seminar provided a holistic learning experience, covering various aspects of Web3 and Blockchain with entrepreneurship and start-ups, including decentralized finance (DeFi), non-fungible tokens (NFTs), smart contracts, and decentralized applications (DApps). Attendees gained a deeper understanding of the underlying principles and mechanisms driving the decentralized ecosystem, empowering them to navigate the rapidly evolving landscape of digital finance and decentralized governance.

(ii) Aims/Objective(s) (100 Words): The seminar on the Introduction to Web3 and Blockchain with entrepreneurship and start-ups was a resounding success, thanks to the



Umesh Jaglan
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Amity University Madhya Pradesh Gwalior

collaborative efforts of Connectverse, the dedicated organizers, and the esteemed speakers. It not only equipped attendees with valuable knowledge and insights but also fostered a sense of community and collaboration in the pursuit of technological innovation and progress. As the world continues to embrace the transformative potential of Web3 and blockchain technology, events like these serve as catalysts for exploration, learning, and growth.

(iii) No of Faculty Participants: Dr. Vivek Jaglan, Dr. Vikas Thada, Dr. Umang Garg

(iv) No of Student Participants: 180

(v) Highlight of the Event/Activity (100 Words):

The seminar provided a holistic learning experience, covering various aspects of Web3 and Blockchain with entrepreneurship and start-ups, including decentralized finance (DeFi), non-fungible tokens (NFTs), smart contracts, and decentralized applications (DApps). Attendees gained a deeper understanding of the underlying principles and mechanisms driving the decentralized ecosystem, empowering them to navigate the rapidly evolving landscape of digital finance and decentralized governance.

(vi) Outcome(s): Knowledge of Blockchain, and web3 in entrepreneurship and start-ups

(vii) Recording Link (Youtube/Zoom/MSTeam): Offline

(viii) Enclosures (Brochure/Flyer):



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

ORGANIZES
WORKSHOP ON

WEB3 AND BLOCKCHAIN

 17/02/2024

 2:00 PM - 5:00PM

 Seminar Hall

SPEAKER



Dr. Pareek Jain
Ex- Founding Member
(Coding Ninja)

Faculty coordinator: Dr. Umang Garg | 80772 75614 | ugarg@gwa.amity.edu

Company coordinator: Mr. Harsh vija

(ix) AttendanceSheet(Participants):

(x) Photographs:



Vivek Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Report of Event/Activity

Name of Event/Activity:	AmiHacks2k24
Date:	28 th February 2024
Venue:	501,502,503 D-Block , Amity University Gwalior
Mode of Conduct (Offline/Online/Hybrid):	Hybrid
Organized By:	Amity School of Engineering And Technology(ASET)
Co-ordinators:	Faculty Co-ordinators:- Prof.(Dr.) VikasDhada,Dr.Kapil Sharma and Dr.Devendra Kumar Mishra Students Coordinators:-RummanParvez, KanishkBajpai, Aditya Jain, Aryan Kushwah, Adit Rajput, Kaushal Rana
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Hackathon with Workshop
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	National
Whether it is sponsored (Yes/ No):	Yes
If Yes then Sponsor Name and Details:	Coding Ninjas (Conducted workshop and coding contest)
Resource Person Details:	Mr. DileepaBandara and Mr. KunalKhairnar

Brief Report of the Activity:



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Amity University Madhya Pradesh Gwalior

(i) Introduction :AmiHacks2K24 is the flagship annual hackathon organized by Amity University Gwalior, inviting participants from diverse backgrounds to showcase their creativity, innovation, and technical prowess. With an open theme, participants have the freedom to explore and develop projects across various domains, from software development to hardware innovations.

The hackathon spans a duration of 7 hours, providing participants with an intensive yet rewarding hacking experience. Throughout the event, participants engage in ideation, coding, and collaboration, working tirelessly to bring their ideas to life within the given timeframe.

In addition to the hacking sessions, AmiHacks2K24 features a lineup of workshops conducted by industry experts, providing participants with valuable insights and practical knowledge in cutting-edge technologies. These workshops cover a wide range of topics, catering to both beginners and experienced developers.

Participants also have the opportunity to compete for exciting prizes, with the top projects being recognized and awarded during the closing ceremony. Prizes include cash rewards, software subscriptions, and other valuable resources to support participants in their future endeavors.

AmiHacks2K24 aims to foster a vibrant and inclusive community of innovators, fostering collaboration, creativity, and skill development. By bringing together bright minds and passionate individuals, the hackathon serves as a platform for learning, networking, and pushing the boundaries of innovation.

(ii) Aims/Objective(s) : The aim of AmiHacks2K24 is to provide a platform for aspiring developers and innovators to collaborate, innovate, and showcase their talents in a competitive yet supportive environment. Our objective is to foster creativity, encourage skill development, and promote networking opportunities among participants. Through workshops, competitions, and hands-on hacking sessions, we aim to empower participants to explore new technologies, develop innovative solutions to real-world problems, and cultivate a vibrant community of like-minded individuals passionate about technology and innovation.

(iii) No of Faculty Participants: Nil

(iv) No of Student Participants: 130

(v) Highlights of the Event/Activity The highlights of AmiHacks2K24 include:

1. **Intensive Hacking:** Participants engage in 7 hours of non-stop hacking, brainstorming, and coding to bring their ideas to life within a limited timeframe.
2. **Workshops:** Industry experts conduct workshops covering a wide range of cutting-edge technologies, providing valuable insights and hands-on learning opportunities.



Kaveer Jaglan
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Amity University Madhya Pradesh Gwalior

3. **Prizes and Recognition:** Top projects are awarded exciting prizes, including cash rewards, software subscriptions, and other valuable resources, during the closing ceremony.
4. **Networking Opportunities:** Participants have the chance to network with peers, mentors, and industry professionals, fostering collaboration and future career opportunities.
5. **Innovation and Creativity:** The hackathon encourages participants to explore innovative solutions to real-world problems, pushing the boundaries of creativity and technology.
6. **Community Building:** AmiHacks2K24 aims to build a vibrant community of developers, innovators, and tech enthusiasts, fostering a supportive and inclusive environment for learning and growth.

(vi) Outcome(s): The outcomes of AmiHacks2K24 are:

1. **Skill Enhancement:** Participants enhance their coding, problem-solving, and teamwork skills through hands-on experience and collaboration with peers.
2. **Innovation:** The hackathon encourages participants to think creatively and develop innovative solutions to real-world challenges, fostering a culture of innovation.
3. **Networking:** Participants have the opportunity to connect with industry professionals, mentors, and like-minded individuals, expanding their professional network and opening doors to future collaborations and opportunities.
4. **Project Development:** Teams work on developing fully functional projects within a limited timeframe, gaining experience in project management, iteration, and rapid prototyping.
5. **Learning:** Workshops and mentorship sessions provide valuable insights into emerging technologies, tools, and best practices, empowering participants with new knowledge and skills.
6. **Recognition:** Top-performing teams receive recognition and prizes for their achievements, boosting their confidence and motivation to continue pursuing their passions in technology and innovation.

(vii) Recording Link (Youtube/Zoom/MS Team):

https://drive.google.com/file/d/18SDbHKHWp_QZrTqONMP_SVIZ_rkQdyFn/view?usp=sharing



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AMICHROMA
AMIHACKS2K24
HACKATHON

PRIZE POOL WORTH RS 6,000/- + CERTIFICATE OF PARTICIPATION

Register Here



Exiting Prizes Awaits

- ✔ Certification By Microsoft Learn
- ✔ Replit Prize RS 4,000/-
- ✔ Polygon Prize RS 25,000/-
- ✔ Wolfram Merchandise Worth RS 40,000/-
- ✔ Exclusive Gifts By Microsoft Learn

Event Details:
28 FEBRUARY
9.00 AM TO 4.00 PM
AMITY UNIVERSITY

PARTICIPATION FEE
INDIVIDUAL 100/- TEAM (MAX.-4) 300/-

Meet Our Sponsors:






Faculty Coordinator

- Dr. Vikas Thada
- Dr. Kapil Sharma
- Dr. Devendra Kumar Mishra

Event Coordinator

- Rumman Parvez : 8839880352
- Kanishk Bajpai : 760733928
- Aryan Kushwah : 6267385443

(viii) Enclosures (Brochure/Flyer):



Promotion links:

Gmail- amihacks2k24@gmail.com

Telegram- <https://t.me/AmiHacks2k24>

Instagram- <https://www.instagram.com/amihacks2k24/>



Kaveer Jaglan
Director-ASET
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Linkedin- <https://www.linkedin.com/company/amihacks2k24/>

Report of Event/Activity

Name of Event/Activity:	Intellectual Property Rights
Date:	29/02/2024
Venue:	A block seminar hall
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Prof. (Dr.) VikasThada
Co-ordinator:	Dr. Umang Garg
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Workshop
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	National
Whether it is sponsored (Yes/ No):	NA
If Yes then Sponsor Name and Details:	NA
Resource Person Details:	Prof. (Dr.) VivekJaglan

Brief Report of the Activity:

(i) Introduction (250-300 words):

The workshop commenced with an overview of Intellectual Property Rights, emphasizing its role in safeguarding intangible assets such as inventions, artistic works, designs, product, and process patent. Participants gained insights into the legal framework governing IP rights and the significance of patents, copyrights, and patent process. This session delved deeper into the various types of intellectual property, elucidating the distinctions between patents, copyrights, and patent process. Real-world examples were



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

also presented to illustrate each type and its application in different industries, fostering a better understanding among participants.

(ii) Aims/Objective(s) (100 Words):

- To elucidate the concept of Intellectual Property Rights and its importance.
- To explore the different types of intellectual property and their protection mechanisms.
- To discuss the role of intellectual property in innovation, creativity, and academic growth.
- To highlight the challenges and emerging trends in the field of Intellectual Property Rights.

(iii) No of Faculty Participants: 35

(iv) No of Student Participants: NA

(v) Highlights of the Event/Activity (100 Words):

This session delved deeper into the various types of intellectual property, elucidating the distinctions between patents, copyrights, and patent process. Real-world examples were also presented to illustrate each type and its application in different industries, fostering a better understanding among participants.

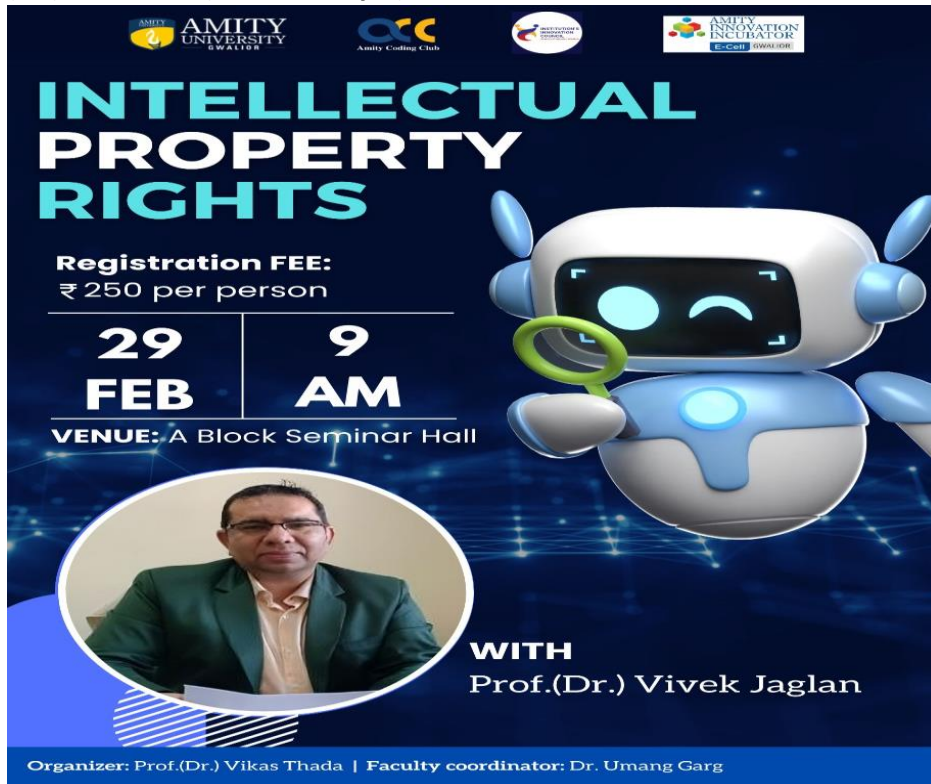
(vi) Outcome(s): Patent Filing Process

(vii) Recording Link (Youtube/Zoom/MS Team): Offline



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

(viii) Enclosures (Brochure/Flyer):

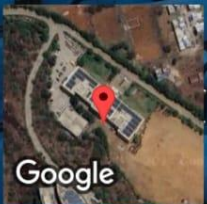


(ix) No. of (Participants): 35

(x) Photographs:



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Gwalior, Madhya Pradesh, India
Unnamed Road, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.273928°
Long 78.225987°
29/02/24 09:26 AM GMT +05:30



Kaveer Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Report of Event/Activity

Name of Event/Activity:	Byte Battle (a Coding Challenge)
Date:	29/02/24
Venue:	Lab 111 Block A, AUMP
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Dept. of CSE, Amity School of Engineering and Technology
Coordinator:	Dr. MadhaviDhingra, Mr. Manish Khule
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Competition
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	Inter college
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	NA
Resource Person Details:	NA

Brief Report of the Activity:

(i) Introduction (250-300 words):



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Amity University Madhya Pradesh Gwalior

Coding competitions are a great way to achieve innovation and design thinking and to challenge yourself, improve your coding skills, and sometimes even win prizes. Whether you're a beginner or an experienced coder, participating in coding competitions can be a rewarding experience. The event was conducted in two forms; one was Coding quiz in which questions were uploaded on Quiz Platform based on innovation and design thinking. The participants have attempted the quiz and while doing the quiz, in run time, the results are seen.

(ii) Aims/Objective(s) (100 Words):

The aim of coding competitions is to provide a dynamic and challenging platform for participants to enhance their programming skills, problem-solving abilities, and algorithmic thinking. These competitions offer a diverse range of problems that simulate real-world scenarios, encouraging participants to apply their coding knowledge in practical contexts. With strict time constraints, coding competitions teach effective time management and decision-making under pressure. Participants have the opportunity to connect with like-minded individuals, share insights, and build professional networks. The recognition and rewards for top performers add an extra layer of motivation, contributing to an enjoyable and rewarding learning experience.

(iii) No of Faculty Participants: 2

(iv) No of Student Participants: 31

(v) Highlights of the Event/Activity (100 Words):

(vi) Outcome(s):

(vii) Recording Link (Youtube/Zoom/MS Team): NA





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AMITY UNIVERSITY

BYTE BATTLE

Competitive programming - 50/-
Coding quiz - 50/-
Date - 29/02/2024

Register here ->  Pay here -> 

FACULTY COORDINATOR	STUDENT COORDINATOR
Ms. MADHAVI DHINGRA (9229125600)	UTKARSH BHADORIA (9713145816)
Mr. MANISH KHULE (9179961771)	NARENDRA YADAV (9340678595)
	PRAGYA GUPTA (9575325518)

(viii) Enclosures (Brochure/Flyer):

(ix) AttendanceSheet (Participants): 31 participants

(x) Photographs:



Kaveh Jaglan
Director-ASET
 Amity University Madhya Pradesh Gwalior



Kaveer Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Promotion links:

https://www.instagram.com/p/C37ByWlyCzH/?utm_source=ig_web_copy_link



Virek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

REPORT ON CELEBRATION OF SCIENCE WEEK (SCIENCE FESTIVAL) TO CELEBRATE NATIONAL SCIENCE DAY (NSD)

THEME: INDIGENOUS TECHNOLOGIES FOR VIKSIT BHARAT

DATE: 27 Feb — 04 March 2024

Organising Committee:

Prof. (Dr.) Vivek Jaglan (Convener)

Prof. (Dr.) Pankaj K. Mishra (Organising Secretaries)

Prof (Dr.) Swapnil Rai (Organising Secretaries)

Joint Organizing Secretaries

1. Dr Manisha Singh, Associate Professor, ASET
2. Dr Narendra Kr Garg, Associate Professor, ASET
3. Dr Samta Jain Goyal, Associate Professor, ASET
4. Dr Reetu Kumari, Assistant Professor, ASET
5. Dr Nidhi Shukla, Assistant Professor, ASLS

Venue: Seminar Hall, Block A

The inaugural ceremony of "Celebration of Science Week" commenced with great enthusiasm in the Seminar Hall, Block A. The ceremony, held on 27th February 2024, marked the beginning of an eventful journey filled with knowledge, innovation, and inspiration.

The proceedings began at 10:30 AM with the felicitation of esteemed guests who graced us with their presence. Their support and encouragement added immense value to the event, and we extend our heartfelt gratitude to each of them for their invaluable contributions.

At 10:35 AM, the atmosphere was imbued with spirituality and reverence as the traditional Lighting of the Lamp and Saraswati Vandana [Shravani Vaidya] took place. The illumination of the lamp symbolized the dispelling of darkness and the advent of knowledge, while the Saraswati Vandana, a hymn invoking the blessings of the goddess of learning, set the tone for the ceremony, inspiring us with wisdom and insight.



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Amity University Madhya Pradesh Gwalior

Following this sacred ritual, the audience was privileged to hear the Opening Remarks by Lt. Gen. V. K. Sharma, AVSM (Retd.), Hon'ble Pro-Chancellor of Amity University Madhya Pradesh, Gwalior. His words resonated with the audience, emphasizing the importance of education, innovation, and scientific inquiry in shaping our future.

At 11:00 AM, the highlight of the ceremony unfolded as Prof. (Dr.) M. P. Kaushik, Pro-Vice-Chancellor (R) & Dean Research, delivered a captivating lecture on National Science Day. His address was insightful, shedding light on the significance of scientific advancements and their impact on society. Dr. Kaushik's speech inspired all present to embrace the spirit of curiosity and exploration, fostering a culture of scientific excellence.

The inaugural ceremony concluded on a note of inspiration and aspiration, setting the stage for the exciting events and discussions that would follow throughout the duration of "Celebration of Science Week".

We extend our sincere gratitude to all the participants, guests, and organizers who made this inaugural ceremony a memorable and enriching experience.



EVENT- SCIENCE QUIZ

General Information:

Date of Event : **27 Feb — 04 March 2024**

Venue : **A block**

Organized by : ASET, AUMP



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Amity University Madhya Pradesh Gwalior

Total Participation	120
Moderator(s)	:Dr.SamtaJainGoyal,
Event Coordinator	:Prof (Dr.) Pankaj K Mishra
Convener/Host	: Prof (Dr.).VivekJaglan

Preface

The Department of Computer Science and Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior, organized a quiz titled "Indigenous Technology for Viksit Bharat" on 28th February 2024, from 11:00AM to 1: 00 PM in celebration of National Science Day. The quiz aimed to enlighten students about the significance of science in India's future development, highlighting the contributions of Indian scientists and researchers. It also provided consultation about future career prospects in science, aiming to increase students' self-confidence and interest in science competitions..

Registrations and Participation.

Approximately 120 participants from Amity University registered for the event, and 101 participants attended the event.

Session 11:30 AM to 1:00 PM

The session was moderated by Dr. Samta Jain Goyal, Associate Professor, Department of Computer Science and Engineering. She initiated the session by extending a formal welcome to all the participants.

Before the quiz, a video on Sir C V Raman was shown, showcasing his achievements and the story behind his Nobel Prize. The video served as an inspiration, motivating students to pursue their interests in the field of science and technology.



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EVENT- SCIENCE EXHIBITION (Model Making)

General Information:

Date of Event	: <u>27 Feb — 04 March 2024</u>
Venue	: <u>A block</u>
Organized by	: ASET, AUMP
Total Participation	: 20
Moderator(s)	: Dr. Samta Jain Goyal,
Event Coordinator	: Prof (Dr.) Pankaj K Mishra
Convener/Host	: Prof (Dr.) Vivek Jaglan

Preface

The Department of Computer Science and Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior, organized an Science Exhibition titled "Indigenous Technology for Viksit Bharat" on 29th February 2024, from 1:00PM to 3:00 PM in celebration of National Science Day. The exhibition aimed to enlighten students about the significance of science in India's future development and showcase the achievements of well-known scientists and researchers in India. Participants showcased



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Amity University Madhya Pradesh Gwalior

their ideas through working models and posters, highlighting innovative and unique concepts. The exhibition provided students with the opportunity to explore new ideas, gain insights into the field of science and technology, and develop their self-confidence. It also served as a platform for students to interact with experts and seek consultation about future career prospects in science.

Registrations and Participation.

Approximately 20 participants from Amity University registered for the event and all the participants attended the event.

Session 1:00 PM to 3:00 PM

The exhibition held at Amity University was a testament to the spirit of innovation and scientific inquiry, coinciding with the auspicious occasion of National Science Day. The event was a collaborative effort, bringing together students, researchers, and esteemed judges to showcase groundbreaking projects and celebrate the advancements in science and technology.



EVENT- SCIENCE EXHIBITION (Poster Representation)



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Amity University Madhya Pradesh Gwalior

General Information:

Date of Event	: <u>27 Feb — 04 March 2024</u>
Venue	: <u>A block</u>
Organized by	: ASET, AUMP
Total Participation	: 20
Moderator(s)	: Dr. Samta Jain Goyal,
Event Coordinator	: Prof (Dr.) Pankaj K Mishra
Convener/Host	: Prof (Dr.) Vivek Jaglan

Preface

The Department of Computer Science and Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior, organized a Science Exhibition titled "Indigenous Technology for Viksit Bharat" on 29th February 2024, from 1:00PM to 3:00 PM in celebration of National Science Day. The exhibition aimed to enlighten students about the significance of science in India's future development and showcase the achievements of well-known scientists and researchers in India. Participants showcased their ideas through working models and posters, highlighting innovative and unique concepts. The exhibition provided students with the opportunity to explore new ideas, gain insights into the field of science and technology, and develop their self-confidence. It also served as a platform for students to interact with experts and seek consultation about future career prospects in science.

Registrations and Participation.

Approximately 20 participants from Amity University registered for the event and all the participants attended the event.

Session 1:00 PM to 3:00 PM

The session was moderated by Dr. Samta Jain Goyal, Associate Professor, Department of Computer Science and Engineering, she initiated the session by extending formal welcome to all the participants.



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Amity University Madhya Pradesh Gwalior



VELEDICTORY CEREMONY:

Date: **04 March 2024**

Venue: **Seminar Hall, Block A**

The valedictory ceremony of "Celebration of Science Week" commenced with a sense of reflection and accomplishment in the Seminar Hall, Block A. The ceremony, held on [Date], marked the conclusion of a week filled with exploration, discovery, and celebration of science.



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The proceedings began at 10:00 AM with the felicitation of esteemed guests who had graced us with their presence throughout the event. Their support and guidance had been invaluable, and we extended our heartfelt appreciation for their contributions.

At 10:05 AM, the audience was privileged to hear an address by Guest of Honor, Dr. Manisha Sathe, Scientist at DRDE, Gwalior. Dr. Sathe's insights and expertise added depth to the ceremony, inspiring all present with her thoughts on the importance of scientific research and innovation.

From 10:05 to 11:05 AM, Dr. Sathe's address captivated the audience, leaving them with a renewed sense of enthusiasm and passion for scientific inquiry.

At 11:05 AM, Prof. (Dr.) M. P. Kaushik, Pro-Vice-Chancellor (R) & Dean Research, delivered the Concluding Remarks. His words served as a poignant reminder of the significance of the event and the impact of scientific endeavors on society. Dr. Kaushik's concluding remarks encapsulated the spirit of the week-long celebration, urging participants to carry forward the momentum gained during the event.

The ceremony reached its culmination at 12:15 PM with the Vote of Thanks delivered by Prof. Dr. Pankaj K. Mishra, Head of Applied Physics. Prof. Mishra expressed gratitude to all who had contributed to the success of "Celebration of Science Week", extending special thanks to the participants, organizers, sponsors, and volunteers whose dedication had made the event possible.

As the valedictory ceremony drew to a close at 12:30 PM, it left behind a legacy of inspiration, learning, and collaboration. The spirit of scientific inquiry and discovery would continue to thrive long after the conclusion of "Celebration of Science Week".



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Amity University Madhya Pradesh Gwalior



Report of Workshop on “Artificial Intelligence & Machine Learning”

15th -16th April 2024

Organised by
Department of Computer Science & Engineering
Amity University Madhya Pradesh, Gwalior

General Information:



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Amity University Madhya Pradesh Gwalior

Date of Event : 15th-16th Apr 2024
Event Type : **Workshop**
Event Title : **Artificial Intelligence & Machine Learning**
Venue : Seminar Hall, Block - A, AUMP
Organized by : CSE Dept
Total Participation : 250 Participants (Students of AUMP)
Event Coordinator : Dr. MadhaviDhingra, Associate Professor, ASET-CSE, Ms. Shradha Dubey, Assistant Professor, ASET-CSE,
Organiser : Prof.(Dr.) VikasThada, HOD CSE, ASET, AUMP

Detail Event & Resource Persons:

The Computer Science and Engineering Department, Amity University Madhya Pradesh, Gwalior organized a Workshop on “Artificial Intelligence & Machine Learning” on 15th-16th April 2024 from 09:30 pm to 04:30 pm at the Workshop Hall block A.

Aim & Objective of the Programme:

The objectives of the **Session** are -

- To understand goals and applications of machine learning
- To understand aspects of developing a learning system: training data, concept representation, function approximation.
- To understand python based ML implementation of AI solutions.
- To understand about Implementation of various machine learning algorithms and Evaluation of various machine learning algorithms

Details of the Programme: Department of Computer Science & Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized a Workshop on “Artificial Intelligence & Machine Learning” on 15th-16th April 2024 from 9:30 pm to 4:30 pm at the Workshop Hall block A. The objective of this workshop is to provide students an understanding of key concepts such as supervised and unsupervised learning, neural networks, deep learning, and more. The workshop had four eminent speakers. The session was delivered by two external speakers Dr. Vivek Tiwari, Associate Professor from ABV-IIITM Gwalior and Dr. Deepak Kr. Dewangan, Assistant Professor from ABV-IIITM Gwalior. The in house speakers were Dr. MadhaviDhingra and Dr. Rajeev Goyal from CSE Dept. The workshop had two sessions each day, which included the Hands on sessions. The event organiser was Prof.(Dr.) VikasThada and Coordinators were Dr. MadhaviDhingra (Associate Prof from CSE Dept) and Ms. Shradha Dubey (Assistant Prof from CSE Dept.)



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The event was for in house B.Tech CSE 6th semester students and 250 students attended the event including 5 faculties of Computer Science Department.

Point-wise Outcome Report:

1. What was the inspiration behind taking up this Particular Subject for the Workshop?

Ans: The significance of this topic stems from its relevance in shaping the academic and professional journeys of our students and making them ready for the placement jobs.

In today's dynamic world, the corporate landscape is evolving at an unprecedented pace. The choices we make during our academic years significantly influence our future career paths. Understanding the intricacies of Machine Learning and the evolving hiring trends of companies has become vital for our students' success.

By focusing on "Machine Learning and its Applications," we aimed to bridge the gap between academia and the corporate world. We wanted to ensure that our students are not only well-qualified but also well-prepared to excel in their chosen career paths.

2. What were the Criteria Considered for inviting the Various Individual Guests, Internal as well as External?

Ans. Our aim was to ensure a diverse and insightful perspective that will enrich the discussions and provide our attendees with valuable insights into the evolving landscape of Machine Learning. Our primary focus is on the students' learning experience. We selected guest whose insights will directly benefit our attendees, helping them make informed decisions about their career paths and understand the skills required to succeed in the current job market.

3. Were the guests informed in advance and if yes, from what previous interaction?

Ans: Yes, guest was informed in advance as had a cordial relationship with him from past many years.

4. Were the guests Recommended by someone? If yes, who?

Ans: The Approval of Guests was done in consultation with Prof.(Dr.) VivekJaglan.

5. Who all attended the event? Also, if possible, give the numbers.

Ans:Close to 250 students from the 6th Semester from Engineering attended the session. The session was also attended by the respective HOI, HOD and faculties of these departments.

6. What were the 'Take Homes' for the Guests and the Attendees in the form of knowledge, facts, information etc.?

Ans: The event was a resounding success, fostering meaningful discussions and illuminating the path forward in the realm of career placements.

Here are some of the key takeaways that participants gained from the program:

For Guest:



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- 1. Insights into Educational Landscape:** The program offered academic experts a deeper understanding of the evolving educational landscape, enabling them to align their project development /teaching strategies with the skills and knowledge that students are acquiring.
- 2. Awareness of Emerging Skills:** Discussions around emerging fields, technological trends, and soft skills provided guests with insights into the competencies that will be in demand in the coming years. This knowledge will enable them to identify potential candidates who possess a forward-looking skill set.
- 3. Student Interaction:** Engaging with students and understanding their aspirations, concerns, and perspectives allowed guests to tailor their hiring approaches to better resonate with the younger generation.

For Attendees (Our 6th Semester Students):

- 1. Industry Insights:** Attendees gained firsthand insights into the changing dynamics of Machine Learning. They learned about the basics and foundations behind Machine Learning.
- 2. Career Planning:** Discussions on emerging job roles, industries, and skills helped attendees make informed decisions about their career paths. They now possess a clearer vision of the skills needed to secure desirable positions.
- 3. Preparation Strategies:** The workshop provided attendees with effective preparation strategies, empowering them to present themselves confidently to potential employers.
- 4. Real-world Relevance:** The discussions bridged the gap between academia and the real life requirements, highlighting the practical application of their studies and encouraging a proactive approach to skill development.
- 5. Motivation and Inspiration:** Engaging with successful professional inspired attendees to aim higher, set ambitious goals, and pursue continuous self-improvement.

7. Has the Extension Activity/ Workshop/ Fest been able to generate any Tangible Gains for the Faculty, Researchers and Students of Amity? If yes, what are these?

Ans: The tangible gains that both the faculty and students of Amity University Madhya Pradesh have reaped from the recently concluded Program are :

For Faculty:

- 1. Updated Curriculum:** The insights gathered will facilitate the integration of relevant and current industry trends into our curriculum. This will ensure that our courses are aligned with the evolving needs of the job market, thereby enhancing the quality of education we provide.



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2. **Enhanced Teaching Resources:** The program has empowered faculty members with the latest information on Machine Learning, enabling them to develop and deliver more effective and relevant lectures, case studies, and assignments.

For Students:

1. **Skill Enhancement:** The program has equipped students with insights into emerging skills, allowing them to proactively develop competencies that are highly sought after in the job market.

2. **Effective Preparation:** Attendees have benefited from preparation strategies shared during the program, enabling them to present themselves confidently and effectively during interviews and assessments.

3. **Career Clarity:** Students now have a clearer understanding of the changing landscape of Machine Learning, helping them make informed decisions about their career paths and educational pursuits.

4. **Motivation and Inspiration:** Engaging with successful professional has motivated and inspired students to set ambitious goals, pursue continuous self-improvement, and take proactive steps toward their professional growth.

8. **Have we Followed-Up with the Guests to consider Various Collaborations such as Joint Research Papers and Publications; Joint Funded Projects; Student Internships and Placements; Participation in National/ International Workshops/ Conferences/ Workshops; Student/Faculty Exchange Programmes; Post Doctorate tie-ups; etc. etc.**

Ans: We are now in touch with them for ensuring their confirmation in our forthcoming Workshops/Conferences.

Photographs of the Event:



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Guest Speaker Dr. Vivek Tiwari delivering session



Audience at Day 1



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Director-ASET
Amity University Madhya Pradesh Gwalior



Gwalior, Madhya Pradesh, India
76CG+GJ4, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.270765°
Long 78.226715°
15/04/24 12:58 PM GMT +05:30



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Workshop Day 1

Guest Speaker Dr. Deepak Kr. Dewangan delivering session

Audience Day 2



Deepak Dewangan
Director-ASET
Amity University Madhya Pradesh Gwalior

Report of Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development

Name of Event/Activity:	Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development
Date:	19/04/2024
Venue:	Room No. C-107A (ASET-ECE)
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Dept of ECE (ASET)
Co-ordinator:	Dr. Rinkoo Bhatia
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Competition
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	College
Whether it is sponsored (Yes/ No):	No




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If Yes then Sponsor Name and Details:	Nil
Resource Person Details:	NA

No. of Participants : 35

Brief Report of the Activity: Department of ECE (ASET) In collaboration with Institution's Innovation Council has organised a Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development on 19.04.2024 from 10:00 AM onwards through offline mode in Room No. 107A, C block.

The poster making competition began with the welcoming speech of Prof. (Dr.) Raghvendra Sharma, HOD-ECE followed by Dr. Rinkoo Bhatia, Associate Professor, who set the theme of the poster making competition on 'role of creativity and innovation in providing innovative solutions for human development'.

Faculty members of the department highlighted the importance of Innovations in human development. As we know that the rapid growth in the field of Electronics and Communication Engineering towards new inventions will make the human's life easier. Every participant has their creative and different perspectives towards innovation and human development. Some participants designed the poster related to entrepreneurship as they have an opinion that entrepreneurship plays a crucial role in human development while others think that human development relies on software.

The total number of students participated in the poster making competition were near about 40 from which top three posters were selected:

1st position – BikasNath, B.Tech (CSE)-VI Sem

2nd position – Bharti Pal, Nupur Tiwari &Shruti Garg, B.Tech(ECE)-VI Sem

3rd position – Ishleen Kaur &Yash Raj Chauhan, B.Tech(ECE)-IV Sem



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Additionally, participants were encouraged to actively engage in discussions and share their insights throughout the competition. All the participants enjoyed the event as they got to know other's views in human development and enhance their artistic skills through the posters.

Aim/Objectives of The Event:

Here are some objectives for a Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development:

Promoting Creative Expression: Encourage participants to express their ideas, thoughts, and interpretations on the importance of creativity and innovation through visual art forms such as posters, paintings, and collages.

Raising Awareness: Raise awareness among participants and viewers about the significance of creativity and innovation in various aspects of life, including personal development, business, technology, and societal progress.

Inspiring Critical Thinking: Stimulate critical thinking and problem-solving skills by challenging participants to explore innovative concepts and solutions through their artistic creations.

Fostering Collaboration: Encourage collaboration and teamwork among participants by providing a platform where they can share ideas, exchange feedback, and learn from each other's perspectives on creativity and innovation.

Celebrating Diversity: Celebrate diversity and inclusivity by welcoming participants from diverse backgrounds, age groups, and skill levels to showcase their unique perspectives on creativity and innovation, enriching the overall experience of the competition

No. of Faculty Participants along with List :- 4

1. Dr. Rinkoo Bhatia, Associate Professor, ECE, ASET.
2. Dr. Narendra Kumar Garg, Associate Professor, ECE, ASET.
3. Dr. Ajay Kumar Dadoria, Assistant Professor, ECE, ASET.
4. Dr. Shally Goyal, Assistant Professor, ECE, ASET.



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No. of Students Participants along with List -: 34 (List Enclosed at Last)

Highlights of the Event:

Here are some highlights from the Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development:

Diverse Participation: The competition witnessed a diverse range of participants, including students, professionals, and hobbyists, from various backgrounds and age groups. This diversity enriched the competition by bringing together unique perspectives on creativity and innovation.

Innovative Themes and Concepts: Participants demonstrated remarkable creativity by exploring innovative themes and concepts related to creativity and innovation. From futuristic visions to reflections on historical breakthroughs, the artworks showcased a wide array of imaginative interpretations.

Engaging Visual Narratives: The artworks effectively communicated powerful visual narratives about the role of creativity and innovation in shaping the world around us. Each piece told a compelling story, capturing the imagination of viewers and sparking thought-provoking conversations.

Technological Integration: Some entries showcased a blend of traditional artistic techniques with modern technology, such as digital illustrations or mixed media compositions. This integration highlighted the intersection between creativity, innovation, and technology in contemporary art practices.

Community Engagement: The competition fostered a sense of community engagement and collaboration, with participants actively supporting each other, exchanging ideas, and providing constructive feedback. This collaborative spirit contributed to a vibrant and inclusive atmosphere throughout the event.

Outcomes of the event-:

Increased Awareness: The competition raised awareness about the importance of creativity and innovation in various fields, including art, science, technology, and business. Participants and viewers gained a deeper understanding of how these concepts contribute to personal growth and societal progress.

Inspiration and Motivation: Many participants and observers were inspired and motivated by the artworks showcased in the competition. The creative expressions served as catalysts for new ideas and



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perspectives, encouraging individuals to explore their own creative potential and pursue innovative endeavors.

Education and Learning: The competition served as an educational platform, providing participants with opportunities to learn about different artistic techniques, innovative approaches, and the significance of creativity and innovation in problem-solving and decision-making.

Networking and Collaboration: Participants had the chance to connect with like-minded individuals, mentors, and industry professionals, fostering networking opportunities and potential collaborations. This networking aspect facilitated the exchange of ideas and the formation of creative communities.

Recognition and Validation: Winners and participants received recognition and validation for their creative efforts and innovative ideas. This acknowledgment not only boosted their confidence but also encouraged them to further explore and refine their creative talents and innovative endeavors.

Flyer:



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AMITY
UNIVERSITY
Gwalior

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

POSTER/ PAINTING/COLLAGES

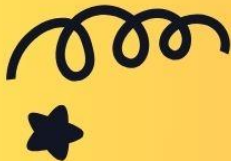
MAKING ON

Role of Creativity and Innovations in Providing Innovative Solutions for Human Development

19 APRIL 2024

Start at 10:00 AM - 12:00 Noon

Room No 107 A- C Block



 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of HRD Initiative)



Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



Kaveer Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



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Kaveh Jaglan
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Report of “TWO DAYS WORKSHOP ON IPR AND IP MANAGEMENT FOR START-UP”

Particulars of workshop:

Date:-30th April & 1st May 2024.

Timings:-11.15 AM to 1:10 PM and 2.15 PM to 4.15 PM

Venue:- Seminar Hall, Block A, AUMP.

Participation:-Totally **95 Students** were attended for this programme.

Day 1 (30.04.2024):

- a) Intellectual Property laws & its Practices By MsShubhangi Gupta (Associate professor, ALS)
- b) Intellectual Property Rights, Innovation and Development, By Dr.VivekJaglan (Director ASET)

Day 2 (01.05.2024):

- a) Intellectual Property Rights Policy Management (IPRPM) framework, By Dr. VartikaSaxena (Associate professor, ALS)
- b) Start-up in India, By Dr. Vimal Gupta (HOD Civil)

Department of Civil Engineering, Amity School of Engineering and Technology, AUMP, Gwalior, organized **Two days workshop on “Intellectual Property Rights (IPRs) and IP management for Start-up”** under the supervision of Prof. (Dr.) VivekJaglan (HoI ASET), on 30th April & 1st May 2024.



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Director-ASET
Amity University Madhya Pradesh Gwalior

The objective of this workshop was to promote Intellectual Property awareness among faculties, research scholars, students and to encourage research and own startups in the emerging arena of Intellectual property.

Students from various Institutions Amity Business School (ABS), Amity school of social science, (ASSS), Amity School of Bio-technology (AIB), Amity School of Engineering and Technology (ASET), Amity School of Pharmacy (AIP), participated for understanding the IPR and IP in startups practices

Dr. VivekJaglan and Dr. Vimal Gupta Inaugrated the workshop.

The Day 1 session was moderated by Dr. P. Mahakavi, Associate Professor, Department of Civil Engineering, Welcome address was given by Dr. Vimal Kumar Gupta, Head of the Department (Civil), ASET. He has initiated the session by extending formal welcome to all participants and speakers.

the first session started with Ms. Shubhangi Gupta, ALS, AUMP, who gave the detail idea of IPR and discussed its need. This session continued from 11:15 AM to 01:10PM. The II session from 2.15 PM to 4.15PM. was taken by Prof. (Dr.) VivekJaglan, (Director, ASET). He detailed the procedure of filing patent applications. Second day. The third session started from 11:15 AM to 01:10PM. Dr. VartikaSaxena, ALS, AUMP handled the session. VartikaSaxena discussed the trademark and its importance. On day 2 second session was taken by Dr. Vimal Kumar Gupta, HOD (Civil Engineering), ASET, AUMP from 2.15 PM to 4.15PM. Dr. Gupta discussed about startups in India and how students can start their own startup. Dr. Mohan Kantharia Associate Prof/Civil, ASET extended Vote of thanks to all the speakers and participants for making the event a grand success.

Pre event Link:

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Instagram:-

https://www.instagram.com/p/C6vHo2JlvGQ/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA=

Linkedin : - https://www.linkedin.com/posts/amityuniversitygwaliior_amityhappenings-amityuniversitymadhyapradesh-activity-7194208751497711617-abnL?utm_source=share&utm_medium=member_desktop



Dr P Mahakavi Coordinating the workshop



Puneet Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Ms Shubhangi Gupta (Speaker 1st session)



Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior

Dr.VivekJaglan, Director ASET (Speaker II session)



Dr.VartikaSaxena (Speaker III session)



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Dr.Vimal Gupta (Speaker IV session)



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Dr. Mohan Kantharia (Vote of Thanks)



Kaveer Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Faculty Coordinator participation



Students in the workshop

News Paper cuttings



Kaveer Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



एमिटी में स्टार्टअप के लिए बौद्धिक संपदा अधिकारों पर कार्यशाला

नगर संवाददाता ▶ ग्वालियर

एमिटी विश्वविद्यालय के एमिटी स्कूल ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के सिविल इंजीनियरिंग विभाग ने आईआईसी गतिविधि के तहत बौद्धिक संपदा अधिकार और स्टार्टअप के लिए आईपी प्रबंधन पर कार्यशाला का आयोजन किया। संस्थान के प्रो. चांसलर लेफ्टिनेंट जनरल वीके शर्मा के मार्गदर्शन में आयोजित हुई कार्यशाला का उद्घाटन विभागाध्यक्ष सिविल, एएसईटी, डॉ. विमल

कुमार गुप्ता ने किया। उन्होंने अपने संबोधन में आईपीआर और स्टार्टअप की सफलता के गुण साझा किए।

इसी तरह सहा. प्राध्यापिका चर्तिका सक्सेना ने बौद्धिक संपदा अधिकार नीति प्रबंधन आईपीआरपीएम पर विस्तार से चर्चा की। इसके अलावा शुभांगी गुप्ता, डॉ. विवेक जागलान ने भी अपने विचार व्यक्त किए। इस अवसर पर डॉ. पी. महकवि, डॉ. मोहन कन्वरिया, डॉ. विमल कुमार गुप्ता सहित अन्य मौजूद रहे।

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Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Kuneh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



निचरेले एवं उनकी टीम द्वारा जेसीआई ग्वालियर का परमानेंट प्रोजेक्ट परिवार व्यवहार बिजनेस प्रोग्राम शुक्रवार को सिंधिया छत्री से सुबह 6 बजे मैराथन के साथ शुरू हुआ।



मैराथन का समापन महाराज बाड़ा पर राष्ट्रगान के साथ हुआ। जिसमें पूर्व महापौर समीक्षा गुप्ता मुख्य अतिथि थीं। साथ ही प्रोग्राम कन्वीनर पूर्व अध्यक्ष जेसी गुलनाज जावेद, पूर्व अध्यक्ष राका पाठक, पूर्व अध्यक्ष प्रिया शर्मा, पूर्व अध्यक्ष श्वेता शर्मा, आईपीपी सीमा भार्गव, उपाध्यक्ष साधना भुजंग, उपाध्यक्ष रश्मि गोयल, सह सचिव अपूर्वा पालीवाल, डायरेक्टर मीनाक्षी खत्री, नीरजा कुलश्रेष्ठ, हेमा भार्गव, मीरा शर्मा, रितु टाकुर, सुष्मा सिंह आदि उपस्थित रहे। अंत में आभार संस्था सचिव जेसी ऋचा अग्रवाल ने व्यक्त किया।

एमटी में स्टार्टअप के लिए हुई कार्यशाला



ग्वालियर, (आरएनएन)। एमटी यूनिवर्सिटी मध्य प्रदेश के एमटी स्कूल ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के सिविल इंजीनियरिंग विभाग ने आईआईसी गतिविधि के तहत दो दिवसीय कार्यशाला बौद्धिक संपदा अधिकार और स्टार्टअप के लिए आईपी प्रबंधन का आयोजन किया। प्रो. चांसलर लेफ्टिनेंट जनरल वीके शर्मा, एवीएसएम (रिटायर्ड) के मार्गदर्शन में आयोजित कार्यशाला का उद्देश्य शिक्षकों, शोधकर्ताओं, छात्रों के बीच बौद्धिक संपदा जागरूकता को बढ़ावा देना और बौद्धिक संपदा के उभरते क्षेत्र में शोध को प्रोत्साहित करना था। कार्यशाला में कुल 95 छात्रों ने भाग लिया। कार्यक्रम का उद्घाटन विभागाध्यक्ष (सिविल), एएसईटी, डॉ. विमल कुमार गुप्ता ने किया। शुभांगी गुप्ता, डॉ. विवेक जागलान ने भी संबोधित किया। कार्यशाला का संचालन डॉ. पी. महाकवि एवं डॉ. मोहन कन्थरिया ने किया तथा समापन सत्र का संचालन डॉ. विमल कुमार गुप्ता ने किया। आभार डॉ. मोहन कन्थरिया, एसोसिएट प्रोफेसर (सिविल) ने व्यक्त किया।

कैंसर हॉस्पिटल में तीन दिवसीय हाईकॉन का शुभारंभ

ग्वालियर, (आरएनएन)। कैंसर चिकित्सालय एवं शोध संस्थान, शीतला सहाय इंस्टीट्यूट ऑफ मेडिकल साइंसेज, पी जी कॉलेज ऑफ नर्सिंग, ग्वालियर के संयुक्त प्रयासों से इंडियन मेडिकल एसोसिएशन, ग्वालियर शाखा, मध्य प्रदेश नर्सिंग होम



एसोसिएशन, ग्वालियर, ट्रेड नर्सिंग एसोसिएशन ऑफ इंडिया मध्य प्रदेश राज्य शाखा के संयुक्त तत्वावधान में राष्ट्रीय स्तर पर आयोजित अस्पताल

Report of Event/Activity: Expert Talk and Project Exhibition

Name of Event/Activity:	Expert Talk and Project Exhibition: National Technology Day
Date:	10/05/2024
Venue:	Seminar Hall and Room No. 119, Block A (ASET)
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Department of Mechanical Engineering (ASET)
Co-ordinator:	Dr. Nasir Khan , Mr. Nagendra Sharma, Dr. Ashish Pareta
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Seminar & Competition
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	College
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	N/A
Resource Person Details:	Prof. (Dr.) Vikas Thada, Professor & Head, CSE, ASET AUMP Gwalior

Brief Report of the Activity:

(i) Introduction (250-300 words):

Under the aegis of Institute Innovation cell and National Technology Day, An Expert Talk and Project Exhibition event was organised at 11:15 am and 12:20 pm respectively on 10/05/2024. As National Technology Day is celebrated in our country in commemoration of India's second nuclear tests conducted on 11th May, 1998 making our country self-reliant in the realm of peaceful use of nuclear technology, the department of Mechanical Engineering ASET, AUMP organized two activities namely Expert Talk by Prof.



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

(Dr.) VikasThada, Professor and Head CSE on the topic: Innovation and design thinking with Artificial Intelligence and Machine Learning”.

The audience / participants of expert talk were students of B.Tech. CSE II Sem (Section B and C). The theme of the talk was selected in order to give some fundamental ideas, areas of technology innovations and the importance of AI and ML in the progress of professionals, society and Nation as a whole.

Another activity was with regard to exhibition of B. Tech. student’s Projects/Project Ideas. The students were asked to exhibit project/project ideas that along with the usage of existing technology or innovation can be used to solve fundamental issued facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues. Around 8-10 projects were shortlisted having representation from all branches of engineering of ASET. It was proposed to rank the projects on the basis of some pre defined parameters to encourage students through competitive spirit with regard to technological innovations. The exhibition was observed by Director ASET along with other faculty members.

(ii) Aims/Objective(s) (100 Words):

Having the aim of Institution’s Innovation council to foster , promote and encourage a zeal amongst the students to come up with innovative technological solutions to the problems facing the nation and the world, the objective of the event was to educate and make aware them regarding the thrust areas where innovative and cost effective solutions are desperately needed by the humankind along with the availability and usage of modern tools and techniques for finding solutions of these pressing issues was one of the objective.

The second objective was to encourage students to take up innovative projects related to innovation and design thinking, fundamental issue facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues.

(iii) No of Faculty Participants: 10

1. Dr. VivekJaglan
2. Dr. VikasThada
3. Dr. AnshulGangele
4. Dr. Nasir Khan
5. Dr. Ashish Singh Pareta
6. Mr. Nagendra Kumar Sharma
7. Dr. Girraj Kumar Verma
8. Mr. Ashish Tripathi
9. Dr. Ghanshyam Dubey
10. Dr. Shyam S. Gupta



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

(iv) No of Student Participants: 114

(v) Highlights of the Event/Activity (100 Words):

One of the important highlights of the event was conduction of “Expert Talk” wherein Prof. (Dr.) Vikas Thada HoD of CSE explained the fundamentals of modern techniques i.e. Artificial Intelligence and Machine Learning in depth with special emphasis on their application in various fields in order to solve some complex and intractable problems as one of the objectives of the event with participation of around 100 students of B.Tech.

Another highlight was to enable B. Tech. students showcase such projects on National Technology Day to other students and faculty members for their constructive criticisms and scope for further improvements. Around 8 projects were exhibited with participation of various student teams having around 15 participants. Projects were also ranked as 1st, 2nd and 3rd and certificates were distributed among winners and all participants.

(vi) Outcome(s):

1. To give some fundamental ideas, areas of technology innovations and the importance of AI and ML in the progress of professionals, society and Nation as a whole and explain the fundamentals of modern techniques i.e. Artificial Intelligence and Machine Learning in depth with special emphasis on their application in various fields in order to solve some complex and intractable problems.
2. To exhibit project/project ideas that along with the usage of existing technology or innovation can be used to solve fundamental issues facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues with the aim to rank the projects on the basis of some pre defined parameters to encourage students through competitive spirit with regard to technological innovations with the outcome that allowed the other students and faculty members to make constructive criticisms and suggestions for further improvements of the projects exhibited.

(viii) Enclosures:



नेशनल टेक्नोलॉजी डे आज : इंजीनियरिंग और विज्ञान के क्षेत्र में स्टूडेंट्स अपने इन्वेंशन से दे रहे नए आयाम

टेक्नोलॉजी के ट्रैक पर ग्वालियराइट्स, एआई और सेंसर बेस्ड प्रोडक्ट्स पर कर रहे फोकस

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ग्वालियर. हर दिन बदलती टेक्नोलॉजी ने लोगों का जीवन आसान बनाया है। टेक्नोलॉजी डेवलप हुई तो इस क्षेत्र में काम कर रहे युवाओं के लिए बेहतर भविष्य के मौके भी बढ़ गए। यह टेक्नोलॉजी का ही दौर है जब मशीनों से हुई शुरुआत अब सेंसर बेस्ड, ऑटोमेशन, रोबोटिक्स और एआई पर आ चुकी है। समय के साथ साथ विज्ञान और इंजीनियरिंग विभाग में नई टेक्नोलॉजी शामिल हो रही है। स्टूडेंट्स भी जीवन को आसान बनाने की पूरी कोशिश में लगे हुए हैं। आज राष्ट्रीय प्रौद्योगिकी दिवस के मौके पर हम उन विद्यार्थियों के बारे में बताएंगे जिन्होंने विभिन्न

सेंसर तकनीक से स्मार्ट होम में खुलेंगे-बंद होंगे गेट

एमआईटीएस की भूमि और अंजलि ने आईओटी सेंसर के प्रयोग से स्मार्ट होम प्रोजेक्ट तैयार किया गया है। इसमें एक ऑटोमेटिक गेट शामिल है, जो किसी के आते ही ऑटोमेटिक खुलता है और जाते ही बंद हो जाता है। इसके अलावा इसमें एप कंट्रोल लाइटिंग सिस्टम भी है, जिसके लिए एक खास ऐप बनाया गया है। ऐप लाइट और पंखे को चालू और बंद करने के लिए वॉयस कमांड से काम करता है। इसमें गैस लीकेज सेंसर भी लगाया गया है, गैस लीक होने पर या एलपीजी का रबर निवार्डर सीमा से अधिक होने पर आवाज करने लगता है।



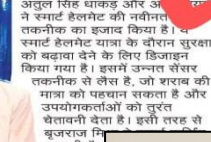
सफाई के लिए घर के सामने रुक जाएगा रोबोट

ध्रुव मोदी और अंकित खंडा ने स्मार्ट रोबोट बनाया है, जो सफाई के क्षेत्र में मददगार साबित होगा। इस परियोजना में एक स्मार्ट इस्टिमिन है जो लोगों के पास पहुंचता है। ये इस्टिमिन चलकर आपके दरवाजे पर पहुंचता है। स्मार्ट रोबोट को फोन के जरिए उपयोग में लाया जा सकता है, जैसे ही किसी घर या इंसान के सामने आएगा वह अपने आप रुक जाएगा और उसमें लगे इस्टिमिन का डबकन 4 सेकेंड्स लिए खुल जाएगा। इस्टिमिन को पूरा भरते ही फोन पर बैटरी भी मिल जाएगी, कुछरा खाली करें। इस स्मार्ट रोबोट का बनाने में आरक्षीने



स्मार्ट हेलमेट करेगा शराब की मात्रा की पहचान

अतुल सिंह धाकड़ और अंजलि ने स्मार्ट हेलमेट की वीनियन तकनीक का इस्तेमाल किया है। स्मार्ट हेलमेट यात्रा के दौरान सुरक्षा को बढ़ावा देने के लिए डिजाइन किया गया है। इसमें उन्नत सेंसर तकनीक से लैस है, जो शराब की मात्रा को पहचान सकता है और उपयोगकर्ताओं को तुरंत चेतावनी देता है। इसी तरह से बुजरजा नि



एग्रीकल्चर मॉनिटरिंग सिस्टम करेगा मदद

एमिटी मुनिवर्सिटी ग्वालियर के देवांश खूबे और यश पाठक ने स्मार्ट एग्रीकल्चर मॉनिटरिंग सिस्टम तैयार किया है। ड्रोन की मदद से तैयार हुए



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REPORT of National conference AEFICS

National conference on Advancing Engineering Frontiers: Innovations, challenges and solutions

General Information of the Event :

Date of Event : 17/5/24
Venue : Zoom (Online)
Organized by : ASET, AUMP

This conference has been organized with the objectives:

- To provide a platform for researchers, academicians, industry experts, and students to share their latest research findings, advancements, and practical experiences in various domains of engineering;
- Another objective to organise this conference is to provide a wide scope of topics covering various engineering disciplines and latest happening in technology development;
- This conference provided opportunities for interdisciplinary discussions, fostering innovation and problem-solving in the domain;

General Information of Track 1: Network Technologies in Computer Science

Total Participation : 50
Moderator(s) : Dr. Ashish Tripathi



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Director-ASET
Amity University Madhya Pradesh Gwalior

Session Chair : Dr.Raj Sinha ,AP LPU, Punjab,
 Prof.(Dr.) Vikas Thada and Dr. Kapil
 Sharma

Convener/Host : Dr. VivekJaglan,
 Dr.VikasThada,
 Dr. Hemant Soni

Details of Expert/Speaker/Resource Person/Judge:

Country Name : INDIA
 Expert Name : Dr. Raj Sinha
 Organization : Lovely Professional University,Punjab
 Designation : Assistant Professor
 Specialization : AI and ML

Paper wise Outcome Report (Track 1):Network Technologies in Computer Science

S.No	Title of Paper	Author	Presenter
1.	Identifying Anomalies in Vehicular Adhoc Networks	Thuvva Anjali,Rajeev Goyal,G.N. Balaji	Thuvva Anjali
2.	Interconnected Intelligence: Exploring the Nexus of IoT in Modern Society	AbhinavVidwans,AlankarShastri	AlankarShastri
3.	Revolutionizing Food Safety and Quality: The Impact of Block chain on Traceability and Supply Chain Management	Manish Kumar Jain,Kapil Sharma	Manish Kumar Jain
4.	Advancements in Multi-Modal 3D Object Detection for Enhanced Safety in Autonomous Driving Systems: A Comprehensive Survey	Jitendra Kumar Tyagi,Alok Kumar Tiwari,Manisha Pattanaik, Gaurav Kaushal, Amiya Bisoi	Gaurav Kaushal
5.	Deciphering Human Speech:	AyushiAwasthi,KiranTomar	Kiran Tomar



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	Computational Approaches to Speech Recognition Technology		
6.	PharmNest - An Online Prescription Based Pharmaceutical Store	Thuvva Anjali, K.Vaneesha Reddy,A. Rithvika, A.Shreya	Thuvva Anjali
7.	Enhancing Decision-Making in Education sector by applying Multiple Criteria Decision-Making (MCDM) Techniques	Tarun Kr. Sharma	Tarun Kr. Sharma
8.	Quantum Computing: Recent Advances and Applications	ParthSharma,Lokendra Sharma	Parth Sharma
9.	Challenges and Opportunities of IoT Technology for Smart Cities	Brijendra Mishra	Brijendra Mishra
10.	Revealing the Impact: Malware Attacks and Confidential Data Leakage in India's Healthcare Sector	Vaishali,VandnaSrivastava,MuktiRichcharaiya	MuktiRichcharaiya
11.	Survey Paper: Various Routing algorithm for FANET	Raju Singh,GhanshyamDubey,Abhuday	Raju Singh
12.	Analysis and Implementation of New Technique collaborated with Huffman encoding and DNA	Uma Rani,SurjeetDalal	Uma Rani
13.	Layer Wise Security Threats and Hybrid Techniques to Secure IoT Environment	Abhishek Kuamr,Samta Jain Goyal	Abhishek Kumar

General Information of Track 2:Frontiers in Computer Science

TotalParticipation : 50



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Moderator(s) : Mr. Manish Khule
 Session Chair : Dr.Hemant Kumar Soni and Dr. Ashok Kumar Shrivastav
 Convener/Host : Dr. VivekJaglan, Dr.Vikas Thada,Dr. Hemant Soni

Paper wise Outcome Report (Track 2):Frontiers in Computer Science

S.No	Title of Paper	Author	Presenter
1.	ENHANCING SECURITY AND EFFICIENCY IN DECENTRALIZED SYSTEMS: THE INTEGRATION OF BLOCKCHAIN WITH EDGE COMPUTING	Goli Archana	Goli Archana
2.	A Systematic Approach of Blockchain Platform For Internet Of Things	AnshitaShukla,G. Samrishtha	G. Samrishtha
3.	Design and Development of 'Travel World': A Django-Based Travel Website for Exploring Destinations across India	PuneetGurbani,Rahul Kumar, RadhaBhonde, Ranu Dixit	PuneetGurbani
4.	Application of IoT in Wildlife Monitoring	RwitabrataMallick	RwitabrataMallick
5.	A Comprehensive Review and Future Directions in Big Data Analytics in	ShipraTripathi	ShipraTripathi



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	Computer Science and Engineering		
6.	Impacts of Cloud Computing in India on E-Commerce Business	Raj Sinha,Ujjwal	Ujjwal
7.	A REVIEW ON EXPLORING SECURITY VULNERABILITIES AND MITIGATION STRATEGIES IN INTERNET OF THINGS (IOT) DEVICES	AbishekNiroula,GyalgenLepcha,Dhiraj Prasad Jaiswal, Rahul Shah	Rahul Shah
8.	Analysis of Cryptography in Network Security	YashwardhanBhadouriya,PadminiUmorya,MadhviDhingra	PadminiUmorya
9.	Digital forensics: Collection and analysis of digital evidence to create stronger security measures	RishirajSingh,KiranTomar,U mang Garg	Kiran Tomar
10.	Prevention of Phishing Attacks using AI-Based Cyber Security	Pawan Singh Rajawat,PratimaUpadhayay,Samta Jain	PratimaUpdhaya y
11.	Decentralized Finance (DeFi): The Role of Smart Contracts in Transforming Financial Services	Vishal Singh,SmritiSanghatiyya,MadhviDhingra	Vishal Singh
12.	Enhancing Data Security in Social Media	Nidhi Bajpai,MadhviDhingra	Nidhi Bajpai



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	Platforms: Challenges and Solutions		
13.	Integrating natural language processing with image document analysis : A Review	Neeti Pandey	Neeti Pandey

General Information of Track 3: Applications of Machine Learning

Total Participation : 50
Moderator(s) : Mr. Lokendra Sharma
Session Chair : Dr. Hemant Kumar Soni and Dr. Ashok Kumar
Shrivastav
Convener/Host : Dr. Vivek Jaglan, Dr. Vikas
Thada, Dr. Hemant Soni

Paper wise Outcome Report (Track 3): Applications of Machine Learning

S.No	Title of Paper	Author	Presenter
1.	Pattern Recognition Techniques using Machine Learning in Tourism Industry	Gagan Gurungag, Arvind Updhayay	Gagan Gurungag
2.	Review of Language Models for Conversational AI in ChatGPT	Ashok Kumar, Rahul Kumar	Rahul Kumar
3.	Deep Learning Techniques for Hate Speech Identification: A Comprehensive Analysis	Pragya Goswami, A. Daniel	Pragya Goswami
4.	A Review and analysis of Extractive and Abstractive Text Summarization Techniques	Sunil Upadhyay, Hemant Soni	Sunil Upadhyay
5.	A LITERATURE REVIEW ON CHRONIC LIVER DISEASE DETECTION AND DIAGNOSIS SYSTEM USING MACHINE LEARNING	Jyoshna Allenki, Hemant Kumar Soni	Jyoshna Allenki
6.	An Efficient Heart Disease Prediction and Monitoring	Jyoshna Allenki, Thuyva Anjali	Jyoshna Allenki



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	Technique Using Machine Learning		
7.	A Review on Early Chronic Liver Disease Detection by using Machine Learning Techniques	JyoshnaAllenki, Thuvya Anjali	Thuvya Anjali
8.	Building an Interactive Tool for Real vs Synthetic Image Identification using TensorFlow& TensorFlow.js	S. Deva,S. Mittal,G. Singh	S. Deva
9.	Uses of Machine Learning Algorithms Support Vector Machine and Decision Tree For Identifying Criticalness In Diabetes	Asheshh Pandey ,Sudeshna Chakraborty	Asheshh Pandey
10.	A Comprehensive survey of Machine Learning based Healthcare Monitoring & Disease Prediction Systems	Yugansh Garg,Chandrasekhar K,Priya Kothari	Yugansh Garg
11.	A Review on Language learning and translation support with Artificial Intelligence (AI)	SejalChhetri,Rahul Shah, Dhiraj Prasad Jaiswal	SejalChhetri
12.	Transfer Learning Techniques for Domain Adaptation inNatural Language Processing	Raj Sinha	Raj Sinha
13.	Leveraging Machine Learning for Dengue Prevalence Prediction	Raj Sinha,AshwainiPandey,Arpan Bhattacharya	Arpan Bhattacharya
14.	Utilizing Machine Learning to Identify APT: Contrary Performance Analysis Using Suggested Model	Manish Khule,DeepakMotwani,Dipti Chauhan	Manish Khule

General Information of Track 4 : Advances in Artificial Intelligence

Total Participation : 16
Moderator(s) : Mr.Sandeep Gupta
Session Chair : Dr.Balamurugan Balusamy , Associate Dean,
Shiv Nadar University,Prof.(Dr.)Vikas Thada
Dr.Anuj Kumar Singh and
Dr. Devendra Kumar Mishra



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Director-ASET
Amity University Madhya Pradesh Gwalior

Convener/Host
Thada, Dr. Hemant Soni

: Dr. Vivek Jaglan, Dr. Vikas

Details of Expert/Speaker/Resource Person/Judge

Country Name : INDIA

Expert Name : Dr. Balamurugan Balusamy

Organization : Shiv Nadar University , Greater Noida

Designation : Associate Dean

Specialization : AI and ML

Paper wise Outcome Report (Track 4: Advances in Artificial Intelligence)

S.NO	Title of Paper	Author	Presenter
1	An in-depth study of Rainfall Prediction Analysis Using Machine Learning Algorithm	Shashi Kant Gupta	Shashi Kant Gupta
		Deepak Motwani	
		Ashish Tripathi	
2	Prediction-Based Learning to Enhance Artificial Intelligence Essentialities on the Steps of Crop Framing	Richa Gupta	Richa Gupta
		Vivek Gupta	
		Jhankar Moolchandani	
3	Artificial Intelligence Impact on Student Autonomy and Agency in the Learning Process	Youa Raj Chettri	Youa Raj Chettri
		Anurag Tewari	
		Rahul Shah, Dhiraj Prasad Jaiswal	



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4	Enhanced Accuracy in Blast Disease Prediction for Rice Crops: A Support Vector Machine vs. K-Nearest Neighbor Algorithm Study	Neha Sanone	Neha Sanone
		Priyanka Jain	
5	Phishing Website Detection Using Machine Learning and Deep Learning	PODILA MOUNIKA	PODILA MOUNIKA
		NUZZATH TAHREEN	
6	TEACHER TRAINING AND PROFESSIONAL DEVELOPMENT FOR EFFECTIVE UTILIZATION OF AI	BijayChettri	BijayChettri
		AgimMarak	
		Rahul Shah, Dhiraj Prasad Jaiswal	
7	Object Detection with Deep Learning	Raj Bhadoriya	Raj Bhadoriya
		Ram Kumar Bhadoriya	
		Dr. Shyam S. Gupta	
		Rampratap Singh Tomar, Rupesh Bhargava, Deepak Gupta	
8	Artificial Intelligence (AI) at the Nexus of Chemistry: Advancements, Applications and Ethical Considerations	Anil Kumar	Anil Kumar
		Rajesh Kumar Singh	
		Lucky Kumar	
9	Retrieval-Augmented Generation (RAG) – A Novel GenAI	Satvika	Satvika
		Akhil Kaushik	
10	Developing an ANN grounded Detection System(IDS) For Cybersecurity	Harsh Singh	
		Raj Sinha	
		Anubhav Singh	
11	Offline Writer Independent Handwritten Signature Verification System	Ashok Kumar	Ashok Kumar
		Rahul Kumar	



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		Karamjit Bhatia	
12	A Comparison analysis of Classification Algorithms for Spam Email Data Analysis	AishwaryaGautam	AishwaryaGautam
		Hemant Kumar Soni	
13	A Review Paper on Interaction Based Segmentation and Recognition Framework Using Deep Learning	Gyanendrs Singh Tomar	Gyanendrs Singh Tomar
		Hemant Kumar Soni	
14	Extracting Powerful Features: A Stacked Model Approach for Early Lung Cancer Identification	Raj Sinha	
		Abhishek Kumar	Abhishek Kumar
		Shovan Chakraborty	
15	Federated Learning: A Comprehensive Review	Rashmi Pandey	Rashmi Pandey
16	Utilizing Computer Vision and Deep Learning for crime detection in surveillance videos	SnehaRajpoot	SnehaRajpoot

General Information of Track 5 :Advances in Electrical and Electronics

Engineering

TotalParticipation : 10
Moderator(s) : Dr.Narendra Kumar Garg
Session Chair : Prof.(Dr.) Raghavendra Sharma
and Dr.Rinkoo Bhatia

Convener/Host : Dr. VivekJaglan, Dr.Vikas
Thada,Dr. Hemant Soni

Paper wise Outcome Report (Track 5): Advances in Electrical and Electronics Engineering



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S.NO	Title of Paper	Author	Presenter
1	Innovations in Anonymization and Pseudonymization Techniques for ADAS	PriyamvadaSaxena	PriyamvadaSaxena
		Raghvendra Sharma	
2	Various Power Electronics Topologies of Inductive Wireless Charging of Electric Vehicles	Mukesh Bhardwaj	Mukesh Bhardwaj
		Dr. Narendra Kumar Garg, Ajay kr. Dadoria	
		Dr. AshutoshBarua, Dr. LokeshVarshney	
3	COMPARISON AND ANALYSIS BETWEEN CNTFET AND FinFET TECHNOLOGY	RavineshBhadoriya	RavineshBhadoriya
		Narendra Kumar Garg	
		Ajay Dadoria	
4	Development of polyaniline (PANI)-nanocomposites for toxic gas sensor	Sukriti Ghosh	Sukriti Ghosh
		Pankaj Kumar Mishra	
5	Study and Investigation on 5G Technology: A Systematic Review	Shivani Gupta	Shivani Gupta
		PratimaUpadhyay	
6	Review of Non-Orthogonal Multiple Access (NOMA) Techniques in IRS-Assisted Communication System	Zab Khan	Zab Khan
		Rinkoo Bhatia	
		Priyank Sharma	
7	Optimization Bandwidth of Microstrip Patch Antenna for Millimeter Wave Communication	Swati A. Dwivedi	Swati A. Dwivedi
8	Designing of Microstrip Bandpass Filter for High Speed Communication	Shally Goyal	Shally Goyal
9	Cell-free Massive MIMO Technology for 6G Communication Networks	Rinkoo Bhatia	Rinkoo Bhatia
10	Review of Detection and Classification of heart arrhythmia using Signal Processing and Artificial Intelligence Techniques	Anuradha Pathak	Anuradha Pathak
		Raghavendra Sharma	
		Sunil Datt Sharma	



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General Information of Track 6: Progressions in Mechanical and Civil Engineering

TotalParticipation : 12
Moderator(s) :Dr. Mahakavi P
Session Chair : Prof.(Dr.) Vimal Kumar Gupta and Prof.(Dr.)
Anshul Gangele

Convener/Host : Dr. VivekJaglan, Dr.Vikas
Thada,Dr. Hemant Soni

Paper wise Outcome Report (Track 6):Progressions in Mechanical and Civil Engineering

S.NO	Title of Paper	Author	Presenter
1	Performance of Hybrid Fiber Reinforced Concrete	Priya Yadav	Priya Yadav
		P. Mahakavi	
2	Effect of Mill Scale on Mechanical and Durability Properties of Self Compacting Concrete	Sachin Tiwari	Sachin Tiwari
		Mohan Kantharia	
3	Local Calibration and Experimental Investigation of Rigid Pavement Performance Models using Re sampling methods	Nilesh Santosh Soni	Nilesh Santosh Soni
		Imran Ahmad Khan	
4	Solar Panels as a Building Component :Reduction in Energy Bills	Mohan Kantharia	Mohan Kantharia
5	Optimization of Industrial Productivity Using Different Lean Manufacturing Tools	Tarun Kumar Yadav	Tarun Kumar Yadav
		AnshulGangele	
		Nitesh Kumar Gautam, Manish Deshmukh	



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6	Rural indoor kitchen structure optimization to minimize the pollution exposure: a sustainable environmental modelling approach	Deep Chakraborty	Deep Chakraborty
7	EFFECT OF MACHINING PARAMETERS ON HOLE QUALITY OF MICRO DRILLING FOR ALUMINUM ALLOY MATERIAL	Manish Deshmukh	Manish Deshmukh
		AnshulGangele	
		Tarun Kumar Yadav	
8	Review on Crystalline admix as Self-healing cementitious Composite for concrete	Devendra Kumar Sharma	Devendra Kumar Sharma
		Mohan Kantharia	
9	Advancements in Concrete Composite Materials: A Comprehensive Review	Niraj Kumar	Niraj Kumar
		Mohan Kantharia	
10	STRUCTURAL PERFORMANCE of POLYMER MODIFIED BITUMEN	Arvind Singh Gaur	Arvind Singh Gaur
		RipunjyogGogoi	
11	Investigating the Effects of Partial Replacement of Fine Aggregate with Burnt Clay Brick Powder in Concrete	Vaibhav Singh	Vaibhav Singh
		Sachin Tiwari	
		Vimal Kumar Gupta	
12	Significance of Composite Materials in Modern Construction	Gaurav Mishra	Gaurav Mishra
		V. K. Gupta	

- What was the Inspiration behind taking up this Particular Subject for the Conference?
 - To enable the people to emphasis on new technology.
 - To practice accessibility of technology
 - To insist on the need of sustainability along with development.
 - To integrate more on innovation.
 - To attain higher level of tech savingess.
- Who were the Distinguished Guest Speakers Invited for the Event. Kindly give their Names. Designations, Organisation, Qualifications, Area of Expertise and any Honours and Awards received by them.



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SN	Country Name	Expert Name	Organisation Name	Designation	Specialisation	Major Areas where Amity can Collaborate with expert	Awards and Honours
I	India	Dr. BalamuganBalusamy	Shiv Nadar University	Associate Dean	AI and ML	Technological Advancements using AI and ML	Eminent Faculty

- What was the Criteria Considered for inviting the Various Individual Guests, Internal as well as External ?

Criteria was to invite recognised guests that are experts in the fields of computer science.

- Were the guests in advance and if yes, from what previous interaction? Were the guests recommended by someone. If yes, who ?

No

- Who all attended the Conference? Also, if possible, give the numbers.

Faculties, Students, Total 300 participants. Along with session chairs, moderators and presenters

- What were the 'Take Homes' for the Guests and the Attendees in the form of knowledge, facts, information etc.? Please give the Salient Novel Points Covered by the Guest Speakers, in Bullet Points Format.

Participants have gained knowledge for various Network Technologies, Applications of AI and Upcoming technological advances in field of computer Science ,Progression in the domain Mechanical Engineering and Civil Engineering eg. Solar plants ,Optimization of Industrial Productivity and emerging technologies like Various Power Electronics Topologies of Inductive Wireless Charging of Electric Vehicles

- Has the Conference been able to generate any Tangible Gains for the Faculty, Researchers and Students of Amity. If yes, what are these ?



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Technology can help us move ahead and it can be inserted in various realms of real life. It isn't a threat and should be welcomed to its best of optimization.

- Have we Followed-Up with the Guests to consider Various Collaborations such as Joint Research Papers and Publications; Joint Funded Projects; Student Internships and Placements; Participation in National/ International Seminars/Conferences,/Workshops ; Student/Faculty Exchange Programmes ; Post Doctorate tie ups ; etc.

Yes

- What are the plans for utilizing the contacts developed with the Invited Guests, for future cooperation to meet the targets of 'Mission: Connect' and Mission: Synergy of Brains? Please give a roadmap with timelines.

Media and References

The screenshot shows a Zoom meeting in progress. The main content is a presentation slide titled "REVIEW OF LITERATURE" from Amity University Madhya Pradesh. The slide contains a table with the following data:

Author	Year	Paper Title	Method Used	Outcome	Limitation
Pius et al.	2024	Artificial Intelligence and Lecturers' Professional Development in Faculty of Education	surveys, interviews and experimental interventions	Current Use of AI in Professional Development	sample size and potential biases in data collection.
Matthew et al.	2023	Generative AI Professional Development Needs for Educators	Education Perception Survey on GAI Adoption	Institutional Support, Training, Strategy Development Necessity	Biases in Self-Reported Data and Sample Representation
Xiaolin Xia et al.	2022	Artificial Intelligence for Higher Education Development and Teaching Skills	AI's global tech transformation, big data influence	Crucial competitiveness and prioritized in higher education.	Reforms demand resources and teaching resistance.
Sdenka et al.	2020	Artificial Intelligence and Learning Analytics in Teacher Education	learning analysis, automatic grading and modelling.	Tech improvement and data privacy concerns.	Incomplete AI education findings and limited applicability.
Hashem et al.	2020	The Role of Artificial Intelligence in Teacher Professional Development	Historical analysis, literature review	AI's historical evolution and contemporary significance awareness.	Potential bias and lack of real-time data.

The meeting interface includes a toolbar at the top with options like "Take control", "Pop out", "Chat", "People", "Raise", "React", "View", "Rooms", "Apps", "More", "Camera", "Mic", "Share", and "Leave". The video gallery on the left shows three participants. The participants list on the right includes Sandeep Gupta (Organizer), Rupesh Bhargava, NUZZATH TAHREEM, Abhishek Kumar (Unverified), Aishwarya gautam (Unverified), AISHWARYA GAUTAM (External), Bijay Chettri (Unverified), and Dr Arvind Kumar Upadhyay.



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Director-ASET
 Amity University Madhya Pradesh Gwalior

General

58:52

People 16

BC RT SC YC HS PJ SG

Bijay Chettr... Rampratrap... Shovan Ch... Youa Raj C... Harsh sing... Priyanka Jain (U... View all

Unmute (Ctrl+Shift+M)

Participants

Type a name

Share invite

In this meeting (16) Mute all

- SG Sandeep Gupta Organizer
- OB 0905CS211144 Rupesh Bharga...
- 2T 23251D7801 NUZZATH TAHRE...
- AK Abhishek Kumar (Unverified)
- AG Aishwarya gautam (Unverified)
- BC Bijay Chettri (Unverified)
- DK Dr. Anil Kumar (Unverified)
- Dr. Rajeev Goyal
- HS Harsh singh (Unverified)

Priyanka PPT - PowerPoint

A National Conference
On
Advancing Engineering Frontiers: Innovation, Challenges,
and Solutions (AEFICS 2024)
Presentation
on
Enhanced Accuracy in Blast Disease Prediction for Rice
Crops: A Support Vector Machine vs. K-Nearest Neighbor
Algorithm Study (Paper ID:AEFICS038)
by
Priyanka Jain
TGT (Computer Science) GGHS Gwalior, India
AUTHORS
1. Mrs. Neha Sanone, Research Scholar (ASET-CSE), Amity University Gwalior, India
2. Mrs. Priyanka Jain TGT (Computer Science) GGHS Gwalior, India

Priyanka Jain (Unverified)

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17-05-2024

General

01:21:38

People 17

2T DK HS BC YC SG

23251D780... Dr. Anil Ku... Harsh singh (U... Bijay Chettr... Youa Raj C... Dr Arvind K... View all

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Participants

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- SG Sandeep Gupta Organizer
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- 2T 23251D7801 NUZZATH TAHRE...
- AK Abhishek Kumar (Unverified)
- AG Aishwarya gautam (Unverified)
- AG AISHWARYA GAUTAM (External)
- BC Bijay Chettri (Unverified)
- Dr Arvind Kumar Upadhyay
- DK Dr. Anil Kumar (Unverified)

Developing an ANN grounded Intrusion Detection System(IDS) For Cybersecurity
AEFICS031
(AEFICS 2024)
Date of Conference - 17th May 2024 at Amity
University

Harsh singh (Unverified)

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02:49 PM
17-05-2024



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General

01:26:36

Pop out Chat People 18 Raise React View Rooms Apps More Camera Mic Share Leave

2T HS DK BC RT SG

23251D780... Dr Arvind K... Harsh sing... Dr. Anil Ku... Bijay Chettr... Rampratap Sin... View all

LOCALIZATION IN IMAGE

Participants

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In this meeting (18) Mute all

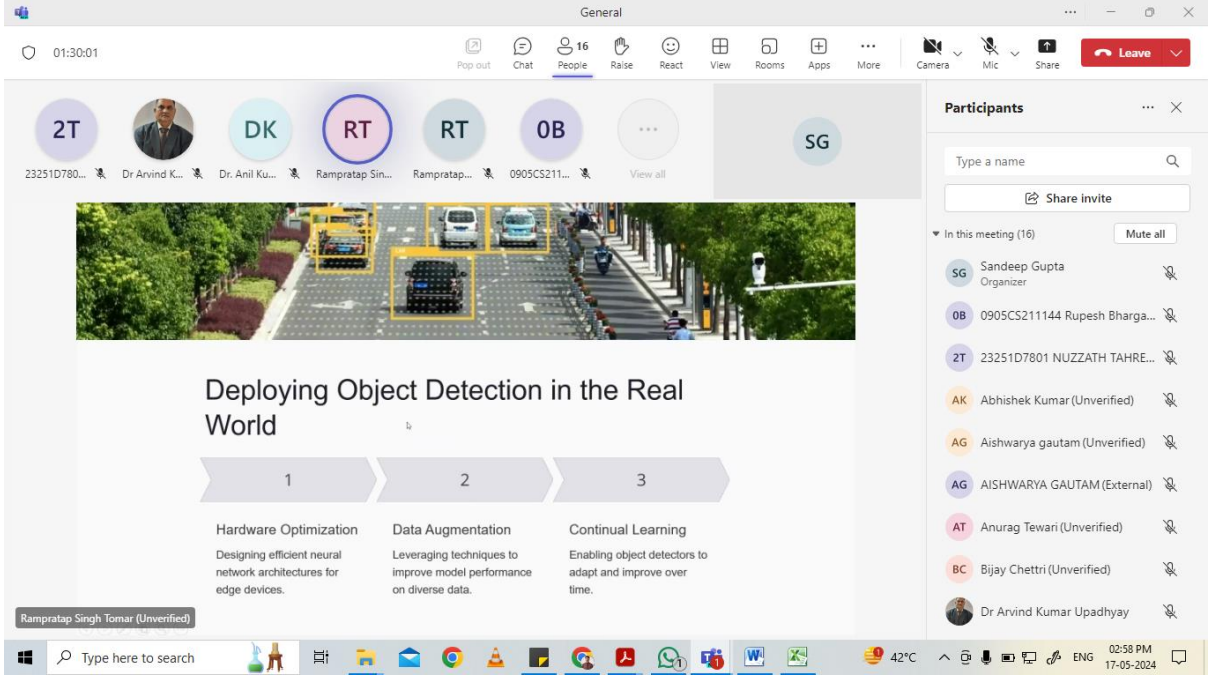
- SG Sandeep Gupta Organizer
- OB 0905CS211144 Rupesh Bharga...
- 2T 23251D7801 NUZZATH TAHRE...
- AK Abhishek Kumar (Unverified)
- AG Aishwarya gautam (Unverified)
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- AT Anurag Tewari (Unverified)
- BC Bijay Chettri (Unverified)
- Dr Arvind Kumar Upadhyay

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 Director-ASET
 Amity University Madhya Pradesh Gwalior



गाने ना

न आयुक्त ग्वालियर स्वास्थ्य विज्ञान के अभियान वालों के फेकने पर ना वसूल के दौरान निखिल, हे।

एमटी में एडवांसिंग इंजीनियरिंग फ्रंटियर्स इन्वोवेशंस, चैलेंजिस एंड सॉल्यूशंस आयोजित

नवभारत न्यूज़

ग्वालियर 20 मई. एमटी यूनिवर्सिटी मध्य प्रदेश में राष्ट्रीय सम्मेलन एडवांसिंग इंजीनियरिंग फ्रंटियर्स इन्वोवेशंस, चैलेंजिस एंड सॉल्यूशंस 2024 के शुभारंभ के अवसर पर एमटी विश्वविद्यालय मध्य प्रदेश के माननीय प्रो चांसलर ने इंजीनियरिंग और प्रौद्योगिकी के विभिन्न पहलुओं पर विचार व्यक्त करे और कंप्यूटर विज्ञान, आर्टिफिशियल इंटेलिजेंस, इलेक्ट्रॉनिक्स, सिविल और मैकेनिकल इंजीनियरिंग सहित इंजीनियरिंग के सभी क्षेत्रों में कुशल प्रणालियों के विकास में शामिल प्रमुख मुद्दों और चुनौतियों को भी रेखांकित किया। उन्होंने अपशिष्ट प्रबंधन, हरित और नवीकरणीय ऊर्जा, प्रदूषण रोकथाम और स्टार्टअप



पारिस्थितिकी तंत्र पर विस्तार से चर्चा की।

सम्मेलन को यूनिवर्सिटी ऑफ साउथम्प्टन, मलेशिया से डॉ राजेश यादव ने संबोधित किया। उन्होंने साइबर सुरक्षा के लिए उभरती चुनौतियों पर ध्यान केंद्रित किया। उन्होंने अपने संबोधन में 2024 में शीर्ष 15 साइबर खतरों, साइबर हमले के पीछे कौन होता है, भारत में साइबर अपराध के स्थान और साइबर सुरक्षा में सर्वोत्तम प्रथाओं

सहित विभिन्न विषयों को शामिल किया। इस मौके पर डॉ. हेमंत कुमार सोनी द्वारा सम्मेलन की प्रोसीडिंग्स रिपोर्ट प्रस्तुत की गई। ब्रोकलव यूनिवर्सिटी, पोलैंड से (डॉ.) यश चावला ने च्याई और मानवीय परिप्रेक्ष्य पर अपना व्याख्यान दिया। अपने व्याख्यान में उन्होंने मानव और तकनीकी मूल्यों में आर्टिफिशियल इंटेलिजेंस के महत्व और पर उपयोग विचार व्यक्त करे।

इस दौरान तीन समानांतर तकनीकी सत्र आयोजित किए गए जिनमें विभिन्न संस्थानों के छात्रों और शोधकर्ताओं ने नेटवर्क टेक्नोलॉजी, कंप्यूटर साइंस और मशीन लर्निंग के अनुप्रयोगों पर 25 मौखिक प्रस्तुतीकरण किए।

शिव इंस्टीट्यूट ऑफ एमिनेंस, दिल्ली के प्रो. बालमुर्गन बालुसामी ने एआई और ह्यूमन पर्सपेक्टिव में गहन शिक्षण तकनीक विषय पर मुख्य व्याख्यान दिया। उन्होंने हेल्थकेयर में आर्टिफिशियल इंटेलिजेंस पर व्याख्यात्मक चर्चा की। समानांतर तकनीकी सत्र में विभिन्न संस्थानों के छात्रों और शोधकर्ताओं द्वारा आर्टिफिशियल इंटेलिजेंस, इलेक्ट्रॉनिक्स इंजीनियरिंग में प्रगति और मैकेनिकल और सिविल इंजीनियरिंग में प्रगति पर 30 मौखिक प्रस्तुतीकरण किए गए।

समापन समारोह के अध्यक्ष प्रो- वाइस चांसलर प्रोफेसर (डॉ.) एमपी कौशिक (रिसर्च) ने सभी आमंत्रित प्रतिभागियों का आभार प्रकट किया और कहा कि सम्मेलन का आयोजन एक बड़ी सफलता रहा और इंजीनियरिंग के भविष्य के लिए महत्वपूर्ण दिशा प्रदान की। उन्होंने कहा कि इस सम्मेलन से प्राप्त ज्ञान का उपयोग इंजीनियरिंग को सीमाओं को आगे बढ़ाने और दुनिया की कुछ सबसे बड़ी चुनौतियों का समाधान मिलेगा।

सम्मेलन के को कन्वीनर डॉ विकास थदा ने सभी का आभार व्यक्त किया। सम्मेलन में भारत के विभिन्न संस्थानों और विश्वविद्यालयों से 100 से अधिक शोध पत्र प्राप्त हुए। इस अवसर पर फैकल्टी मेंबर्स और बड़ी संख्या में विद्यार्थी उपस्थित रहे।

सुनील गोयल

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Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

एमिटी में राष्ट्रीय सम्मेलन आयोजित

नगर संवाददाता ▶ ग्वालियर

एमिटी विवि द्वारा एडवांसिंग इंजीनियरिंग फ्रंटियर्स: इनोवेशंस, चैलेंजिस एंड सॉल्यूशंस विषय पर आयोजित किए जा रहे राष्ट्रीय सम्मेलन का शुभारम्भ सोमवार को संस्थान के प्रो चांसलर लेफ्टिनेंट जनरल वीके शर्मा ने किया। शुभारम्भ अवसर पर प्रो चांसलर श्री शर्मा ने इंजीनियरिंग और प्रौद्योगिकी के विभिन्न पहलुओं पर विचार व्यक्त किए और कंप्यूटर विज्ञान, आर्टिफिशियल इंटेलिजेंस, इलेक्ट्रॉनिक्स, सिविल व मैकेनिकल इंजीनियरिंग सहित इंजीनियरिंग के सभी क्षेत्रों में कुशल प्रणालियों के

विकास में शामिल प्रमुख मुद्दों व चुनौतियों को भी रेखांकित किया। वहीं सम्मेलन को यूनिवर्सिटी ऑफ साउथम्प्टन, मलेशिया से डॉ. राजेश यादव ने भी संबोधित किया। उन्होंने साइबर सुरक्षा के लिए उभरती चुनौतियों पर ध्यान केंद्रित किया। नोक्लव यूनिवर्सिटी, पोलैंड से डॉ. यश चावला ने एआई और मानवीय परिप्रेक्ष्य पर अपना व्याख्यान दिया। इस मौके पर डॉ. हेमंत कुमार सोनी द्वारा सम्मेलन की प्रोसीडिंग्स रिपोर्ट प्रस्तुत की गई। आभार समापन समारोह के अध्यक्ष प्रो- वाइस चांसलर प्रोफेसर डॉ. एमपी कौशिक ने व्यक्त किया।



Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior

एमिटी यूनिवर्सिटी में राष्ट्रीय सम्मेलन आयोजित

ग्वालियर। एमिटी यूनिवर्सिटी मध्य प्रदेश में राष्ट्रीय सम्मेलन एडवांसिंग इंजीनियरिंग फ्रंटियर्स इनोवेशंस, चैलेंजिस एंड सॉल्यूशंस 2024 के शुभारंभ पर एमिटी विश्वविद्यालय मप्र के प्रो. चांसलर ने इंजीनियरिंग और प्रौद्योगिकी के विभिन्न पहलुओं



पर विचार व्यक्त किए और कंप्यूटर विज्ञान, आर्टिफिशियल इंटेलिजेंस, इलेक्ट्रॉनिक्स, सिविल और मैकेनिकल इंजीनियरिंग सहित इंजीनियरिंग के सभी क्षेत्रों में कुशल प्रणालियों के विकास में शामिल प्रमुख मुद्दों और चुनौतियों को भी रेखांकित किया। सम्मेलन को यूनिवर्सिटी ऑफ साउथम्प्टन, मलेशिया से डॉ. राजेश यादव ने संबोधित किया। उन्होंने सायबर सुरक्षा के लिए उभरती चुनौतियों पर ध्यान केंद्रित किया। इस मौके पर डॉ. हेमंत कुमार सोनी द्वारा सम्मेलन की प्रोसीडिंग्स रिपोर्ट प्रस्तुत की गई। द्रोक्लव यूनिवर्सिटी, पोलैंड से डॉ. यश चावला ने एआई और मानवीय परिप्रेक्ष्य पर अपना व्याख्यान दिया। इस दौरान तीन समानांतर तकनीकी सत्र आयोजित किए गए जिनमें विभिन्न संस्थानों के छात्रों और शोधकर्ताओं ने नेटवर्क टेक्नोलॉजी, कंप्यूटर साइंस और मशीन लर्निंग के अनुप्रयोगों पर 25 मौखिक प्रस्तुतीकरण किए। शिव इंस्टीट्यूट ऑफ एमिनेंस, दिल्ली के प्रो. बालमुरुगन बालुसामी ने एआई और ह्यूमन पर्सपेक्टिव में गहन शिक्षण तकनीक विषय पर मुख्य व्याख्यान दिया। समापन समारोह के अध्यक्ष प्रो- वाइस चांसलर प्रोफेसर डॉ. एमपी कौशिक (रिसर्च) ने सभी आमंत्रित प्रतिभागियों का आभार प्रकट किया। कन्वीनर डॉ. विकास थढ़ा ने सभी का आभार व्यक्त किया। सम्मेलन में भारत के विभिन्न संस्थानों और विश्वविद्यालयों से 100 से अधिक शोध पत्र प्राप्त हुए।



Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



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B. Tech (Civil Engineering)

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S.NO	INSTITUTE/ SCHOOL	NAME OF ACTIVITY UNDER EXPERIENTIAL LEARNING (INDUSTRIAL VISIT, INTERNSHIP, DISSERTATION, FIELDWORK AND MILITARY TRAINING)	NAME OF ACTIVITY UNDER PARTICIPATIVE LEARNING/ PROBLEM SOLVING METHODOLOGIES (HANDS-ON WORKSHOP, CONFERENCES, SEMINAR AND INCLUSIVE LEARNING)	DATE OF ACTIVITY
1	ASET		TWO DAYS WORKSHOP ON IPR AND IP FOR START-UP	30 th April & 1 st May 2024



Kuneh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

Amity School of Engineering and Technology
Department of Civil Engineering
Report of “TWO DAYS WORKSHOP ON IPR AND IP FOR START-UP”



(under Institution's Innovation Council)

Particulars of workshop

Date:-30th April & 1st May 2024.

Timings:-11.15 AM to 1:10 PM and 2.15 PM to 4.15 PM

Venue:- Seminar Hall, Block A, AUMP.

Participation:-Totally **95 Students** were attended for this programme.

Day 1 (30.04.2024):

- a) Intellectual Property laws & its Practices By Ms Shubhangi Gupta (Associate professor, ALS)
- b) Intellectual Property Rights, Innovation and Development, By Dr. Vivek Jaglan (Director ASET)

Day 2 (01.05.2024):

- a) Intellectual Property Rights Policy Management (IPRPM) framework, By Dr. Vartika Saxena (Associate professor, ALS)
- b) Start-up in India, By Dr. Vimal Gupta (HOD Civil)

Department of Civil Engineering, Amity School of Engineering and Technology, AUMP, Gwalior, organized **Two days workshop on “Intellectual Property Rights (IPRs) and IP management for Start-up”** under IIC Activity under the supervision of Prof. (Dr.) Vivek Jaglan (HoI ASET), on 30th April & 1st May 2024.

The objective of this workshop was to promote Intellectual Property awareness among faculties, research scholars, students and to encourage research and own startups in the emerging arena of Intellectual property.




Director-ASET
Amity University Madhya Pradesh Gwalior

Students from various Institutions Amity Business School(ABS), Amity school of social science, (ASSS), Amity School of Bio-technology (AIB), Amity School of Engineering and Technology (ASET), Amity School of Pharmacy (AIP), participated for understanding the IPR and IP in startups practices

Dr. Vivek Jaglan and Dr. Vimal Gupta Inaugrated the workshop.

The Day 1 session was moderated by Dr. P. Mahakavi, Associate Professor, Department of Civil Engineering, Welcome address was given by Dr. Vimal Kumar Gupta, Head of the Department (Civil), ASET. He has initiated the session by extending formal welcome to all participants and speakers.

the first session started with Ms. Shubhangi Gupta, ALS, AUMP, who gave the detail idea of IPR and discussed its need. This session continued from 11:15 AM to 01:10PM. The II session from 2.15 PM to 4.15PM. was taken by Prof. (Dr.) Vivek Jaglan, (Director, ASET). He detailed the procedure of filing patent applications. Second day.The third session started from 11:15 AM to 01:10PM. Dr. Vartika Saxena, ALS, AUMP handled the session. Vartika Saxena discussed the trademark and its importance. On day 2 secondsession was taken by Dr. Vimal Kumar Gupta, HOD (Civil Engineering), ASET, AUMP from 2.15 PM to 4.15PM. Dr. Gupta discussed about startups in India and how students can start their own startup. Dr. Mohan Kantharia Associate Prof/Civil, ASET extended Vote of thanks to all the speakers and participants for making the event a grand success.



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Dr P Mahakavi Coordinating the workshop



Ms Shubhangi Gupta (Speaker Ist session)



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Dr. Vivek Jaglan, Director ASET (Speaker II session)



Dr. Vartika Saxena (Speaker III session)



Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Dr. Vimal Gupta (Speaker IV session)



Dr. Mohan Kantharia (Vote of Thanks)



Kush Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Faculty Coordinator participation



Students in the workshop



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

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AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY, GWALIOR
Department of Civil Engineering
ORGANIZES
TWO DAYS' WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRS) AND IP MANAGEMENT FOR START-UP

30th April, 2024 & 1st May, 2024
FN Session: 11.15 AM to 1:10 PM
AN Session: 2.15 PM to 4.15 PM
Venue: Seminar Hall of Block - A

RESOURCES PERSONS

- Prof. (Dr.) Vivek Jaglan, Director, ASET, AUMP
- Dr. Shubhangi Gupta, Assistant Prof., ALS, AUMP
- Dr. Vartika Saxena, Assistant Prof., ALS, AUMP
- Dr. Vimal Kumar Gupta, HOD (Civil Engineering), ASET, AUMP

FACULTY COORDINATORS:

- Dr. Mohan Kantharia, Associate Prof., Civi - 93401 00353
- Dr. P. Mahakavi, Associate Prof., Civil - 97902 53447

Amity University, Gwalior
30 April at 11:35

Join us for a two-day workshop on Intellectual Property Rights (IPRs) and IP Management for Start-ups, organized by the Department of Civil Engineering, Amity School of Engineering and Technology, Gwalior.

Don't miss this opportunity to learn, innovate, and protect your ideas!

#AmityHappenings
#AmityUniversityMadhyaPradesh #IPR
#Innovation #Startups #AmityEngineering

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Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior

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Join us for a two-day workshop on Intellectual Property Rights (IPRs) and IP Management for Start-ups, organized by the Department of Civil Engineering, #AmityUniversityMadhyaPradesh.

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AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY GWALIOR
Department of Civil Engineering
ORGANIZES

TWO DAYS' WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRs) AND IP MANAGEMENT FOR START-UP

30th April, 2024 & 1st May, 2024
FN Sessions: 11:15 AM to 1:10 PM
AN Sessions: 2:15 PM to 4:15 PM
Venue: Seminar Hall of Block - A

ORGANIZERS:
• Prof. (Dr.) Vivek Jaglan, Director, ASET, AUMIP
• Dr. Shubhangy Gupta, Assistant Prof., ALE, AUMIP
• Dr. Virendra Saini, Assistant Prof., ALE, AUMIP
• Dr. Vinay Kumar Gupta, HOD (Civil Engineering), ASET, AUMIP

FACULTY COORDINATORS:
• Dr. Neha Khatwani, Associate Prof., Cit., 93481 20353
• Dr. P. Mahakavi, Associate Prof., Civil - 97602 53447

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AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY GWALIOR
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1,001-5,000 employees

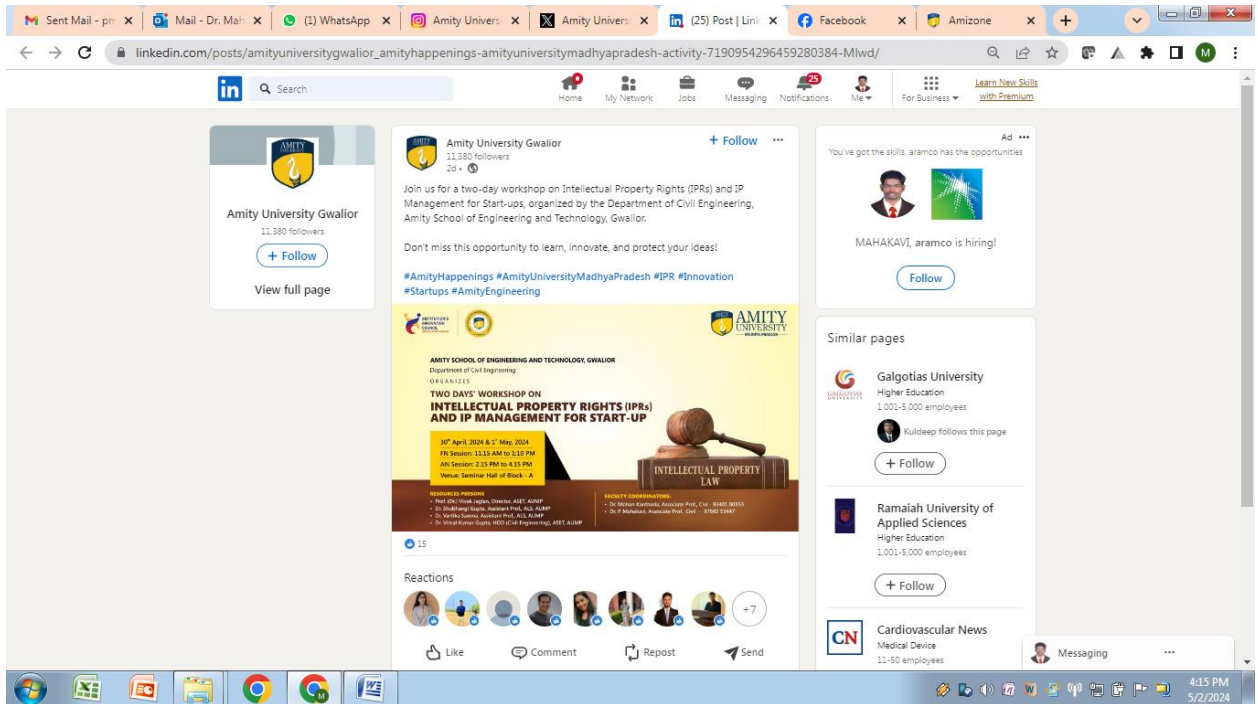
+ Follow

Cardiovascular News
Medical Device
11-50 employees

4:17 PM 5/2/2024



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Director-ASET
Amity University Madhya Pradesh Gwalior



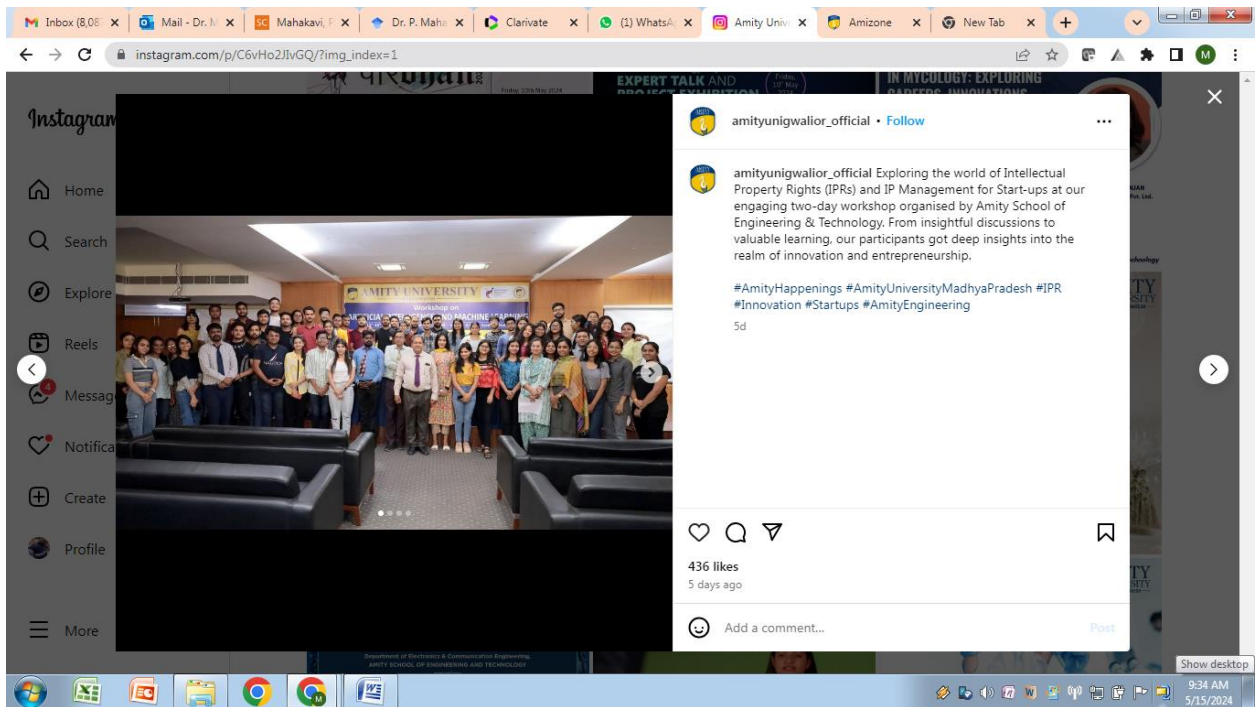
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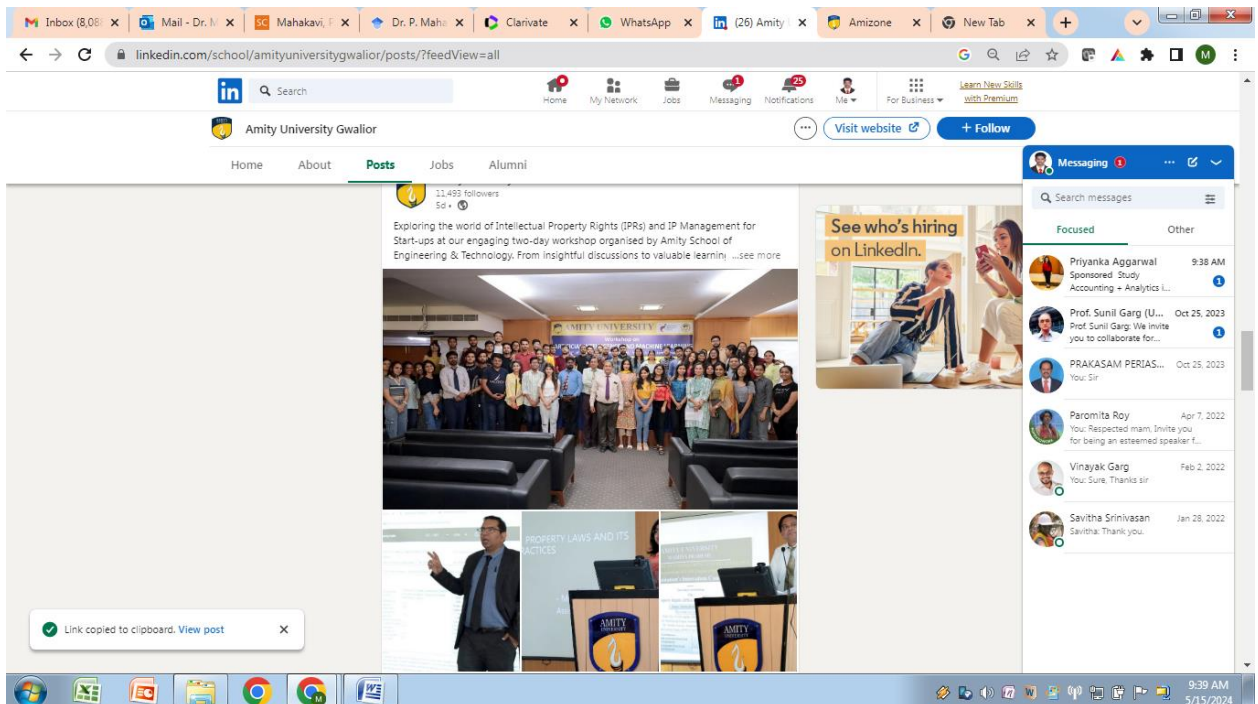


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Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY, GWALIOR

Department of Civil Engineering

ORGANIZES

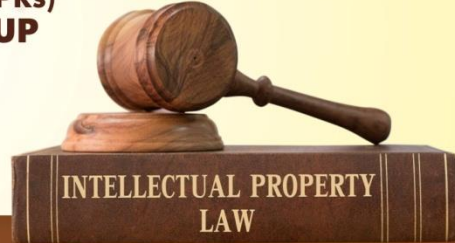
TWO DAYS' WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRs) AND IP MANAGEMENT FOR START-UP

30th April, 2024 & 1st May, 2024

FN Session: 11.15 AM to 1:10 PM

AN Session: 2.15 PM to 4.15 PM

Venue: Seminar Hall of Block - A



RESOURCES PERSONS

- Prof. (Dr.) Vivek Jaglan, Director, ASET, AUMP
- Dr. Shubhangi Gupta, Assistant Prof., ALS, AUMP
- Dr. Vartika Saxena, Assistant Prof., ALS, AUMP
- Dr. Vimal Kumar Gupta, HOD (Civil Engineering), ASET, AUMP

FACULTY COORDINATORS:

- Dr. Mohan Kantharia, Associate Prof., Civi - 93401 00353
- Dr. P. Mahakavi, Associate Prof., Civil - 97902 53447

Sample Certificates

 **AMITY UNIVERSITY MADHYA PRADESH**
AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY
&
Institution's Innovation Council
Organized

 Two days Workshop on "Intellectual Property Rights (IPRs) and IP management for Start-up"

Certificate of Participation

Dr. Aanchi Mundra

participated in two days, workshop on "Intellectual Property Rights (IPRs) and IP management for Start-up" under IIC Activity during 30th April & 01st May 2024, organized by Department of Civil Engineering, ASET, AUMP.

 **Dr. P. Mahakavi**
Co - Coordinator

 **Dr. Mohan Kantharia**
Coordinator

 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of HRD Initiative)

 **Dr. Vimal Kumar Gupta**
HoD/Civil, ASET

 **Prof. (Dr.) Vivek Jaglan**
Director, ASET

 **AMITY UNIVERSITY MADHYA PRADESH**
AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY
&
Institution's Innovation Council
Organized

 Two days Workshop on "Intellectual Property Rights (IPRs) and IP management for Start-up"

Certificate of Appreciation

Dr. Mohan Kantharia

for conducting two days, workshop on "Intellectual Property Rights (IPRs) and IP management for Start-up" under IIC Activity during 30th April & 01st May 2024, organized by Department of Civil Engineering, ASET, AUMP.

 **Dr. Vimal Kumar Gupta**
HoD/Civil, ASET

 **INSTITUTION'S INNOVATION COUNCIL**
(Ministry of HRD Initiative)

 **Prof. (Dr.) Vivek Jaglan**
Director, ASET




Director-ASET
Amity University Madhya Pradesh Gwalior

Participants list

Sl. No	Name of faculty	Designation
1	Dr. Pooja Jain	Associate Professor
2	Dr. Arun Mishra	Associate Professor
Sl No	Name of the Students	Program & Sem
1	ABHINAY CHANDORIYA	MBA II - A
2	ABHISHEK KUMAR	MBA II - A
3	ABHISHEK TOMAR	MBA II - A
4	ADITI JHA	MBA II - A
5	ADITYA SINHA	MBA II - A
6	AMAN JAIN	MBA II - A
7	AMAN SINGH BAIS	MBA II - A
8	Ananyaa Gupta/ Shubhi	MBA II - A
9	ANKIT SINGH BHADORIYA	MBA II - A
10	ARUN PARMAR	MBA II - A
11	AYUSH CHAUDHARY	MBA II - A
12	BHUMIKA CHAUHAN	MBA II - A
13	BRIJMOHAN SHARMA	MBA II - A
14	GAURAV SHARMA	MBA II - A
15	GAUTAM SHARMA	MBA II - A
16	JOYTI KUMARI	MBA II - A
17	KRISHNA GOYAL	MBA II - A
18	KRISHNA RIZWANI	MBA II - A
19	MOHIT SAVITA	MBA II - A
20	MONU SHARMA	MBA II - A
21	NIDHI	MBA II - A
22	PALLAVI MOGHE	MBA II - A
23	PRASOON SINGH TOMOR	MBA II - A
24	PRATIKSHA BHADORIYA	MBA II - A
25	PRAVEEN SINGH	MBA II - A
26	PURVI GUPTA	MBA II - A
27	RAVINA KALRA	MBA II - A
28	SHASHANK SHEKHAR SINGH	MBA II - A
29	SHREYA BHADAURIA	MBA II - A
30	SHUBHI SENGAR	MBA II - A
31	AYUSH BHADORIYA	MBA II - A

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr. Raman Singh	Associate Professor	8894398249




 Director-ASET
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2	Dr. Anurag Jyoti	Associate Professor	7898805402
SI No	Name of the Students	Program & Sem	Mobile Number
1	Ms GAURANGI BHADOURIYA	M.Sc (BioTech)	9407208164
2	Ms TANYA TOMAR	M.Sc (BioTech)	7470398355
3	Ms PARUL SINGH	M.Sc (BioTech)	9131855462
4	Ms ANKITA MISHRA	M.Sc (BioTech)	8171915966
5	Ms ANUBHA NEMA	M.Sc (BioTech)	9755513989
6	Ms MANSI PANDEY	M.Sc (BioTech)	7024947002
7	Ms DIVYA SACHAN	M.Sc (BioTech)	6261463206
8	Ms PURNIMA CHAUHAN	M.Sc (BioTech)	7225985999
9	Ms CHHAVI SHARMA	M.Sc (BioTech)	7224989804
10	Anushka Mishra	M.Sc Dual Degree (Biotechnology)	9140873371
11	Eby Joy	M.Sc Dual Degree (Biotechnology)	9747002760
12	Manav Pandey	M.Sc. Dual Degree (Biotechnology)	9336250849

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr.Shubhagata Awasthi	Assistant Professor	8989281978
SI No	Name of the Students	Program & Sem	Mobile Number
1	Nitya Sahu	BA Applied Psychology	8839693563
2	Jagruti Patel	BSC clinical psychology	8630588466
3	Anjali Singh	B.Sc Clinical Psychology	9302455717
4	Shruti Nayak	B.A. (App) Psychology	9302455717
5	Aaleya Hassan	B.Sc Clinical Psychology	9831128895

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr. Amit Verma	Ass. Professor	8989154913
2	Dr. Rajeev Sharma	Ass. Professor	9074502570
SI No	Name of the Students	Program & Sem	Mobile Number
1	Shivam Singh Chauhan	B. Pharm. 8th	8085409772
2	Ayushi Chhabra	B. Pharm. 8th	7828350115
3	Achlesh Tiwari	B. Pharm. 8th	7987467497



Vivek Jaglan

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4	Abhay Sharma	B. Pharm. 8th	8273733470
5	Deshdeepak	B. Pharm. 8th	7906101424
6	Bhuvnesh Yadav	B. Pharm. 8th	7067899745
7	Kajal Bhadouriya	B. Pharm. 8th	9131194325
8	Yogesh Tomar	B. Pharm. 8th	8770152435
9	Shivani Gupta	B. Pharm. 8th	6262983360
10	Tanishka Khandewaal	B. Pharm. 8th	9977928179
11	Adarsh Jian	B. Pharm. 8th	7230895956
12	Anshika Bhatnagar	B. Pharm. 8th	9368880700
13	Harendra Singh	B. Pharm. 8th	6376286965
14	Pranjal Mishra	B. Pharm. 8th	8787265788
15	Gaurav Tiwari	B. Pharm. 8th	8839238072
16	Vridhi Kumari	B. Pharm. 8th	7858924823
17	Samiksha	B. Pharm. 8th	6394401724
18	Anukriti Mishra	B. Pharm. 8th	9525560936
19	Himanshu Gupta	B. Pharm. 8th	6398854188
20	Prakhar Singh	B. Pharm. 8th	9511157004

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr. Aanehi Mundra	Assistant Professor	7838984779
Sl No	Name of the Students	Program & Sem	Mobile Number
1	KAJAL YADAV	IV	7225878236
2	ANSHIKA NORKAY	IV	9027332056
3	SAHIL KHAN	IV	8982869217
4	LALIT SINGH	IV	9521595664
5	VAIBHAVI DUBEY	VI	7697834386

Sl. No	Name of faculty	Designation	Mobile Number
1	Vishal Kumar	Training Specialist	8860179665
Sl No	Name of the Students	Program & Sem	Mobile Number
1	Ms Shruti Roy	VI th Sem	9997928706
2	Ms Anshika Singh Tomary	VI th Sem	9755098754
3	Ms Kriti Sharma	VI th Sem	7470502744
4	Ms Nisha Bhagel	VI th Sem	6269677948
5	Ms Anjani Chaudhary	VI th Sem	8383092979
6	Eshika Debnath	B. Dec 4th Sem	9362740940



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7	Sneha Pandey	B. Dec 4th Sem	9045595237
8	Akdhita Agarwal	B. Dec 4th Sem	8887826922
9	Shivani Bansal	B. Dec 4th Sem	6232125999
10	Ritika Kukreja	B. Dec 4th Sem	9893692636

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr. Siddharth Sharma	Assistant Professor	810388461
Sl No	Name of the Students	Program & Sem	Mobile Number
1	Mr. Vikas Tiwari	MAJMC II Sem	7396282051
2	Mr. Rishu Soni	MAJMC II Sem	6377274613
3	Ms. Chahak Dixit	MAJMC II Sem	7470739640
4	Mr. Yuvraj Singh	MAJMC II Sem	7477007007
5	Mr. Rishab Sharma	MAJMC II Sem	9981083090
6	Ms. Niangi Dixit	MAJMC II Sem	7987380637

Sl. No	Name of faculty	Designation	Mobile Number
1	Dr Nidhi Shukla	Assistant Professor	8707548341
Sl No	Name of the Students	Program & Sem	Mobile Number
1	Manglam Soni	SRF & Ph.D Student	7089272458



Kaveh Jaglan
 Director-ASET
 Amity University Madhya Pradesh Gwalior

Amity School of Engineering & Technology and ECE

Year	Name of the workshop/ seminar	Number of Participants	Date From - To
2023	Hands on Learning and Performance Analysis of Wireless Communication System using MATLAB	29	21/09/2023
2023	Poster making competition during Innovation week	123	27/09/2023
2023	Industrial Visit at Crompton Greaves power and industrial solutions , Gwalior	28	20/10/2023
2024	Poster/Painting/Collage making competition on Role of Creativity and Innovation	38	19/04/2024
2024	High Performance Computing (HPC) & Industrial Computer Aided Engineering (CAE)	220	9/5/2024



21 September 2023 (Thursday)

Workshop on “Hands on Learning and Performance Analysis of Wireless Communication System using MATLAB”

Department of Electronics & Communication Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized a Workshop on “Hands on Learning and Performance Analysis of Wireless Communication System using MATLAB” on 21th September 2023 from 2:00 pm to 5:15 pm. The resource persons for the workshop was **Dr. Priyank Sharma, Assistant Professor, Department of Electronics and Communication Engineering, Central University of Jammu.** Opening Remarks of the session was given by the Prof. (Dr.) Vivek Jaglan, Director, ASET. Dr. Priyank Sharma suggested the different applications of Wireless Communication in various modern industries to the students the domains in which they should excel to get the higher package job in industry. This Workshop was aimed to provide knowledge on different Wireless Propagation Mechanism, Multipath Propagation and Interference due to superposition of the signals. He also suggested for performance analysis, need to develop a model, Narrowband Signal Transmission, Narrowband Signal Model, Performance measuring parameters like Bit Error Rate, Outage Probability and Sum-rate, Binary Phase Shift Keying (BPSK) Modulation, Wireline channel, Wireless System Model and Performance Evaluation using MATLAB Software and design and implementation of different electronics and software projects using Wireless Communication devices, and how they are significant for modern industries to enhance the knowledge of students and faculty members. Wireless Communication has served as a big change agent in different aspect of society and industries. It has proven game changer in resolving economic and social issues. Advancement and applications of it are ever changing. Total **29 participants** attended the event which included 20 students along with the 9 faculty members.

The Workshop was organized with an objective to design and implementation of different electronics and software projects to meet the learning objectives on Performance Analysis of Wireless Communication System using MATLAB, and how they are significant for modern industries to enhance the knowledge of students and faculty members. It also aimed to update the participants about the Implementation of Electronic and software projects in the field of Wireless Communication System that enables computers and systems to derive meaningful information from Wireless Communication and development of smart advanced Communication devices. The talk was followed by question answer session. The event was supported by Prof. (Dr.) Vivek Jaglan, Director ASET and Prof. (Dr.) Raghavendra Sharma, Professor & Head, Department of Electronics & Communication Engineering. This hands-on training was appreciated by all the participants.

Concluding remarks and vote of thanks was given by Prof.(Dr.) Raghavendra Sharma, Professor & Head, Department of Electronics & Communication Engineering. The event was Coordinated by Dr.

Rinkoo Bhatia, Assistant Professor (ECE) and Prof. (Dr.) Vivek Singh Kushwah, Professor, Electronics & Communication Engineering.





Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



AMITY UNIVERSITY

MADHYA PRADESH

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Amity School of Engineering & Technology, Amity University Madhya Pradesh organized a Poster making competition during Innovation week – 2023 on “Mobile Addiction – Use and Abuse” on 27th September 2023.

Preface

Department of Electronics & Communication Engineering and Civil Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized a poster making competition during Innovation week- 2023 on “Mobile Addiction – Use and Abuse” on 27th September 2023 from 9:30 am to 1:00 pm. The competition was organized in C-block Room no: - 106(A&B), 107, 108. The objective of selecting the topic for the poster competition was abundance use of mobile phones by students nowadays, which is having an adverse effect on their personality and health. The participants were enthusiastic and showed their creativity and intellect by making wonderful posters with unique quotes. Such competitions make students innovative.

Registrations and Participation.

Approximately 140 teams from various branches of all the schools /Departments of university registered for the event and 123 teams participated in the event. Each team had two members.

Session 9:30 AM to 1:00 PM

The competition was coordinated by Dr. Rinkoo Bhatia, Assistant Professor, Department of Electronics & Communication Engineering, and Dr. Mohan Kantaria, Assistant Professor, Department of Civil Engineering, they initiated the competition by extending formal welcome to all the participants. The participants were given 3 hours to present their ideas and talent. The judges for the competition were Dr Iti RoyChowdhary, Dy Dean Student Affairs and Director ASL, Dr Vivek Jaglan, Director ASET, Dr Mohanalaxmi, Director, AIP, and Dr L K Jain, Director, ASAP. They appreciated the posters made by the participants.

The winners are The First prize was won by Saloni Ojha and Muskan Mangal from ASET – CSE (5th Sem), the Second prize was won by Anshul Rajput and Sanjana Kushwah from ASET – IT(1st Sem), the Third prize won by Uday Pratap and Gourav Singh from ASET- CSE(3rd Sem) consolation for Bikash Nath and Nupur Tiwari From BTech CSE(5th Sem), Anchal Sikarwar and Ronak Pachauri from ABS – B.com(1st Sem). Head of the Departments of ECE , Prof(Dr) Raghavendra Sharma and Civil Engineering, Dr Vimal Gupta were also present to motivate the students.





Vivek Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



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20 October 2023 (Friday)

IIC Activity

Industrial Visit at Crompton Greaves power and industrial solutions , Gwalior: Department of Electronics & Communication Engineering of Amity School of Engineering & Technology, Amity University Madhya Pradesh, organized an Industrial Visit to CG power and industrial solutions limited, Malanpur, Gwalior on 20th October'2023. The Industrial Visit constituted a great opportunity for the students to understand the role of Transformers in Railways and Indian Metro station which are essential requirements for career development. During the visit the Senior manager in marketing and his team explained the core concepts of the domain knowledge and practically demonstrated the Manufacturing and working of various types of transformer at different voltages. This interaction created better learning opportunity for students and University professors to understand the Industry developments and practical needs.

Students got to know about Different types of transformer which have various applications at various places. The students were addressed by **Senior manager in marketing , Mr. Lav Kushwah**. He explained about various parts of a transformer and the steps which are included in the manufacturing of a transformer . He also explained the different types of windings made at different types of machine for different voltages according to the requirements. The assembly and the tanking part and the most important testing of a transformer before dispatching. The different applications of transformer they explained were Power generation: Transformers are used in power plants to increase the voltage of the electricity generated by the plant before it is sent to the grid. Transmission and distribution: Transformers are used in the transmission and distribution of electricity to increase or decrease the voltage of electricity as it is sent from power plants to homes and businesses. Lighting: Transformers are used in lighting systems to decrease the voltage of electricity before it is sent to light bulbs. Audio systems: Transformers are used in audio systems to increase or decrease the voltage of electricity before it is sent to speakers. Electronic equipment: Transformers are used in a variety of electronic devices, including computers, TVs, radios, and cell phones.

The students learnt about the career development path also. They also learnt about the skill requirements by Industry for successful career path. The students were happy and very excited during the visit. They got satisfactory answers to their questions from the Senior Manager of the company. Visit may also be beneficial for further training of our students.

The Visit was coordinated by Dr. Rinkoo Bhatia, Assistant Professor, Dept. of ECE. Other Faculty of the department, Dr Narendra Kumar Garg, Dr. Vivek Singh Kushwah also visited along with the students.



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



AMITY UNIVERSITY

MADHYA PRADESH

(Established by Ritmand Balved Education Foundation)

Amity School of Engineering & Technology, Institution's Innovation Council, Amity University Madhya Pradesh organized a Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development on 19 April 2024

Preface

Department of ECE(ASET) In collaboration with Institution's Innovation Council has organised a Poster/Painting/Collage making competition on Role of Creativity and Innovations in providing Innovative solutions for Human Development on 19.04.2024 from 10:00 AM onwards through offline mode in Room No. 107A, C block. The poster making competition began with the welcoming speech of Prof. (Dr.) Raghvendra Sharma, HOD-ECE followed by Dr. Rinkoo Bhatia, Associate Professor, who set the theme of the poster making competition on 'role of creativity and innovation in providing innovative solutions for human development '.

Faculty members of the department highlighted the importance of Innovations in human development. As we know, the rapid growth in the field of Electronics and Communication Engineering towards new inventions will make human life easier. Every participant has their creative and different perspectives towards innovation and human development. Some participants designed the poster related to entrepreneurship as they have an opinion that entrepreneurship plays a crucial role in human development while others think that human development relies on software.

Additionally, participants were encouraged to actively engage in discussions and share their insights throughout the competition. All the participants enjoyed the event as they got to know each other's views on human development and enhance their artistic skills through the posters.

Registrations and Participation.

Approximately 40 students from various branches of all the schools /Departments of university registered for the event from which top three posters were selected.

Session 10:00 AM to 12:00 Noon

The competition was coordinated by Dr. Rinkoo Bhatia, Associate Professor, Department of Electronics & Communication Engineering, the poster making competition began with the welcoming speech of Prof. (Dr.) Raghvendra Sharma, HOD-ECE followed by Dr. Rinkoo Bhatia, Associate Professor, they initiated the competition by extending formal welcome to all the participants. The participants were given 2 hours to present their ideas and talent.

The winners are The First prize was won by Bikas Nath, B. Tech (CSE)-VI Sem, the Second prize was won by Bharti Pal, Nupur Tiwari & Shruti Garg, B. Tech (ECE)-VI Sem, the Third prize won by Ishleen Kaur & Yash Raj Chauhan, B. Tech (ECE)-IV Sem

Head of the Departments of ECE, Prof (Dr) Raghavendra Sharma and ECE faculty members were also present to motivate the students.





Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



AMITY UNIVERSITY

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Department of Electronics & Communication Engineering, Amity School of Engineering & Technology, Amity University Madhya Pradesh organized a Creative Workshop titled “High Performance Computing (HPC) & Industrial Computer Aided Engineering (CAE) on 09th May 2024

Preface

Department of Electronics & Communication Engineering of Amity School of Engineering and Technology, Amity University Madhya Pradesh Gwalior organized Creative Workshop on “High Performance Computing (HPC) & Industrial Computer Aided Engineering (CAE) “on 09th May 2024 from 11:30 am to 1:15 pm in offline mode in seminar Hall Block-A. The talk was delivered by eminent speaker **Mr. Bharat Raj Agrawal**, working as Lead R&D Engineer at Ansys, USA. The objective of the workshop was to provide an overview of High-Performance Computing (HPC) and its applications in Industrial Computer Aided Engineering (CAE) and how HPC are significant for modern industries and updated the participants about HPC for the development of modern advanced devices. The online live demonstration of HPC was shown by **Mr. Bharat Raj Agrawal** to all the participant. The workshop emphasized on the Potential thrust areas like HPC, different forms of HPC, four-core form of HPC i.e., Independent Parallelism, Distributed, memory MPI, Shared memory, Open MP, Fine grain, Open ACC etc.

Registrations and Participation.

Approximately 220 participants including faculty members from various disciplines of ASET registered and attended the event in offline mode.

Session 11:30 AM to 1:15 PM

The session was moderated by Ms. Shravani Vaidhya , Student Department of Computer Science & Engineering. She initiated the session by extending formal welcome to all the participants, speaker **Mr. Bharat Raj Agrawal**, HOD-ECE Dr. Raghvendra Sharma, Dr. Rinkoo Bhatia Coordinator of the event and faculty members by giving introduction of speaker to the participants.

Opening Remarks of the session was given by the Dr. Raghvendra Sharma. He explained the basic concepts of HPC and need of HPC for various practical applications in modern industry. **Mr. Bharat Raj Agrawal** initiated his session with the brief introduction to high performance computing which includes the definition, different forms of HPC, benefits and resources. He further elaborated about it with the help of some case studies like on RJM international, Saudi Aramco, Peloton, Emirates team New Zealand and many more.

He also explained with the help of online demo videos on HPC to understand specifically about its mechanical and hardware part. He also said that “High performance computing is a benchmark for hardware and software”. He further emphasized on how High-Performance Computing (HPC) is related to Industrial Computer Aided Engineering (CAE) by starting to explain what CAE is.

Mr. Bharat also explained the different consideration of software and hardware and the four-core form of HPC i.e., Independent Parallelism, Distributed, memory MPI, Shared memory, Open MP, Fine grain, Open ACC. He stated that the infrastructure evolution of HPC at Ansys (which is the engineering stimulation software. At the end, he concluded his presentation by showing some more demonstrations on High performance computing to understand better.

The workshop was followed by question answer session which was well taken up by the speaker. The summary of event was presented by **Dr. Rinkoo Bhatia**, Associate Professor, Department of Electronics & Communication Engineering. The Vote of Thanks was delivered by **Prof (Dr.) Raghavendra Sharma**, Professor & Head, Department of Electronics & Communication Engineering. The event was supported by the faculty members of ECE department Dr. Narendra Kumar Garg, Dr. Shally Goyal & Dr. Ajay Kumar Dadoria. The Workshop was well appreciated by all the participants.

Glimpses of the event:











Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



AMITY UNIVERSITY

MADHYA PRADESH

Established vide Government of Madhya Pradesh Act No. 27 of 2010

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

B. Tech (Mechanical Engineering)

2.3.1. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

S.NO	INSTITUTE/ SCHOOL	NAME OF ACTIVITY UNDER EXPERIENTIAL LEARNING (INDUSTRIAL VISIT, INTERNSHIP, DISSERTATION, FIELDWORK AND MILITARY TRAINING)	NAME OF ACTIVITY UNDER PARTICIPATIVE LEARNING/ PROBLEM SOLVING METHODOLOGIES (HANDS-ON WORKSHOP, CONFERENCES, SEMINAR AND INCLUSIVE LEARNING)	DATE OF ACTIVITY
1	ASET	Industrial Visit to Jamna Auto Industries	-	23-05-2023
2	ASET	-	Expert Talk & Project Exhibition on "National Technology Day"	10-05-2024
3	ASET	-	Ideathon	14-08-2024



Kuneh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Amity School of Engineering and Technology

REPORT ON INDUSTRIAL VISIT

Particulars of the visit

Date: - 23/05/2023
Time: - 11:00 AM to 2:00 PM
Site of visit: - Jamna Auto Pvt.Ltd.(JAI), Malanpur
Attendees of visit: - B. Tech. students (ME VI and IV) with Mr. Nagendra Sharma, Assistant Professor ME and Dr. Manvandra Singh Assistant professor ME under the guidance of Dr. Nasir Khan, Assistant Professor, ME, ASET, AUMP.

Activities performed during the visit

A visit of the Jamna Auto Pvt. Ltd., Malanpur has been conducted for mechanical engineering students on 23rd May 2023. Jamna Auto Pvt. Ltd., Malanpur has started its activities from 1991 in the Malanpur, Madhya Pradesh with Multi-Leaf Plant. The production of parabolic line started in 2002. Today Jamna Auto is the leading manufacturer of leaf spring (Conventional and Parabolic). Jamna Auto Industries Limited has 10 plants all over India, manufacturing high quality suspension systems. The plants comprise state-of-the-art machinery and advanced technologies. All the plants are ISO certified, adhere to international safety standards, and are strategically located in close proximity to OEMs. JAI has been awarded TPM category A award from Japan Institute of Plant Maintenance for its Jamshedpur, Yamuna Nagar, and Malanpur plant.

During the JAI visit, all the mechanical students and Faculties visited the area of Tooling, Precision Machining by Robotics arm, Heat Treatment, Testing and quality control for Materials and products, Pre and Post-delivery inspection (PDI) etc. Students noted the important points and asked various questions about the different machine tools and others available machines to understand the basic principle and concept of their functioning.

Outcome of the visit

The outcomes of the visit are as follows:

- The students have seen various automated and non-automated machine tools its working processes in details.



Navek Jaglan
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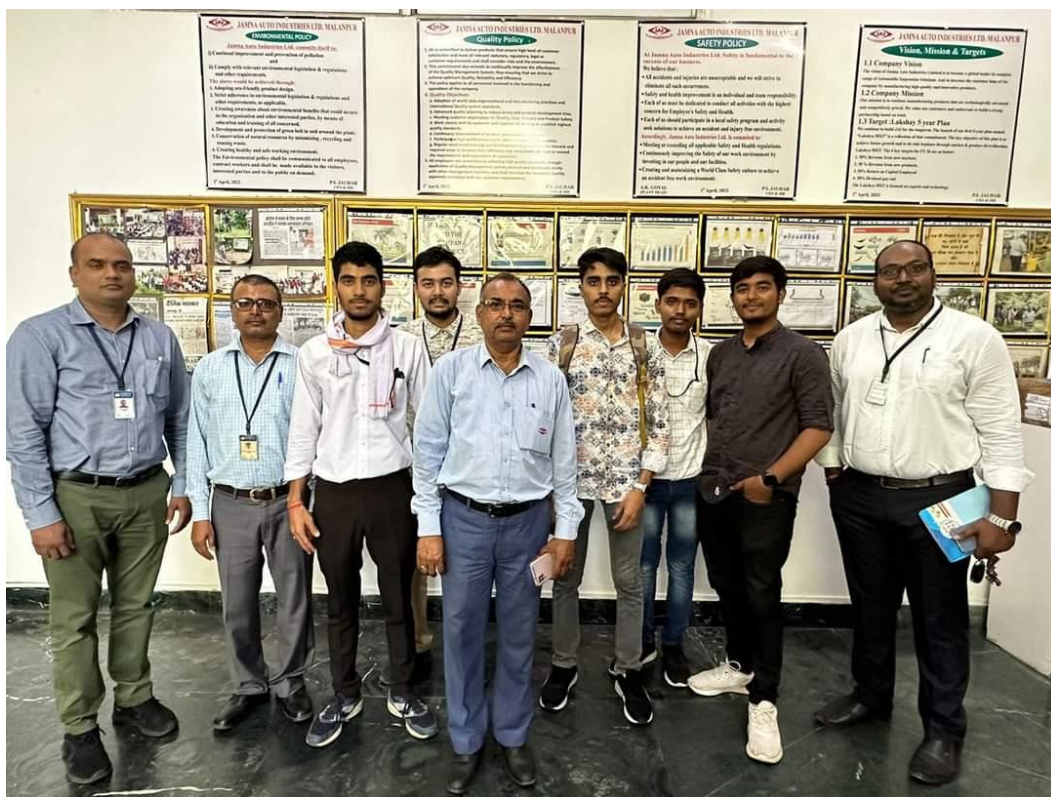
- Students learned about the functioning of Robotic arm, lathe machine, milling machine etc.
- The students came to know how the heat treatment works.
- The functioning of CNC machine was understood by the students and they have learned about various operations to be performed by CNC as well.
- Last but not least, students have seen the various testing or characterization machine for measuring the different properties (such as density, opacity, dielectric, tensile, compressive, hardness, compositional details, etc) of product developed by various operations.

Some photographs of the visit are enclosed with this report.

Acknowledgement

We are thankful to Dr. Anshul Gangele, HoD ME, HoI ASET, and Administration Department of AUMP for arranging the industrial visit and also to the manager in-charge of the JAI for providing required information at the institute.

Photographs of the visit:



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



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Kaveh Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



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Institute's Innovation Council

Report of Event/Activity: Expert Talk and Project Exhibition

Name of Event/Activity:	Expert Talk and Project Exhibition: National Technology Day
Date:	10/05/2024
Venue:	Seminar Hall and Room No. 119, Block A (ASET)
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Department of Mechanical Engineering (ASET)
Co-ordinator:	Dr. Nasir Khan , Mr. Nagendra Sharma, Dr. Ashish Pareta
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Seminar & Competition
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	College
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	N/A
Resource Person Details:	Prof. (Dr.) Vikas Thada, Professor & Head, CSE, ASET AUMP Gwalior

Brief Report of the Activity:

(i) Introduction (250-300 words):

Under the aegis of Institute Innovation cell and National Technology Day, An Expert Talk and Project Exhibition event was organised at 11:15 am and 12:20 pm respectively on 10/05/2024. As National Technology Day is celebrated in our country in commemoration of India's second nuclear tests conducted on 11th May, 1998 making our country self-reliant in the realm of peaceful use of nuclear technology, the department of Mechanical Engineering



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Director-ASET
Amity University Madhya Pradesh Gwalior



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ASET, AUMP organized two activities namely Expert Talk by Prof. (Dr.) Vikas Thada, Professor and Head CSE on the topic: Artificial Intelligence and Machine Learning”.

The audience / participants of expert talk were students of B.Tech. CSE II Sem (Section B and C). The theme of the talk was selected in order to give some fundamental ideas, areas of technology innovations and the importance of AI and ML in the progress of professionals, society and Nation as a whole.

Another activity was with regard to exhibition of B. Tech. student’s Projects/Project Ideas. The students were asked to exhibit project/project ideas that along with the usage of existing technology or innovation can be used to solve fundamental issued facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues. Around 8-10 projects were shortlisted having representation from all branches of engineering of ASET. It was proposed to rank the projects on the basis of some pre-defined parameters to encourage students through competitive spirit with regard to technological innovations. The exhibition was observed by Director ASET along with other faculty members.

(ii) Aims/Objective(s) (100 Words):

Having the aim of Institution’s Innovation council to foster , promote and encourage a zeal amongst the students to come up with innovative technological solutions to the problems facing the nation and the world, the objective of the event was to educate and make aware them regarding the thrust areas where innovative and cost effective solutions are desperately needed by the humankind along with the availability and usage of modern tools and techniques for finding solutions of these pressing issues was one of the objective.

The second objective was to encourage students to take up innovative projects related to fundamental issue facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues.

(iii) No of Faculty Participants:08

1. Dr. Vivek Jaglan
2. Dr. Vikas Thada
3. Dr. Anshul Gangele
4. Dr. Nasir Khan
5. Dr. Ashish Singh Pareta
6. Mr. Nagendra Kumar Sharma
7. Dr. Girraj Kumar Verma
8. Mr. Ashish Tripathi

(iv) No of Student Participants: 114

(v) Highlights of the Event/Activity (100 Words):



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Director-ASET
Amity University Madhya Pradesh Gwalior



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One of the important highlights of the event was conduction of “Expert Talk” wherein Prof. (Dr.) Vikas Thada HoD of CSE explained the fundamentals of modern techniques i.e. Artificial Intelligence and Machine Learning in depth with special emphasis on their application in various fields in order to solve some complex and intractable problems as one of the objectives of the event with participation of around 100 students of B.Tech.

Another highlight was to enable B. Tech. students showcase such projects on National Technology Day to other students and faculty members for their constructive criticisms and scope for further improvements. Around 8 projects were exhibited with participation of various student teams having around 15 participants. Projects were also ranked as Ist, IInd and IIIrd and certificates were distributed among winners and all participants.

(vi) Outcome(s):

1. To give some fundamental ideas, areas of technology innovations and the importance of AI and ML in the progress of professionals, society and Nation as a whole and explain the fundamentals of modern techniques i.e. Artificial Intelligence and Machine Learning in depth with special emphasis on their application in various fields in order to solve some complex and intractable problems.
2. To exhibit project/project ideas that along with the usage of existing technology or innovation can be used to solve fundamental issues facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues with the aim to rank the projects on the basis of some pre defined parameters to encourage students through competitive spirit with regard to technological innovations with the outcome that allowed the other students and faculty members to make constructive criticisms and suggestions for further improvements of the projects exhibited.

(viii) Enclosures (Brochure/Flyer):

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National Technology Day
Expert Talk and Project Exhibition
10th May 2024

Department of Mechanical Engineering
Amity School of Engineering & Technology



(ix) Details of Students Participated in the Expert Talk:

List of students B. Tech – CSE, 2nd Semester, Section-B

S.No.	Student Name	Section	RollNo.
1	NAVNEET SINGH	B	A60205223002
2	KESHAV MAHESHWARI	B	A60205223013
3	NISHANT KUMAR	B	A60205223014
4	HARMEET SINGH	B	A60205223015
5	DHEERAJ KUMAR	B	A60205223020
6	GAURAV KUSHWAHA	B	A60205223026
7	DEEPAK RAJPOOT	B	A60205223040
8	HEMANT	B	A60205223041
9	GAURAV VERMA	B	A60205223043
10	KULDEEP SINGH	B	A60205223046
11	HARSH BHARGAVA	B	A60205223047
12	KARTIK SONI	B	A60205223050
13	FAIJAN	B	A60205223059
14	DEVANSH SHRIVASTAVA	B	A60205223067
15	KHUSHI PACHORI	B	A60205223068
16	HARSHIT SINGH BHADORIA	B	A60205223069
17	KUMKUM GOYAL	B	A60205223088
18	DHARMENDRA KUMAR	B	A60205223090
19	SURAJ SINGH	B	A60205223091
20	MAYANK JAIN	B	A60205223092
21	KAUSTUBH BAJPAI	B	A60205223093
22	JATIN BHARTI	B	A60205223102
23	AARAV DANDOTIYA	B	A60205223104
24	HARSH VARDHAN SINGH KUSHWAH	B	A60205223105





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25	SHIVA YADAV	B	A60205223108
26	JATIN SHAKYA	B	A60205223115
27	PARAS AGRAWAL	B	A60205223118
28	GUNDE VISHNUVARDHAN NAIDU	B	A60205223125
29	DIVYANSHI SHRIVASTAV	B	A60205223132
30	NEERAJ NAIR	B	A60205223133
31	ARJUN AGRAWAL	B	A60205223140
32	MANSHA ABIDI	B	A60205223142
33	KRISHNA MITTAL	B	A60205223143
34	DEV KUMAR	B	A60205223145
35	DEVANSHI GUPTA	B	A60205223150
36	DAMINI SHARMA	B	A60205223158
37	KESHAR GUPTA	B	A60205223164
38	FAHAD ALI	B	A60205223166
39	NANDINI KHENWAR	B	A60205223174
40	MEENAKSHI MISHRA	B	A60205223178
41	ISHA DOBRIYAL	B	A60205223188
42	MOHIT SINGH NARWARIA	B	A60205223189
43	ANUJ SINGH	B	A60205223190
44	NAITIK TIWARI	B	A60205223195
45	DEV SAXENA	B	A60205223205
46	NANDINI SAXENA	B	A60205223223
47	PAWAN SUSARE	B	A60205223242
48	AYUSH KULSHRESTHA	B	A60205223291
49	PUSHKER SEN	B	A60205223292



Kuneh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



List of Students B.Tech – CSE, 2nd Semester, Section-E

S.No.	Student Name	Section	RollNo
1	TARUNENDRA SINGH PARIHAR	E	A60205223010
2	TANUSHKA PANDEY	E	A60205223039
3	MONA SHARMA	E	A60205223159
4	AKSHAT JAIN	E	A60205223200
5	YUVRAJ SINGH SIKARWAR	E	A60205223207
6	SHIVANSH STHAPAK	E	A60205223215
7	VEDIKA GUPTA	E	A60205223216
8	KANISHKA RATHORE	E	A60205223218
9	DEV GUPTA	E	A60205223220
10	NITIN SIKARWAR	E	A60205223224
11	MOHIT SINGH BHADORIYA	E	A60205223226
12	ANUNJAY DIWAN	E	A60205223228
13	ABHISHEK RAJPOOT	E	A60205223230
14	AMAN SINGH	E	A60205223232
15	BHOOMI SACHDEVA	E	A60205223235
16	SONU	E	A60205223236
17	PURANJAY SARASWAT	E	A60205223237
18	SOURABH DEWANGAN	E	A60205223239
19	AMAN SINGH	E	A60205223240
20	ANUSHKA SAHU	E	A60205223244
21	ASTHA SHARMA	E	A60205223245
22	VUPPULURI SREENATH REDDY	E	A60205223246
23	DIVYA PRAKASH	E	A60205223247
24	KRISHNA BANSAL	E	A60205223248
25	ANKU KUMAR SINGH	E	A60205223249
26	AKASH JHA	E	A60205223251
27	PRAKHAR DWIVEDI	E	A60205223253
28	SHREYASH KUMARCHATURVEDI	E	A60205223255





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29	JATIN SANKHYAN	E	A60205223256
30	AYUSH PATEL	E	A60205223259
31	HARSH GUPTA	E	A60205223260
32	ANUSHKA NIGAM	E	A60205223261
33	AYESHA IMTIYAZ	E	A60205223262
34	PRABAL PRATAP SINGH KAURAV	E	A60205223265
35	SUJAL VERMA	E	A60205223266
36	SIDDHANT SINGH	E	A60205223267
37	SAKSHAM SINGH TOMAR	E	A60205223268
38	SAURABH KUSHWAH	E	A60205223269
39	MOHIT SINGH	E	A60205223271
40	HARSHIT SHARMA	E	A60205223274
41	ANUSHKA PANDEY	E	A60205223276
42	DEVESH SHARMA	E	A60205223277
43	HARDIK PATHAK	E	A60205223278
44	MRIDUSHI SHARMA	E	A60205223280
45	AKASH MARKO	E	A60205223283
46	KRATIKA BANSAL	E	A60205223285
47	ANANT RATHORE	E	A60205223286
48	PRATHAM DAVID	E	A60205223287
49	SHIVAM	E	A60205223288
50	YOJIT BHATNAGAR	E	A60205223289
51	MOHIT PRASAD	E	A60205223290
52	SANDEEP SINGH KUSHWAH	E	A60205223293
53	RAGHVENDRA SHARMA	E	A60205223303
54	ANIKA JAIN	E	A60205223308
55	AMAN SHARMA	E	A60205223316



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



Details of Students Participating in Project Exhibition

S.No.	Name of Student	Branch and Semester	Project Exhibited
1	Yash Pathak	B.Tech (CSE), Sem-VI	Smart Agricultural Monitoring System
2	Devansh Dubey	B.Tech (CSE), Sem-VI	
3	Aditya Raj Singhal	B.Tech (ECE), Sem-VI	Factory Worker Alcohol Detector with Automatic Machine
4	Sheelam Goyal Kumar	B.Tech (ECE), Sem-VI	Eye Blinker Sensor Anti-Sleep Alarm
5	Shivesh Kumar Sharma	B.Tech (ECE), Sem-VI	PIR Security System
6	Sourabh Yadav	B.Tech (ECE), Sem-VI	PIR Security System
7	Rishav Kumar	B.Tech (CE), Sem-IV	Pervious Concrete
8	Aditya Bhadouriya	B.Tech (CE), Sem-IV	Pervious Concrete
9	Sanskar Sharma	B.Tech (CE), Sem-IV	Pervious Concrete
10	Yogendra Singh	B.Tech (ME), Sem-VI	Electromagnetic Braking System

(x) Photographs:

नेशनल टेक्नोलॉजी डे आज : इंजीनियरिंग और विज्ञान के क्षेत्र में स्टूडेंट्स अपने इनोवेशन से दे रहे नए आयाम

टेक्नोलॉजी के ट्रैक पर ग्वालियराइट्स, एआई और सेंसर बेस्ड प्रोडक्ट्स पर कर रहे फोकस

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ग्वालियर, हर दिन बदलती टेक्नोलॉजी ने लोगों का जीवन आसान बनाया है। टेक्नोलॉजी डबलप हुई तो इस क्षेत्र में काम कर रहे युवाओं के लिए बेहतर भविष्य के मौके भी बढ़ गए। यह टेक्नोलॉजी का ही दौर है जब मशीनों से हुई शुरुआत अब सेंसर बेस्ड, ऑटोमेशन, रोबोटिक्स और एआई पर आ चुकी है। समय के साथ साथ विज्ञान और इंजीनियरिंग विभाग में नई टेक्नोलॉजी शामिल हो रही हैं। स्टूडेंट्स भी जीवन को आसान बनाने की पूरी कोशिश में लगे हुए हैं। आज राष्ट्रीय प्रौद्योगिकी दिवस के मौके पर हम उन विद्यार्थियों के बारे में बताएंगे जिन्होंने विभिन्न डिवाइस और मॉडल तैयार किए हैं जो न केवल आपके काम को आसान बनाएंगे, बल्कि समय की भी बचत करेंगे।

सेंसर तकनीक से स्मार्ट होम में खुलेंगे-बंद होंगे गेट

एमआईटीएस की भूमि और अंजलि ने आईओटी सेंसर के प्रयोग से स्मार्ट होम प्रोजेक्ट तैयार किया गया है। इसमें एक ऑटोमेटिक गेट शामिल है, जो किसी के आते ही ऑटोमेटिक खुलता है और जाते ही बंद हो जाता है। इसके अलावा इसमें ऐप कंट्रोल कास्टमिंग सिस्टम भी है, जिसके लिए एक खास ऐप बनाया गया है। ऐप लाइट और पखे को घाबू और बंद करने के लिए वॉयस कमांड से काम करता है। इसमें गैस लीकेज सेंसर भी लगाया गया है, गैस लीक होने पर या एलपीजी का स्तर निर्धारित सीमा से अधिक होने पर आवाज करने लगता है।



स्मार्ट हेलमेट करेगा शराब की मात्रा की पहचान

अतुल सिंह धाकड़ और अंजलि ने स्मार्ट हेलमेट की नवीनतम तकनीक का इजाजत किया है। स्मार्ट हेलमेट यात्रा के दौरान सुरक्षा को बढ़ावा देने के लिए डिजाइन किया गया है। इसमें उन्नत सेंसर तकनीक से लैस है, जो शराब की मात्रा को पहचान सकता है और उपयोगकर्ताओं को तुरंत चेतावनी देता है। इसी तरह से बृजराज मिश्रा ने स्मार्ट पार्किंग प्रणाली तैयार की है, जो शहरी क्षेत्रों में वाहन चालकों को मोबाइल एप्लिकेशन के जरिए उपलब्ध पार्किंग स्थलों की जानकारी प्रदान करता है।

सफाई के लिए घर के सामने रुक जाएगा रोबोट

ध्रुव मोदी और अंकित चंदा ने स्मार्ट रोबोट बनाया है, जो सफाई के क्षेत्र में मददगार साबित होगा। इस परियोजना में एक स्मार्ट डस्टबिन है जो लोगों के पास पहुंचता है। ये डस्टबिन चलकर आपके दरवाजे पर पहुंचता है। स्मार्ट रोबोट को फोन के जरिए अपडेट में लाया जा सकता है, जैसे ही किसी वस्तु या इंसान के सामने आएगा वह अपने आप रुक जाएगा और उसमें लगे डस्टबिन का ढक्कन 4 सेकंड्स लिए खुल जाएगा। डस्टबिन को पूरा भरते ही फोन पर मैसेज भी मिल जाएगा, कृपया खाली करें। इस स्मार्ट रोबोट को बनाने में आरडीनो



एग्रीकल्चर मॉनिटरिंग सिस्टम करेगा मदद

एमटी युनिवर्सिटी ग्वालियर के वैवांश दुबे और यश पाठक ने स्मार्ट एग्रीकल्चर मॉनिटरिंग सिस्टम तैयार किया है। ड्रोन की मदद से तैयार हुए इस सिस्टम के जरिए किसान खेत की निम्नी देखने, खोती करने और पेस्टीसाइड आदि डालने का उपयोग कर सकता है। ड्रोन कैमरा की मदद से खेत की रियल टाइम इमेज और वीडियो किसान के फोन पर प्राप्त होती है।





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Media Coverage



Gwalior, Madhya Pradesh, India
76FG+H92, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.27371°
Long 78.226124°
10/05/24 01:13 PM GMT +05:30

GPS Map Camera



Gwalior, Madhya Pradesh, India
76FG+H92, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.273744°
Long 78.226111°
10/05/24 01:18 PM GMT +05:30

GPS Map Camera



Gwalior, Madhya Pradesh, India
76FG+H92, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.273963°
Long 78.22588°
10/05/24 12:25 PM GMT +05:30

GPS Map Camera



Gwalior, Madhya Pradesh, India
Unnamed Road, Maharajpura, Gwalior, Madhya Pradesh 474020, India
Lat 26.273935°
Long 78.225988°
10/05/24 11:31 AM GMT +05:30

GPS Map Camera



Kush Jaglan

Director-ASET
Amity University Madhya Pradesh Gwalior



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(xi) Sample Certificate (if any):



The certificate template features a blue and yellow geometric border. On the left is the Amity University logo. On the right is the Institution's Innovation Council logo. The word "Certificate" is centered in a large, bold, black serif font. Below it, the text "This certificate is proudly awarded to" is followed by a horizontal line for a name. The main body of text describes the award: "for participating in the event **Expert Talk and Project Exhibition** and securing _____ position held on the occasion of **National Technology Day** organized by **Amity University Madhya Pradesh**, Gwalior on **10th May 2024** under the aegis of **Institution's Innovation Council**." A gold ribbon seal is positioned between the names of the convenor and the HoD. The names "Dr. Nasir Khan" and "Prof. (Dr) Anshul Gangele" are printed below their respective titles "Convenor" and "HoD, ME".

Certificate

This certificate is proudly awarded to _____

for participating in the event **Expert Talk and Project Exhibition** and securing _____ position held on the occasion of **National Technology Day** organized by **Amity University Madhya Pradesh**, Gwalior on **10th May 2024** under the aegis of **Institution's Innovation Council**.

Dr. Nasir Khan
Convenor

Prof. (Dr) Anshul Gangele
HoD, ME



Kaveh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



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Name of Event/Activity:	Ideathon
Date:	14/08/2024
Venue:	Government Women's Polytechnic College, Gwalior
Mode of Conduct (Offline/Online/Hybrid):	Offline
Organized By:	Department of Mechanical Engineering (ASET)
Co-ordinator:	Prof. (Dr.) Anshul Gangele, Dr. Nasir Khan, Mr. Nagendra Sharma, Dr. Ashish Pareta
Type of Activity (Seminar/ Webinar/ Workshop/ Conference/ Extension/Hackathon/Competition/ Outreach Program):	Seminar & Competition
Level of the Activity (College/ Intercollegiate/ State/ National/ International):	College
Whether it is sponsored (Yes/ No):	No
If Yes then Sponsor Name and Details:	N/A
Resource Person Details:	Dr. A. A. Siddiqui, Principal, Govt. Women's Polytechnic, Gwalior

Brief Report of the Activity:

(i) Introduction (250-300 words):

Under the aegis of Institution's Innovation Cell, a seminar and competition based on innovative ideas "Ideathon" was organised at Government Women's Polytechnic College, Gwalior from 11:15 am to 02:20 pm respectively on 14/08/2024. Ideathon is a short, intense event where people work together to come up with innovative solutions to problems. Participants can be individuals or teams, and they may have different backgrounds, skills, and interests. Ideathons are often used in technology, business, and social innovation.

During the event participants used design based thinking and other techniques to collaborate on potential solutions within a set time frame. The event concluded with the set



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of ideas, roadmaps and actionable plans that can be utilised for the betterment of the society or the nation.

Ideathon was organized for the purpose of developing the following skills amongst the students such as problem solving, introducing new business ideas, and identifying and recruiting innovative people to a team.

At the end of the event, participants presented their ideas to a panel of judges. The judges evaluated the ideas based on their potential for market viability, scalability, and overall impact.

The projects were also ranked based on some pre-defined parameters to encourage students through competitive spirit with regards to technological innovations. The exhibition was observed by Dr. A.A Siddiqui, Principal, Government Women's Polytechnic College, Gwalior, Prof. (Dr.) Anshul Gangele, Head, Department of Mechanical Engineering, Amity University, Gwalior along with the other faculty members of Amity University, Gwalior.

(ii) Aims/Objective(s) (100 Words):

Having the aim of Institution's Innovation council to foster, promote and encourage a zeal amongst the students to come up with innovative technological solutions to the problems facing the nation and the world, the objective of the event was to solve specific problems or challenges through brainstorming sessions, encouraging out-of-the-box thinking, and pushing boundaries. By creating an environment conducive to idea generation and collaboration, ideathons have become popular in various industries, including technology, business, and social innovation.

The second objective was to encourage students to take up innovative projects related to fundamental issue facing the nation in the realms of agriculture, energy conservation, optimal usage of natural resources and security related issues.

(iii) No of Faculty Participants:05

9. Dr. A.A Siddiqui, Principal, Government Women's Polytechnic College, Gwalior
10. Prof. (Dr.) Anshul Gangele, Professor & Head, Department of Mechanical Engineering
11. Dr. Nasir Khan, Assistant Professor, Department of Mechanical Engineering
12. Dr. Ashish Singh Pareta, Assistant Professor, Department of Mechanical Engineering
13. Mr. Nagendra Sharma, Assistant Professor, Department of Mechanical Engineering

(iv) No of Student Participants: 18

(v) Highlights of the Event/Activity (100 Words):

The event started with the opening remarks of Prof. (Dr.) Anshul Gangele, Professor & Head, Department of Mechanical Engineering, in which he highlighted the need of innovation to



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meet the requirements of the cutting-edge technologies trending in the modern-day industries. The session then proceeded with the addresses of the faculty members of AUMP and was concluded by the closing remarks of Dr. A.A Siddiqui, Principal, Government Women's Polytechnic College, Gwalior in which he expressed his sincere gratitude to the Department of Mechanical Engineering, AUMP and also requested to organize such events in future.

Around 18 projects were exhibited by the students of various streams of diploma, some of which were highly functional and useful in the present-day world. Projects were also ranked as 1st, 2nd and 3rd and certificates were distributed among winners and all participants.

(vi) Outcome(s):

3. Ideathon allowed the participants to freely share ideas and collaborate, which can lead to innovative solutions that may not have emerged otherwise. The cross-pollination of perspectives helps push boundaries.
4. Participants got to build their skills in areas like creative problem-solving, collaboration, pitching etc. which helps strengthen talent pipelines. For students, it provided great learning experiences.
5. Participants and experts of the two organizations got to connect and build relationships during Ideathon. This helped in forming a community that can collaborate beyond the event itself.
6. The innovative solutions and talent from Ideathon helped drive progress on key problems and opportunities. The momentum generated can propel participants to further develop solutions. Participants may take their ideas and develop startups.
7. The Ideathon helped showcase an organization or region's potential for innovation. It signalled openness to new ideas and attracts interest from partners, investors and talent.

(viii) Enclosures (Brochure/Flyer):



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IDEATHON

14th August 2024

Government Women's Polytechnic College, Gwalior

Organized by

Amity School of Engineering & Technology

(ix) Details of Students Participated in Ideathon:

1	Shalini Sikarwar	(ET Final year)
2	Pari Sharma	(ET Final year)
3	Anshika Askar	(ET Final year)
4	Anu Mahore	(ET Final year)
5	Sanjna Seni	(ET Final year)
6	Nitika Kushwah	(ET Final year)
7	Lakshyta Tomar	(IT Final year)
8	Drashti Gupta	(IT Final year)
9	Antra Jain	(IT Final year)
10	Urvashi Jha	(IT Second year)
11	Shreya Yadav	(IT Second year)
12	Vedantika Kolhe	(IT Second year)
13	Akshara Jain	(CS Final year)
14	Samiksha Shrivastav	(CS Second year)
15	Vanshika Parihar	(CS Second year)
16	Sadaf Sultani	(CS Second year)
17	Palak Sharma	(CS Second year)
18	Mahak Shrivastava	(CS Second year)

(x) Photographs:



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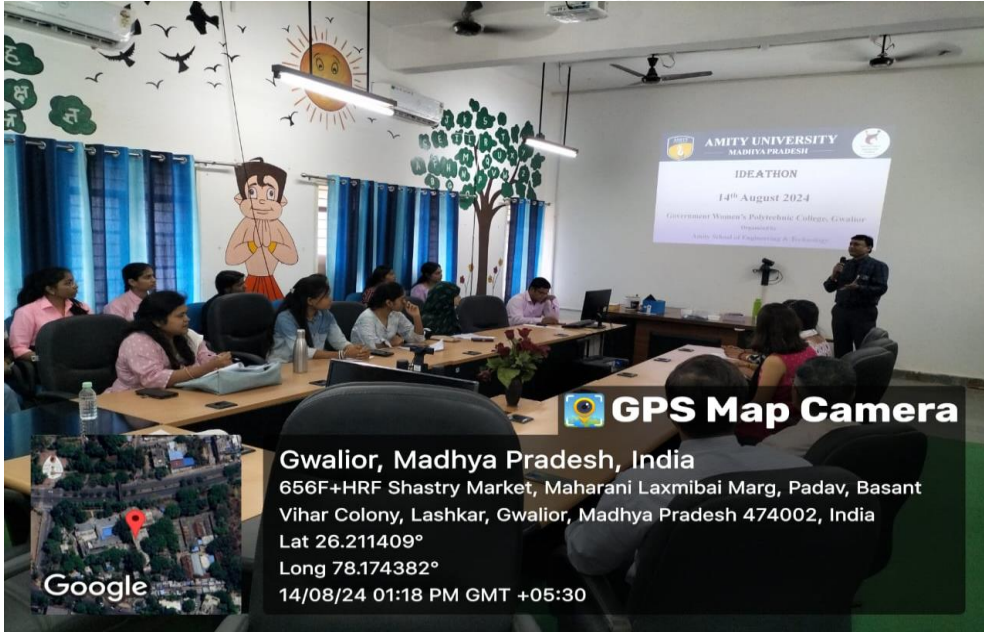
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(xi) Sample Certificate (if any):

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CERTIFICATE OF APPRECIATION

This Certificate is Presented to
Anushka Rathore
of
Diploma in Computer Science & Engg., Govt. Women's Polytechnic College, Gwalior

for achieving **I** position in the Event **IDEATHON** organized by Amity University Madhya Pradesh, Gwalior on 22 August 2023.

N. Khan
DR. NASIR KHAN
COORDINATOR

Anshul Gangele
PROF. (DR) ANSHUL GANGELE
CONVENER



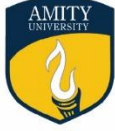
Kuneh Jaglan
Director-ASET
Amity University Madhya Pradesh Gwalior



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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Certificate of Participation

This Certificate is Presented to

of

*Diploma in Computer Science & Engg., Govt. Women's Polytechnic
College, Gwalior*

for participating in the Event **IDEATHON** organized by
Amity University Madhya Pradesh, Gwalior on 14 August
2024.

Dr. Nasir Khan
Co-ordinator



Prof. (Dr) Anshul Gangele
Convener



Director-ASET
Amity University Madhya Pradesh Gwalior