



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (AN AUTONOMOUS INSTITUTE)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV)

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963993229 E-mail: info@diet.edu.in, academics@diet.edu.in



ACM Hackathon 2025 Event Report

Introduction:

The Hackathon 2025, organized by the ACM Student Chapter of the Dadi Institute of Engineering & Technology (DIET), was an electrifying 24-hour coding marathon designed to bring together innovative minds from various domains. Held in the E-Library at DIET on Sunday, 24th January 2025, the event aimed to foster creativity, collaboration, and technical excellence.

Event Format:

The hackathon focused on providing participants with opportunities to showcase their talents and solve real-world problems through technology. Participants were invited to select challenges from 33 diverse domains, ranging from Artificial Intelligence to Smart Farming. Teams were given 24 hours to brainstorm, develop, and present their projects.

Participants:

Hackathon 2025 witnessed enthusiastic participation from a wide range of students, including undergraduates and postgraduates. Teams of up to five members collaborated to create innovative solutions, showcasing their skills in coding, design, and problem-solving. The event was marked by a vibrant and energetic atmosphere, with participants deeply engaged throughout the marathon.

Domains and Project Ideas:

Participants worked on projects across a wide range of domains, including:

1. **Artificial Intelligence & Machine Learning:** AI-driven applications like sentiment analysis tools and smart assistants.
2. **Healthcare & Wellness:** Solutions like fitness trackers and telemedicine platforms.
3. **Social Impact & Sustainability:** Carbon footprint calculators and educational platforms.
4. **Blockchain & Decentralized Applications (DApps):** Peer-to-peer lending systems and decentralized storage.
5. **Cybersecurity & Privacy:** Password managers and secure messaging apps.
6. **Gaming & Entertainment:** Multiplayer games and VR/AR experiences.
7. **FinTech & Personal Finance:** Expense trackers and personal finance dashboards.
8. **IoT (Internet of Things):** Smart home systems and automated garden systems.
9. **Education & Learning:** Online learning platforms and quiz generators.



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10. **Productivity & Workflow Automation:** Task managers and project management tools.
11. **AR/VR Technologies:** Virtual tours and immersive learning environments.
12. **Cloud Computing:** Scalable web apps and media streaming platforms.
13. **E-commerce & Online Marketplaces:** Virtual try-on features and price comparison tools.
14. **Natural Language Processing (NLP):** Language translation tools and text summarizers.
15. **Smart Cities & Urban Solutions:** Smart traffic systems and public transportation trackers.
16. **Robotics & Automation:** Drone delivery and robotic arms for assembly.
17. **Voice Assistants & Speech Recognition:** Speech-to-text apps and voice-based home controls.
18. **Data Science & Analytics:** Predictive analytics apps and business intelligence dashboards.
19. **Entertainment and Media:** Video editing apps and music discovery platforms.
20. **Smart Wearables:** Health-tracking smartwatches and augmented reality glasses.
21. **Transportation & Mobility:** Traffic prediction systems and smart parking solutions.
22. **Customer Service Automation:** Chatbots and automated ticketing systems.
23. **LegalTech & Compliance:** Contract analysis tools and compliance trackers.
24. **Accessibility & Assistive Technologies:** Screen reader apps and sign language translators.
25. **Supply Chain & Logistics:** Inventory management systems and shipment tracking tools.
26. **Event Management & Social Networking:** Event scheduling tools and networking platforms.
27. **AI-Powered Marketing:** Personalized advertising platforms and content creation tools.
28. **Digital Payment Solutions:** Peer-to-peer payment apps and cryptocurrency wallets.
29. **Remote Work & Collaboration Tools:** Video conferencing platforms and document-sharing apps.
30. **Food Tech:** Recipe recommendation systems and sustainable food packaging.
31. **Smart Farming & Agriculture Tech:** Crop monitoring apps and automated irrigation systems.
32. **Blockchain for Supply Chain:** Product origin trackers and digital contract platforms.
33. **Disaster Management & Emergency Response:** Emergency alert systems and evacuation route planners.

Scoring and Prizes:

Projects were evaluated based on innovation, technical complexity, presentation, and societal impact. The top three teams were awarded prizes:



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Winners:

1. Team exceptions
2. Team Cadbuary

Impact and Feedback:

Participants lauded Hackathon 2025 for its well-organized structure and the opportunity to work on diverse challenges. Many expressed their appreciation for the collaborative environment and the chance to develop projects with real-world applications. The event not only inspired innovation but also fostered a sense of community among tech enthusiasts.

Conclusion:

Hackathon 2025 was a resounding success, bringing together creative minds to tackle pressing technological challenges. The DIET ACM Student Chapter looks forward to organizing more such events that inspire and empower the next generation of tech leaders.



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Participants Details:

Group Number	Group Name	Student Name	Roll Number	Signature
1	Team exceptions	Prasana kumar rath	22u41a4248	
		V.Rohith	22u41a4265	
		S.teja	22u41a4252	
		Rishab	22u41a4289	
2	Hackathon	Sampath Kumar	22u41a4215	
		Rajesh	22u4a4264	
3	B2K HACKERS	B.Dinesh	22u41a4404	
		B.Deepak	22u41a4407	
		K.venkatesh	22u41a4426	
		K.hitesh	22u41a4425	
4	Team Cadbuary	Omkar amudala	22U41A4205	
		Madhumitha	24u41a05b6	
5	Tech Titans	K.Koushik	23U41A05C8	
		Jayesh Patil	23U41A0581	
		Pavan kumar	23U41A0584	
		Santhosh Reddy	23U41A0590	
6	Tech_Gals	Althi.Sanjana	23U41A0504	
		Allam.Anusha	23U41A0502	
		Ellapu Bhagyasri	23U41A0515	
		Palla.Kusuma	23U41A05A0	
7	II CSE A[01,13,41,43]	PADALA KULADEEP SATYA KISHORE	23U41A0541	
		PARAVADA JAGADEESWARI	23U41A0543	
		ADARI LAKSHMI POORNA NAGESWARI	23U41A0501	
		DADI DEDEEPPYA	23U41A0513	

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9	Thanuja	P. Thanuja	23u41a0545	
		K. Vennala	23u41a0521	
		P. Varshini	23u41a0546	
		Chandini	24u45a0516	
10	Tech Titans	Siripala Amulya Aarthi	23U41A0554	
		Gavara Tejashwini	23U41A0516	
		Unda Mounika	23U41A0516	
		Dooda Vasantha	24u45a0504	
11	Twinkle	Varshini	23u41a0503	
		Pavan Kalyan behara	23u41a0507	
12	code breakers	A.TANSI RANI	23U41A0506	
		K.LEELA SRI LAKSHMI	23U41A0526	
		K.HARSHA VARDHAN	23U41A0525	
13	Binary Brains	Darimisetty Durga venkata Prasanthi	23u41a0570	
		P.kusuma	23u41a05a0	
		G rupa	23u41a0517	
14	TECHIES	N PRUDHVI RAJ	24U41A05A1	
		M PRADEEP KUMAR	24U41A0595	
		B KARTHIKEYA NAIDU	24U41A05C6	
		ASHIRBAD BEHERA	24U41A05C5	
17	Quantum Coders	KATAPALLI . VENKAT JIGNASH	24U41A4279	
		JERRIPOTULA . ROHIT	24U41A4415	
		YERIPALLI .	24U41A42A5	



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		SRINU		
		KORIBILLI . JAI ADITYA	24U41A4294	
20	Sparkle	Dudi Jhansi	24U41A0576	
		Nimmadala Vijaya Lakshmi	24U41A05A2	
21	Tec titans	Ch.chandrika	24u41a0413	
		Sri somya	24u41a0445	
24	Diet Saviours	BALAGA CHIRANJEEVI	24u41a4208	
		KUTUB MOHAMMAD SHABEER ALI	24u41a4242	
		ABHINAND P	24u41a4201	
		P.CHANDANA PRIYA	24u41a4261	
28	Code Wizards	K. Bhagya Sri	23U41A05C6	
		P.Harika	23U41A0547	



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Poster –

Build New World
Diet

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DIET ACM

HACKATHON

Join the brightest minds in tech for an epic 24-hour coding marathon

- 📅 Sunday, 24 January 2025
- 🕒 At 10 Am
- 📍 E-Libreary, Dadi Institute of Engineering & Technotogy



REGISTER NOW

Dr. K. Sujatha Convenor	Mrs.Venkata Lakshmi Coordinator	Dr. Vaikunta rao Principal	Sri Dadi Ratnakar Chairman
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Certificates –



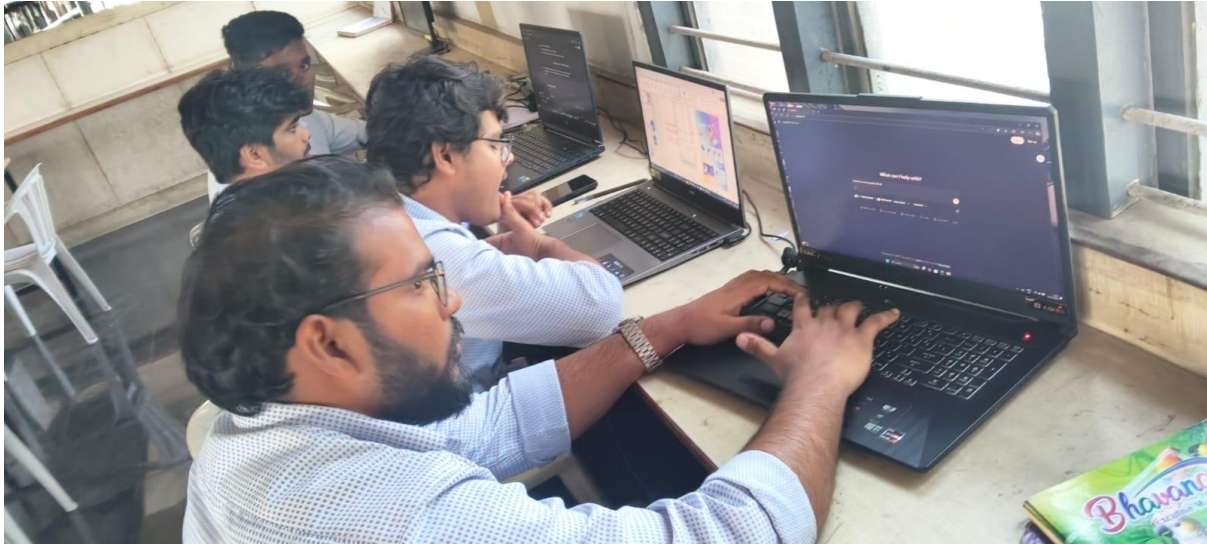


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