



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

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NH-16, Anakapalle - 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

Poster Presentation on INNOVATION & DESIGN THINKING

The Department of Electrical and Electronics Engineering of Dadi Institute of Engineering & Technology- Autonomous in association with DIET ISTE Student Chapter and Institute Innovation Council (IIC) conducted the Poster Presentation on Innovation and Design Thinking on 30 October 2023 at Lecture Hall-32 in the institute premises. The poster presentation on "Innovation and Design Thinking" aimed to showcase the fundamental concepts and principles of innovation and design thinking, highlighting their significance in today's rapidly evolving business landscape. The presentation delved into the strategies, methodologies, and real-world applications of these principles, emphasizing their role in fostering creativity, problem-solving, and sustainable development.

The poster features a blue background with a circuit-like pattern on the left. It includes logos for Diet, ISTE, and the Institution's Innovation Council. The text is centered and provides details about the event, including the date, time, venue, and organizers.

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Department of Electrical and Electronics Engineering
In association with
Institute Innovation Council (IIC)
and
Indian Society for Technical Education (ISTE)
ORGANIZING

**POSTER PRESENTATION ON
INNOVATION AND DESIGN THINKING**

On 30-10-2023
9:30 AM to 12:30 PM

Venue: Lecture Hall 32,
4th Floor (DIET)

Co-ordinators:
Mr. S. Ramana Kumar Joga, Asst. Prof.
Mr. K. Vijay Kumar, Assoc. Prof.

Dr. A.S.L.K.Gopalamma
HOD-EEE

Dr. R. Vaikunta Rao
Principal, DIET

Sri Dadi Ratnakar
Chairman, DIET

Poster of the Expert Talk



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The Poster Presentation started with an Inauguration event by Mr. K. Vijay Kumar, (DIET ISTE Convener), Dr. A.S.L.K. Gopalamma, (HOD-EEE) and Dr. R. Vaikunta Rao (Principal-DIET).



Dr. R Vaikunta Rao, Principal Diet lecture to the participants



Dr. R. Vaikunta Rao (Principal-DIET) addressed the gathering along with HOD-EEE& ISTE Convener.

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Convener and HOD EEE, Dr A S L K Gopamma delivered the opening remarks on the occasion.

She stressed the importance of Innovation in the future for the sustainable development of the mankind.

She also insisted the students to acquire new technologies for the growth of their potential skills and also explained how it would play in the development of nation. DIET ISTE Convener emphasized the role of DIET ISTE Student Chapter in engineering career and motivated the students to become successful engineers with their innovation and creativity. He shared valuable words to students to upgrade the skills using professional connectivity. He also suggested students to learn something every day and encouraged them to get practical knowledge. He also emphasized that DIET would continue to conduct events of this magnitude to help students strengthen their leadership traits. Principal Dr. R. Vaikunta Rao, in his address stated that, DIET is the right place for bright students and the curriculum followed in DIET not only makes the undergraduate acquire knowledge but also emphasize innovation in them. He also addressed about the Future Technologies in the field of Engineering and their contribution to the sustainable development of the world.

Introduction:

The presentation opened with an introduction to the concepts of innovation and design thinking. Innovation is the process of generating and implementing new ideas, while design thinking is a human-centric approach to problem-solving, involving empathy, ideation, and prototyping. These two concepts often intersect, driving creative solutions in various industries.

The Importance of Innovation:

The poster highlighted the pivotal role of innovation in business success and societal progress. It emphasized that innovation is not limited to product development but extends to processes, business models, and customer experiences. Several examples of innovative companies, such as Apple, Tesla, and Airbnb, were provided to underscore the impact of innovation on market leadership.

Principles of Design Thinking:

The presentation then focused on the key principles of design thinking, including empathy, ideation, and prototyping. It explained how design thinking promotes user-centric solutions by understanding the needs and pain points of end-users. The iterative nature of the design thinking process was also highlighted, enabling teams to refine and improve their solutions continuously.

Strategies for Fostering Innovation:

The poster featured strategies and methodologies to foster innovation within organizations. These strategies included promoting a culture of experimentation, creating cross-functional teams, and leveraging open innovation by collaborating with external partners. Additionally, it stressed the importance of risk-taking



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and learning from failures.

Real-World Applications:

To provide concrete examples of innovation and design thinking, the presentation showcased real-world case studies. These included the transformation of the healthcare industry through telemedicine, the redesign of urban transportation through ride-sharing services, and the disruption of traditional retail by e-commerce giants. These examples demonstrated how innovative thinking had the power to reshape entire industries.

Challenges and Barriers:

The presentation didn't shy away from addressing the challenges and barriers that organizations may face when implementing innovation and design thinking. These challenges included resistance to change, a fear of failure, and the need for a cultural shift within the organization. Strategies for overcoming these obstacles were also discussed.



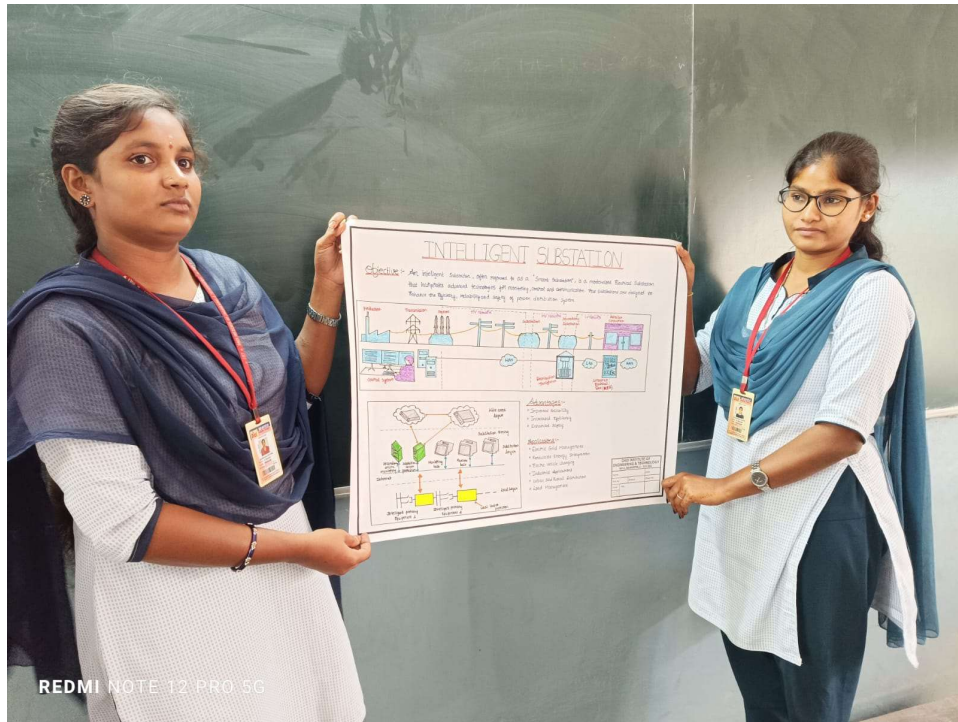
Gyro Bus Poster Presentation by students

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Intelligent Substation Poster presentation by students



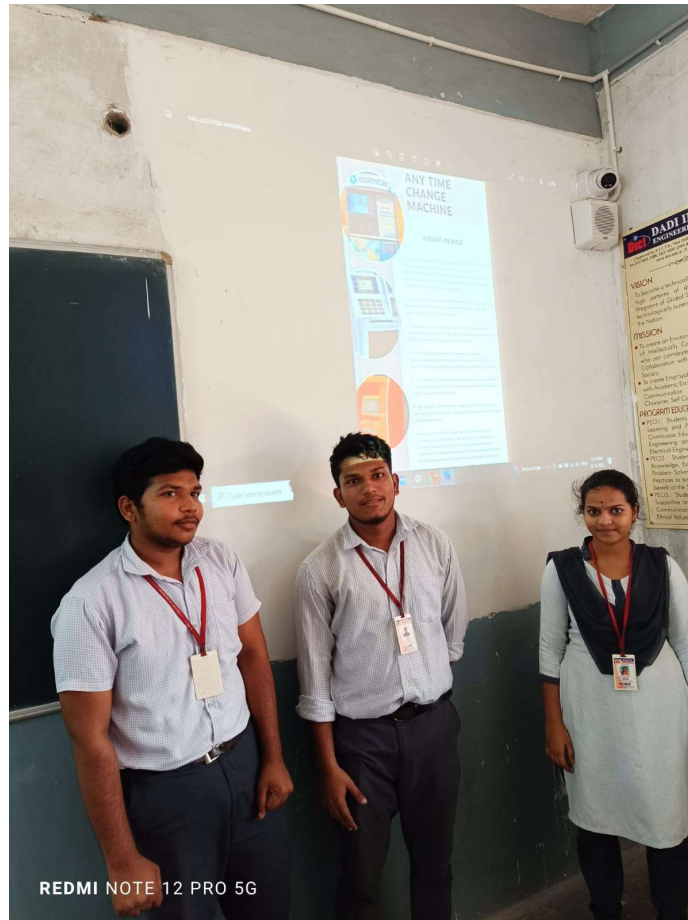
Hybrid Power Inverter poster presentation by students

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Any Time Machine poster presentation by students



Congestion Buster poster presentation by students

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ATTENDANCE: (Total: 70;60 students, 10 Faculty)

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Date: 30-10-2023

Department of EEE

Event: Poster Presentation on Innovation and Design Thinking

Attendance Sheet

S. No	Name of the Participant	Title of the Idea	Signature
1	Miss G. Mounika	Gyro Bus	Mounika
2	Miss P. Soumya	Gyro Bus.	P. Soumya
3	Dilesh Madha	Gyro Bus	Dilesh
4	Baby Sargini	Gyro Bus	Sargini
5	A. Hari Krishna	Gyro Bus	Hari Krishna
6	V. Dharmraj	Gyro Bus	Dharmraj
7	B. Sravani	Intelligent Substation	B. Sravani
8	B. Shravani kumar	Intelligent Substation	Shravani
9	E. Archana	Intelligent Substation	Archana
10	B. Lavanya	Intelligent Substation	Lavanya
11	D. Aruna	Intelligent Substation	Aruna
12	K. Teja	Intelligent Substation	Teja
13	K. Bala	Biometric Authentication	K. Bala
14	Y. Sirisha	Biometric Authentication	Y. Sirisha
15	P. Yashank	Biometric Authentication	P. Yashank
16	B. Chandu	Biometric Authentication	B. Chandu

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17	K. Siddhartha	Biometric Authentication	K. Siddhartha
18	P. Puranaganesha	Biometric Authentication	P. Puranaganesha
19	A. Yashitha	Congestion Busters	S. Jahnavi
20	S. Jahnavi	Congestion Busters	P. Hema
21	P. Hemalatha	Congestion Busters	K. Anu.
22	K. Bharathi Sai	Congestion Busters	G. Pavani
23	G. Pavani	Congestion Busters	R. Althi Ram
24	R. Althi Ram	Any Time Change Machine	V. Karthik
25	V. Karthik	Any Time Change Machine	S. Revathi Kumar
26	S. Revathi Kumar	Any Time Change Machine	M. Sai
27	M. Sai	Any Time Change Machine	D. Devi Sri Prasad
28	D. Devi Sri Prasad	Any Time Change Machine	G. Pavani
29	G. Pavani	Any Time Change Machine	P. Manoj
30	P. Manoj	Congestion Busters	A. K. Sushma
31	A. K. Sushma	Smart learning app	Y. Niharika
32	Y. Niharika	Smart learning app	G. Bhargav
33	G. Bhargav	Smart learning app	K. Prabhakar Venkat Sai
34	K. Prabhakar Venkat Sai	Smart learning app	M. Shyam
35	M. Shyam	Smart learning app	K. Surya
36	K. Surya	Smart learning app	B. Sai Varanthy
37	B. Sai Varanthy	Smart travelling assistance app	B. Likhitha
38	B. Likhitha	Smart travelling assistance app	N. Jhanvi
39	N. Jhanvi	Smart travelling assistance app	

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40	R. Samuel Raj	Smart travelling assistance app	Samuel
41	K. Akhila	Smart travelling assistance app	Akhila
42	V. Jayantha	Smart travelling assistance app	Jayanth
43	K. Bharu Sai Krishna	Solar outdoor - air purifier with air monitoring system	K. Bharu
44	G. Uma maheswari	Solar outdoor - air purifier with air monitoring system	G. Uma
45	D. Ramu	Solar outdoor - air purifier with air monitoring system	D. Ramu
46	M. Prasad	Solar outdoor - air purifier with air monitoring system	M. Prasad
47	A. Nookesh Kumar	Solar outdoor air purifier with air monitoring system	A. Nookesh
48	M. Rama Krishna	Solar outdoor air purifier with air monitoring system	M. Rama Krishna
49	K. Yogitha	Hybrid solar power inverter with Automation system	K. Yogitha
50	B. Pavan	Hybrid Solar Power inverter	B. Pavan
51	B. Balaji	With Automation system	B. Balaji
52	Sohan Das	Hybrid Solar Power inverter	Sohan Das
53	R. Uma Sankar	With Automation system	R. Uma Sankar
54	K. Hasinadh	Hybrid power inverter with automation system	K. Hasinadh
55	G. Neveen Kumar	Cv to grid	G. Neveen Kumar
56	G. Gautham Patraik	Cv to grid	G. Gautham Patraik
57	S. Vamsi Krishna	Cv to grid	S. Vamsi Krishna
58	G. Surya Padmakar	Cv to grid	G. Surya Padmakar
59	P. Mohan	Cv to grid	P. Mohan
60	S. Jagan	Cv to grid	S. Jagan
61	J. Shiva	Faculty Participant	J. Shiva
62	D.V. J. Ramana Kumar Jy	Faculty Participant	D.V. J. Ramana Kumar Jy

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63	B.V. Keeranjani	Faculty participant	me
64	V. Sudhakar	Faculty participation	V. Sudhakar
65	P. Savana Laksh	Faculty Participation	P. S
66	K. Ajani Joo	Faculty Participation	AJ.
67	G. Swathi	Faculty Participation	Swathi
68	B.R. Srinivas	Faculty participation	B.R.
69	K. Srinivas	Faculty participation	K.S.
70	C. Sogadeesh	Faculty participant	C.S.


 R&D Coordinator
 (Dr. S Ramana Kumar Joga)


 HOD EEE 30/10/23
 (Dr. A S L Kopalamma)
 Head of the Department
 Electrical & Electronics Engg.
 Dadi Institute of Engg. Tech.
 Anakapalle - 531 002



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Q&A Session:

During the presentation, an engaging Q&A session allowed the audience to ask questions, seek clarifications, and engage in discussions about the topics presented. This interaction further emphasized the relevance and interest in innovation and design thinking.

Conclusion:

The poster presentation concluded by reinforcing the idea that innovation and design thinking are not limited to specific industries or roles. They are versatile tools that can drive success and sustainability in any sector. By promoting creativity, empathy, and problem-solving, organizations can stay ahead in the competitive market and contribute to a brighter, more innovative future.

Sample Certificates:





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In conclusion, the poster presentation on "Innovation and Design Thinking" successfully communicated the importance and practical applications of these concepts. It served as a valuable resource for attendees, fostering a deeper understanding of how innovation and design thinking can transform businesses and industries.

(Dr. S Ramana Kumar. Joga)

Department R&D coordinator

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