



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
WAKNAGHAT, P.O. – WAKNAGHAT,  
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)  
PIN – 173234 (INDIA) Phone Number- +91-1792-257999  
(Established by H.P. State Legislature vide Act No. 14 of 2002)



## **EcoInnovate** (November 20<sup>th</sup> to 22<sup>nd</sup> 2024)

INSTITUTION'S INNOVATION COUNCIL  
JAYPEE EDUSPHERE  
IGNITED MINDS  
INSPIRED SOULS

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INSTITUTION'S INNOVATION COUNCIL  
in collaboration with

IEEE JUIT SPS chapter, Department of Humanities and Social Sciences, Department of Civil Engineering, TIED Cell and NSS is organising

Date:  
November 20 to 22, 2024

Submission of Ideas:  
20 November, 2024

Presentation of Shortlisted Ideas:  
21 & 22 November, 2024

Last date for registration :  
November 18, 2024

**THEMES**

- Clean Earth, Green Future
- Be Solution to Pollution
- Innovate to Sustain

**ATTRACTIVE CASH PRIZES FOR WINNERS!**

Scan for Registration

Scan for guidelines

www.juit.ac.in 01792-257999

The Institution's Innovation Council at Jaypee University of Information Technology (JUIT) in Solan, Himachal Pradesh, proudly organized the event "EcoInnovate" with the aim of addressing some of the most pressing environmental challenges of our time through the lens of sustainable technological innovations. The event spanned three days, from November 20<sup>th</sup> to 22<sup>nd</sup> 2024 and saw an impressive turnout and enthusiastic participation. EcoInnovate was centered around the theme "Sustainable Tech-Innovation for a Cleaner Planet," reflecting the urgent need for environmentally friendly technologies. The event was structured to encourage students to explore and develop ideas that integrate innovative technologies with sustainable practices. Participants were guided to focus on one of three compelling sub-themes:

1. **Clean Earth, Green Future:** Encouraging solutions that promote environmental cleanliness and sustainable practices.
2. **Be Solution to Pollution:** Fostering innovations aimed at reducing and managing pollution.



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3. ***Innovate to Sustain:*** Inviting creative approaches to sustainability in technology and everyday life.

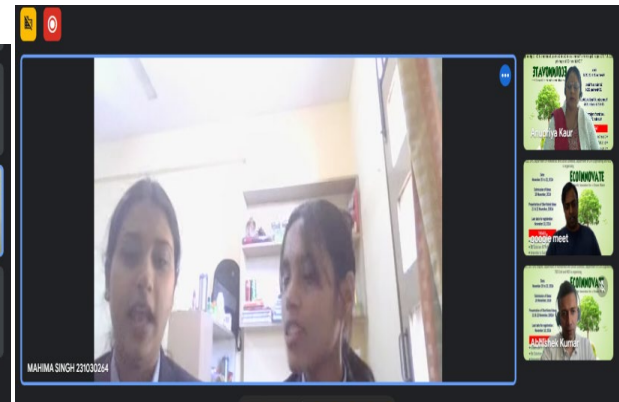
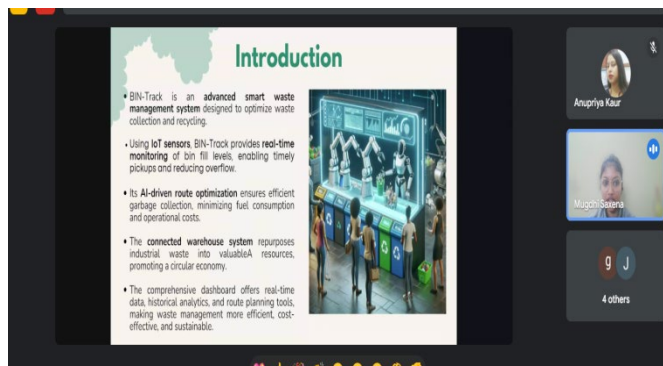
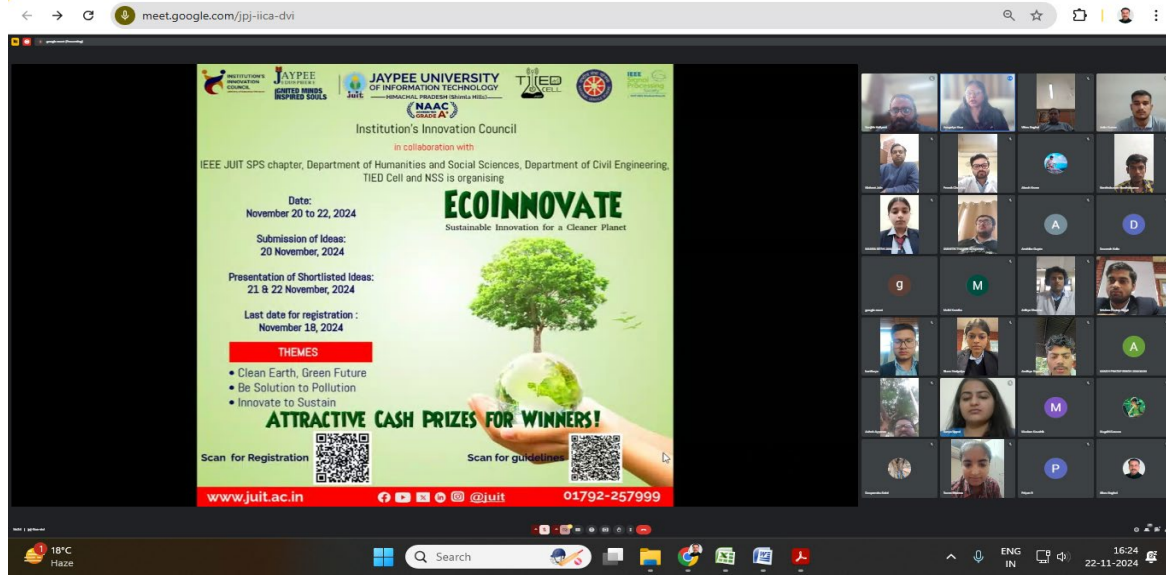
The event saw the active participation of 40 teams, comprising over 75 participants, who presented their innovative solutions through both poster presentations and physical prototypes. The hybrid mode of the event allowed for both in-person and virtual presentations, ensuring broad participation despite any geographical limitations. The highlight of the event was the diverse range of inventive concepts showcased by the participants. The projects were judged by a panel of nine experts who evaluated the ideas based on criteria such as innovation, feasibility, and potential impact on the environment. The lively discussions and presentations underscored the significance of collaboration and innovative thinking in achieving a cleaner and healthier planet. The competition was fierce, but three teams stood out with their exceptional ideas. The winning teams and their prizes were:

- **First Prize:** HALCYON, awarded ₹2500 for their outstanding project.
- **Second Prize:** Hollong, awarded ₹1500 for their innovative solution.
- **Third Prize:** We are Groot, awarded ₹1000 for their creative approach.

EcoInnovate was a remarkable success, providing a platform for students to present their innovative solutions and fostering a spirit of collaboration and creativity. The event highlighted the critical role of sustainable technological advancements in addressing environmental issues and inspired participants to continue their efforts towards a greener future. The Institution's Innovation Council at JUIT looks forward to hosting more such events that encourage and nurture the innovative spirit of students. The success of EcoInnovate can be attributed to the meticulous planning and coordination by the organizing team, which included Prof. Anupriya Kaur, Dr. Vikas Baghel, Dr. Nishant Jain, Dr. Rishi Rana, and Dr. Ranjith Kalyani. Their efforts ensured the smooth execution of the event and facilitated a platform for young innovators to shine.



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## SOCIAL MEDIA LINKS

Platform	Links	Date
Facebook	<a href="https://www.facebook.com/share/p/18LphP9T6y/">https://www.facebook.com/share/p/18LphP9T6y/</a>	16/11/2024
Instagram	<a href="https://www.instagram.com/p/DCa_5TGSstl/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==">https://www.instagram.com/p/DCa_5TGSstl/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWFIZA==</a>	16/11/2024
Linkedin	<a href="https://www.linkedin.com/posts/iicjuit_institutionsinnovationcouncil-juit-iicjuit-activity-7263442804821962752-eUYw?utm_source=share&amp;utm_medium=member_desktop">https://www.linkedin.com/posts/iicjuit_institutionsinnovationcouncil-juit-iicjuit-activity-7263442804821962752-eUYw?utm_source=share&amp;utm_medium=member_desktop</a>	16/11/2024
x	<a href="https://x.com/iicjuit/status/1857679486877041014">https://x.com/iicjuit/status/1857679486877041014</a>	16/11/2024
NEWS CLIPPING	<a href="https://crazynewsindia.com/juit-hosted-ecoinnovate-pioneering-solutions-for-a-sustainable-future/admin/">https://crazynewsindia.com/juit-hosted-ecoinnovate-pioneering-solutions-for-a-sustainable-future/admin/</a>	
	<a href="https://himachaltonite.com/himachal/ecoinnovate-2024-juit-sparks-sustainable-innovations-for-a-cleaner-planet/">https://himachaltonite.com/himachal/ecoinnovate-2024-juit-sparks-sustainable-innovations-for-a-cleaner-planet/</a>	

## Newspaper :

<https://himachaltonite.com/himachal/ecoinnovate-2024-juit-sparks-sustainable-innovations-for-a-cleaner-planet/>

himachaltonite.com/himachal/ecoinnovate-2024-juit-sparks-sustainable-innovations-for-a-cleaner-planet/

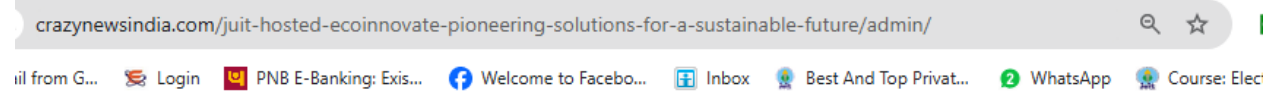
il: Email from G... Login PNB E-Banking: Exis... Welcome to Facebo... Inbox Best And Top Privat... WhatsApp



Jaypee University of Information Technology (JUIT), Solan, hosted **EcoInnovate**, a pioneering event aimed at addressing environmental challenges through sustainable technological solutions. Organized by the Institution's Innovation Council, the event revolved around the theme **"Sustainable Tech-Innovation for a Cleaner Planet"** and featured sub-themes such as "Clean Earth, Green Future," "Be Solution to Pollution," and "Innovate to Sustain."

With over 75 participants forming 40 teams, the event showcased innovative ideas and emphasized the power of collaboration in creating a healthier planet. The top three ideas, selected by a panel of nine experts, received cash awards to encourage their implementation. Coordinated by Dr. Anupriya Kaur, Dr. Vikas Baghel, Dr. Nishant Jain, Dr. Rishi Rana, and Dr. Ranjith Kallyani, EcoInnovate proved to be a platform for fostering creativity and sustainability.

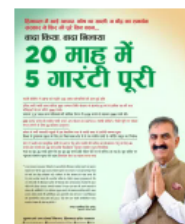
<https://crazynewsindia.com/juit-hosted-ecoinnovate-pioneering-solutions-for-a-sustainable-future/admin/>



## JUIT Hosted EcoInnovate: Pioneering Solutions for a Sustainable Future”

[crazynewsindia](#) · 2 hours ago  
 Last updated: 2024/11/24 at 5:59 PM

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Shimla

The Institution's Innovation Council at Jaypee University of Information Technology (JUIT) in Solan, Himachal Pradesh, successfully organized "EcoInnovate," an innovative event focused on tackling pressing environmental issues through sustainable technological advancements. Centered on the theme "Sustainable Tech-Innovation for a Cleaner Planet," the event featured a range of inventive concepts under the sub-themes: "Clean Earth, Green Future," "Be Solution to Pollution," and "Innovate to Sustain." A total of 40 teams, comprising over 75 participants, presented their creative solutions and participated in lively discussions highlighting the significance of collaboration for achieving a cleaner and healthier planet. The top three ideas were selected nine experts and received cash awards. The event was coordinated by Dr. Anupriya Kaur, Dr. Vikas Baghel, Dr. Nishant Jain, Dr. Rishi Rana, and Dr. Ranjith Kallyani.



### LIST OF PARTICIPANTS

S.No	Idea	Name	Enrollment No
1	"No more plastic, make the Earth fantastic"	Muskan soni	240063
2	Agricultural wastes transformed into recyclable building materials	Abinaya. K	5123319002
3	Agricultural wastes transformed into recyclable building materials	Eswari. S	5124319002
4	Agricultural wastes transformed into recyclable building materials	Kavinidishbawan.	5124319004
5	Agriculture, Rivers & Ocean Produce based industries, fertilizers, Agricultural Implements & Agro processing based disease detection.	ANISH G	18
6	Agriculture, Rivers & Ocean Produce based industries, fertilizers, Agricultural Implements & Agro processing based disease detection.	ATHISH K S	29



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7	Agriculture, Rivers & Ocean Produce based industries, fertilizers, Agricultural Implements & Agro processing based disease detection.	HARINI P	53
8	Auto-Retract Side Stand	G.logeshwaran	23214560
9	Auto-Retract Side Stand	K.premkumar	23214565
10	Autonomous self-burying seed with Pysical Prototype	Aaditya Kumar	231034016
11	Autonomous self-burying seed with Pysical Prototype	Aman Kumar	231034014
12	Autonomous self-burying seed with Pysical Prototype	Awadhi	231032042
13	BIN-Track is an advanced smart waste management system designed to optimize waste collection and recycling.	Jatin Kumar	71254
14	BIN-Track is an advanced smart waste management system designed to optimize waste collection and recycling.	Mugdhi Saxena	71212
15	BIN-Track is an advanced smart waste management system designed to optimize waste collection and recycling.	Sanya Uppal	1139
16	Bioplastics	Devansh kalia	231010001
17	Bioplastics	Prerak chouhan	231011006
18	Clean earth green future	HARVANSH GHAI	241250002
19	Clean future- Green future (Sustainable approach to reduce pollution)	Kannan Thakur	246603
20	Clean future- Green future (Sustainable approach to reduce pollution)	Manisha Thakur	246602
21	Cleaning environment	Aditya Sharma	231011002
22	coal ash infused biodegradable plastics	Anshika Gupta	252301010
23	coal ash infused biodegradable plastics	Muskan	252405043
24	coal ash infused biodegradable plastics	Teena sharma	252301163
25	Detection of leakage of toxic gases	Haripriya Tripathi	231030327
26	Detection of leakage of toxic gases	Krishna Pratap Singh	231030233
27	Driving less, in favor of public transportation	Divyansh mangla	252401017
28	Driving less, in favor of public transportation	Kunal kumar	252401030
29	E-Wise: A Smarter Way to Recycle E-Waste	Mahima Singh	231030264
30	E-Wise: A Smarter Way to Recycle E-Waste	Manya Sethi	231030214
31	Eco awareness and vigilance through gamified mobile app	Pourush Pandey	221030172
32	Environment and Sustainability	Aditya Gautam (Individually)	241250006
33	Environment and Sustainability	Individual	241250006
34	Green Earth	Shivam Jagota	241250004
35	Harnessing AI for Sustainable Waste Management	Akhil Sharma	221031016
36	Harnessing AI for Sustainable Waste Management	Harsh Kumar	221020006



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37	Highlighting Environmental challenges and sustainability	Anvesha Mittal	231250006
38	Highlighting Environmental challenges and sustainability	Rishi Vij	231350002
39	Highlighting environmental challenges and sustainability	Anvesha mittal	231250006
40	Highlighting environmental challenges and sustainability	Rishi vij	231250002
41	Hydrogen powered cart for college	Haripriya Tripathi	231030327
42	Hydrogen powered cart for college	Krishna Pratap Singh	231030233
43	Pollution Revolution: Innovate to eliminate	Arushi Singh	241250003
44	Potato Leaf Disease Detection	Avantik Thakur	221030161
45	Potato Leaf Disease Detection	Priyansh Lunawat	221030169
46	Potato Leaf Disease Detection	Priyanshu Thakur	221030166
47	Power Your Workout, Power Your Planet	R. PRIYAN	23310913
48	Power Your Workout, Power Your Planet	T. KALIES WARAN	23310909
49	Precision farming using AI and drones.	Pranjay Thakur	241250001
50	Renewable energy	Kartikeya sharma	231250004
51	Rocket-Powered Firefighting & Crowd Control	K.MELKI KAMILAS	23310911
52	Rocket-Powered Firefighting & Crowd Control	K.MELKI KAMILAS	23310911
53	Rocket-Powered Firefighting & Crowd Control	K.MELKI KAMILAS	23310911
54	Rocket-Powered Firefighting & Crowd Control	S.NANTHAKUMAR	23310912
55	Rocket-Powered Firefighting & Crowd Control	S.NANTHAKUMAR	23310912
56	Rocket-Powered Firefighting & Crowd Control	S.NANTHAKUMAR	23310912
57	Smart pollution tracker and awareness platform. (Using AI , give solutions to improve conditions. Use APIs to fetch live air quality index.	Pranavjeet Singh Rathore	221030042
58	Smart pollution tracker and awareness platform. (Using AI , give solutions to improve conditions. Use APIs to fetch live air quality index.	Sujal Chauhan	221030266
59	Smart pollution tracker and awareness platform. (Using AI , give solutions to improve conditions. Use APIs to fetch live air quality index.	Vansh Chankrola	221030273
60	Solution to smoggy winters	Harshita chandel	231250003
61	Strategies for the betterment of the environment	Pranjay thakur	241250001
62	Strategies for the betterment of the environment	Shubh agarwal	241250011
63	Sustainable EV Charging Solutions , the idea of converting shipping containers into EV charging stations for a cleaner and greener future	PRİYADHARSHINI R	1
64	The Future of Nut Work	BALADHASAN C	23214554
65	The Future of Nut Work	manikandan	23214561



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66	Through a small plant to clean a pollution	Amit	252304007
67	to reduce pollution is one of the best solution for a better environment	prisha sinha	241250007
68	Utilization Of Coal Ash by converting it into biodegradable Plastics	Anshika Gupta	252301010
69	Utilization Of Coal Ash by converting it into biodegradable Plastics	Deepanshu	252401010
70	Utilization Of Coal Ash by converting it into biodegradable Plastics	Teena Sharma	252301163
71	Water Based Ignition System ( this engine uses water as a fuel in combustion engines )	Parth Gupta	221040005
72	Water Based Ignition System ( this engine uses water as a fuel in combustion engines )	Sambhav Thakur	221040001
73	Waterless Cooler	Akash Pratap Singh	231030211
74	Waterless Cooler	Saurav Kumar	221030345
75	Waterless Cooler	Yash Tripathi	221030324

### Winners

<b>Ran k</b>	<b>Idea Title</b>	<b>Team Name</b>	<b>Nam e</b>
1	EcoGaurd: A Modular Gas Filtration System for India's High-Emission Industries.	<b>I- HALCYON (Rs 2500/)</b>	Haripriya Tripathi
			Krishna Pratap Singh
2	Gamified Eco Awareness and Vigilance : An engaging step for a greener Earth	<b>II- Hollong (Rs 1500/)</b>	Pourush Pandey
3	Autonomous Self-Burying Seed Carrier Proposal	<b>III - We are Groot (Rs 1000/)</b>	Aaditya Kumar
			Aman Kumar
			Awadhi