

INSTITUTE INNOVATION COUNCIL

Pt. Ravishankar Shukla University, Raipur [C.G.] 492010

Website: <https://www.prsu.ac.in>

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Report-“Ideathon 2024- Phase-II”

The Institute Innovation Council in association with SoS in Electronics & Photonics, Pt. Ravishankar Shukla University Conducted "Ideathon 2024- Phase-II, An Intra Institutional Start-up Idea Competition" on August 29, 2024. The final judgement of the Ideathon was conducted by a panel of six judge: 1. Shri Sanjeev Jain Retired Chief Engineer, CREDA, Raipur, 2. Prof. S. Ram Kumar Professor, Marketing IIM RAIPUR, 3. Prof. Ravindra Brahma Professor & Head, S.o.S in Economics Pt. Ravishankar Shukla University, Raipur, 4. Mrs. Namrata Ghai Director, Chhattisgarh Mushroom Processing Unit Tendua, Nava Raipur, Raipur, 5. Dr. Chandrashekhar Jatoh, Assistant Professor, Information Technology, NIT, Raipur, 6. Shri Shashank Jakodia Director, Mines Owner, Raipur.

The judges evaluated the top 12 teams based on three primary criteria: Relevance of Problem and Solution, Feasibility of Solution, and Applicability of Solution. After thorough deliberation, the judges selected the top 5 teams for their outstanding proposals.

Judging Criteria:

Relevance of Problem and Solution:

Definition: How well the problem addressed by the team aligns with current needs and challenges. The solution should be pertinent and provide clear value.

Evaluation: Teams were assessed on the clarity of the problem statement, the significance of the issue, and the effectiveness of the proposed solution in addressing the problem.

Feasibility of Solution:

Definition: The practicality of implementing the solution, including technical, financial, and logistical aspects.

Evaluation: Judges considered the solution's technical viability, resource requirements, and the team's plan for overcoming potential challenges.

Applicability of Solution:

Definition: The extent to which the solution can be applied in real-world scenarios and its potential impact on the target audience.

Evaluation: Teams were evaluated on the scalability of their solution, its integration into existing systems or processes, and its potential for broader adoption.

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12 teams and their ideas are :



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S.No	ID	Theme	Idea	Proposer	Idea Description
1.	ID-24-AG04	AG	Organic Spices - a steps towards healthy life	Akash	To solve the problem of uncertainty of healthiness in packaged spices we will create an app which will deliver this organic 'khadi masala' in original form directly from farmers. (grinded if customer demands)
2.	ID-24-AISC 09	AISC	Connectin(One Stop Connection to World)	Rutanshi Pradhan	Creation of a single app that connects student to the real world of either tech and market and ease them in getting internship , recruitment while preparing them for interviews.
3.	ID-24-RE11	RE	DYE SESITIZED SOLAR CELL	AKHIL KUMAR NAG	Dye sensitized solar cell provides low cost and recyclable solar cell with good efficiency. also it can be applicable for cloudy weather. 1. Bioethanol production from waste paper 2. Management of solid waste for eco-friendly alternative fuel bioethanol 3. Optimization of parameters to enhance bioethanol production.
4.	ID-24-RE12	RE	Carbon dioxide capture, storage and release for something useful	(Team leader) Md.khalidganj, Manas vyas, shreyanshpandey, devashishmishra	Our goal is to find efficiently capture and store carbon dioxide for various purposes by storing it we can significantly reduce emissions and promote a cleaner environment.

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S.No	ID	Theme	Idea	Proposer	Idea Description
5.	ID-24-RE13	RE	FUELING THE FUTURE: BIOETHANOL FROM WASTE PAPER RESOURCES	Swaraj (Team Leader) & Dristi	<ol style="list-style-type: none"> Bioethanol production from waste paper Management of solid waste for eco-friendly alternative fuel bioethanol Optimization of parameters to enhance bioethanol production.
6.	ID-24-RE 14	RE	Remote controlled Water body surface cleaning solar boat	Chaitanya sahu, khilleshwarsahu, jasbindarbanjaray, ayushkharay	<p>Solar-powered remote-controlled water surface cleaning boats efficiently collect garbage and deliver it for recycling and promote healthier water bodies.</p> <p>The ppt we submitted in the form is an overview of our idea.</p>
7.	ID-24-HCEC 22	HCEC	Biocompatible multi-targeted Bandages for complete wound treatment	Divya	<p>Wound healing involves complex cascade of events involving hemostasis, inflammation, proliferation and remodeling to rebuild the skin followed by tissue integrity. Chronicity of wounds towards infection can significantly impede the healing process and lead to complications at the wound site.</p> <p>Bioinspired polymer originates from natural precursor such as amino acids, phytochemicals, vitamins, polyphenols and polysaccharides which possess multi-functionalities in terms of advanced self-healing capability, anti-bacterial activity, anti-oxidation, mucoadhesion and hemostasis.</p>

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S.No	ID	Theme	Idea	Proposer	Idea Description
8.	ID-24-OB 25	OB	RASH-O-METER	ANMOL JAIN	A software to tell the driver and nearest police station if he is driving in a rash way which is dangerous for himself and others
9.	ID-24-OB 35	OB	GATEWAY PATH	ABDUL RAZZAQUE	From the given problem description, you would have come to know that there is a communication gap between the workers and service providers. So, we are using a digital platform to connect them. We are launching an APP which will send notification to both, the workers get notified with the work availability and the customer gets instant solution with free liability.
10.	ID-24-OB 37	OB	PocketLib: The Mobile Learning Revolution	Rohan kumarsahu	PocketLib: The Mobile Learning Revolution is a dynamic approach to bringing a real, tangible library(or Scientific lab) experience to rural and underserved communities. Housed within a custom-fitted vehicle, this portable library travels to locations lacking permanent library and science lab facilities, providing a rich collection of books, magazines, fun science experiments, models and educational materials. The initiative focuses on making learning accessible to all, facilitating literacy and education through a community-centered mobile hub. PocketLib not only supports educational growth but also fosters a love for reading and lifelong learning in areas where resources are scarce.

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Final results evaluated by panel of six judges, top 5 team were selected on basis of judging Criteria:

Pt. Ravishankar Shukla University, Raipur, (C.G)
IDEATHON-2024
Final Result (Phase-II) Date : 29/08/2024

S.No	ID	Proposer	IDEA	Marks	Remark
1.	ID-24-HCEC-22	Divya	Biocompatible multi-targeted Bandages for complete wound treatment	35.83	Top 1 st
2.	ID-24-AISC-09	Rutanshi Pradhan	Connectin(One Stop Connection to World)	34.83	Top 2 nd
3.	ID-24-OB-35	ABDUL RAZZAQUE	GATEWAY PATH	34	Top 3 rd
4.	ID-24-OB-25	ANMOL JAIN	RASH-O-METER	30	Top 4 th
5.	ID-24-RE-14	Chaitanya sahu, khileshwar sahu, jashindar banjaray, ayush kharay	Remote controlled Water body surface cleaning solar boat	29.5	Top 5 th
6.	ID-24-RE-13	Swaraj (L) Dristi	FUELING THE FUTURE: BIOETHANOL FROM WASTE PAPER RESOURCES	25	
7.	ID-24-OB-39	Devendra sahu (L), Yuvraj sahu, DipaliMansar	UPI Smart Spend	22.5	
8.	ID-24-OB-42	Abhishek baghel	Neutracount	21.6	
9.	ID-24-AG-04	Akash	Organic Spices - a steps towards healthy life Production of Virus-free Banana Plants using In-Vitro Viral Eradication Techniques.	00	
10.	ID-24-RE-12	(Team leader) Md.khalid ganj, Manas vyas, Shreyansh pandey, Devashish mishra	Carbon dioxide capture, storage and release for something useful	00	
11.	ID-24-RE-11	AKHIL KUMAR NAG	DYE SESITIZED SOLAR CELL	00	
12.	ID-24-OB-37	Rohan kumarsahu	PocketLib: The Mobile Learning Revolution	00	

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