

Report of Innovation and Entrepreneurship Out reach Program in Schools/ Community

1. Name of the Activity: Idea Generation Workshop

2. Objective:

- a. To Identify young talent who will contribute to the innovation process in future
- b. To identify innovative idea for incubation and Mentoring
- c. To encourage innovation among School Children's
- d. To enhance community outreach

3. Benefit in terms of Learning/Skill/Knowledge obtained:

- a. A number of ideas were peer review and discussed leading to dissemination of Knowledge
- b. Some key ideas were identified for future prototype creation and application
- c. Areas for future research were identified and the spin of effect is expected to be significant

4. Date: 27th August 2024

5. Duration: One Day

6. External Participants, If any: 11

7. Student Participants: 26

8. Faculty Participants: 6

9. Expenditure incurred if any: Rs.5000/-

10. Photograph







11. Social Media Link : (at least one from the options below)

a. Facebook Link : <https://www.facebook.com/share/TLbk7DvMbunimKp5/?mibextid=oFDknk>

b. Twitter Link :

<https://x.com/Ignoutrivandru1/status/1828410174735864177?t=tTfQMaaST5uehcJyRo1nKw&s=08>

c. Instagram Link : https://www.instagram.com/p/C_LGRJtvbcf/?utm_source=ig_web_copy_link

12. A brief report of the event of about 200 words.

As instructed by NCIDE vide email dated 7th June 2024, IGNOU Regional Centre Trivandrum under the auspices of the innovation hub called for submission of innovative ideas from school children's from 8th to 12th Standard. In response to the same 25 ideas in different sections were reviewed at the Regional Centre. The area in which the ideas were received are as follows:

- Suraksha Software for Children Safety
- Anti Sleep Alaram for Truck Drivers
- Smart Bollards for a better sidewalk
- Smart Dustbin
- Hydroponic Farming (Still Model)
- Nuclear Battery
- Thrive Trove
- Miyawaki Afforestation and land Use Changes to Mitigate Landslides in Sloppy Mountain
- Microbes in Everyday Life
- Biogas Plant
- Obstacle Avoiding Robot
- Introduction to Line Following Robot
- Hydroponic Farming (Working Model)
- Science and Technology for a Sustainable Future
- Smart City
- Water Bulb
- Green Chemistry (Bio Plastics)
- Assistive devices for disabled individuals
- Magnetic Field Breaker Device

The students who submitted the ideas were invited for a workshop on 27th August 2024 in which their ideas were discussed thread bare. Once the ideas were presented, these were evaluated by a panel of two experts- Dr. T. R Satyakeerthy and Shri. Sajith G. The best three ideas were rewarded with a cash prize and a certificate. The ideas identified as the best were as follows:

1. Title of the idea : Suraksha Software for Children Safety
Student who Summited the Idea : Saathwik J
Class / Standrad : X
2. Title of the idea : Anti Sleep Alaram for Truck Drivers
Students who Summited the Idea : Aswanth &Gautham P Nair
Class / Standard : XI

3. Title of the idea : Smart Bollards for a better sidewalk
Students who Summited the Idea : Devanarayanan J S
Class / Standard : VIII
4. Title of the idea : Smart Dustbin
Students who Summited the Idea : Dhruva Lijish
Class / Standard : IX

The award for the best ideas and the certificate of participation were given by Shri. R Sanjayan, Director Bharatheeya Vichara Kendra Thiruvananthapuram at a glittering ceremony on 27th August,2024 (Evening).

Dr. M Rajesh,
Senior Regional Director
IGNOU Regional Centre Trivandrum