

Monitoring Plan for Innovation Hub

Mandatory inputs for the month of: October 2022

1. Name of the Unit/Sc. Centre: Arunachal Pradesh Science Centre

2. Date of inauguration of innovation hub: 8 December 2018

3. Area of the innovation hub: 2500 sq

4. List of activities undertaken:

a. Ideation, Electronic & Robotics Awareness Programme:

A month-long workshop on ideation, electronics & robotics was conducted by Innovation Hub, Arunachal Pradesh Science Centre at different schools of Itanagar capital region. The main objective of the programme was to inculcate the young minds about innovation and basic electronics as per their syllabus to encourage them for a positive future in the field of science & technology. To ignite the mind of young students' brain storming session was conducted in their school and ideas were collected from them. Basic knowledge about electronic was imparted through hands on learning. At last robotics awareness was conducted and they were introduced about its programming, working, and function of sensors and motors.



19th Oct; Govt Upper Primary School Dikrong Colony, Nirjuli



20th Oct: Govt Higher Secondary School Kankarnala, Naharlagun



21th Oct: Govt Middle School Lekhi



26th Oct: Govt Upper Primary School Papunallah



27th Oct: Govt Secondary School Pachin colony, Naharlagun



31th Oct: Govt Upper Primary School Borun

b. Lego Ev3 Robotics Training Programme

Lego Ev3 robotic Competition has been scheduled on 8 December 2022. Three higher secondary school from Itanagar capital region has been selected and are given training on every Sunday and elimination are also being conducted at Innovation hub Itanagar. The best group from each school will be representing their school in the competition.

2nd Oct: Exam was conducted to test logical and reasoning skill of the Lego ev3 programming and last elimination was conducted.



c. Govt Upper Primary School Papunallah Visit:

On 30th October students from Govt Upper Primary School Papunallah visited Innovation hub. Introduction to ideation and hands on activity of robotics was also conducted. Chemistry practical based on their syllabus was also performed and mentor also introduced all the facilities available in innovation hub. The main motive of the innovation hub is to encourage innovation and bring all the innovative idea into reality.



5. No. of creative projects undertaken along with the list:
6. No. of best nominated projects along with the list:
7. No. of students participated:268
8. Name of the school groups participated:
 - a. Govt Upper Primary School Dikrong Colony, Nirjuli
 - b. Govt Higher Secondary School kankernallah
 - c. Govt Middle School, Lekhi
 - d. Govt upper Primary School papunallah
 - e. Govt Secondary School Pachin Colony
 - f. Govt Upper Primary School Borun
 - g. Govt Higher Secondary School Arunodaya
 - h. Govt Higher Secondary School Itanagar
 - i. Govt Higher Secondary School Ganga
9. Whether formation of a local advisory committee comprising of members from different segments of the society is completed?
(If yes, please enclose the list of members of the committee)
10. Whether network with communities has been set up?
(If yes, please give the details)
11. Whether the information about your innovation hub has been included in the website of your Centre/institution?

<http://ardst.arunachal.gov.in/innovation-hub/>
12. List out the challenging ideas received from idea box:
- 13.No. of family innovation contests organized with dates:
- 14.No. of parent child joint innovation projects organized along with the list:
- 15.No. of community innovation fairs organized (dates, duration, and list of activities):
- 16.No. of innovative design contests organized:

- 17.No. of short orientation camps for Civil servants and public administrators organized (dates & duration and list of activities):
- 18.No. of educational and research institutions, Science Clubs, NGOs, Corporate Bodies associated with the innovation hub:
- 19.A brief description on action taken for publicity and sponsorships for innovation hubs:
- 20.No. of innovative products developed for copyright/patent along with the list:
 - a. “A modified Arra” by Bengia Ama- patent initiated by NIF
- 21.No. of Individual Members in the Innovation Hub: 73
- 22.No. of Institutional Members in the Innovation Hub: 03
- 23.No. of students/teachers/parents/invited public who were exposed to the Innovation Hub during the month:1021