

# Monitoring Plan for Innovation Hub

Mandatory inputs for the month of: February 2024

---

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

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

3. Area of the innovation hub: 2500 sq

4. List of activities undertaken:

a. **13 February: School Visit by Vivekananda Kendra Vidyalaya, Vivek Vihar**

A group of 83 students from Vivekananda Kendra Vidyalaya, Vivek Vihar embarked on an educational tour to the Science Centre. During their visit, they were imparted with knowledge about the scientific principles behind magic and had the chance to explore the cutting-edge facilities of the innovation hub. This engaging and informative experience not only broadened their understanding of science but also sparked their curiosity, fostering a deeper appreciation for the wonders of innovation. Total participant: 88



**b. 17<sup>th</sup> February 2024: Outreach programme on Startup & Innovation:**

A workshop on innovation and identifying startup problems was successfully organized with students from Vivekananda Kendra Vidyalaya, Chimpu. The distinguished resource persons, Innovator Ha Tade and Avang Wangsu, generously shared their invaluable experiences. The objective of the workshop was to underscore the paramount importance of innovation in today's dynamic world. During the engaging brainstorming session, students were encouraged to explore creative solutions, reinforcing the notion that innovation is the key driver of progress and success in the entrepreneurial realm. The workshop aimed to inspire and empower the students to approach problem-solving with a fresh and inventive perspective, thereby laying the foundation for their future endeavors in the startup ecosystem. Total participant: 45





**c. 21 February 2024: Weeklong celebration on the eve of National Science Day: Quiz Competition**

During the week-long celebration of National Science Day, a quiz competition was organized for students in classes 6 and 7. A total of six teams, each consisting of two students, participated from three different schools: VKV Chimpu, VKV Vivek Vihar, and KV No.2. The competition comprised five rounds, testing their knowledge in general knowledge, syllabus comprehension, "It's All Relative," identifying the scientist, and a rapid-fire round. The VKV Chimpu team emerged as the winner, with KV No.2 securing the first runner-up position and VKV Vivek Vihar claiming the second runner-up spot. Total participant: 30



**d. 22 to 23 February 2024: Representation in Innovation Festival**

Two students hailing from the North Eastern Regional Institute of Science and Technology (NERIST) proudly showcased their innovative project, "Sewage Sense," at the Innovation Festival 2024 held at the Regional Science Centre in Guwahati, representing the state of Arunachal Pradesh. Their project not only garnered attention but also underscored their commitment to addressing pressing environmental concerns. "Sewage Sense" epitomizes their dedication to sustainable solutions by offering a comprehensive and intelligent approach to managing sewage systems, demonstrating a harmonious blend of technological ingenuity and environmental consciousness. The duo's participation not only showcased their academic prowess but also highlighted their role as forward-thinking contributors to the scientific community. the state.



e. **27 February 2024: Weeklong celebration on the eve of National Science Day: Waste to wealth Competition**

During the week-long National Science Day celebration, a pivotal event took place in the form of a waste-to-wealth competition. This competition not only exemplified innovative solutions for environmental sustainability but also provided a platform for insightful discussions led by two eminent speakers, Dr. Swapna Acharjee and Dr. Bengia Chirchi. Delving into the realms of STEM (Science, Technology, Engineering, and Mathematics), Dr. Swapna Acharjee shed light on the significance of encouraging girls to pursue careers in these fields. Her discourse underscored the importance of inclusivity and diversity in STEM, emphasizing the untapped potential that lies within the female demographic. Dr. Bengia Chirchi, on the other hand, addressed critical issues related to women's health and hygiene. Her presentation not only raised awareness about these vital topics but also highlighted the need for comprehensive and accessible healthcare solutions for women. Together, these discussions served to inspire, educate, and foster a deeper understanding of both the transformative power of STEM and the essential aspects of women's health and hygiene in our society. Total participant: 56





**f. 28 February 2024: National Science Day: project making and painting competition**

On the eve of National Science Day, a project-making and painting competition was organized, amplifying the spirit of scientific inquiry and creativity. The event aimed not only to celebrate the scientific achievements of the past but also to encourage a new generation of thinkers and innovators. As part of the commemoration, a film screening on the life of C.V. Raman, the renowned physicist and Nobel laureate, was arranged. This cinematic exploration delved into Raman's groundbreaking contributions to science, offering a captivating narrative of his life and discoveries. National Science Day itself, observed annually on February 28th in honor of Sir C.V. Raman's discovery of the Raman Effect, serves as a tribute to the remarkable advancements in science and technology. It provides a platform to promote scientific temper, cultivate curiosity, and foster a deeper appreciation for the role of science in shaping our world. The combination of the project competition, painting event, and the enlightening film screening contributed to a vibrant and comprehensive celebration of National Science Day. Total participant: 28



**g. 29 February 2024: Weeklong celebration on the eve of National Science Day: Hands on Science Experiment**

On the eve of National Science Day, a hands-on science experiment session was organized, encompassing the realms of Physics, Chemistry, Biology, and Mathematics. The experiments spanned various disciplines, with specific activities tailored to each subject. In Chemistry, participants engaged in acid-base experiments, exploring the intricate reactions between different substances. The biology segment focused on microscopic observations of stomata, allowing participants to delve into the fascinating world of plant biology. Mathematics enthusiasts explored the concepts of shape and area through interactive exercises, fostering a practical understanding of geometric principles. Lastly, the Physics session involved experiments with mirrors and lenses, unraveling the complexities of optics and light. This multifaceted hands-on approach not only brought scientific concepts to life but also provided participants with a holistic and engaging experience, enhancing their appreciation for the diverse facets of science. Total participant: 18



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: 265
8. Name of the school groups participated:
  - a. VIVEKANANDA KENDRA VIDYALAYA, ITNAGAR
  - b. VIVEKANANDA KENDRA VIDYALAYA, VIVEK VIHAR
  - c. KENDRA VIDYALAYA NO.2
  - d. VIVEKANANDA KENDRA CENTRAL SCHOOL
  - e. NERIST
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:
- 21.No. of Individual Members in the Innovation Hub: 78
- 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: 3,184