

Monitoring Plan for Innovation Hub

Mandatory inputs for the month of: November 2023

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. **November 4th to November 11th, 2023: "Bengia Ama, Indian Innovator, to Represent Nation in Prestigious Sakura Science High School Programme in Japan"**

Bengia Ama's participation in the Sakura Science High School Programme in Japan, scheduled from November 4th to November 11th, 2023, marks a significant milestone in his innovative journey. This renowned program, organized by the Japan Science and Technology Agency (JST), is designed to foster international collaboration and exchange of scientific knowledge among young talents. Selected through a rigorous process, Mr. Ama, a Silver Medalist at the 9th National Level Exhibition and Project Competition (NLEPC), stands out among the 59 students chosen from India.

The Sakura Science High School Programme provides a platform for participants to engage in hands-on scientific research, workshops, and interactions with leading Japanese researchers and students. The program aims to deepen participants' understanding of cutting-edge research and technology while promoting cross-cultural understanding. Mr. Ama's involvement not only reflects his individual accomplishments but also signifies India's contribution to the global scientific community. His journey to Japan is anticipated to enhance his skills, broaden his perspectives, and contribute to the ongoing collaboration between India and Japan in the field of science and innovation.



b. 10 November 2023: Ayurvedic day

Arunachal Pradesh Science Centre hosted a commendable event featuring Ms. Yumbi B Yongam, Senior Scientific Officer, and Ms. Chukhu Yaka, Assistant Scientific Officer, as resource persons. The event, attended by students from Guardian Angel School, focused on the Identification and Importance of medicinal plants in the vicinity of the Arunachal Pradesh Science Centre. Under the guidance of the resource persons, students actively engaged in learning about the rich biodiversity of medicinal plants around the campus. Furthermore, a hands-on herbarium-making session was organized, providing valuable practical insights into preserving and documenting the region's botanical heritage. This initiative not only celebrated Ayurvedic principles but also instilled a deeper appreciation for the ecological wealth of Arunachal Pradesh among the participating students. Total 30 Participants



c. 10 November: State Level Science Drama Competition:

The State Level Science Drama Competition, centered around the overarching theme "Science and Technologies for the Benefit of Mankind" with diverse sub-themes including "Millets - the Superfood," "Food Security," "Modern Technology in Daily Life," "Current Advances in Health Care," and "Superstition in Society," witnessed enthusiastic participation from six schools. VKV Chimpu secured the coveted first place, skillfully portraying the multifaceted impact of Superstition in Society. Government Higher Secondary School Arunodaya claimed the 1st runner-up position, while Mallo Tarin Government Higher Secondary School earned the title of 2nd runner-up. VKV Chimpu outstanding performance earned them the opportunity to advance to the zonal level, hosted at the Regional Science Centre in Guwahati, underscoring the educational and creative value of such competitions in fostering scientific awareness among students. Total 100 participants



d. **11th November: Micro-Bit, Lego EV3, and Game Development Competition Training (November 11 to December 8, 2023)**

The training initiative on Micro-Bit, Lego EV3, and Game Development Competition commenced on November 11th, with invitations extended to 33 schools; however, participation was realized from 9 schools. Throughout the training, participants engaged in hands-on sessions, mastering the intricacies of Micro-Bit and Lego EV3 technologies, exploring their applications in innovative projects. The competition, scheduled for December 8, 2023, features an elimination round during the training, allowing the top three schools to advance to the final Micro-Bit and Lego competition. Additionally, the open category Game Development Competition promises a diverse array of creative projects. This comprehensive training not only equips students with technical skills but also serves as a platform for collaborative learning and inventive problem-solving in the realms of Micro-Bit, Lego EV3, and game development. Total 300 participants



e. **14th November: Educational Visit Zion School:**

Zion School students embarked on a captivating educational visit that offered an immersive experience at the science center, innovation hub, and space education theater. The students were introduced to the wonders of science through interactive exhibits, hands-on activities, and engaging demonstrations at the science center. In the innovation hub, they gained insights into cutting-edge technologies, fostering a spirit of innovation and creativity. The space education theater provided a cosmic journey, igniting their curiosity about the universe. This multifaceted visit not only enriched their scientific knowledge but also sparked inspiration for future explorations and pursuits in the realms of science and innovation. Total 90 participants



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: 520
8. Name of the school groups participated:
 - a. MALLO TARIN GOVT HIGHER SECONDARY SCHOOL, ITANAGAR
 - b. GUARDIAN ANGEL SCHOOL, ITANAGAR
 - c. ZION PRIMARY SCHOOL, ITANAGAR
 - d. HOLY CROSS SCHOOL, ITANAGAR
 - e. GOVT UPPER PRIMARY SCHOOL, NITI VIHAR
 - f. GOVT SECONDARY SCHOOL, POLICE COLONY
 - g. LITTLE FLOWER SCHOOL, CHIMPU
 - h. GOVT SECONDARY SCHOOL, P-SECTOR
 - i. VIVEKANANDA KENDRA VIDYALAYA, ITNAGAR
 - j. VIVEKANANDA KENDRA VIDYALAYA, VIVEK VIHAR
 - k. HIM INTERNATIONAL SCHOOL, JOLLANG
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: 1922