



Monthly Report Of Innovation Hub Arunachal Pradesh Science Centre For February 2022

Submitted to:

**Innovation Cell
National Council of Science Museums
Ministry of Culture, Govt. of India
33, BLOCK-GN, SECTOR-5
Bidhan Nagar, Kolkata, 700091**

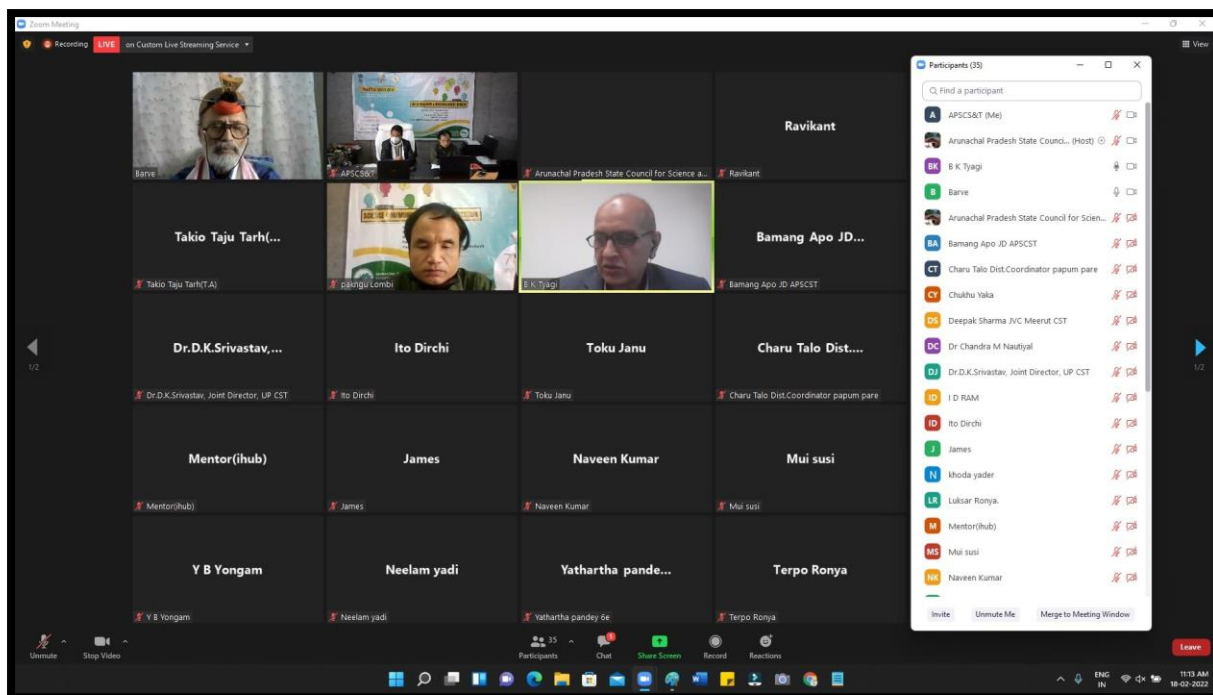


Submitted by:

**Arunachal Pradesh Science Centre
A.P State Council for Science & Technology
Department of Science & Technology
Government of Arunachal Pradesh
IG – Park, Itanagar - 791111**

18th February: Vigyan Utsav

Arunachal Pradesh State Council for Science & Technology Successfully organized Vigyan Mahotsav as a part of Azadi ka Amrit Mahotsav on the theme - "Science Communication & Popularization". Total participants: 35



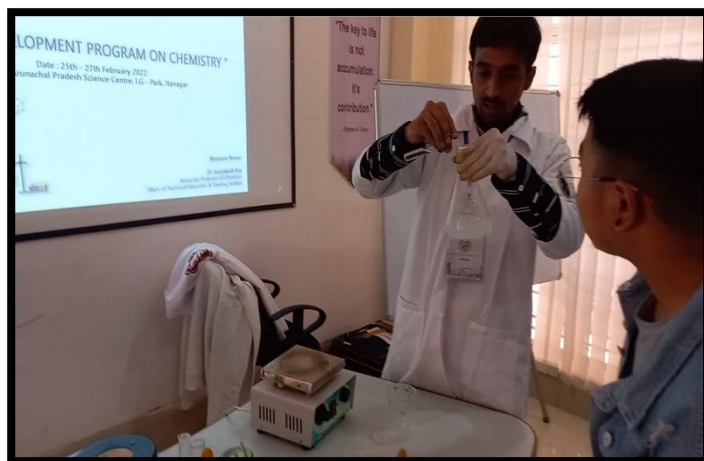
FACULTY DEVELOPMENT PROGRAM ON **HANDS ON SCHOOL LEVEL CHEMISTRY** **PRACTICAL**

Arunachal Pradesh Science Centre under the aegis of Arunachal Pradesh State Council for Science & technology, Itanagar conducted a 3-day faculty development program with resource person Dr. Suprakash Roy, Senior lecturer, Department of technical education and training, Govt. of West Bengal on the topic **“Hands on school level chemistry practical”** dated 25th to 27th February 2022. A total no. of 21 participants participated among them there were teacher from different schools, B.Ed students and M.Sc final year students from department of chemistry (RGU).

Topics covered during this programme:

1. Organic practical (test for unsaturation, Aldehyde, Phenolic -OH, -COOH group, Amine, Ketone, Alcoholic -OH, Primary, Secondary & Tertiary alcohol).
2. Recrystallization Process Organic & Inorganic samples.
3. Chromatography.
4. PFC test.
5. Chemical behind magic.
6. Inorganic salt analysis by flame test, dry test & wet test.
7. Complex salt preparation.
8. Synthesis of polymer & collection.
9. Lecture on: Idea Innovation & Technology.

Chemistry education plays an important role in enhancing the quality of teaching, research and development as well as ensuring that students are equipped with good knowledge to produce intensive good and services to mean human needs for food, health care products and other materials aimed at improving the quality of life. Current educational policy suggests that chemistry teachers must make chemistry education “more relevant” to better motivate their students and interest them in chemistry studies. These 'hands-on' activities support the development of practical skills, and help to shape teachers/students' understanding of scientific concepts and phenomena. A further consequence of experiencing practical work, particularly in chemistry, is the acquisition of an understanding of hazard, risk and safe working.



Vigyan Sarvatra Pujayate

week-long celebration, 22nd -28th February 2022

Govt. of India is celebrating a year-long programme Azadi Ka Amrit Mahotsav to pay homage and showcase India's achievements in the 75 years of independence. The Govt. of India's science and Technology organization in close partnership with state agencies are leveraging this 'Mahotsav' as an opportunity,

- a) To celebrate S&T achievement over the 75 years through programmes that inspire our youth and help them navigate into building a progressive nation.
- b) To bring to the fore stories of people in science who made these achievements possible including some who we know about and some we don't.
- c) To reinforce the commitment of the scientific community towards the economic and social development of the country.
- d) To highlight the work being done by R&D organization from across the country and ideas as they lead science and technology efforts on the road to 2047.

The Amrit Mahotsav Science Showcase also title Vigyan Sarvatra Pujayate (February 22-28, 2022) display the scientific legacy and technology prowess that have helped find solutions to problems in defense, space, health, agriculture, astronomy, and others. The event is jointly organized by DST, DBT, CSIR, MoES, DAE, DOS, ICMR, AICTE, and DRDO under the leadership of the Office of the Principal Scientific Adviser to the Govt. Of India and the Ministry of Culture. ***Vigyan Prasara*** has been given the responsibility for coordinating the events.

Total 75 locations all over the country are selected for the program. Itanagar, Arunachal Pradesh is one of the selected locations. **Arunachal Pradesh State Council for Science & Technology** being a state coordinator organized the week-long programme. **Arunachal Pradesh Science Centre** is chosen as venue to exhibit mega expo, book fair, screening of films and lecture.

Total participants: 1500

Day 1: Inaugural Day (22nd February 2022)

The Arunachal Pradesh State Council for Science and Technology has organized the inaugural function of the weeklong Vigyan Sarvatra Pujayate. At the inaugural function, **Shri. BamangMangha**, Hon'ble Chairman APSCS&T (Chief Guest) and **Shri. Ajay Chagti** (IAS), Secretary, Science & Technology, Govt. of Arunachal Pradesh as a Guest of Honour and **Dr. T Madan Mohan**, Consultant, DBT-Kimin, APSCS&T as a Special Guest have presided over the function. The function started with a welcome cultural program by students of Donyi Polo Mission School for Hearing and Visually Impaired, chimpu, Itanagar followed by lighting of a ceremonial lamp.



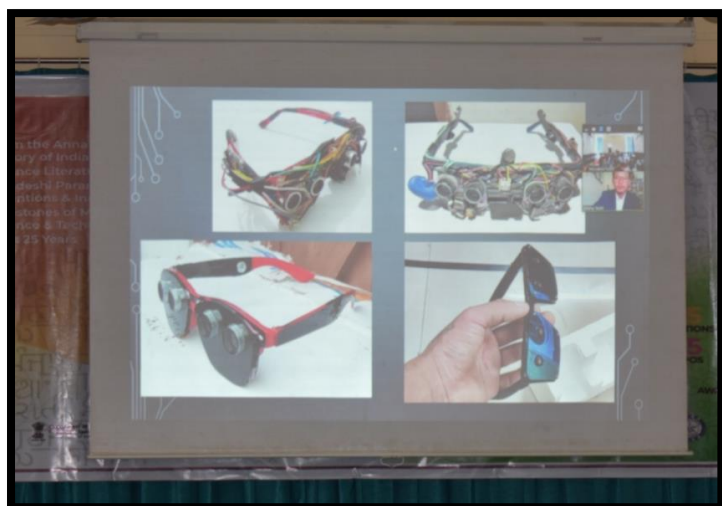
Day 2 : Annals of the History of Indian Science (23rd February 2022)



Day 3-Milestones of Modern Indian Science & Technology
(24th February 2022)



Day 4: Swadeshi- Paramparik Inventions & Innovations
(25th February 2022)



Day 5: Science Literature Festival (26th February 2022)



Day 6: Science & Technology for Next 25 years
(27th February 2022)



Day 7: Valedictory Function (28th February 2022)



Individual membership	62
Institutional membership	03

Total Program Participants	:1556
General total visitor	:986
Cumulative total visitor	:23390