



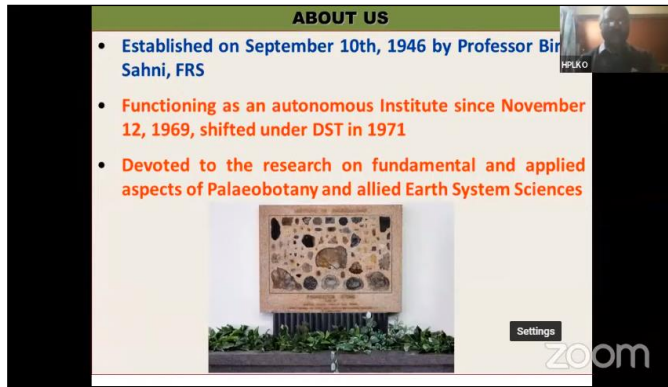
In-house Training Programme on Taxonomy from 14-Dec-2021 to 18-Dec-2021



In - House Training Programme on Horticulture on 15.12.2021



In-House Training Programme on Oil Extraction from 14.12.2021 to 18.12. 2021



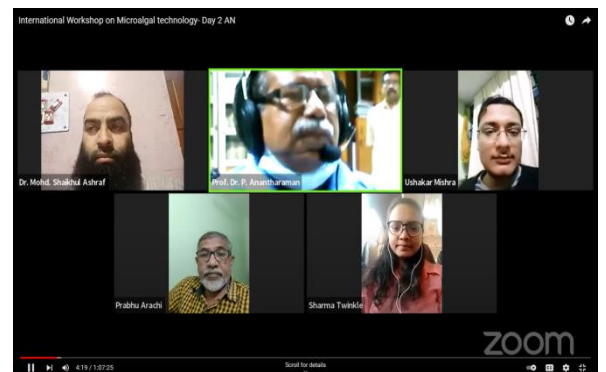
Invited Lecture on BSIP: The Home to Study Fossils and Allied Sciences on 4.12.2021



Invited Lecture on Human Wildlife Conflict Mitigation on 17.12.2021



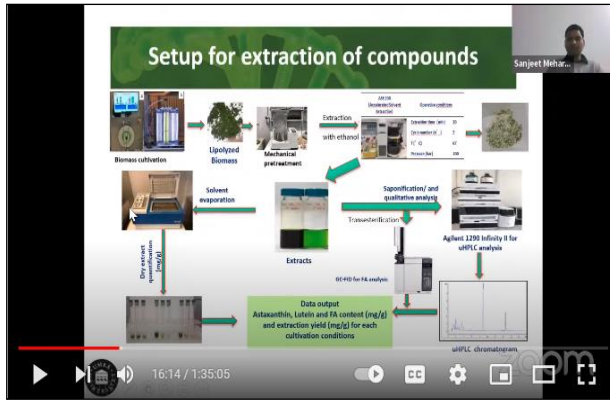
Workshop on Baking for Beginners from 21.12.2021 to 22.12.2021



Workshop on Microalgal Technology from 16.2.2022 to 18.2.2022



Faculty Development Programme on “Intellectual Property Rights” from 21.02.2022 to 25.02.2022



International Webinar on Climate Change and Future Challenges from 3.03.2022 to 4.03.2022



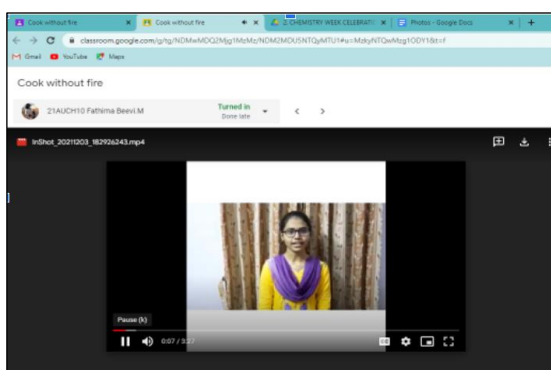
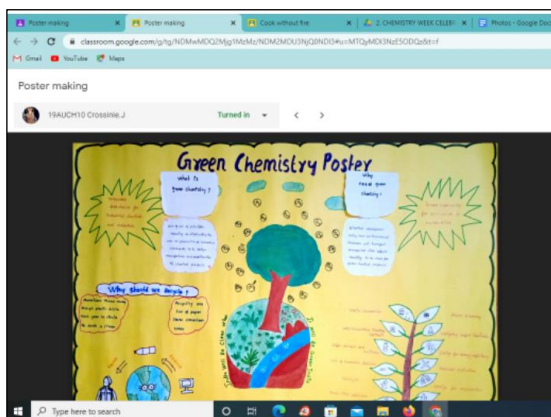
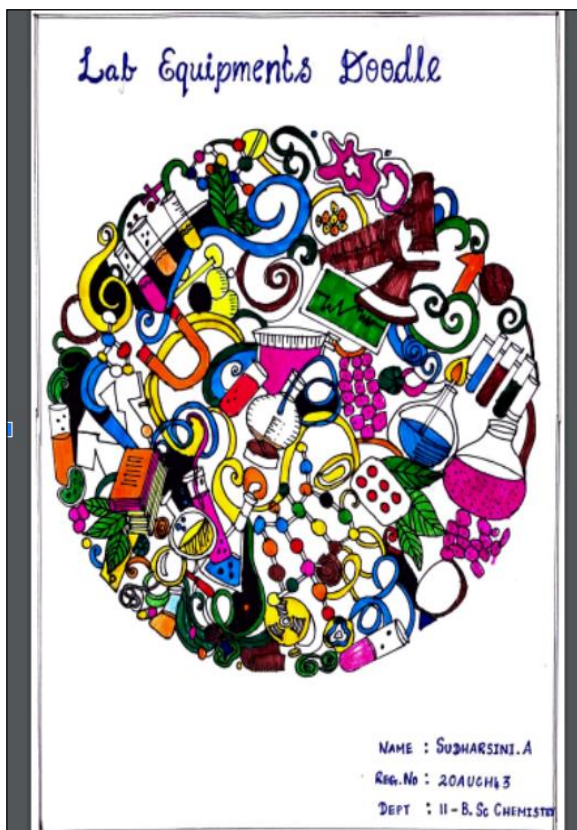
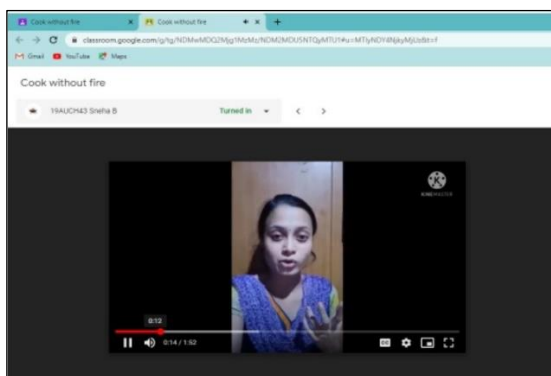
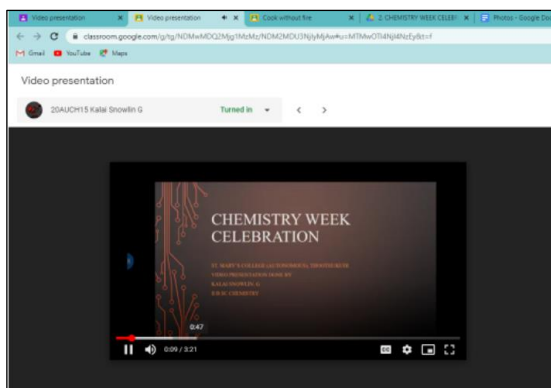
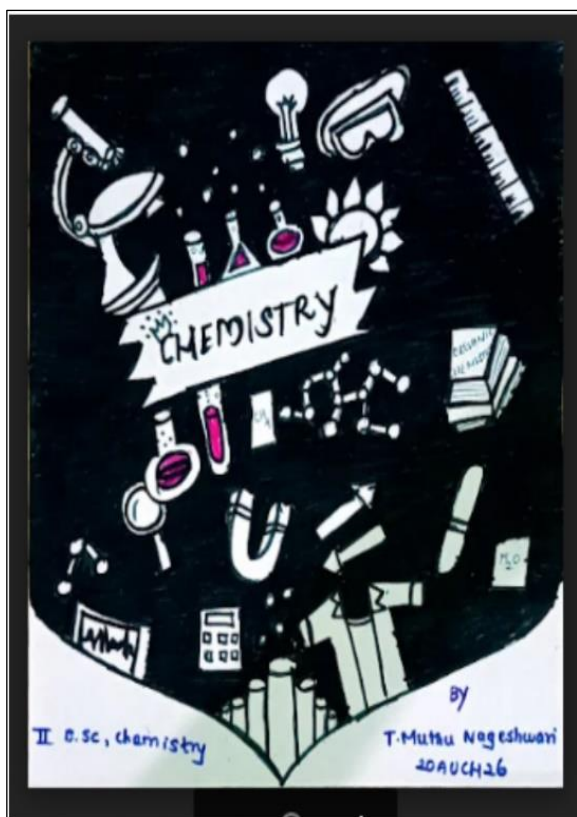
In-Service Training Programme in Biology on 23.03.22



Field trip to Long Wood Shola, Kothagiri and Government Botanical Garden, Ooty from 01.04.22 & 02.04.2022



Inauguration Ceremony of Caussanel Science Club on 11th April, 2022



Chemistry Week Celebration from 29.11.2021 to 04.12.2021



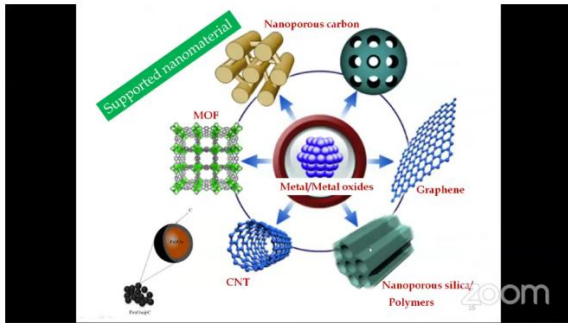
Inhouse training on SOIL ANALYSIS Using Mini Soil Lab for III B.Sc. CHEMISTRY on 14.12.2021



Inhouse training on Autoanalyser for III B.Sc CHEMISTRY on 14.12.2021



Inhouse training on SOIL ANALYSIS Using Mini Soil Lab for II B.Sc. CHEMISTRY on 15.12.2021



Drug Delivery

- Definition
 - The appropriate administration of drugs through various routes in the body for the purpose of improving health
 - It is highly interdisciplinary
 - It is not a young field
 - It has recently evolved to take into consideration
 - Drug physico-chemical properties
 - Body effects and interactions
 - Improvement of drug effect
 - Patient comfort and well being

Controlled Drug Delivery

International Webinar on “Impact of Nanobiotechnology in the Field of Medicine” on 16th &17th Dec.2021



Inhouse training on Autoanalyser for II B.Sc Zoology on 17.12.2021



Inhouse training on Autoanalyser for II B.Sc CHEMISTRY on 18.12.2021

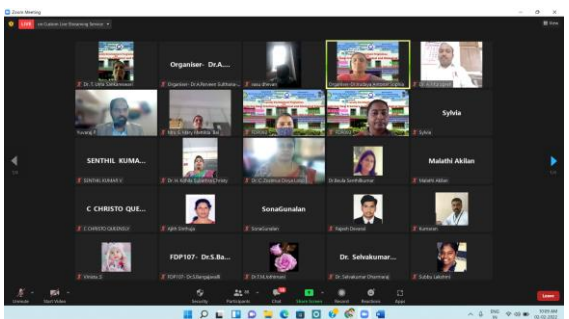
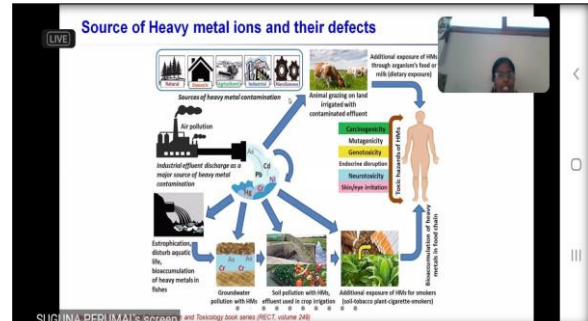
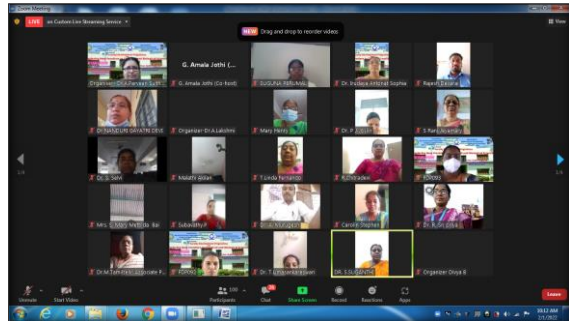


Inhouse Training on “Teaching and Learning Mathematics Through Error Analysis” on 4th & 5th Jan 2022



Overview

1. Brief Intro about myself and Structural Biology
2. Brief Intro about the project
3. Predicted three new Heme Binding protein families
4. **DUF2470 domain containing protein family**
Protein production and Heme binding studies
Structure of DUF2470 and its complex with heme
New structural Paradigm in Heme Binding
Mutagenesis studies
Proposal of its biological function
5. **DUF2470 fused with PNPO domain – Similar to GluTRBP protein family**
Heme binding and degradation studies of HBPP
Structure of HBPP reveals new metal binding sites
6. Summary and Conclusion



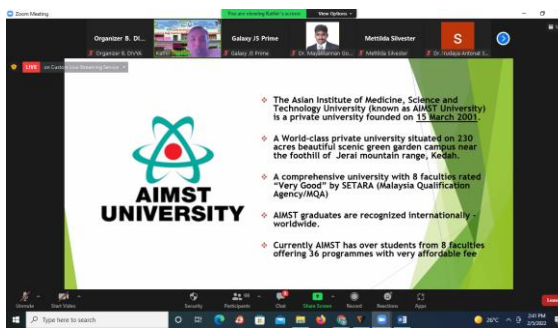
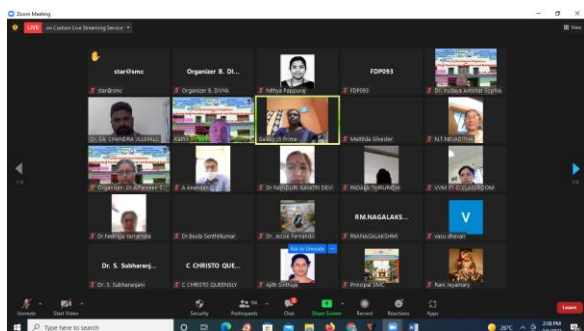
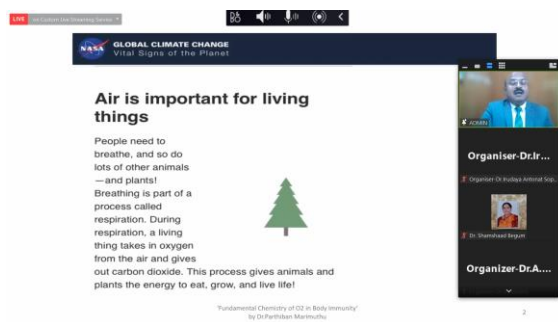
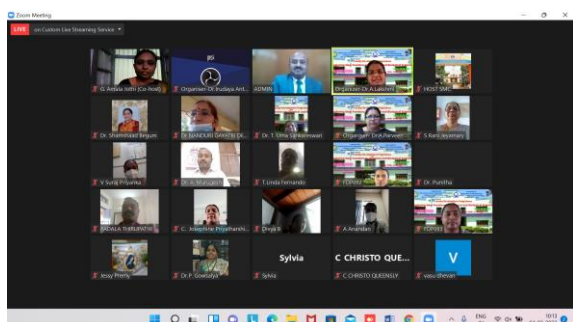
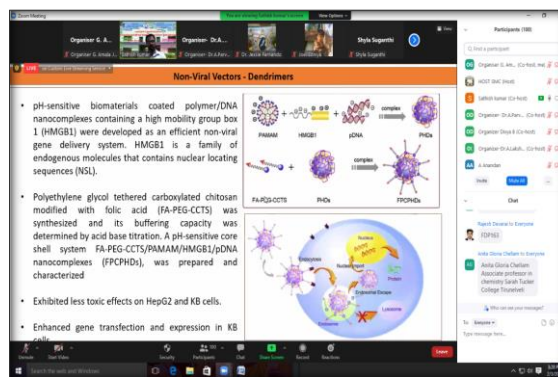
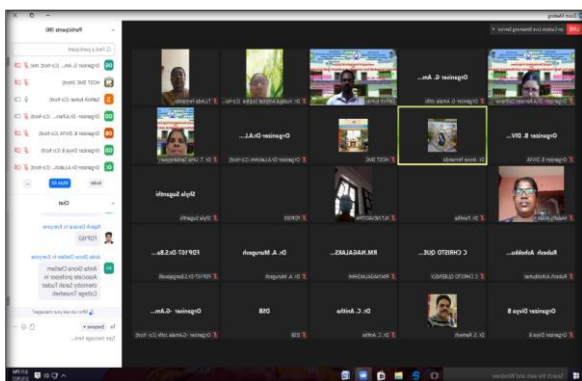
Synthesis of biologically active small molecules using sustainable C–H Activation approach and their Medicinal Application

Faculty Development programme on Exploring New Frontiers in Chemical and Biological Science at St.Mary's college

Dr. Panneerselvam Yuvaraj
Senior Scientist

CSIR- North East Institute of Science & Technology
Jorhat, Assam

02/02/2022



One Week online FDP on “Exploring New Frontiers in Chemical and biological Sciences from 31st Jan-5th Feb 2022



Hands on Training on “Fundamentals of Computational Chemistry and Molecular Simulation” on 16.2.2022



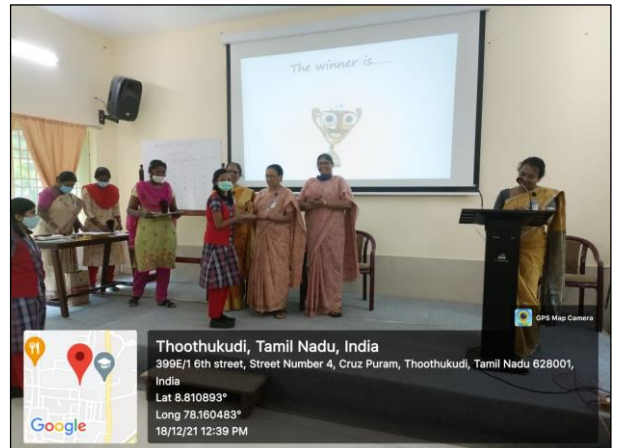
Inservice Training Programme for School Teachers on 23.03.2022



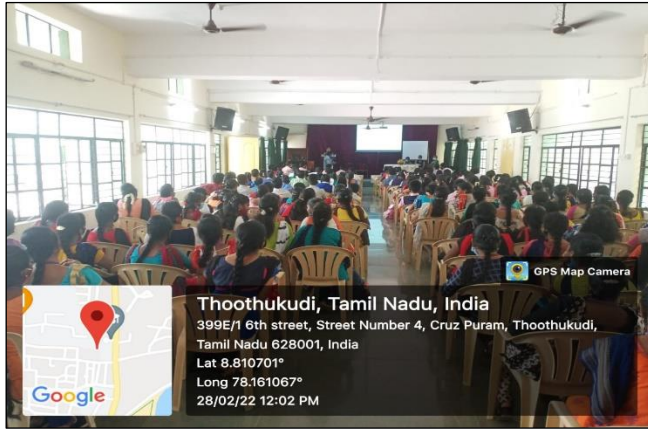
National Science Day Celebration on 1.3.2022



Interdepartmental Science Quiz'22 – 24.2.2022



Interschool Quiz for 6th to 8th Std Students on 18.12.2021



Interschool Science Quiz for 9th & 10th on 28.2.2022



Marian Star Science Expo on 10.3.2022 & 11.3.2022

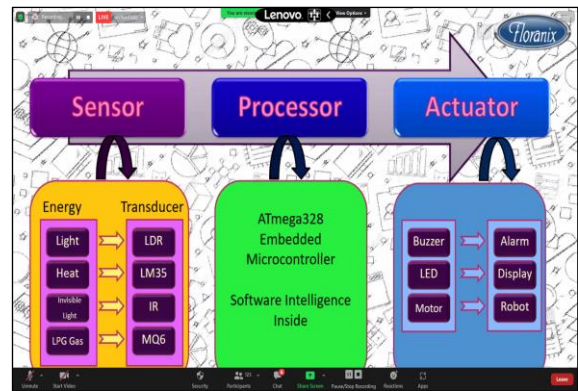
Lenovo ADDRESSING MODES :
 8085 SUPPORTS 4 Types of Addressing modes:

1. **Immediate Addressing:** deals with constant data
 – 8bit or 16bit

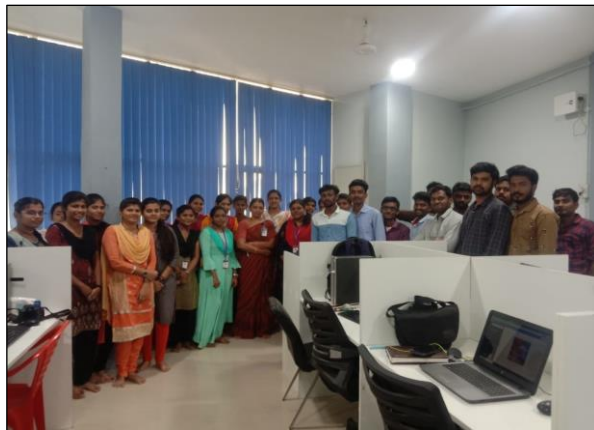
Source : 8 bit or 16 bit constant
 Destination : Register/ Memory 8 bit
 or Register pair / Mem 16 bit
 (rp : HL, DE or BC) (16-bit data/address; 8050 H)

Valid Format : [reg – A,B,C,D,E,H,L]; XX data – 00H to FFH

i) MVI reg , XX H (8 bit data) → MVI A, 05 H
 ii) MVI Mem , XX H (8 bit data) → MVI M, 05 H
 iii) LXI rp, XXXXH (16bitdata) → LXI H, 8050 H



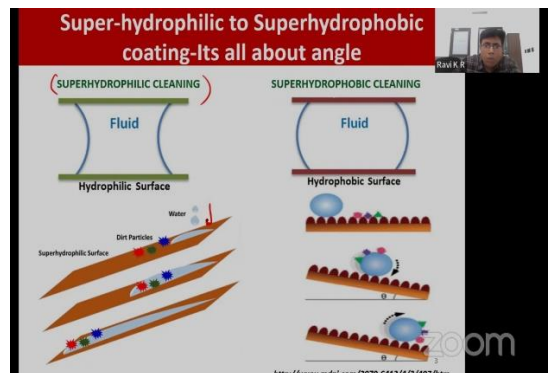
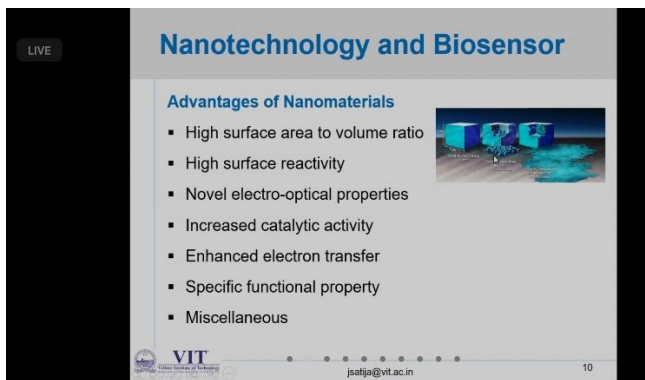
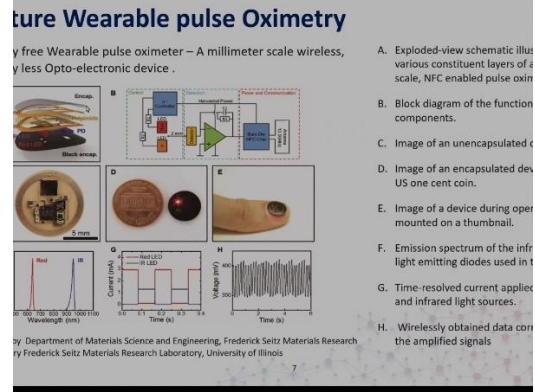
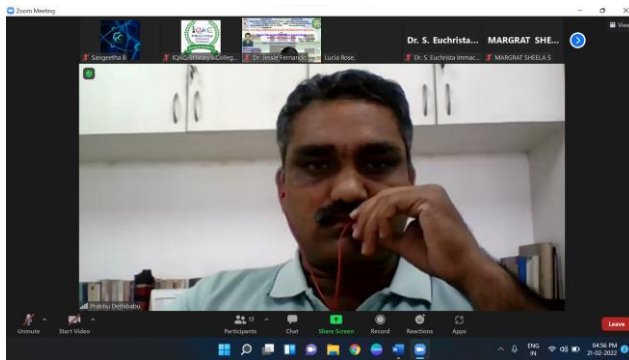
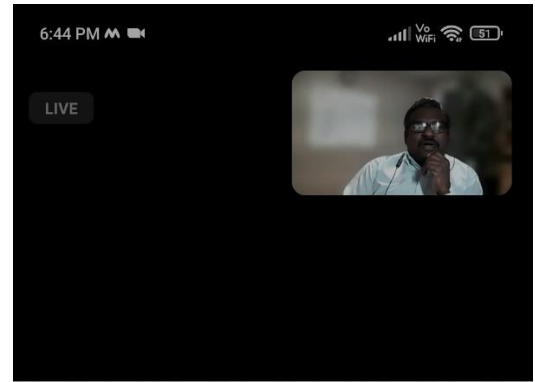
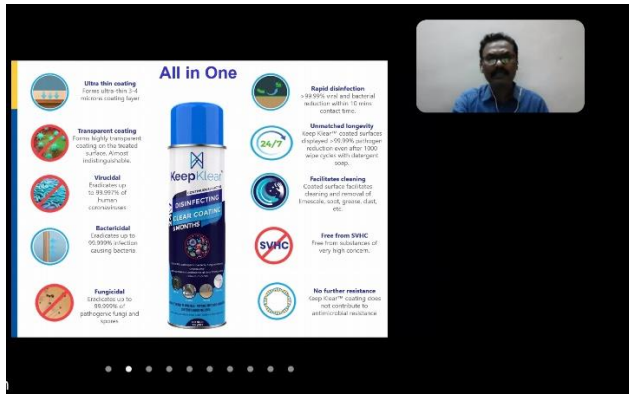
**Two Days National Webinar on
 Microprocessor and Microcontroller for College Students 08.12.2021 &
 09.12.2021**



**Training on “e - mapping” in Digisailor Software Company, Thoothukudi from
 13.12.2021 to 22.12.2021**



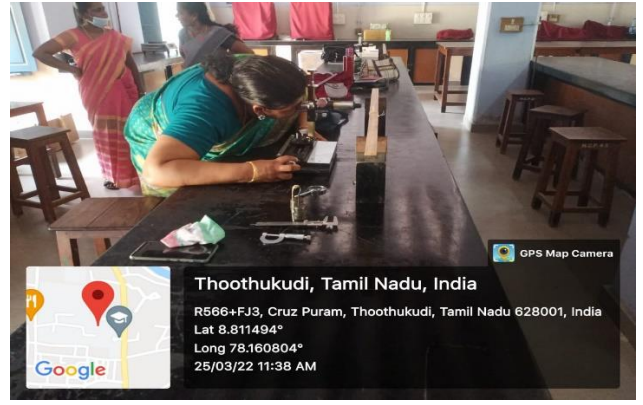
**Three Days Intercollegiate Lecture cum Hands on Training in Practical Physics
 from 15.12.2021 - 17.12.2021**



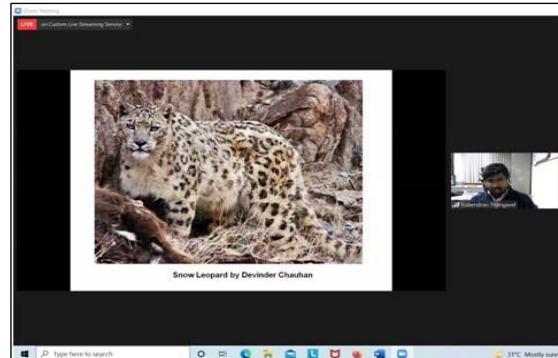
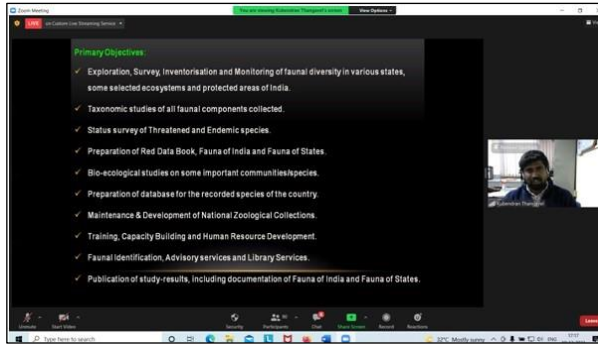
Five days International Faculty Development Programme on Smart Materials for New Technology from 18.02.2022 to 23.02.2022



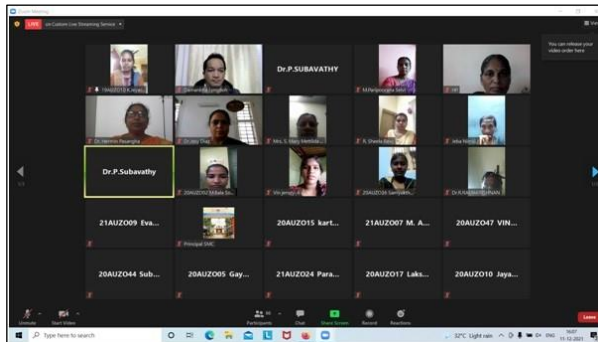
Hands on training "Crystal Growth" on 14.02.2022



Inservice Training Programme for School Teachers on 25.03.2022



National Webinar on Aquatic Insects on 10.12.2021



National Webinar on Helminth Parasites on 11.12.2021



Webinar on Webinar on Chemical Pesticides versus Natural Pesticides for Safe Storage of Food Grains from Insect Pests on 28.01.2022



Training programme on Breeding and Culture of Ornamental Fishes on 18.12.2021



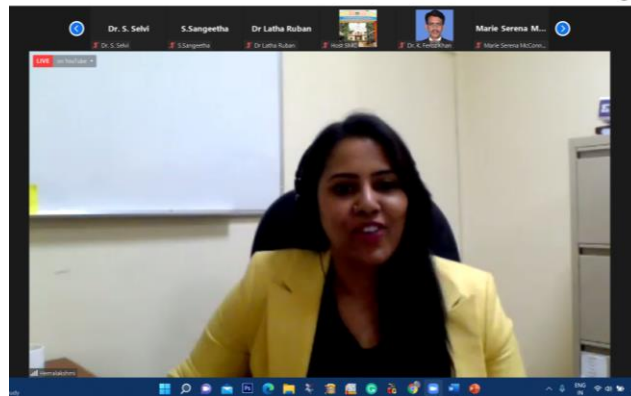
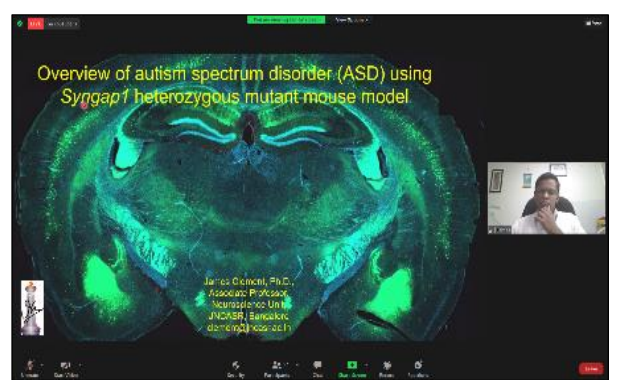
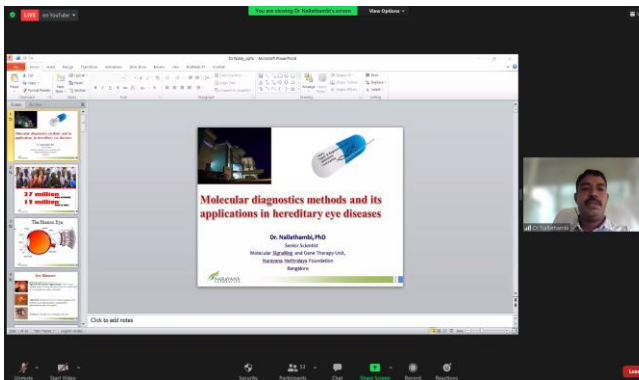
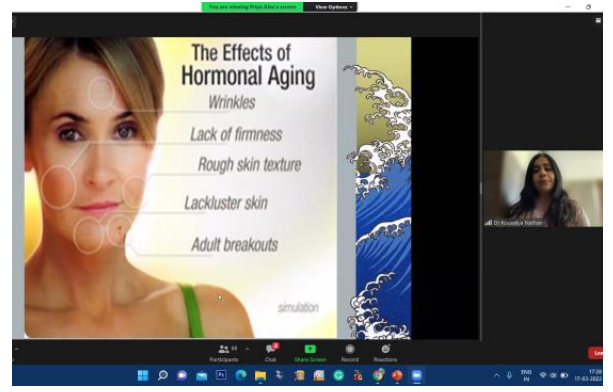
Training programme on clinical Laboratory Technology from 13.12.2021 to 18.12.2021



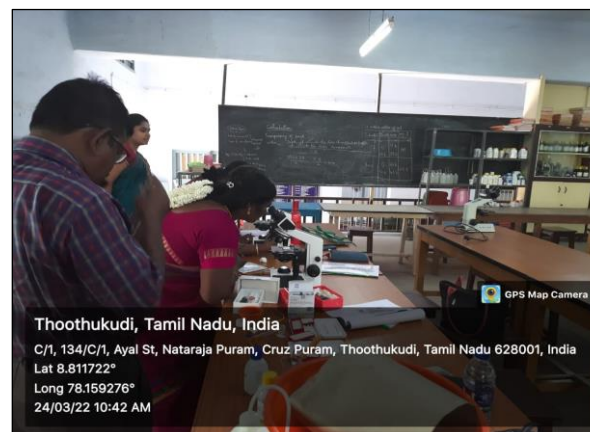
Training programme on Isolation of DNA and Electrophoretic Techniques from 15.12.2021 to 18.12.2021



Training programme on Sparrow Conservation on 12.03.2022



**International FDP on Biotechnological Innovations in Health Care from 14.03.2022
To 18.03.2022**



In-Service Training Programme in Biology on 23.03.22



Field visit to AVM Hospital, Thoothukudi on 16.12.2021



Educational trip to Chennai on 19.04.2022 and 20.04.2022