

# DBT-STAR COLLEGE SCHEME - SNAPSHOTS OF ACTIVITIES

## DEPARTMENT OF PHYSICS

### Training Received by Faculty

Handling of Analytical Instruments in Basic Sciences – 25.03.2021



Mr.S.Thiagarajan explaining the handling of Analytical Instruments

National Science Day Celebration - 01.03.2021

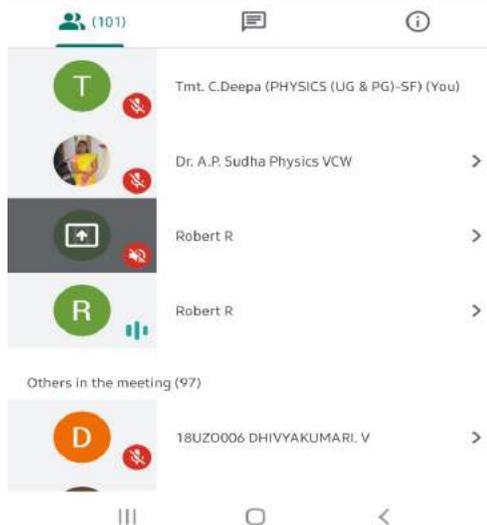
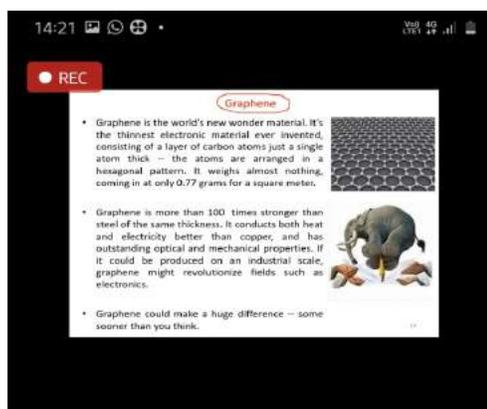


Inauguration of National Science Day Celebration



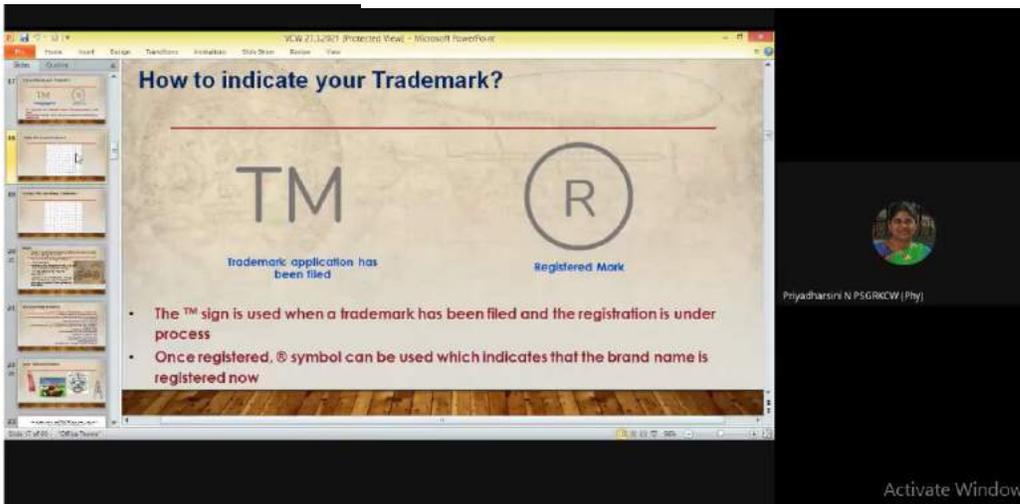
Dr.P.Lalitha interacting with the students on National Science Day

Webinar  
E-Waste Management 06.02.2021



Dr.R.Robert Delivering Lecture on E-Waste Management

## How to Product Our Innovations through IPR – 27.03.2021



Dr.N.Priyadharsini explained about how to product our innovations through IPR

## Workshop Solar Cell Assembly and Installation – 16.02.2021 & 17.02.2021



Student acquiring knowledge on Solar Cell Assembly and Installation from Mr.G.K.Shanmugasundaram

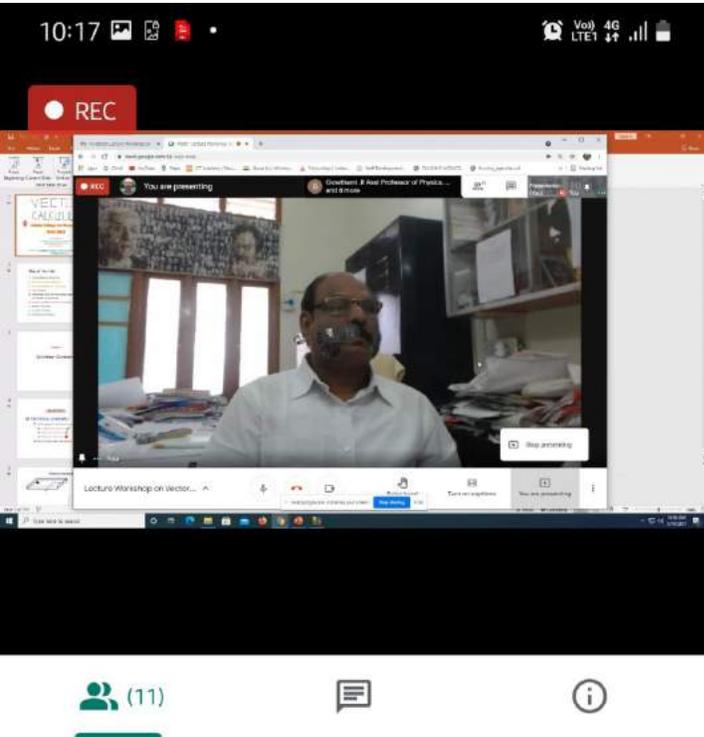
## Quantitative Aptitude & Logical Reasoning Skills for Competitive Exams - 15.03.2021 & 16.03.2021



Mr.N.Loganathan clarifying the doubts on Quantitative Aptitude & Logical Reasoning Skills

## Vector Calculations & Quantum Mechanics

19.03.2021 & 20.03.2021



Dr.M.Senthilvelan provide basic insights in vector calculus and Quantum

## Principles and Applications of Analytical Instruments – 24.03.2021



Dr.D.Sathya Narayanan delivers a lecture on Principles and Applications of Analytical Instruments

## Training Programmes

Assembly Language Programme – 8085 Microprocessor - 25.02.2021 & 26.02.2021



Mr.R.Vigneshwaran explains Assembly language Programme – 8085 Microprocessor

Troubleshooting Techniques for  
Microprocessor 8085 and 8086 -27.02.2021



Mr.R.Vigneshwaran explains trouble shooting  
of 8085 & 8086 Microprocessors

Testing and Measuring Digital Instruments  
06.03.2021



Students imparted knowledge on test and measuring  
digital instruments from Mr.S.Senthil

Learning Electronics through Experiments - 08.03.2021 & 09.03.2021



Learning Electronics through Simple Experiments by Dr.S.Gunasekaran

Introduction to IoT and Exploring Arduino UNO Microcontroller - 10.03.2021



Inaugural Ceremony



Dr.P.B.Pankajavalli explains technical  
specifications of ARDUINO UNO

Smart Phone Servicing - 17.03.2021 & 18.03.2021



Resource Persons teaching about how to identify and resolve hardware fault in mobile phone

Instrument Maintenance & Safety Aspects  
24.03.2021



Mr.S.Thiagarajan explains about effective Instrument Maintenance & Safety Aspects

Introduction to Robotics and Controllers Concept  
25.03.2021



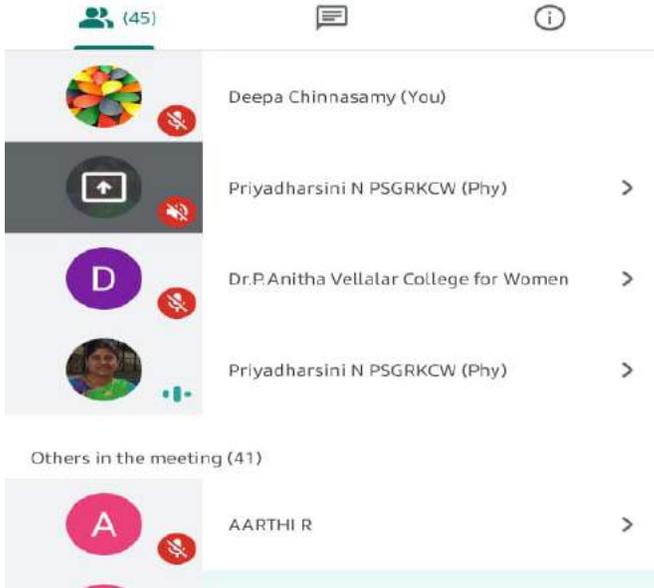
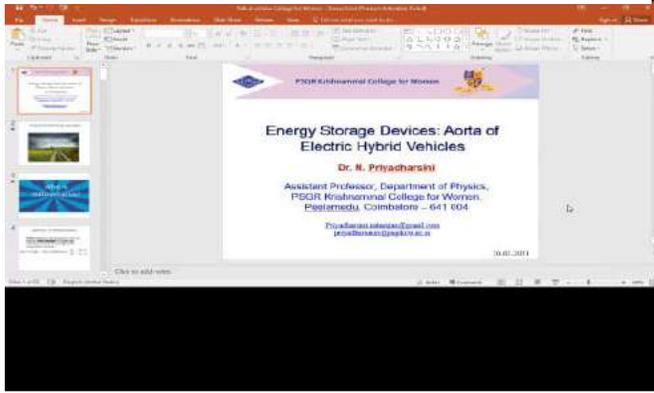
Mrs.S.Sowmiya demonstrate obstacle avoidance robot

Invited/Guest Lectures  
Entrepreneurship Development Programme for Women – 05.02.2021



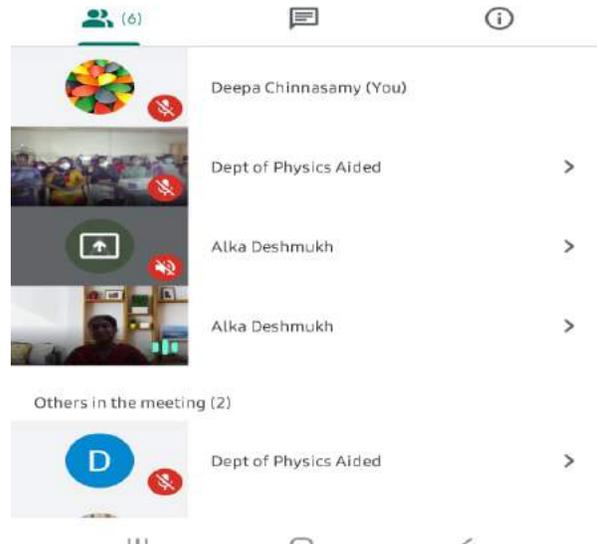
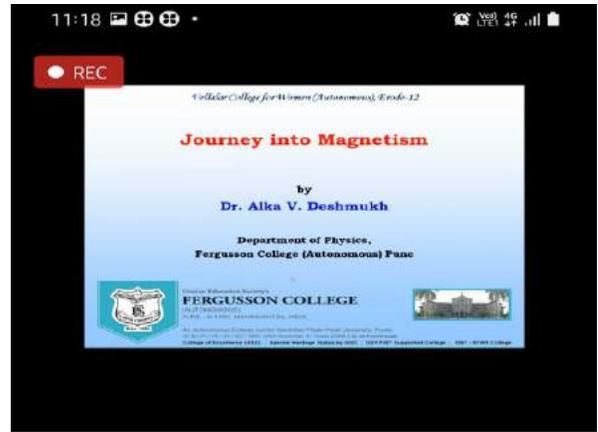
Dr.J..Daniel Chellappa interacting with students about the path to become a successful women entrepreneur

Energy Storage Devices: Aorta of Electric Hybrid  
20.02.2021



Dr.N.Priyadharsini speaks current scenario of supercapacitors in Hybrid vehicle

Journey into Magnetism  
16.03.2021



Dr.Alka V.Deshmukh discuss about magnetism and its application in everyday Life

Awareness Programme  
Health Education – Viral Infections - 13.02.2021



Inaugural Ceremony

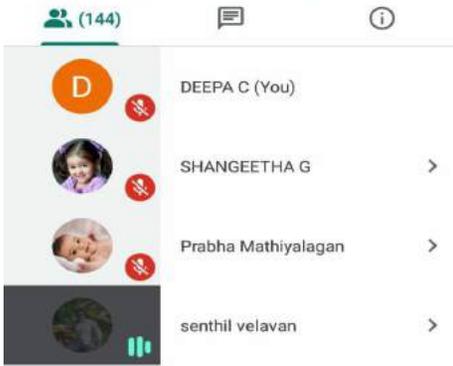


Dr.K.S.Anandhi taught about causes and symptoms of viral infection

Awareness on Novel Corona Virus–A Gobar Pandemic  
31.07.2020



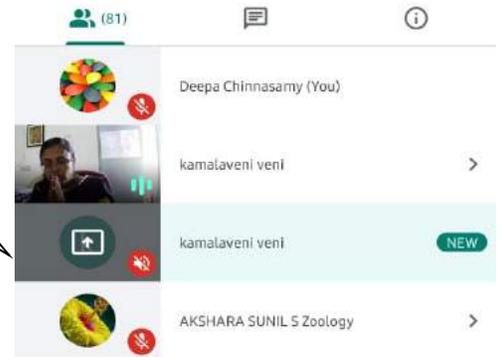
Dr. Senthil Velavan talks on novel corona virus causes, symptoms and precautionary measures



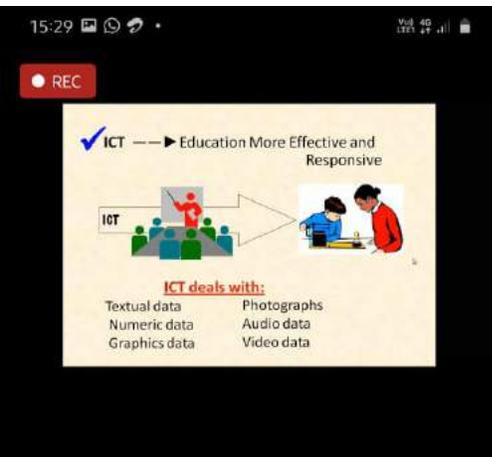
Dr. Kamalaveni interact on need and importance of Gender Sensitization

Faculty Development Programme

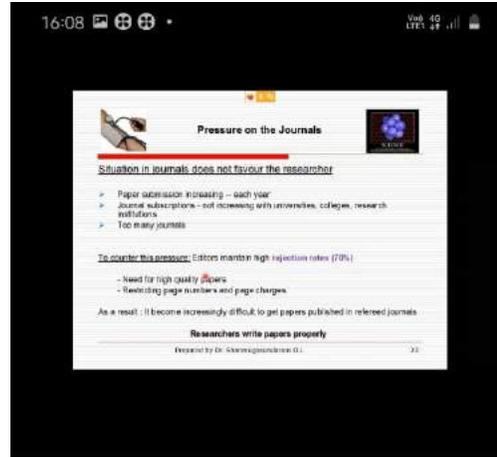
Gender Sensitization – 18.02.2021



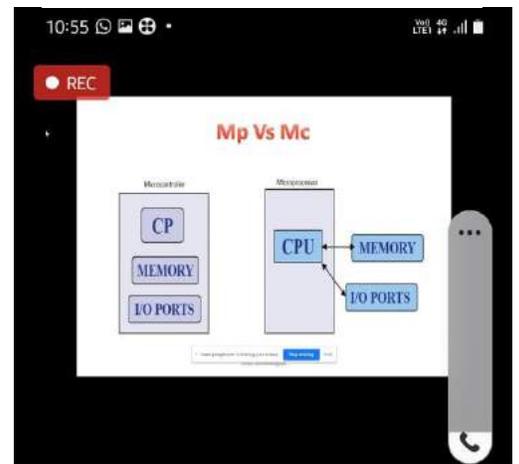
ICT Tools and Techniques for Education – 21.08.2020



Steps to Organize Manuscript for Publication in Peer Reviewed Journals  
24.08.2020



Applications of Arduino in Life Science – 19.02.2021



Dr. R.V. Mahendra Gowda taught about various applications of ICT Tools in education

Dr. O.L. Shanmugasundaram explains manuscript preparation techniques

Applications of IoT in life Science explained by Mr. K. Aravinth