



KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

NANJANAPURAM, ERODE - 638 107

DEPARTMENT OF PHYSICS

Vocabulary Enhancement Activities on 29.01.2022

**Objective:** To explore unknown words with its correct meaning to use daily

**Outcome:** Learnt new words that can be used day-to-day

I B. Sc Physics (2021-2024 batch)  
NA

Instructions Student work

### Vocabulary Enhancement Activities

Mairhlee K Nagaraju · Jan 28  
5 points Due Jan 29

Definition, Synonym, Antonyms, Keywords  
Minimum 10  
Write it in your PE note and book and submit your scanned copy here

Class comments

Add class comment

Instructions Student work

13 0  
Turned in Assigned

All

 21UPHY004 KEERTHANAA SRI Keerthana Sri.pdf Turned in	 21UPHY012 SUKITA Sukita.pdf Turned in	 21UPHY007 Miracline Jebastina Miracline.pdf Turned in	 21UPHY003 KEERTHANA S.P S.P.Keerthana 29.01.2022 Turned in	 21UPHY005 Keerthi Keerthi.pdf Turned in late
 21UPHY006 Madhan Madhan.pdf Turned in late	 21UPHY009 NIHA ANAND Niha Anand.pdf Turned in	 21UPHY010 PRABHAVATHI.S Prabhavathi.pdf Turned in	 21UPHY011 PRIYADARSHINI Priyadarshini.pdf Turned in	 DEEPSHIKA RAJASEKARAN Deepshika.pdf Turned in late
 21UPHY008 NANDHITHA RANGANATHAN Nandhitha.pdf Turned in	 21UPHY002 Jelsiya T Jelsiya.pdf Turned in late	 21UPHY013 VIMAL RAJ.S Vimalraj.pdf Turned in late		

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DEPARTMENT OF PHYSICS  
KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)  
ERODE - 638 107.**



**Dr. N. RAMAN  
PRINCIPAL,  
KONGU ARTS AND SCIENCE COLLEGE  
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# KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

NANJANAPURAM, ERODE - 638 107

## DEPARTMENT OF PHYSICS

### Video content creation on "Good acoustics of buildings" on 25.01.2022

**Objective:** To acquire knowledge of Acoustics in Contemporary construction

**Outcome:** Students gained the practical knowledge about acoustics such as noise control, acoustical tools, good absorbing materials, etc., while constructing the building by creating video content

The screenshot displays a Blackboard LMS interface for a course titled "B. Sc Physics (2021-2024 batch)". The main content area shows an assignment titled "Create a video on 'good acoustics of building'" by Mathilee K Nagaraju, dated Jan 25, 2022, with a due date of Jan 25, 2022, and worth 5 points. The assignment instructions state: "Video duration may be of 2 minutes based on requirement. First introduce yourself then start speaking on the topic." Below the instructions, there is a "Class comments" section. A sidebar on the left lists all students, and a central grid shows 13 video thumbnails submitted by students. A video player at the bottom displays a 3D architectural rendering of a building interior with various acoustic treatments like panels and absorbers.

*[Signature]*  
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*[Signature]*  
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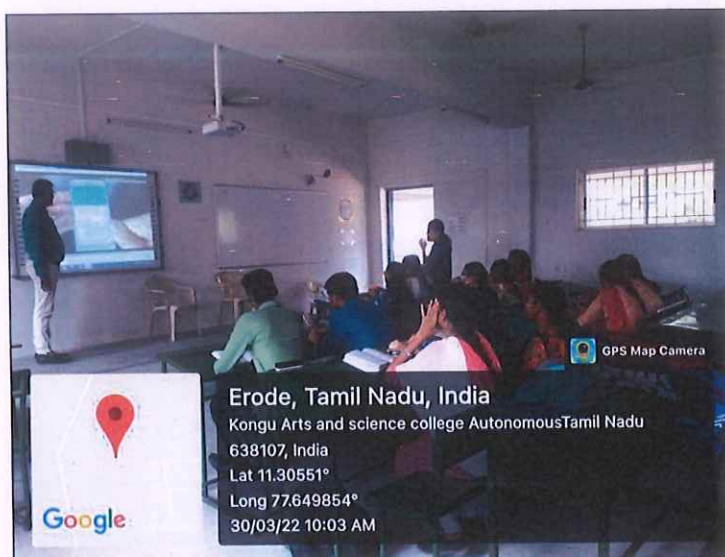
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**DEPARTMENT OF PHYSICS**

**Watching videos and answering questions and summarizing the content on 30.03.2022**

**Objective:** To watch the video and students are made to answer the question that follows and are asked to summarize on the content

**Outcome:** Enhanced listening, analyzing and summarizing skills of the students



*R. Chellu*  
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*Dr. N. Raman*  
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**DEPARTMENT OF PHYSICS**

**Group Discussion on 30.03.2022**

**Objective:** Discussion on formulae and problems on Statistical Physics

**Outcome:** General knowledge on problems that are commonly asked in entrance examinations



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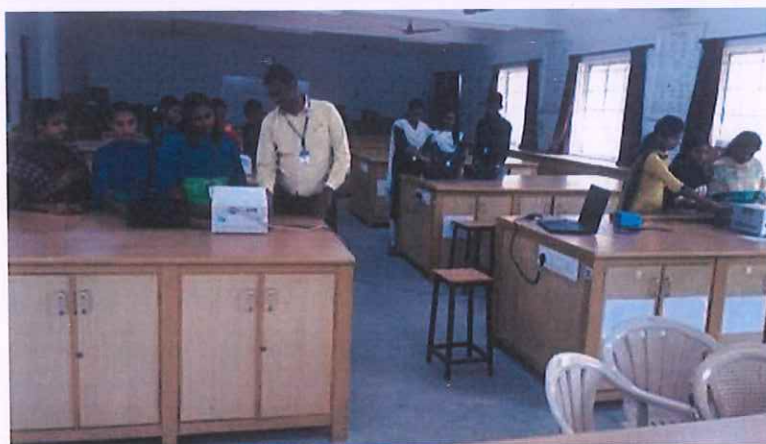
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**DEPARTMENT OF PHYSICS  
Skill Development Training on**

**“Basic Lab Equipments”- 05.10.2021**

A Skill Development Training on “Basic Lab Equipments” was organized by the Department of Physics to I B.Sc., Physics Students. During the training, students were instilled with the working principles of basic lab equipments by our faculty members. Students were taught about the proper handling of instruments like DSO, CRO, IC regulated power supply, Function generator, Ballistic Galvanometer, etc., First Year UG students (13) gained practical knowledge on Physics Laboratory Equipments.



*R. Chellu*  
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*N. Raman*  
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DEPARTMENT OF PHYSICS

A Two Day Inter Disciplinary Capacity Building Programme on "Aptitude Made Easy"

22.11.2021 & 23.11.2021

(Funded with DBT Star College Scheme)

Organized by

Department of Physics and Mathematics

**KONGU ARTS AND SCIENCE COLLEGE**  
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**DEPARTMENT OF MATHEMATICS AND PHYSICS**  
(Recognized and Funded under DBT Star College Scheme)

**A Two Day**  
**Inter Disciplinary Capacity Building Programme**  
ON  
**Aptitude Made Easy**  
Engage and Compete with Ease

**Resource Person**  
  
Mr. N. Loganathan,  
Managing Director,  
Mullai Academy,  
Karur.

**Programme Objective :** To improve problem solving, analytical and number crunching capabilities of students appearing for competitive exams.


**Date :** 22.11.2021 & 23.11.2021  
**Time :** 9.30 a.m. to 4.15 p.m.  
**Venue :** Ramanujan Hall

**KONGU**  
Aptitude Made Easy


**SKILL**  
EXPERIENCE ABILITY CAPACITY  
TRAINING LEARNING KNOWLEDGE  
CONFIDENCE PROBLEM SOLVING

A Two Day Inter Disciplinary Capacity Building Programme on "Aptitude Made Easy" was organized under DBT Star College Scheme with Mr. N. Loganathan, Managing Director, Mullai Academy, Karur, for our I B. Sc., Mathematics and I & II B. Sc., Physics students. During the training, the trainer addressed the gathering on aptitude. Students were taught about tricks and tactics on problem solving, analytical and number crunching capabilities. Further, students were motivated to attend competitive exams by solving problems in an easy manner. 72 students (Physics-40 & Mathematics-32) gained the knowledge on problem solving skills.



  
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**Dr. N. RAMAN**  
**PRINCIPAL,**  
**KONGU ARTS AND SCIENCE COLLEGE**  
**(AUTONOMOUS)**  
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KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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DEPARTMENT OF PHYSICS

Vibrant Association

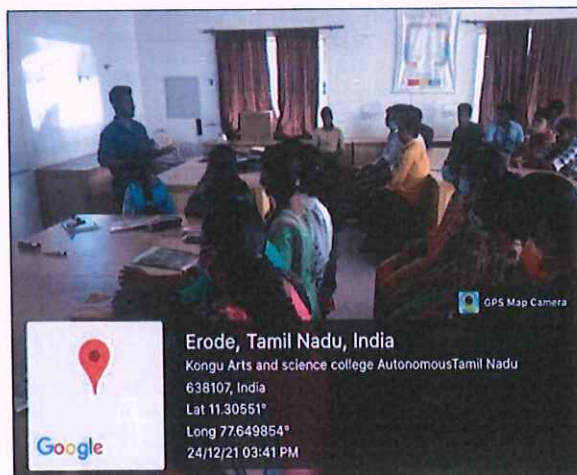
A Two Day Skill Development Training on "Functional Components of Mobile Phone"


23.12.2021 & 24.12.2021

(Funded with DBT Star College Scheme)


A Two Day Skill Development Training on Functional Components of Mobile Phone was organized under DBT Star College Scheme by the trainers of New Technology, Coimbatore. During the workshop, trainers addressed the students on the principles of basic electronics and mechanism of mobile phone components. Students were taught about the structure of smart phone. Further, replacement of phone display, microphone, speaker and small electronic components was trained. Also, the opening of mobile phone in case of unrecoverable password was demonstrated and made the students to experience hands on environment on the same. 37 II Year UG students (Physics -27; Mathematics - 10) gained practical comprehension of smart phone servicing.

Kongu Arts and Science College  
(An Autonomous Institute Affiliated to Bharathiar University, Coimbatore)  
Erode - 638 107  
Department of Physics  
Cordially invites you for the  
DBT Star College Scheme sponsored  
A Two Day Skill Development Training  
on  
Functional Components of Mobile Phone  
(New Technology, Coimbatore)  
Thiru. K. Palanisamy  
Correspondent  
has graciously consented to preside over the function  
Dr. N. Raman  
Principal  
has graciously consented to felicitate the function  
Participants  
II B.Sc Physics & Mathematics  
Date : 23.12.2021 & 24.12.2021  
KONGU  
Assessing the Best



  
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Dr. N. RAMAN  
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KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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DEPARTMENT OF PHYSICS

Vibrant Association

Hands-on Workshop on “PCB Soldering for Fabrication of Electronic Circuits” – 09-11-2021

(Funded with DBT Star College Scheme)

**KONGU ARTS AND SCIENCE COLLEGE**  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO BHARATHIAR UNIVERSITY, COIMBATORE)  
NANJANAPURAM, ERODE - 638107,  
TAMILNADU

**DBT STAR COLLEGE SCHEME**

Department of Physics

Cordially invites you for the

**Hands-on Workshop on**  
*PCB Soldering for Fabrication of Electronic circuits*

**Thiru. K. Palanisamy**  
Correspondent  
has graciously consented to preside over the function

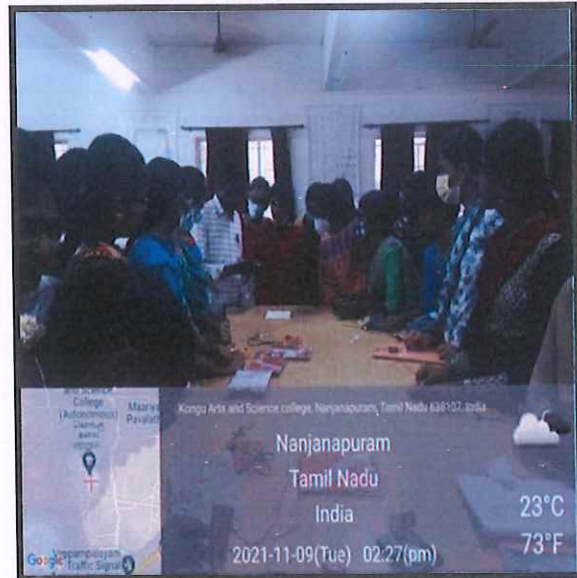
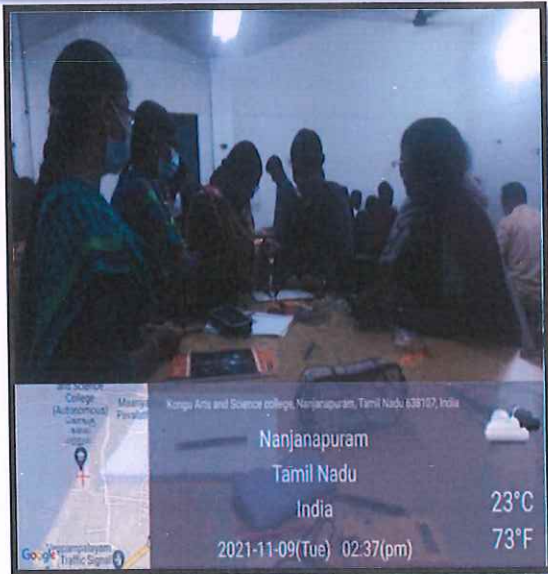
**Dr.N.Raman**  
Principal  
has graciously consented to felicitate function

**Venue**  
Physics Lab

Date : 09.11.2021  
Time : 10.00 am

**JKoNGU**  
Advancing the Best

A Hands-on Workshop was organized under DBT Star College Scheme with Mr.A.Kalaimani, Service Engineer and Founder of Thilagavathi Electronics, Erode. During the workshop, the trainer addressed the gathering on basic electronics components and circuits. Students were taught about basic PCB soldering. Further, soldering was demonstrated and made the students to solder by their own and fabricate small electronic circuits. 42 Second Year students (Physics -27; Mathematics -5; Compute Science -5; Computer Technology and Information Technology -5) gained the Hands on experience on Printed circuit Board mechanism.



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*[Signature]*  
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KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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DEPARTMENT OF PHYSICS

Vibrant Association

Guest lecture on "Renewable Energy Sources" - 01.10.2021

(Funded with DBT Star College Scheme)


Kongu Arts and Science College (Autonomous), Erode  
 DBT Star College Scheme  
 Department of Physics  
 Cordially invites you for the Guest Lecture on  
*Renewable Energy Sources*



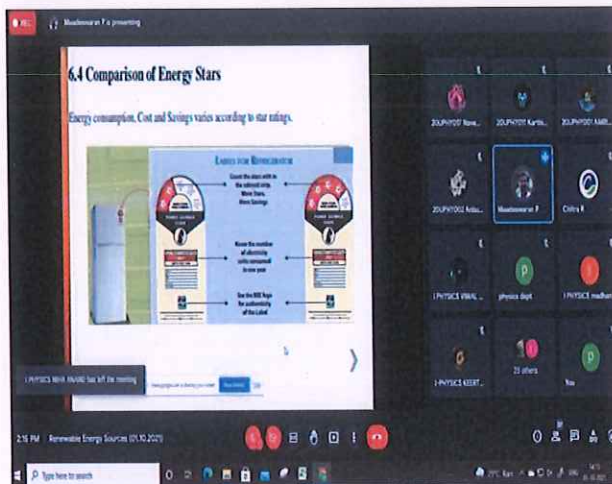
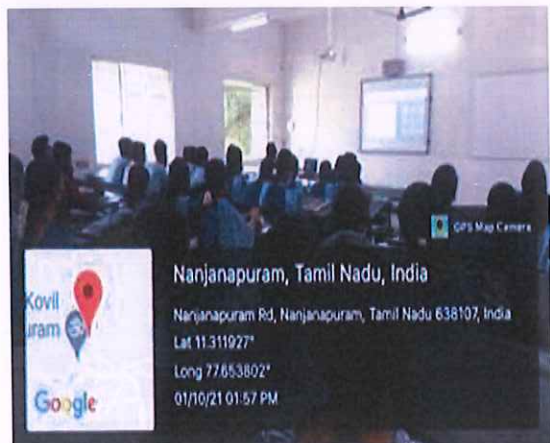
**Dr. P. Maadeswaran**  
 Assistant Professor  
 Department of Energy Science & Technology,  
 Periyar University,  
 Salem

Date: 01.10.2021  
 Time: 2 pm

Meeting Link: <https://tel.meet/edy-bju-ouc>



A Guest lecture was organized under DBT Star College Scheme with the Resource person Dr. P. Maadeswaran, Assistant Professor, Department of Energy Science and Technology, Periyar University, Salem. During the Guest lecture, Resource person addressed the gathering regarding the various energy resources which are available naturally. Also, he gave insights on Energy Auditing techniques and provided the ways and measures for conserving energy. All our department students (85) got awareness on the requirement of social consciousness towards Energy management which is the demand of this hour.



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KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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DEPARTMENT OF PHYSICS

Vibrant Association

A Two Day Skill Development Training on “Implementation of IoT using Arduino” on  
24.02.2022

(Funded with DBT Star College Scheme)

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NANJANAPURAM, ERODE - 638107,  
TAMILNADU

**DBT STAR COLLEGE SCHEME**

Department of Physics

cordially invites you for the

*Skill Development Training*

on

**Implementation of IoT using Arduino**

Presidential Address  
**Thiru. K. Palanisamy**  
Correspondent

Felicitation  
**Dr.N.Raman**  
Principal

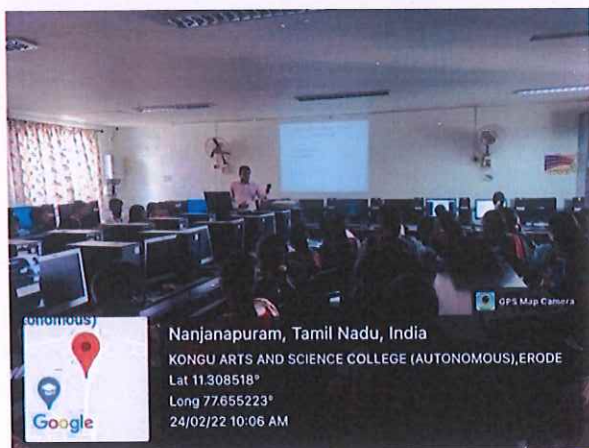
Mr.S.P. Senthil Subramaniam  
Managing Director &  
Software Developer  
Mighty Electronics  
Equipments Corporation  
Coimbatore

Date : 24.02.2022  
Time : 10.00 am

Venue : Main Block CCS Lab

**KONGU**  
Assessing the Best

A One Day Skill Development Training on Implementation of IoT using Arduino was organized under DBT Star College Scheme by the trainers of Mighty Electronics Equipments Corporation, Coimbatore. During the workshop, trainers addressed the students on the principles of IoT based electronic appliances. Students were taught about the programming of arduino kit through circuit with sensor. Also, the opening of mobile phone in case of unrecoverable password was demonstrated and made the students to experience hands on environment on the same. 45 III Year UG students gained practical comprehension of smart phone servicing.



*R. C. U.*  
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*Dr. N. Raman*  
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KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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DEPARTMENT OF PHYSICS

Vibrant Association


“FIELD VISIT to Kongu Community Radio Center (FM 90.4 MHz)” – 01.12.2021

A Field visit to Kongu Community Radio (FM 90.4 MHz), Kongu Engineering College, Perundurai under DBT Star College Scheme. II B.Sc., Physics Students (27) and 2 teaching faculties from the Department of Physics visited the Kongu FM station. Programmers in the station explained the process of recording and broadcasting in a detailed manner. Students eagerly learnt about the making of the programme and participated in the upcoming broadcasting programme. The visit facilitated the students to express their views to the mass listeners of the Community Radio 90.4.



  
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DEPARTMENT OF PHYSICS  
Vibrant Association

A TWO DAY INTER DISCIPLINARY WORKSHOP ON "PROJECT BASED  
LEARNING WITH MATLAB" (28.10.2021 & 29.10.2021)

Organized by

Department of Mathematics, Biochemistry, Physics

**KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
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**DEPARTMENT OF MATHEMATICS, BIOCHEMISTRY AND PHYSICS**  
(Recognized and Funded under DBT Star College Scheme)

**A Two Day Inter Disciplinary Workshop on Project Based Learning with MATLAB**

**Resource Person**  
  
**Dr.S.Hariharan,**  
Assistant Professor,  
Dwaraka Doss Goverdhan Doss Vaishnav College,  
Chennai.

**Programme Objective :** To carry out simple Numerical computations, Analyses and Graphics in MatLab environment.

Date : 28.10.2021 & 29.10.2021  
Time : 9.30 a.m. to 4.15 p.m.  
Venue : CC - IV LAB

A Two Day Inter Disciplinary Workshop on "Project Based Learning with MATLAB" was organized by the Department of Mathematics on 28.10.2021 and 29.10.2021. Final year students of Mathematics, Bio Chemistry and Physics were participated. The main objective of the programme was to make students to use the scientific tool MATLAB, a licensed software purchased under DBT Star College Scheme. Dr.S.Hariharan, Assistant Professor from Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai trained the students to enhance their skills on MATLAB.



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DEPARTMENT OF PHYSICS

Vibrant Association

Webinar on "Roadmap for Research Project in Physics" on 12.04.2022

(Funded with DBT Star College Scheme)



Department of Physics

cordially invites you all for the

Webinar

on

Roadmap for Research Project in Physics

Resource Person



M.SENTHIL KUMAR, M.Sc., M.Phil., (Ph.D.),  
Assistant Professor of Physics  
Srinivasan College of Arts and Science  
(Affiliated Bharathidasan University)  
Perambalur - 621 212.

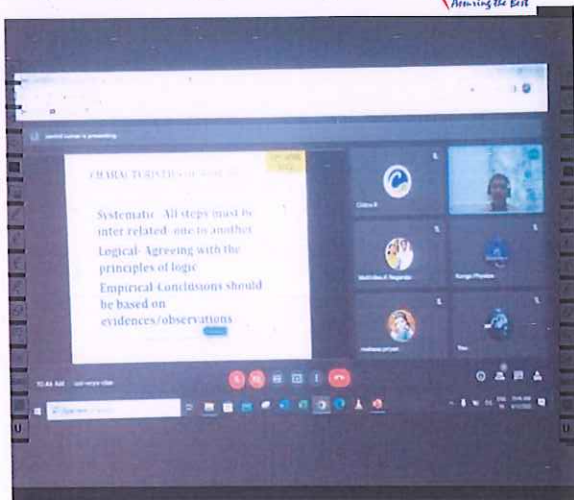
A webinar was organized under DBT Star College Scheme in view of Roadmap for Research Project in Physics with the Resource person Mr. M.Senthilkumar, Assistant Professor of Physics, Srinivasan College of Arts and Science(Affiliated Bharathidasan University) Perambalur - 621 212.

During the webinar, Resource person addressed the gathering regarding the project work. Also, she explored the opportunities in various sectors such as research. The session insisted the participants to be innovative in Research and directed to be successful work. 45 students from III UG Physics, physics were benefited through this webinar.

Date : 12.04.2022

Time: 10.30 am

Meeting URL: <https://meet.google.com/uoi-vcyx-cbe>



Nanjanapuram, Tamil Nadu, India  
8M43+JJH, Nanjanapuram, Tamil Nadu 638107, India  
Lat 11.306398°  
Long 77.654268°  
12/04/22 10:36 AM

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