

# Department of Physics

## VIRTUAL LAB

### ➤ Invitation

**STAR PROGRAMME**  
2020 - 2021

Organized by  
**Marian Star Centre**  
Department of Physics

**St. Mary's College (Autonomous),**  
Re-accredited by NAAC with 'A +' Grade  
Thoothukudi - 628 001.

**One Day Online Workshop I**  
on  
**Virtual Lab**

Sponsored By

  
Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

Resource Person  
**Dr. M. Meena,**  
Assistant Professor of Physics,  
S.T. Hindu College, Nagercoil.

Date : 29 - 10 - 2020 | Time : 10.00 AM to 4.00 PM

•Contact Mail id•  
marianstarcentredbt2020@gmail.com  
stmphy2012@gmail.com

## ➤ Screenshots

The screenshot shows a Google Meet window with a presentation slide. The slide is titled "STAR PROGRAMME - 2020-2021" and is sponsored by the "DEPARTMENT OF BIOTECHNOLOGY, GOVT. OF INDIA, NEW DELHI." The main title of the workshop is "ONE DAY ONLINE WORKSHOP 'VIRTUAL LAB'". The resource person is "Dr. M. MEENA, Assistant Professor of Physics, S.T. Hindu College, Nagercoil." The date is "29th October 2020". The workshop is organized by the "MARIAN STAR CENTRE, Department of Physics, St. Mary's College (Autonomous), Thoothukudi- 628001. (Re-accredited with 'A+' Grade by NAAC)".

The Meet interface includes a "People (79)" list on the right with names like poneyya parvathi, Pradeepa B 19AUPK01, Priyanga Dasthik, 19AUPK05, Rekha K.S 19AUPK07, Ravita G, Reena T 19AUPK05, Reganya A 19AUPK06, ROJINA K 19AUPK06, Sachi Maheswari 19AUPK08, Sathorya S 19AUPK09, and SANGEETHA M. The bottom of the screen shows a Windows taskbar with a search bar and system tray.

## ➤ Certificate

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**ONE DAY ONLINE WORKSHOP I ON VIRTUAL LAB**

Organised by  
Marian Star Centre  
Department of Physics  
**St. Mary's College (Autonomous),**  
Re-accredited by NAAC with 'A+' Grade  
Thoothukudi - 628001.



Sponsored by  
Department of Biotechnology  
Ministry of Science & Technology,  
Government of India



**CERTIFICATE OF PARTICIPATION**

**Ms. VARSHA. N**  
II B. Sc Physics

**St. Mary's College (Autonomous), Thoothukudi**

*has successfully completed the **ONE DAY ONLINE WORKSHOP I ON VIRTUAL LAB** organised  
on 29.10.2020 by Department of Physics, St. Mary's College (Autonomous),  
Thoothukudi, Tamilnadu, India.*

*Arockia Jenecius Alphonse*  
**Dr. Sr. A. Arockia Jenecius Alphonse**  
DBT - Overall Coordinator

*Jessie Fernando*  
**Dr. Sr. Jessie Fernando**  
Convenor

*Lucia Rose*  
**Dr. Sr. A. S. J. Lucia Rose**  
Principal



## ➤ Report

On a delightful day, 29th of October, a serviceable workshop was held on the concept, "VIRTUAL LAB". The session was well paced and overall organized by the faculty members of the department of Physics under the guidance of the Star College Scheme sponsored by the DBT. The session was lighted up by the presence of the head of the institution Dr. Sr. A.S.J. Lucia Rose and the head of the department Dr. Sr. Jessie. Dr. M. Meena, Assistant Professor of Physics, S.T. Hindu College, Nagercoil was given a humble invitation to share her knowledge on the area of virtual lab. The speaker was very clear in her explanation. The speaker gave a brief note on

- ✓ The use of virtual labs in colleges.
- ✓ Role of virtual labs in student academics.
- ✓ How to use virtual lab effectively in lab practical.
- ✓ How to perform experiments using virtual labs?
- ✓ Ways to login to the virtual labs through mobile phones and PC's.
- ✓ How to make connections to the apparatus in electronics and non-electronics practical.
- ✓ Methods to assign practical to students and to evaluate it.
- ✓ Advantages and disadvantages of virtual labs.
- ✓ Internship opportunities given to students through virtual labs.

The guest of the day's session was very glad towards the questions raised by the participants. A demo of wheat stone's bridge and a few other experiments were performed. In spite of network issues, the rapport and the patience of the presenter made the participants remain tranquilized. The participants yielded their thankfulness through their feedback. 127 students of our college and 49 students from various other colleges were the beneficiaries. It was a very fruitful session.

  
Head of the Department

**HEAD**  
Department of Physics,  
St. Mary's College (Autonomous),  
Thoothukudi - 628 001.

B. Serena Margaret  
IQAC Coordinator  
IQAC Co-ordinator  
St. Mary's College (Autonomous)  
Thoothukudi

  
Principal  
St. Mary's College (Autonomous)  
Thoothukudi - 628 001.