



## DEPARTMENT ACTIVITIES

Guest Lecture on “WONDERS OF ACOUSTICS AND ULTRASONIC” was organized on 12-10-2020 for students with the resource person Dr. Poongodi, Associate Professor of Physics, Kamaraj College, Thoothukudi. The guest gave a scholarly talk on the topic. Around 135 students of our college were the beneficiaries.



NEWSLETTER

2020-2021

DEPARTMENT ACTIVITIES

STAFF ACTIVITIES

STUDENTS ACTIVITIES



Invited talk on “SMART MATERIALS” was organized on 23-10-2020, Dr. Krishna Kumar Pandey, Assistant Professor of Physics, Sharada University, Uttar Pradesh was the resource person. Totally 183 students of our college and 48 students from various other colleges were the beneficiaries.



The Institution's Innovation Council and The Department of Physics, St. Mary's College (Autonomous), Thoothukudi jointly organized a webinar on "DESIGN THINKING" on 23-12-2020. Dr. K. Mohanraj, Assistant Professor and IIC President of Manonmaniam Sundaranar University, Tirunelveli was the resource person. Around 91 students, both UG and PG and 10 faculty members were beneficiaries.

## DEPARTMENT ACTIVITIES

One day workshop on the topic "VIRTUAL LAB" was organized on 29-10-2020, Dr. M. Meena, Assistant Professor of Physics, S.T.Hindu College, Nagercoil was the resource person. Totally 127 students of our college and 49 students from various other colleges were the beneficiaries.



DEPARTMENT ACTIVITIES

One week hands on training on "MATLAB AND ITS APPLICATION IN PHYSICAL SCIENCE" From 15-04-2021 to 20-04-2021, Dr. Sr. S. Kulandai Therese, Assistant Professor, PG and Research Department of Mathematics, St. Mary's College (Autonomous), Thoothukudi was the MATLAB Instructor. Totally 110 participants from St. Mary's College, 29 participants from Mentee Colleges and an Infotech programmer were beneficiaries.



STAR PROGRAMME 2020-2021 National Webinar on Technological Advancements in Science (NWTAS 2021) April 16<sup>th</sup> and 17<sup>th</sup>, 2021. Organized by Marian Star Centre, St. Mary's College (Autonomous). The poster lists various topics and speakers, including Dr. J. Murli Ravi, Dr. S. S. Kulandai Therese, and others. It also provides contact information for registration.

National webinar was organized on the topic "TECHNOLOGICAL ADVANCEMENTS IN SCIENCE" on 16.04.2021 and 17.04.2021, Dr. V. Nirupama, Assistant Professor of Physics, Sree Vidyanikethan Engineering College, Tirupathi, Andhra Pradesh; Mr. S. Joel Raj, Senior Scientist, Vikram Sarabhai Space Centre Organisation, Thiruvananthapuram, Kerala; Dr. P. K. Sathesh Kumar, Professor, Center for advanced Study in Botany, Bnaras Hindu University, Varanasi; Dr. James Clement, Associate Professor, Neuroscience Unit, Jawaharlal Nehru Center for Advanced Scientific Research, Bangalore were the resource persons. Nearly 450 students were the beneficiaries.




**ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI**  
(Re-accredited with 'A' Grade by NAAC)

**Department of Physics**  
*Organizes*

**PHYSICS ASSOCIATION MEETING**

Topic: *Role of Bending Beams in Day-to-Day Life*  
Date: *04.02.2021*  
Time: *8.00 - 9.00 pm*  
Join with Google Meet: <https://meet.google.com/nax-tfuj-ug?bar=224>

Resource Person



**Dr. S. Shalini Packiam Kamala**  
*Professor of Physics & Head,  
Department of Science and Humanities,  
Nehru Institute of Engineering and Technology,  
Coimbatore.*

## DEPARTMENT ACTIVITIES

Physics association meeting on “ROLE OF BENDING BEAMS IN DAY TO DAY LIFE” on 04.02.2021, Dr. Shalini Packiam Kamala, Professor of Physics and Head, Department of Science and Humanities, Coimbatore was the resource person. Around 135 students and faculty were the beneficiaries.

**NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME**  
**ON**  
**ADVANCE TOPICS IN PHYSICS**

**12<sup>th</sup> July to 17<sup>th</sup> July, 2021**

Online Platform :  **zoom**

Sponsored By  
Department of Biotechnology  
Ministry of Science & Technology  
Government of India  
Under 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

**Inaugural Address**  
12 - 07 - 2021 @ 5.30 pm



**Dr. R. SRINIVASAN**  
Member Secretary  
Tamil Nadu State Council for Science and Technology  
Chennai - 600 025

National level Faculty Development Programme on “ADVANCE TOPICS IN PHYSICS” on 12-07-2021 to 17-07-2021, Dr. R. Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai; Dr. N. Ponpandian, Professor and Head, Department of Nanoscience and Technology, Bharathiar University, Coimbatore; Dr. K. Thenmozhi, Assistant Professor-Senior, Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology (VIT), Vellore; , Dr. A. Nagalakshmi, Professor, Department of Physics, National Institute of Technology, Tiruchirapalli; Dr. M. Balasubramaniam, Professor, Department of Physics, Bharathiar University, Coimbatore; Dr. M. Balaji, Researcher, Department of Applied Physics, KTH-Royal Institute of Technology, Stockholm, Sweden; Dr. P. Vengadesh Periasamy, Professor, Department of Physics, University of Malaya, Malaysia were the resource persons . Around 200 participants from various colleges across the country were the beneficiaries.

# STAFF AND STUDENTS ACTIVITIES

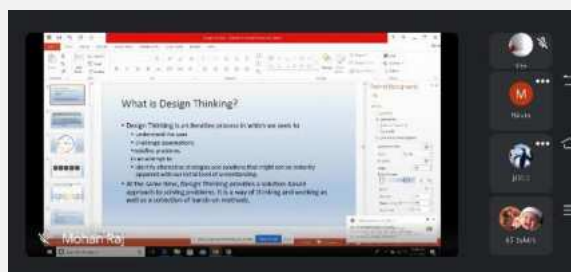


- Our students have participated in various webinars in online mode.
- Our students visited the adopted village Korampallam from 2.03.2021 to 4.03.2021 as a part of Community Development Programme in collaboration with Unnat Bharat Abhiyan.
- The Department Staff members have participated around 20 FDPs, 75 International – National – State Level webinars and seminars; 4 workshops.
- Dr. M. Sheeba have presented a paper on title “Analytical Study of Deposition of  $TiO_2$  and  $SiO$  Multilayer for Blue Color Display in International E–Conference.

- Ms. A. Lucas Rexceline participated on online course “Basic Principles of Remote Sensing Technology organized by IIRS Outreach Program.
- Our students have participated in INTERNATIONAL E-CONFERENCE “RECENT TRENDS IN SCIENCE AND TECHNOLOGY”



# PHOTO GALLERY



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