



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with "A" grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119
www.sathyabama.ac.in



SCHOOL OF SCIENCE AND HUMANITIES

DEPARTMENT OF PHYSICS

Faculty Activities – 2019- 2020

S. No	Name of the faculty who organized	Name of the Events/ FDP/Orientation /Refresher/Short term course/workshops/ conferences/seminar/Etc.,	Title	Duration	No. of Participants
1.	Dr. Helen Merina Albert	Workshop	TALENT HUNT-2019	03-09-2019 to 04-09-2019	75
2.	Dr. M. Manjula	Webinar	The purview of thermoelectric for the future sustainable energy source	16-05-2020	100
3.	Dr. Helen Merina Albert	Webinar	Thin films and its Applications	17-05-2020	50
4.	Dr. S. Murugesan	Webinar	Webinar on multidisciplinary research strategies for tackling healthcare and energy related issues confirmation	16-05-2020	80



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**SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS**

TALENT HUNT-2019



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TALENT HUNT - 2k19

3rd & 4th SEPTEMBER 2019

EVENTS

DAY 1

- ✦ SCIENCE IN DALY LIFE EXPERIMENTS
- ✦ SENSOR DESIGN
- ✦ HYDRAULIC ROBO DESIGN
- ✦ MOBILE APP DESIGN

DAY 2

- ✦ QUIZ
- ✦ CREATING JOURNALS BASED ON SCIENCE
- ✦ POSTER MAKING ON SCIENCE
- ✦ CREATIVE WRITING AND REVIEWING

INTERESTED STUDENTS OF 1st YEAR UG & PG
CAN REGISTER THROUGH OUR WEBSITE
<http://www.sathyabama.ac.in>
LAST DATE FOR REGISTRATION : 1st September

VENUE : PHYSICS LAB

STUDENTS COORDINATORS :
Mr. MUKESH & Mr. NILAVARASAN
Ms. DHARSHINI & Ms. YUDHIKSHA

REGISTRATION FEES: 100

STAFF COORDINATOR
DR.HELEN MERINA ALBERT
(DEPT. OF PHYSICS)

Further details : 8098633187, 6369116299.



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Report

On

TALENT HUNT-2019

Date: 10.10.2019

Venue: Department of Physics

An interschool event on '**Talent Hunt 2019**' was organized by Faculty of Science and Humanities with blessing of the Management of "**Sathyabama Institute of Science and Technology**" on September 3rd and 4th 2019. The programme is intended only for first year UG/PG students of all schools of Engineering, Arts & Science, Law, Medicine, Dental and architecture. The main objective of the programme is to integrate, encourage all the students to exhibit their hidden potential in technical skills. The programme caters to all disciplines and had **10** themes like Hydraulic Robo Design, Sensor Design, Prototype Satellite Design, Mobile App design, Modelling and Coding, Reverse Engineering, Models based on Science laws, Science in Daily life experiments, Chem-E-Car, Creative writing and Film Reviewing. The programme was spearheaded by judges with their valuable comments to the participants for improving their technical ideas.

The expected learning experience were:

- Research ideas
- Innovative ideas

The program was greatly appreciated by the students and ended with a vote of thanks by the department head.

Head of the Department of Physics

Dr. S. Ravichandran



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LIVE WEBINAR-The purview of thermoelectric for the future sustainable energy source



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**School of Science and Humanities
Department of Physics
CONDUCTING LIVE WEBINAR ON**

The Purview of Thermo electrics for the Future Sustainable Energy Source

**Day and Date
Saturday
16.05.2020**



Speaker

**Time
5.00 – 6.00 PM**

Dr. PANDIYARASAN VELUSWAMY

DST-Inspire Faculty

**Department of Electronics & Communication Engineering,
IIITDM, Kancheepuram.**

Join through Zoom Platform

Register online: <https://qrqo.page.link/4BUwz>

Please click this URL to join the Meeting

**<https://qrqo.page.link/tP6ZX> (OR) through Zoom App with
Meeting ID: 975 3670 4170 Password: 537023**

Convenors:

Dr. M. Manjula

Assistant Professor

Dr. S. Murugesan

Associate Professor

Organizers:

Dr. M. Sundareswari

Dean & Professor

Dr. S. Ravichandran

Professor & Head



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Report

on

LIVE WEBINAR-The purview of thermoelectric for the future sustainable energy source

Date: 16-05- 2020

No. of participants: 100

Profile of the audience:

Faculty members, Scientists, Research Scholars and M.Sc students from Physics, Chemistry and Materials Science.

Objective of the FDP:

The basic objective of this Webinar is to provide in-depth research skills to research scholars and professors of Physics, Chemistry and Materials Science to offer an overview of new trends in Thermoelectrics for the energy harvesting from waste.

The webinar will help the faculty and research scholars to familiarize themselves with high-end research knowledge, novel materials and their usage including data collection and analysis thus developing energy harvesting from waste heat for wearable device applications.

Conveners

Dr. M. Manjula, Assistant Professor/+91- 9843578978
Dr. S. Murugesan, Associate Professor/ +91-9443574165
Department of Physics, School of Science and Humanities
Sathyabama Institute of Science and Technology
Chennai-600 119, Tamil Nadu

Resource Person:

Dr. Pandiyarasan Veluswamy
IIITDM, Kancheepuram



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WEBINAR-Thin films and its Applications



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SCHOOL OF SCIENCE AND HUMANITIES DEPARTMENT OF PHYSICS WEBINAR ON THIN FILMS AND ITS APPLICATIONS

**No Registration
Fee**

**E-certificate will
be provided**



Webinar On
17/05/2020
11:00AM-12:00PM

Dr.V.ANBARASU
ASSOCIATE PROFESSOR
DEPARTMENT OF PHYSICS
PSG COLLEGE OF ARTS
AND SCIENCE
COIMBATORE

Join us @ 

For Registration
<https://forms.gle/nBjWjptL5wU4PnHV8>

Organizers:
Dr.M.Sundareswari
Dean of S&H
Dr.S.Ravichandran
Head of the Dept

Convenors:
Dr.Helen Merina Albert
Dr.C.Rameshkumar



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Report
on
LIVE WEBINAR-Thin films and applications

Date: 17-05- 2020

Profile of the audience:

Faculty members, Scientists, Research Scholars and M.Sc students from Physics, Chemistry and Materials Science.

Objective of the FDP:

The basic objective of this Webinar is to provide in-depth research skills to UG and PG students of Physics, Chemistry and Materials Science to offer an overview of new trends in Thin films and its applications.

The webinar helped them to familiarize themselves with high-end research knowledge, novel materials and their usage including data collection and analysis

The expected learning experience were:

- Research ideas
- Innovative ideas

The program was greatly appreciated by the students and ended with a vote of thanks by the department head.

Head of the Department of Physics

Dr. S. Ravichandran



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Webinar on multidisciplinary research strategies for tackling healthcare and energy related issues confirmation



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**School of Science and Humanities
Department of Physics
CONDUCTING LIVE WEBINAR ON**

Multidisciplinary Research Strategies for Tackling Healthcare and Energy Related Issues

Day, Date and Time
Saturday
16.05.2020
11 AM – 12 PM



No Registration Fee!
Immediate e-Certificate!!!

Dr. V. GANESH
Scientist
CSIR- Central Electro Chemical Research Institute (CECRI),
Karaikudi

Join through Zoom Platform
Register online: <https://qrqo.page.link/mBtz0>
URL to join the Meeting <https://qrqo.page.link/VP6ZX> **(OR) Zoom**
App with
Meeting ID: 933 4216 6832 **Password:** 537023

Convenors
Dr. S. Murugesan
Associate Professor
Dr. J. Anita Lett
Assistant Professor
Department of Physics

Organizer
Dr. S. Ravichandran
Professor & Head
Department of Physics



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School of Science and Humanities

Department of Physics

Certificate of Participation

This is to certify that Dr./Mr./Ms. Anita Lett of Sathyabama Institute of Science and Technology has attended the "Webinar on Multidisciplinary Research Strategies for Tackling Healthcare and Energy Related Issues" organised by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai, through Zoom Video Communications on 16th May 2020 .

Dr. S. MURUGESAN

CONVENORS

Mrs. J. ANITA LETT

Dr. S. RAVICHANDRAN

ORGANIZER



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List of Participants

K.KRISHNAMOORTHY	Assistant Professor	Madgula Satyanarayana	Assistant Professor
Paul Arokiadoss F	Assistant Professor	M.Iswarya pappa	Student
Dr.S.D.Ghan	Professor	APARNA UNNIKRISHNAN	RESEARCH SCHOLAR
R.Nithya	Research scholar	S.VENKATESAN	M.Sc., Chemistry
Mrs. V. INDIRA	Assistant Professor	DR. J. JOY JEBA VIJILA	Assistant Professor
GNANASEKARAN M	Assistant Professor	Dr.P.BASKARALINGAM	Assistant Professor
Ms.B.Priyadharshini	Assistant professor	Dr. RAJESH KUMAR S	Assistant Professor
S.yashika	Research scholar	Mr. VISHNU PALLE	Assistant Professor
Dr.M.AMALANATHAN	Assistant Professor	Dr. D. CHANDRAKALA	ASSISTANT PROFESSOR
Dr. R. Vijayalakshmi	Associate Professor	DR.K.ULAGANATHAN	Assistant Professor III
Dr. Anil Kumar Thandlam	Sr. Assistant Professor	Dr. K. KIRUBAVATHI	Assistant Professor
Mrs.V.INDIRA	Assistant Professor	Dr.R.Vidhya	Assistant Professor
Dr A ROBERT XAVIER	Assistant Professor	D. Jesse Miracine Bincy	UG 2nd year
C HEMANATHAN	M.SC	Dr.M.SUBARAJA	Assistant Professor of Biochemist
PHUB DORJI	LECTURER	SATYANARAYANA PALAGARA	Assistant professor
Dr. Devi Radhika	Assistant professor	Dr. K. JEYAPAPPA	Assistant Professor
Dr. A. Kanakalakshmi	Assistant Professor	Sivaranjani P	Student
Dr. Daruka Prasad B	Assistant Professor	Novin Senetra Roy G	Assistant professor
Mr.VELLYANGIRI.B	Assistant Professor	Iyyappan D	Student
Dr. G. Mathubala	Associate professor	Mr. C. Harish Babu	M.Sc
Dr. Suhaib Ahmed Batt	Assistant Professor	Anjali Varghese	Student
Berbeth Mary S	Assistant professor	Keerthana.D	student
Dr.S.Aravindhan	Assistant Professor	Ms. R Sylvia Reena	Research Scholar
V. SELVAM	Assistant Professor	DR.A.ZAMARA	Assistant Professor
Dhatchayani	UG 2 year	Dr. J. Sivapriya	Associate Professor
Dr. D. RAMASAMY	Assistant Professor	Dr. S. Inbakumar	Assistant professor
A.MOHAMED IBRAHIM	ASSISTANT PROFESSOR	Dr. S. BHUVANA	ASP
Navale Bhagwan Bhanudas	Associate Professor	Dr. T. BOOBALAN	LECTURER
DHRUV KUMAR	Assistant Professor	Dr. S. RAJALAKSHMI	ASSISTANT PROFESSOR IN CH
Krishna veni.R	Student	Dr B Vijaya kumar	Professor
Dr.Khandavilli Sri Rama Krishna	Professor	ASHA RANI B M	Assistant professor
Dr. S. Mahalakshmi	Assistant Professor	N.Naveen kumar	Faculty
Dr.H.MARY HELEN	ASSISTANT PROFESSOR	DR. MOHD FAIZAN	Assistant professor (contractual)
Sriranjani S	Student	PROF. PORIA KISHORKUMAR C	PROFESSOR AND HEAD
V Vasantha Kumari	Associate Professor	SHEEBA L	ASSISTANT PROFESSOR
Varsha Unni	Physics	Nithya Shri.C	student
		Dr.S.VELMURUGAN	ASSISTANT PROFESSOR
		Dr G SURESH	GUEST LECTURER
		Dr. Prianka Dalal	State Aided College Teacher-1
		A. Thulasi	Student
		Ms NIVEDITHA GANESH	Assistant Professor
		Kannan P.K.	Research Scholar
		R.Soundhar	Research Scholar
		Dr.C.SENTHAMIL SELVI	Assistant Professor



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