

Women's
Christian
College

Since 1915

Lighted to Lighten



ACADEMIC ACTIVITIES

2022-2023

POST GRADUATE DEPARTMENT OF PHYSICS



POST GRADUATE DEPARTMENT OF PHYSICS

ACTIVITIES: 2022 – 2023

(Conferences, Seminars, Webinars, Workshops, Industrial Visits, Field Trips, Talks, Campaigns, etc.)

1. **“First Aid Program”** an Invited Talk by **J Tamil Arasi** (Student Health Nursing Officer) & **A Sharmila** (Charge Nurse) Apollo Shine WCC was conducted on 16th February 2023. It was to create an awareness for the students on the various First Aid measures. 50 M.Sc. Physics and 4 staff members were educated on the first aid measures and even a few tips for emergencies were demonstrated.

WOMEN'S CHRISTIAN COLLEGE
An Autonomous Institution affiliated to the University of Madras
Re-Accredited by NAAC in July 2019 with Grade A+
G2
Since 1915

The Postgraduate Department of Physics
organizes
a
FIRST AID PROGRAM

16TH FEBRUARY'23 | MM BLOCK,
10:30-11:30 AM | WCC

TALK BY
J. TAMIL ARASI
Student Health Nursing Officer
A. SHARMILA
Charge Nurse

APOLLO SHINE|WCC

BE A HERO
save lives



2. Webinar on “Alumna Rendezvous” by Dr. Sarada, Ms. Narmadha, Ms. Iswarya, and Ms. Harini was conducted on 11th March 2023 for the current batch of students to get an understanding of what are the prospects after completing their degree. 50 M.Sc Physics students and Alumna were able to interact and get valuable suggestions from their seniors be it in higher education, research, studying abroad, competitive exams, and job opportunities.

WEBINAR

ALUMNA RENDEZVOUS

Listen to our industrious alumna speak about higher studies, job openings, research, competitive exam preparation, studying abroad and a lot more.....

SATURDAY
11, MARCH '23

TIME
3 PM-5:30 PM

GMEET LINK
<https://meet.google.com/bds-mtcn-eva>

THE POSTGRADUATE DEPARTMENT OF PHYSICS




Women's Christian College
Since 1915
Lighted to Lighten
CHENNAI

SPEAKERS

Application criteria for Research and Post Doctorate in premier Institutes of India



An industrious alumna of the UG Department, Sarada moved over to pursue her MSc in the University of Madras. She holds a PhD from the Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore and a Post Doctorate from TIFR center for interdisciplinary sciences, Hyderabad.

Dr Sarada Seetharaman
BATCH: 2003-2006
TIMINGS: 03:10 PM

Acing CSIR -NET with ease



Employed as an IIT JAM, CSIR NET educating trainer at IRS Santiago Academy, Chennai after a brief stint as a Guest Lecturer in the PG department of Physics, Narmadha is honing her passion for teaching. She cleared the CSIR NET exam for lectureship in 2022 and feels that the department syllabus with appropriate reference books and teaching, greatly aids in preparing for competitive exams like GATE and CSIR NET.

Ms Narmadha S
BATCH: 2018 - 2020
TIMINGS: 03:40 PM

SPEAKERS

Internship and Job openings for Physics Graduates



An ardent passion for Astrophysics fuelled her to complete an M.Phil. from Loyola College with a project on Astrophysical Fluid Dynamics and subsequently an MS in Astrophysics from the National University of Singapore. She is currently working at Techzee, an Edutech company as a Physics Faculty. Iswarya has the department track record of attending the maximum number of seminars, lecture series, winter and summer schools across the country during her course. She was also one of the first office bearers of Hi - Phy Association.

Ms Iswarya P
BATCH: 2015-2017
TIMINGS: 04:10 PM

Higher studies in Physics in Foreign Universities after Post Graduation



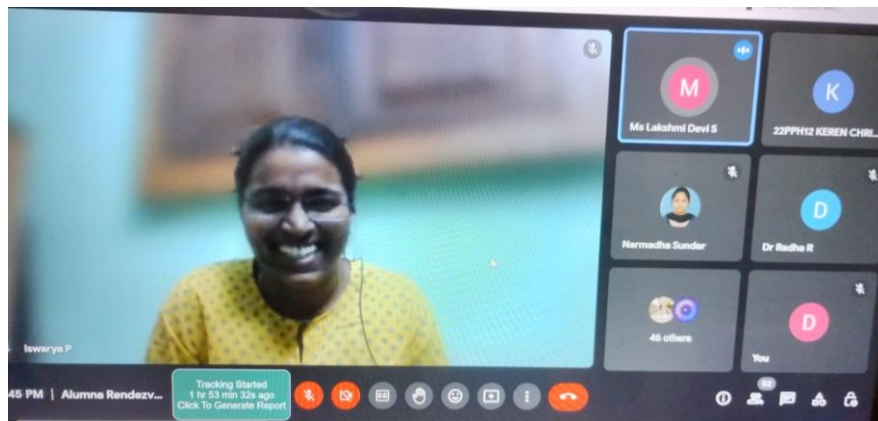
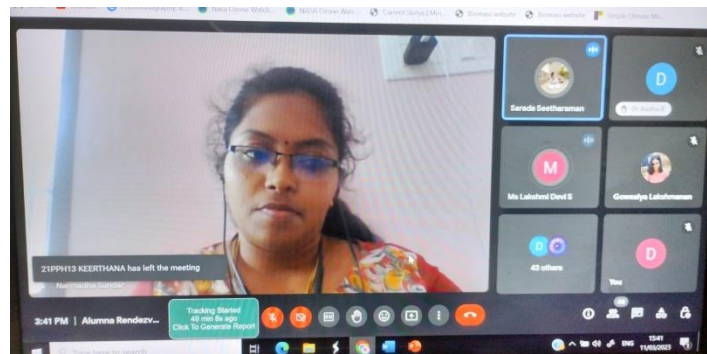
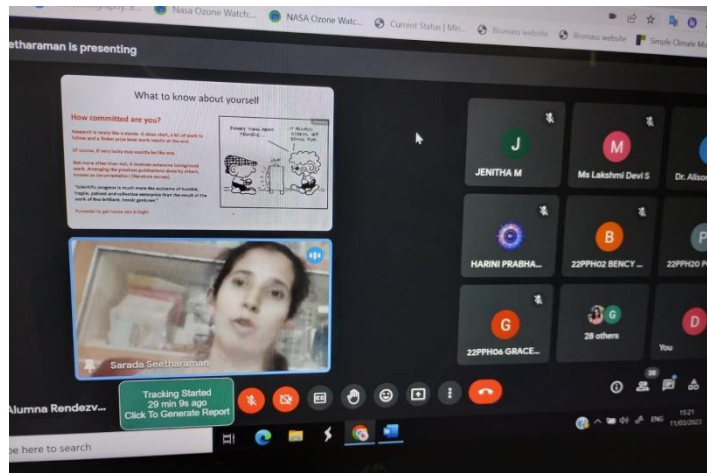
Harini is currently pursuing her Masters in Physics, specializing in Quantum Information Science at the University of Siegen, Germany. A Gold medalist in her Undergraduate course, she is known for her excellent leadership, communication and presentation skills. The challenging lockdown and online classes during her 2nd year of study did not deter her aim to pursue Quantum Computation in a Foreign University.

Ms Harini Prabhakar
BATCH: 2019 - 2021
TIMINGS: 04:40 PM

11 MARCH SATURDAY
PG PHYSICS, WCC

03:00 PM	PRAAYER
	PRAAYER SONG
	WELCOME ADDRESS Dr Meera K
	DYNAMICS OF THE WEBINAR Ms Lakshmi Devi S
03:10 PM	TALK 1 Dr Sarada Seetharaman
03:40 PM	TALK 2 Ms Narmadha S
04:10 PM	TALK 3 Ms Iswarya P
04:40 PM	TALK 4 Ms Harini Prabhakar
05:10 PM	VOTE OF THANKS

Alumna Rendezvous WEBINAR



3. **Webinar on Multifunctional Materials** by **Dr. N. Lakshmi Narasimhan**, Senior Principal Scientist CECRI Karaikudi was conducted on 18th March 2023 for the students to get an overview on Multifunctional Materials and the current research in the field. I & II M.Sc Physics WCC [50 students] , One International Participant from Institute of Physics , Prague ; 97 National level Participation from Jammu , Mumbai , Telengana , Andhra Pradesh , Uttar Pradesh , Karnataka, and from various districts of Tamilnadu participated in the webinar. The students and participants were given a deep insight into the topic starting from the basics and also advised on how to work in the field.

The poster is for a webinar titled "MULTIFUNCTIONAL MATERIALS" organized by the PG Department of Physics at Women's Christian College. The college is an autonomous institution affiliated to the University of Madras and is re-accredited by NAAC with Grade A+. The speaker is Dr. N. Lakshminarasimhan, Ph.D., a Senior Principal Scientist, Fulbright Scholar & Professor (AcSIR), and Head of the Project Planning & Monitoring Group in the Electro-organic & Materials Electrochemistry Division at CSIR-Central Electrochemical Research Institute (CECRI) in Karaikudi, Tamilnadu, India. The webinar is scheduled for March 18, 2023, from 11 AM to 12 PM. A registration link is provided: <https://forms.gle/efG7BxqjijeFsy88>. Additional details include: "LINK WILL BE SENT TO YOUR REGISTERED MAIL-ID", "E-CERTIFICATES WILL BE SENT TO THE PARTICIPANTS", and "FREE REGISTRATION | 100 PARTICIPANTS ONLY | FIRST COME FIRST SERVE BASIS".

The screenshot shows a Zoom webinar interface. The main slide is titled "Functional Materials Classification" and features a hierarchical diagram. At the top is "Functional Materials", which branches into "Chemical Composition" and "Function". Under "Chemical Composition", the categories listed are: Functional metal materials, Functional inorganic materials, Functional polymer materials, and Functional composite materials. Under "Function", the categories listed are: Electrical materials (piezo, pyro, dielectric, ferroelectric), Optical materials, Magnetic materials, Biomaterials, Hydrogen storage materials, and Energy conversion & storage materials. The CECRI logo is visible at the bottom of the slide. On the right side of the Zoom window, a list of participants is shown, including "Laks N Lakshminarasimhan", "Women's Chris", "Alison Fernand", and "R.ARULMOZH". The Zoom control bar at the bottom includes options for Start Video, Security, Participants, Chat, Share Screen, Record, Breakout Rooms, Reactions, Apps, Whiteboards, and More. The time displayed is 00:44:42.

- **Ms. Narmadha M (Batch 2018-2020)** cleared the Gate Exam and the CSIR – NET exam with Lectureship eligibility



Name of Candidate	NARMADHA S	
Parent's/Guardian's Name	SUNDAR S	
Registration Number	PH23S67404033	
Date of Birth	02-Jul-1998	
Examination Paper	Physics (PH)	

GATE Score:	433	Marks out of 100:	36.33		
All India Rank in this paper:	1317	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	18517		31.1	27.9	20.7

Valid up to 31st March 2026

Prof. Preetam Kumar M. Mohite
Organizing Chairman, GATE 2023
on behalf of NCB-GATE, for MoE



* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

General Information

The GATE 2023 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q) \frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2023 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

S_q = 350, is the score assigned to M_q

S_t = 900, is the score assigned to M_t

In the GATE 2023 score formula, M_q is 25 marks (out of 100) or μ + σ, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2023 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2023 was organized by Indian Institute of Technology Kanpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

Joint CSIR - UGC NET JUNE 2022
National Testing Agency - Score Card

Application Number :	221610017624	Roll Number :	TN0104150154	
Candidate's Name :	NARMADHA S			
Mother's Name :	SHANTHI S			
Father's Name :	SUNDAR S			
Category :	OBC- NCL (CENTRAL LIST)	Person with Disability(PwD) :	No	
Gender :	FEMALE	Date of Birth :	02-07-1998	
Subject :	PHYSICAL SCIENCES			
No of Candidates in this Subject	Registered :	37310	Appeared : 26516	
Applied For :	APPLIED FOR JRF			

0491655D658CCDDDFB7B38D62C82448A

Marks		
Paper	Maximum Marks	Marks Obtained
Part A	30	19.500
Part B	70	22.750
Part C	100	33.750
Total Marks	200	76.000
Total Marks Obtained (in words)	SEVENTY SIX POINT ZERO ZERO ZERO ONLY	
Result	Lectureship/Assistant Professor	
RANK	168	

Dated : 28-10-2022

Senior Director, NTA

Note:

1. This electronically generated Score Card is the official Score Card issued by NTA and does not require any signature.
2. Candidate's particulars including Category and Person with Disability (PwD) status have been indicated as mentioned by the candidate in the online Application Form.
3. The National Testing Agency (NTA) has taken due care while uploading the Score Card. However, in case of any inadvertent error, NTA reserves the right to rectify the same at a later stage.
4. No separate intimation about issue of Score Card shall be issued.
5. Instructions relating to issuance/obtaining Eligibility Certificate to qualified candidates will be notified separately later by CSIR on their website www.csirhrdg.res.in