

Since 1915

Women's
Christian
College

Lighted to Lighten



ACADEMIC ACTIVITIES 2020-2021

POST GRADUATE DEPARTMENT OF PHYSICS



POST GRADUATE DEPARTMENT OF PHYSICS

ACTIVITIES: 2020 – 2021

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

1. The department in collaboration with the PG Department of Communication organized a **webinar** on the topic – **COVID-19 Communication Challenges** on 2nd May 2020. The speaker was **Dr. Daniel Chellappa** – an Eminent Nuclear Scientist. The webinar was organized on the Zoom platform for one hour. Faculty and students of WCC (a total of 50) participated and were given e-certificates.



WOMEN'S CHRISTIAN COLLEGE, CHENNAI
THE POSTGRADUATE DEPARTMENTS OF
COMMUNICATION & PHYSICS
Organises

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WEBINAR SERIES
Talk I
Dr. J. Daniel Chellappa
Eminent Nuclear Scientist, Chennai

COVID19 :
COMMUNICATION
CHALLENGES


Date : 2nd May 2020 Time : 4 - 4.40 pm
Platform : Zoom

The poster features a central image of five pendulums hanging from a light green background. The pendulums are colored to represent different countries: a green virus-like sphere, a red sphere with a yellow star (China), a blue sphere with white stars (Australia), a blue and white sphere (France), an orange and green sphere (India), and a blue and white sphere (USA). A small portrait of Dr. J. Daniel Chellappa is visible on the right side of the poster.

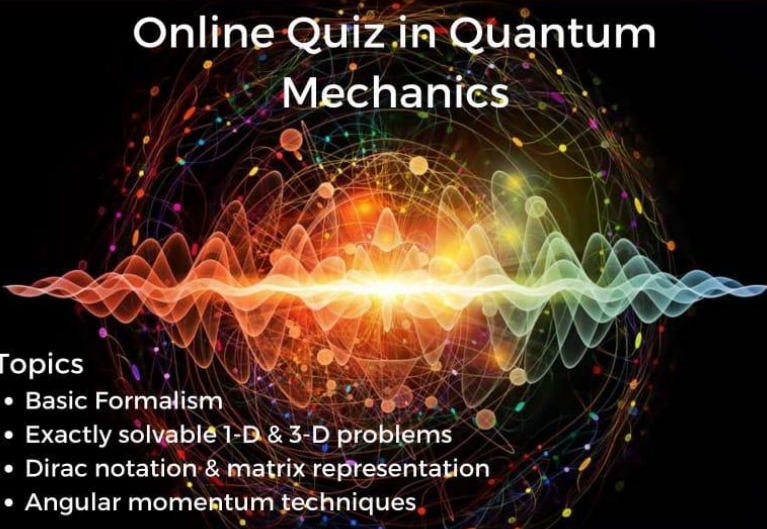
2. The department conducted a **National-level Online Quiz** on 6th June 2020 on the topic "**Quantum Mechanics**". **224 students** from colleges all over the country participated in the quiz.

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**THE POSTGRADUATE DEPARTMENT OF
PHYSICS**
Organizes



**Online Quiz in Quantum
Mechanics**



Topics

- Basic Formalism
- Exactly solvable 1-D & 3-D problems
- Dirac notation & matrix representation
- Angular momentum techniques

Open to PG Physics students
Date : 10th June 2020
Time : 11 am - 1 pm


Registration link : <https://forms.gle/z9wSMKcgUAF1ZzJW8>

For Queries contact : Dr Meera K (meecgc@gmail.com)

E-certificates will be given to students who score
50% and above

3. The department initiated a webinar series **“Strategies on Acing CSIR-NET”**. The first online lecture was rendered on 3rd April 2021 by **Mr. Joseph Prabagar, Assistant Professor, Department of Physics, Loyola College**. He addressed the department faculty and around 60 students including alumna on “Ground rules and basics for preparation”. The department newsletter “Impetu” for 2021 was released before the webinar.

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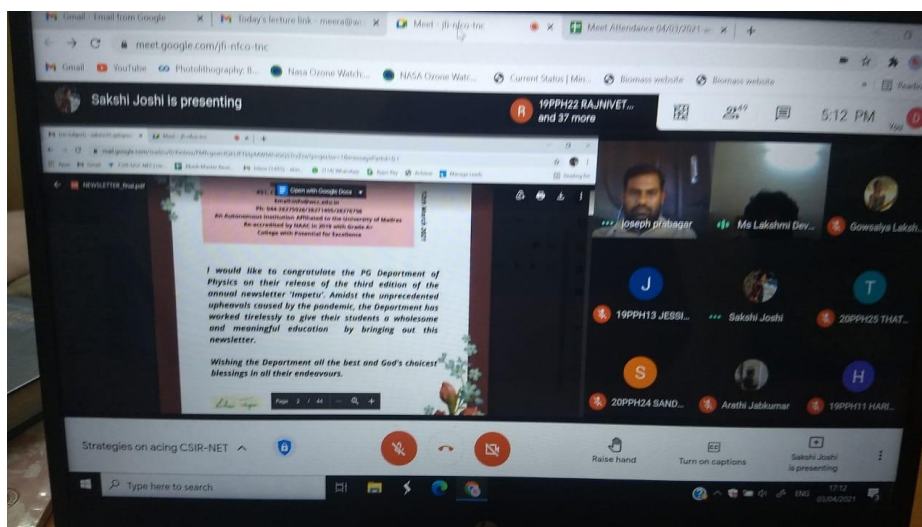
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WEBINAR SERIES ON STRATEGIES ON ACING CSIR-NET
Talk I
Mr. C. Joseph Prabagar
Assistant Professor
Department of Physics
Loyola College
Chennai 600 034

Will release the department newsletter and deliver the talk

GROUND RULES AND BASICS FOR PREPARATION

Date: 3rd April 2021 Time: 5 - 6.30 pm
Platform: Google Meet
Link: <https://meet.google.com/jfi-nfco-tnc>



4. The department conducted a webinar titled **“Internship Webinar”** which was a talk by 2019-2021 batch students (**Ms. Harini, Ms. Madhumitha, Ms. Petricia, Ms. Preethi**). Four representatives from the second year (2019-2021 batch) enlightened the first-year students on the application processes, resources available, and online course options regarding the internship program.

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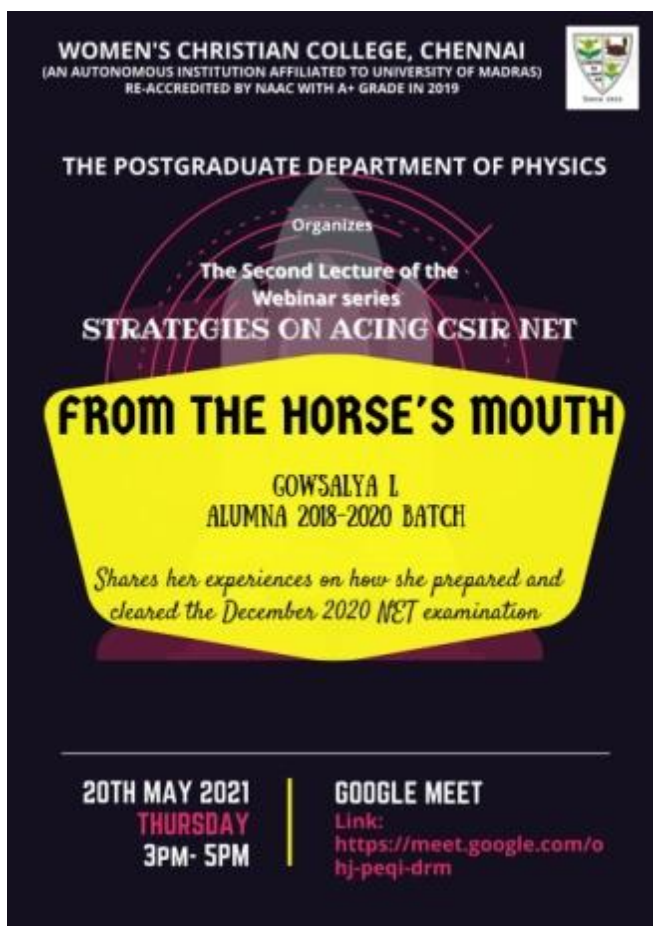
THE POSTGRADUATE DEPARTMENT OF PHYSICS
Organizes
an
Internship Webinar
Talk by 2019 - 2021 batch students

Ms. Harini P - An overview about internship training
Ms. Madhumitha M - Summer training program openings
Ms. Petricia Sara Peter - Online certificate course options
Ms. Preethi J - Webinars and quizzes

Date : 8 May 2021
Time : 4:00 p.m. - 6:00 p.m.
Platform : Google Meet
Link : <https://meet.google.com/thd-tsnx-tor>

*Information on how to proceed with internship
and the various options available*

5. As part of the webinar series **“Strategies on Acing CSIR-NET”**, a 2nd Lecture titled “From the Horse’s Mouth” was delivered by Ms. **Gowsalya L (Alumna of Batch 2018-2020)**. She was the first student of the PG Physics Department to clear the CSIR NET examination. She highlighted the students with the key points and techniques to be followed during preparation and attempting the NET exam.



Gowsalya Lakshmanan is presenting

How to prepare for CSIR - NET... 919094486611

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The best approach

- Analyze the syllabus completely
- Divide the subjects based on your ability
- Learn the concepts and make a note of it
- Solve related problems from previous year question paper
- Have proper revision time
- Take as many mock tests as possible
- Have Faith, Believe in God, Believe in yourself

Slide 18 of 19

20PPH23 THARA... and 43 more

3:26 PM

Gowsalya Lakshmanan
Ms Lakshmi Devi S
20PPH26 DINISHA D
20PPH08 MELINDA JES...
Dr Meera K
Harini Loganathan
20PPH20 JOSEPHINE IN...
Ms Anjaly Rahel
19PPH02 ALLOFFY MAR...

Meeting details

Raise hand Turn on captions Gowsalya Lakshmanan is presenting

- **Ms. Gowsalya (Batch 2018-2020)** cleared the CSIR – NET exam with JRF and Lectureship eligibility

 NATIONAL TESTING AGENCY <i>Excellence in Assessment</i>	 Council of Scientific & Industrial Research (Human Resource Development Group)	 सत्यमेव जयते
		
CERTIFICATE		
Joint CSIR-UGC National Eligibility Test (NET) for Junior Research Fellowship (JRF) and Eligibility for Lectureship (LS)/Assistant Professor held on 19th, 21st, 26th & 30th November, 2020 and Result declared on 4th February, 2021.		
E-certificate No.: <u>JUN20C08089</u>		
CSIR-HRDG Ref. No.: <u>Nov/06/2020(j)EU-V</u>		
Roll No.: <u>TN01600449</u>		
Certified that <u>GOWSALYA L</u>		
Son/Daughter of <u>LAKSHMANAN S</u> and		
<u>VIJAYA L</u> has been declared qualified for award of Junior		
Research Fellowship (JRF) in the Subject <u>PHYSICAL SCIENCES</u>		
(<u>320</u> Rank), under CSIR Fellowship scheme. Further, he/she has also been declared qualified for eligibility for Lectureship (LS)/Assistant Professor in the above subject area provided he/she fulfils the eligibility criteria laid down by University Grants Commission (UGC).		
The offer of Junior Research Fellowship is valid for a period of two years w.e.f 01.05.2021 and is not extendable. It will be governed by the terms and conditions of CSIR Junior Research Fellowship scheme (terms and conditions of the scheme is available at CSIR-HRDG website www.csirhrdg.res.in).		
In order to accept the offer of Junior Research Fellowship, he/she should send the joining report, undertaking and attestation proforma which can be downloaded from the CSIR-HRDG website, and submit the same, duly completed in all respect to the Deputy Secretary(EMR)/Under Secretary(EMR) at the address given overleaf.		
Date of issue: <u>11.06.2021</u>		
		 Under Secretary (EXAM) CSIR-HRDG
Important Notes:		
(a) This certificate is being issued on the basis of information provided by the candidate in his/her application form. The Appointing Authority/Fellowship Awarding Authority should verify the original documents/certificates of the candidate while considering him/her for appointment/awarding fellowship, as CSIR-HRDG is not responsible for the same. In case the candidate has qualified under Result Awaited (RA) category, the certificate will be valid only from the date of acquiring the requisite qualification. The details of eligibility criteria for this test are given overleaf.		
(b) In case the candidate does not fulfill any of the eligibility conditions and/or category status (SC/ST/OBC-NCL/EWS/PwD etc.) as claimed by the candidate in his/her application form, this certificate may be treated as cancelled.		