

*"Dream, dream, dream.  
Dreams transform into thoughts  
and thoughts result in action."*

DR. APJ ABDUL KALAM

## **ORGANIZING COMMITTEE**

Patron: Sri.Vellappally Natesan  
(Manager, SN Colleges)

Chairperson:

Smt.Shereen K  
Principal-in-Charge

Coordinators:

Dr.K.Sreelatha, HOD  
Mr.Jincemon Cyriac

Members:

Dr.Venu S  
Mr.Praveen K H  
Ms.Shehina Shaji  
Dr.Jisha Sreedharan  
Dr.Smitha Sasidharan

## **Join Us**

Saturday, 7 August 2021  
at 10:00 am

Video call link:

<https://meet.google.com/gge-hwwn-vxn>

Mob:9447897925, 9947464726

[www.sncollegechengannur.org](http://www.sncollegechengannur.org)



Webinar Series on

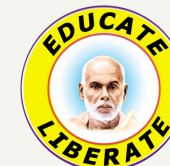
## **Material Characterization Talk I-Spectroscopic Techniques**

in connection with the commemoration of

# **DR. APJ ABDUL KALAM**

Jointly Organized by  
**Post Graduate Department of Physics,  
Science Forum & IQAC**

**07/08/2021**



## **Sree Narayana College Chengannur**

(Affiliated to University of Kerala)  
(NAAC accredited with Grade B)

Neduvancode (PO), Chengannur  
Alappuzha District, Kerala-689508

**Interdepartmental  
Science Quiz Competition  
&  
Poster Design Competition**

TECHNICAL SESSION II

# SCIENCE QUIZ



Dear Sir/Madam,

Greetings of the Day!

The Post Graduate Department of Physics, Science Forum & IQAC of Sree Narayana College, Chengannur jointly organize a one-day webinar on "Material Characterization" in connection with the commemoration of Dr.APJ Abdul Kalam. The plenary talk in this series is on "Spectroscopic Techniques" by Dr.Vinoy Thomas, Assistant Professor, Department of Physics, Christian College, Chengannur. He has kindly consented to inaugurate the webinar series & Physics Association of our college and to deliver the inaugural talk. Dr.Vinoy Thomas will also lead a technical session on "Spectroscopic Techniques".

An interdepartmental Science Quiz Competition and Poster Design Competition are also scheduled in connection with the event. The programs primarily target students, to impart an understanding of basic sciences and its importance. The programs are also intended to stimulate their co-curricular and creative aspects. All are cordially invited to the function.

Dr.K.Sreelatha  
HOD, Physics

Smt.Shereen K  
Principal-in-Charge

## Program

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| Prayer                           | Ms. Haritha Harikumar                                                                              |
| Welcome                          | Dr.K.Sreelatha<br>HOD, Dept.of Physics                                                             |
| Presidential Address             | Smt.Shereen K<br>Principal-in-Charge                                                               |
| Inauguration & Inaugural Address | Dr.Vinoy Thomas<br>Assistant Professor<br>Department of Physics<br>Christian College<br>Chengannur |
| Felicitation                     | Dr.Venu.S<br>IQAC Coordinator                                                                      |
| Vote of Thanks                   | Ms. Rashina A<br>Physics Association<br>Secretary                                                  |

Technical Session I  
Invited Talk by  
**Dr.Vinoy Thomas**

**Webinar Series on**  
**Material Characterization**  
**Talk-I-Spectroscopic Techniques**  
**07 August 2022**

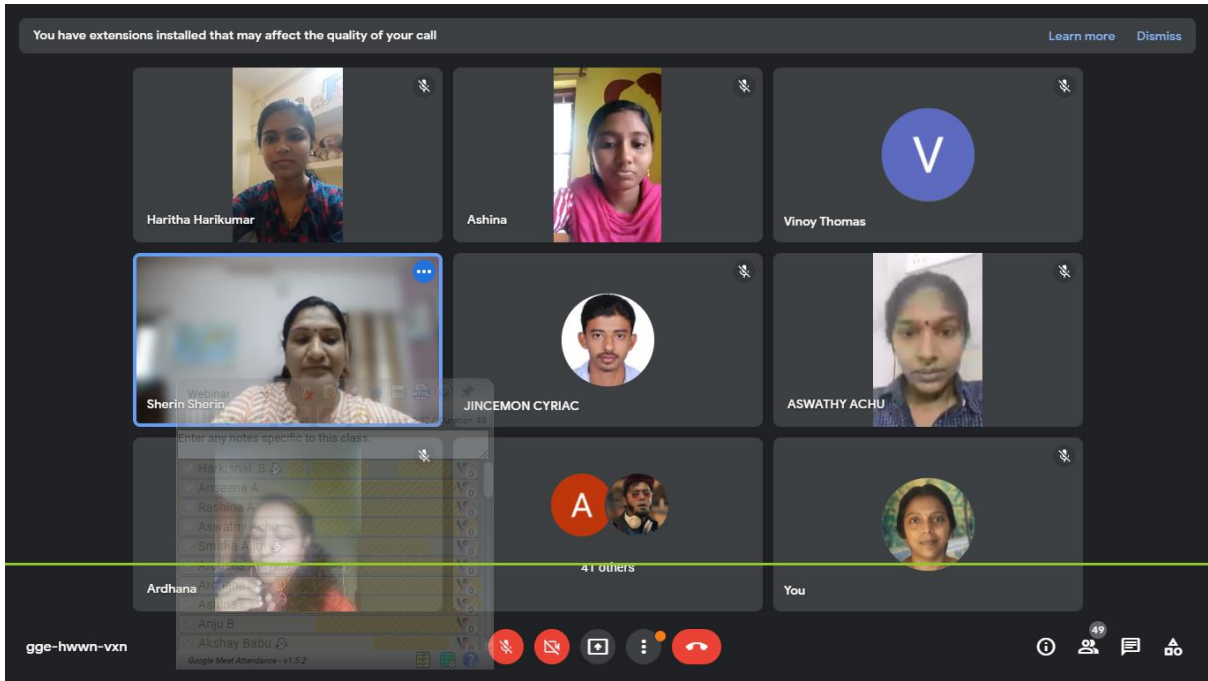
**REPORT**

The Post Graduate Department of Physics, IQAC and Science Forum of the Sree Narayana College, Chengannur jointly organized a one-day webinar on “Material Characterization-Spectroscopic Techniques” on 07 August 2022 in connection with the commemoration of Dr.APJ Abdul Kalam our former president, renowned Physicist well known as the Missile man of Indian. The program primarily targeted the post graduate students who are interested in further research after completion of the course. The topic spectroscopic techniques are very useful for the undergraduate and post graduate Physics as well as Chemistry students.

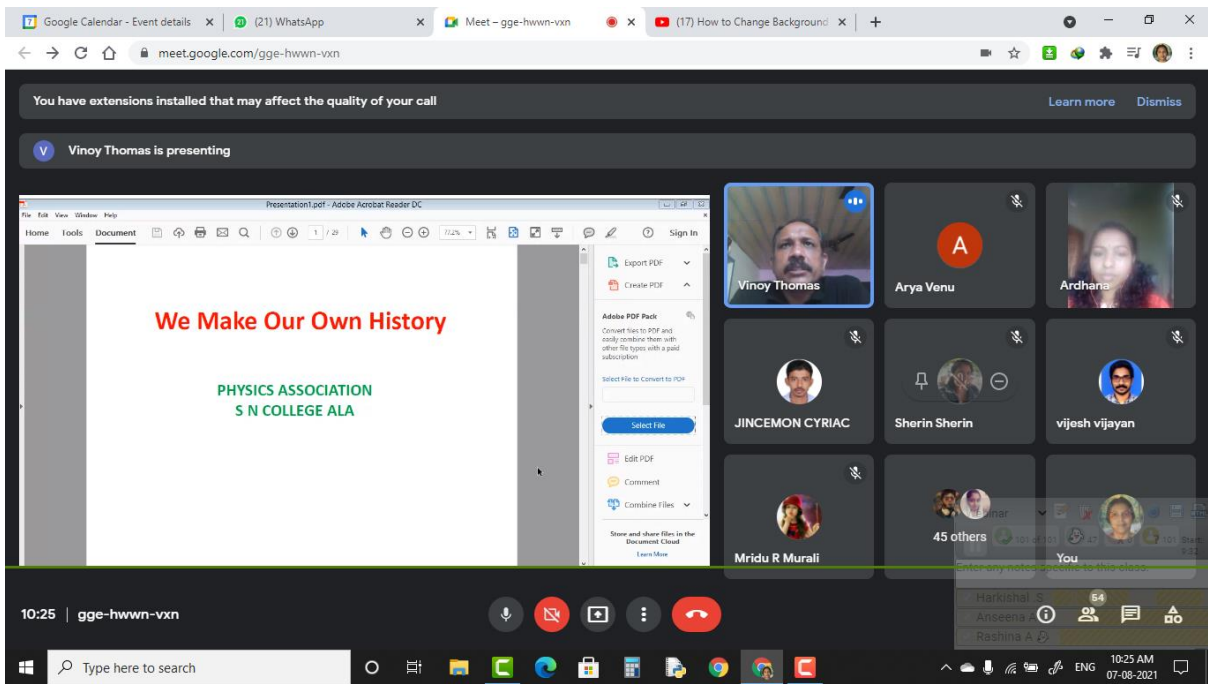
Smt.Shereen K, Principal-in-Charge, presided over the function. Ms.Haritha Harikumar, III B.Sc. Physics, invoked God almighty through her prayer song. Dr.K.Sreelatha, Assistant Professor and Head of the Department of Physics welcomed the participants. **Dr.Vinoy Thomas**, Assistant Professor, Research Department of Christian College, Chengannur inaugurated the event and delivered the inaugural speech. He also inaugurated the Physics Association for the academic year 2021-22. Dr.Venu S, IQAC coordinator, Assistant Professor and Head of the Department of Chemistry, felicitated the occasion. Ms.Rashna S, III B.Sc. Physics, and Physics Association Secretary, delivered vote of thanks. Ms.Ardhana Chandran, II M.Sc. Physics and Ms.Rashna S were the Masters of the Ceremony.

Dr.Vinoy after the inaugural session, gave an invited talk on “Spectroscopic Techniques”. An interdepartmental Science Quiz competition and a Poster design competition was scheduled in connection with the event and as further activities of Physics Association. These programs primarily target students, to impart an understanding of basic sciences and its importance. The programs are also intended to stimulate their co-curricular and creative aspects.

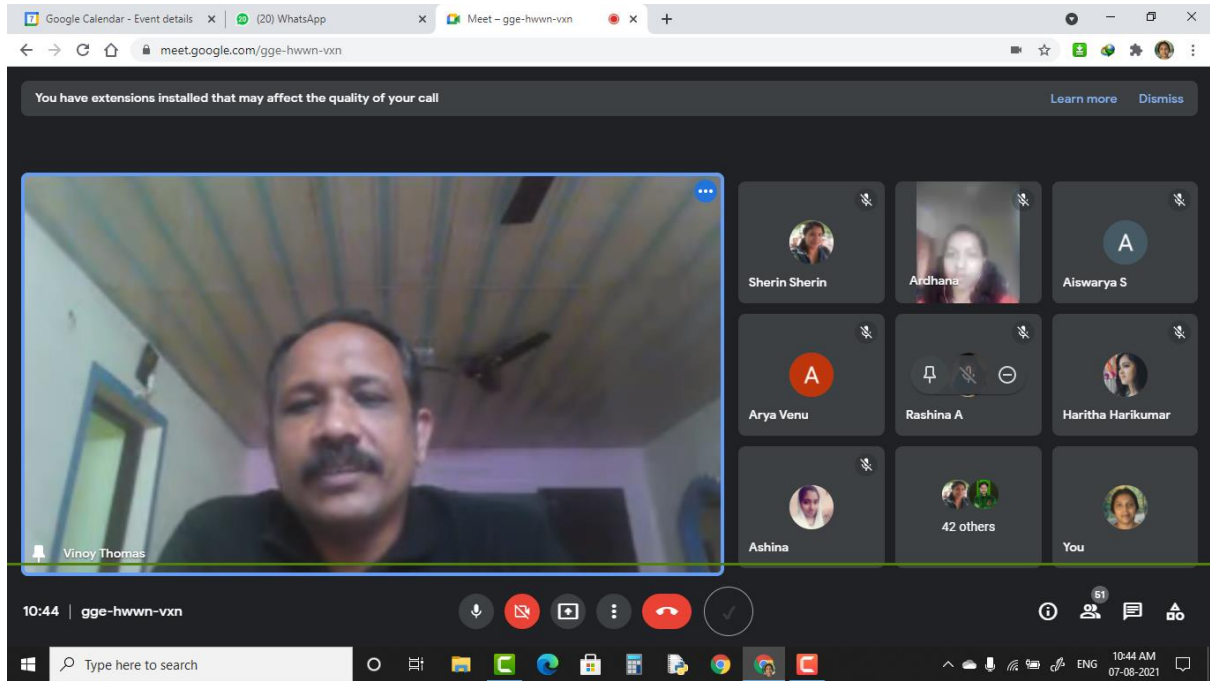
Dr.K.Sreelatha  
Programme Coordinator



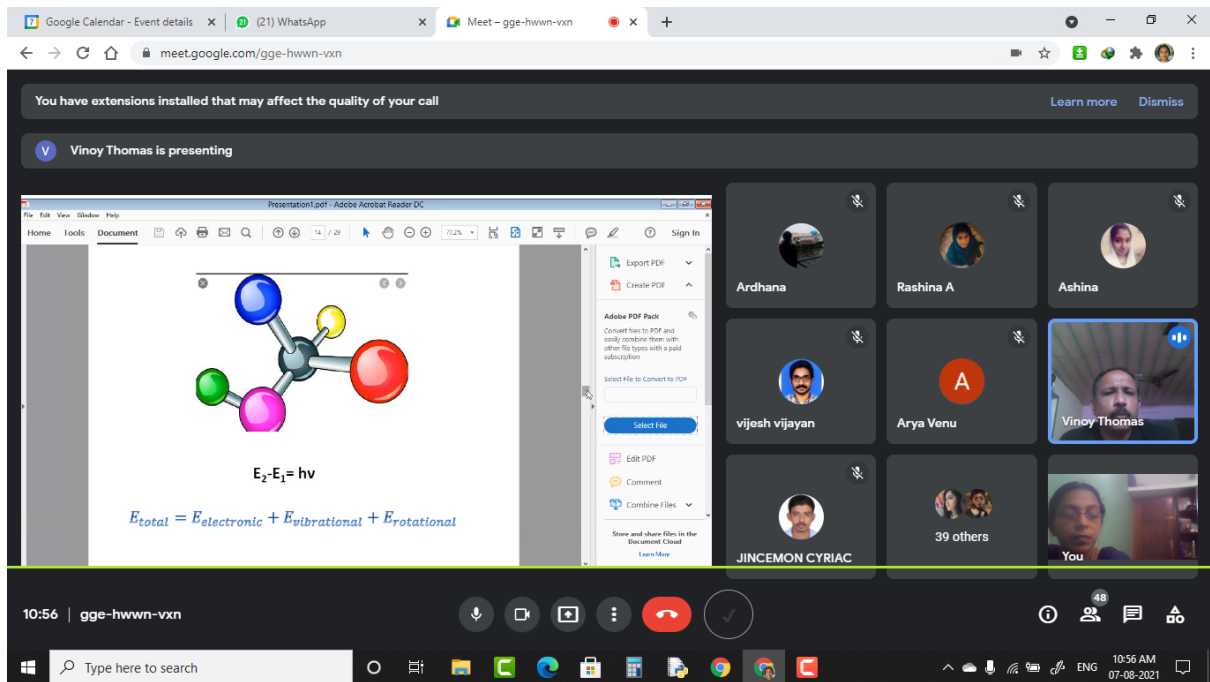
Presidential Address by Smt. Shereen K, Principal in Charge



Physics Association Inauguration- Dr. Vinoy Thomas



### Physics Association Inauguration- Dr.Vinoy Thomas



### Invited Talk Dr.Vinoy Thomas

Google Calendar - Event details x (21) WhatsApp x Meet - gge-hwwn-vxn

meet.google.com/gge-hwwn-vxn

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Vinoy Thomas is presenting

The presentation slide, titled "Origin of Electronic Spectra", shows energy levels for electronic ground state, electronic excited state 1, and electronic excited state 2. It illustrates transitions: A (electronic transition from  $E_2$  to  $E_1$ ), B (electronic transition from  $E_2$  to  $E_0$ ), C (vibrational transition), and D (rotational transition). The y-axis is labeled "Energy".

Participant thumbnails include: Ardhana, Rashina A, Ashina, vijesh vijayan, Subin Balachandran, Vinoy Thomas (highlighted), JINCEMON CYRIAC, 38 others, and You.

11:00 | gge-hwwn-vxn

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11:00 AM 07-08-2021

### Invited Talk Dr.Vinoy Thomas

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Participant thumbnails include: Haritha Harikumar, Ashina, Vinoy Thomas, Sherin Sherin, JINCEMON CYRIAC, ASWATHY ACHU, Ardhana, and You.

41 others

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Google Meet Attendance - v1.5.2