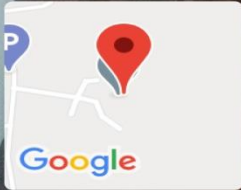


SES College Sreekandapuram.....

Department of Physics.....



ACTIVITY REPORT 2020-2021



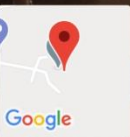
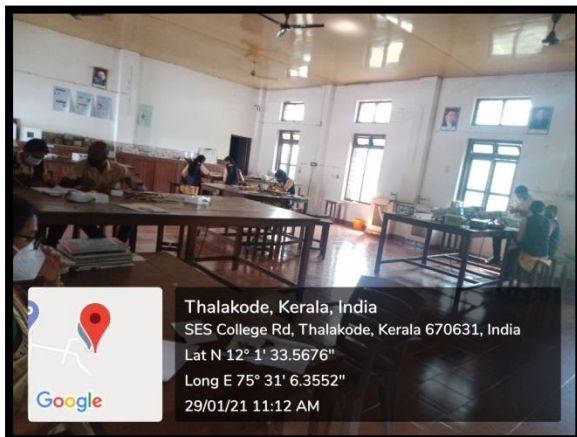
Thalakode, Kerala, India

SES College Rd, Thalakode, Kerala 670631, India

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Long E 75° 31' 5.9988"

29/01/21 11:11 AM



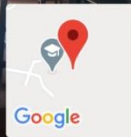
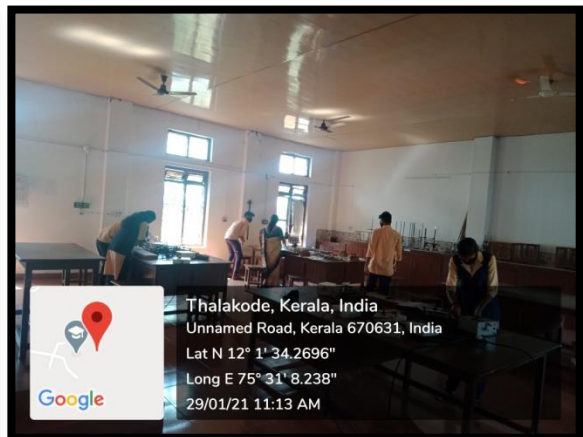
Thalakode, Kerala, India

SES College Rd, Thalakode, Kerala 670631, India

Lat N 12° 1' 33.5676"

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29/01/21 11:12 AM



Thalakode, Kerala, India

Unnamed Road, Kerala 670631, India


Lat N 12° 1' 34.2696"

Long E 75° 31' 8.238"

29/01/21 11:13 AM

1. CONVERGENCE 2020 <https://youtu.be/nAicashggfk>

Department of Physics in connection with IQAC, S E S College Sreekandapuram conducted a webinar on **9 June 2020** on the topic "**Nano-Micro Electromechanical resonators based Nanowires, Nanotubes and Graphene**" for faculties, students and research scholars. Dr Abhilash T S, V T T Technical research centre Finland Ltd Espoo Finland handled the session of one hour duration. Dr. Dominic Thomas, Principal, S E S College Sreekandapuram inaugurated and Smt Sheela M Joseph, Associate Professor & H O D, Department of Physics chaired the same. Almost sixty participants were there and the discussion part was very interesting and enthusiastic.



S.E.S. COLLEGE
Affiliated to KANNUR UNIVERSITY
Accredited by NAAC with B Grade
SREEKANDAPURAM, KANNUR KERALA 670631

INTERNATIONAL MULTIDISCIPLINARY WEBINAR SERIES


CONVERGENCE 2020

29 May, 2020, Friday onwards

9th June 2020
11.30 AM to 01 PM

Topic:
**"Nano-Micro Electromechanical Resonators
Based on Nanowires, Nanotubes and Graphene"**

Resource Person



Dr. ABHILASH T.S.,
VTT Technical Research Centre of Finland Ltd
Espoo, Finland

Host
Department of Physics

Coordinator:
Smt. Sheela M. Joseph
9446534647

Convergence 2020Page 12

2.QUBIT 2K20- INTERNATIONAL WEBINAR SERIES

Inauguration and Session I : https://youtu.be/vs_Z6lUJ2VY

Session II : <https://youtu.be/IY63R3XKVxq>

Session III : <https://youtu.be/ZhshBwlvilc>

Session IV : https://youtu.be/sPi_EoHU2GM

Session V : <https://youtu.be/PBencPWwNMk>

International webinar series named **QUBIT 2K20** was organized and conducted by the department on **08- 12 September 2020**. Dr T L Remadevi, Retired Principal and Research Guide, Pazhassi Raja N S S College Mattanur inaugurated the series. Dr VineeshKappadan, University of GoeningenGermany on “Flourescence imaging of beating hearts”, Dr Jijo P Ulahannan, Govt College Kasaragod on”Upskilling your Graduation and preparation for future”, Dr AnilKumar K M, M S M College Kayamkulam on “Energy Storage Devices”, Dr Rakesh Chandran, S D College Alappuzha on “Transistors as Amplifiers and Oscillators” and Dr K V Murali, Nehru College Kanhangad on ”Virtual world of Physics education” handled five various sessions. Each session was around one hour duration and students, faculties and research scholars from various states benefitted.

INTERNATIONAL WEBINAR SERIES

QUBIT 2K20

From 08 - 12 September 2020



Organized by

DEPARTMENT OF PHYSICS

S E S COLLEGE SREEKANDAPURAM

(Accredited by NAAC with B grade)
Affiliated to Kannur University

Sreekandapuram - 670631
Kannur District

Dear Sir/Madam

The Department of Physics S E S College Sreekandapuram organizes an International Webinar series entitled "Qubit 2K20". The program is mainly aimed at UG & PG students studying in various Universities in Kerala. The participation will be limited to the registered candidates. We cordially invite your esteemed presence to make the event a grand success

Dr. Dominic Thomas (Principal) Sheela M Joseph (Convener) Dr. Dhanya A C (Coordinator)

PROGRAMME

Day 1 (08/09/2020) Tuesday @ 1 PM

Inauguration Session

Welcome Address : Sheela M Joseph
Presidential Address : Dr. Dominic Thomas (Principal)
Inauguration : **Dr. T L Remadevi**
(Retd. Principal & Research Guide, PRNSS College, Mattannur)
Felicitation : Sajeesh T J (IOAC Co-ordinator)
Vote of thanks : Dr. Dhanya A C

INVITED LECTURE I (1.30- 3.00 PM)

Dr. Vineesh Kappadan
(University of Goettingen, Germany)

"Fluorescence imaging of Beating Hearts"

Day 2 (09-09-2020, Wednesday)

INVITED LECTURE II (10.00- 11.30 AM)

Dr. Jijo P Ulahannan

(HOD & Assistant Professor in Physics, Govt. College Kasaragod)

"Up-skilling your Graduation and Preparation for the Future"

Day 3 (10-09-2020, Thursday)

INVITED LECTURE III (10.00- 11.30 AM)

Dr. Anil Kumar K.M

(Assistant Professor in Physics, MSM College, Kayamkulam)

"Energy Storage Devices"

Day 4 (11-09-2020, Friday)

INVITED LECTURE IV (10.00- 11.30 AM)

Dr. Rakesh Chandran

(Assistant Professor in Physics, S D College Alappucha)

"Transistors as Amplifiers & Oscillators"

Day 5 (12-09-2020, Saturday)

INVITED LECTURE V (10.00- 11.30 AM)

Dr. K V Murali

(HOD & Associate Professor in Physics, N.A.S College, Kanhangad)

"Virtual World of Physics Education"

About the Webinar

Online Platform : Google Meet

Last Date for Registration: **07-09-2020**

Certificate: E-certificates will be issued only to those who attend at least four out of the five sessions. Attendance will be marked through feedback submission at the end of each lecture.

Feel free to Contact us,

Smt. Sheela M Joseph (Mob: 9446534647)

Dr. Rejith P P (Mob: 9961889969)

Email: sescollegephysics@gmail.com

INTERNATIONAL WEBINAR SERIES

QUBIT 2K20

From 08 - 12 September 2020



Organized by

DEPARTMENT OF PHYSICS

S E S COLLEGE SREEKANDAPURAM

(Accredited by NAAC with B grade)
Affiliated to Kannur University

Day 1 (08/09/2020) Tuesday @ 1 PM Inaugural Session



Inauguration

Dr. T L Remadevi

(Retd. Principal & Research Guide, PRNSS College, Mattannur)



Presidential Address

Dr. Dominic Thomas

(Principal)

INVITED LECTURE I (1.30- 3.00 PM)



Dr. Vineesh Kappadan

(University of Goettingen, Germany)

Fluorescence imaging of Beating Hearts

INTERNATIONAL WEBINAR SERIES

QUBIT 2K20

From 08 - 12 September 2020



Organized by

DEPARTMENT OF PHYSICS

S E S COLLEGE SREEKANDAPURAM

(Accredited by NAAC with B grade)
Affiliated to Kannur University

Day 2 (09/09/2020) Wednesday @ 10-11.30 AM

INVITED LECTURE II



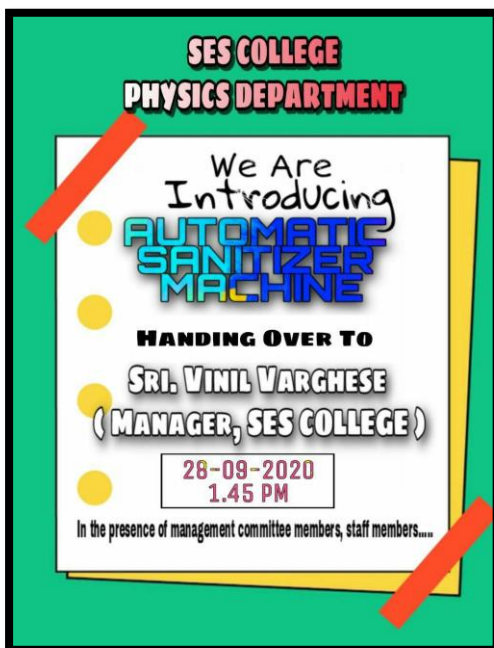
Dr. Jijo P Ulahannan

(HOD & Assistant Professor in Physics, Govt. College Kasaragod)

Up-skilling your graduation and preparation for the future

3.AUTOMATIC SANITIZER MACHINE

Inorder to maintain health and hygiene during Covid Pandemic, students from Physics department took initiatives in making an **Automatic hand sanitizing machine**. Students named Jishnu, Sooraj, Abhinav and Vignesh together with our third year students and teachers designed the same. Two machines were hand over to the Management and Principal on the inauguration day on **28 September 2020**.



4.ONAM CELEBRATION

Department of Physics organized an intercollegiate competition named “Protonam” on **01 September 2020** in connection with Onam celebration. Students from various departments participated in the event and Ananya Unnikrishnan of Physics department won the prize.

SES COLLEGE SREEKANDAPURAM
PHYSICS DEPARTMENT presents
Inter collegiate competition **പ്രോട്ടോണം** Prize **₹555**
(Obey the covid protocol, protect our life....)

വാമനൻ മഹാബലിയെ പാതാളത്തിലേക്ക് ചവിട്ടി താഴ്ത്തിയതാണ് പ്രോട്ടോണം. ഓണത്തിന്റെ ഐതിഹ്യം ആ ദിവസം രാത്രി വാമനൻ ഒരു ധവനി എഴുതിയതാണ് എങ്ങനെ ഉണ്ടാകുന്നു!

50 വാക്കിൽ കവിലാത ശ്രീലേറ്റിവി' രൂപീകൃത സൃഷ്ടികൾ തയ്യാറാക്കുക

Last date 01/09/2020

9746812172,9847833757

SES COLLEGE SREEKANDAPURAM
PHYSICS DEPARTMENT
പ്രോട്ടോണം
(Obey the covid protocol, protect our life)
മത്സരാജയി

ANANYA UNNIKISHNAN
(2ND DC PHYSICS)

അഭിനന്ദനങ്ങൾ 🙌🙌

5. INTERNATIONAL SCIENCE DAY CELEBRATION

International Science day was celebrated by conducting various events like **Science Quiz** and a **talk** on “Analemma of the Sun” on **10 November 2020**. Students of various departments actively participated and Sreya of Chemistry department and Rasiga of Physics department won First and Second prizes respectively. Our third year student Justin Mathew delivered a talk.



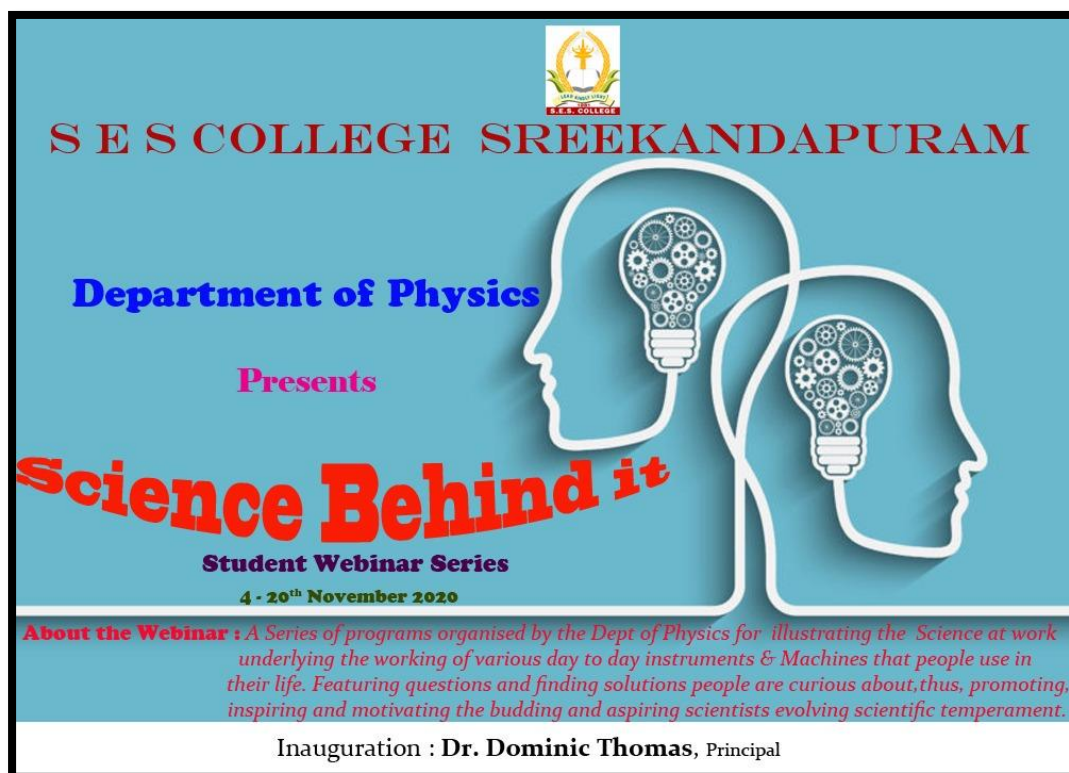
6.SCIENCE BEHIND IT (STUDENT WEBINAR SERIES)

Inauguration Session : https://youtu.be/kQ1qi5c_1e0

Selected Sessions: <https://youtu.be/MUD7mZe8Zlq>

Selected Sessions : <https://youtu.be/Vpht7lGmeAQ>

Student webinar series “**Science Behind It**” was organised by the Department during **4-20 November 2020**. Principal Dr Dominic Thomas inaugurated the series. Working of various day to day instruments & machines that are familiar being presented by the students. Each student actively participated and presented different topics.



The poster features a light blue background with a white graphic of two human profiles facing each other, with lightbulbs inside their heads containing gears. At the top center is the SES College logo. The text is arranged as follows:

SES COLLEGE SREEKANDAPURAM

Department of Physics

Presents

Science Behind it

Student Webinar Series

4 - 20th November 2020

About the Webinar : *A Series of programs organised by the Dept of Physics for illustrating the Science at work underlying the working of various day to day instruments & Machines that people use in their life. Featuring questions and finding solutions people are curious about, thus, promoting, inspiring and motivating the budding and aspiring scientists evolving scientific temperament.*

Inauguration : **Dr. Dominic Thomas**, Principal

7. ORIENTATION PROGRAMME AND BRIDGE COURSE

Inauguration Session: <https://youtu.be/RZE96jUdODk>

In order to build up basic knowledge, first year Physics students attended a course named “**Foundation Course in Physics**”. Bridge course and orientation programme was inaugurated by **Sri Deepu Joseph**, Assistant Professor, Nirmalagiri College. Teachers of the same department handled various sessions according to the scheduled syllabus.

S.E.S COLLEGE SREEKANDAPURAM
DEPARTMENT OF PHYSICS

BRIDGE COURSE INAUGURATION & ORIENTATION PROGRAM

Sri. Deepu Joseph
(Assistant Professor, Dept. Of Physics, Nirmalagiri College)

On
08-12-2020
@ 2pm

physics@sescollege.ac.in