

Department of Physics

Sri GVG Visalakshi College for Women, (Autonomous)

Affiliated to Bharathiar University

Re- Accredited at A⁺ Grade by NAAC (Fourth Cycle)

An ISO 9001:2015 Certified Institution

Udumalpet - 642128, Tamilnadu



Report of the Events

GVG ENOPCYC 2021 Einstein's Nobel Prize Centenary Year Celebrations

From 14th June to 16th June 2021

(Funded under DBT-Star College Scheme)

(Virtual Platform – ZOOM)

GVG ENOPCYC 2021

Organized by

Department of Physics

in association with Indian Association of Physics Teachers

Sri G.V.G Visalakshi College for Women

Udumalpet – 642 128

Tamilnadu

Flyer



**Sri GVG Visalakshi College for Women (Autonomous)
Udumalpet, Tamilnadu
Accredited at A+ Grade by NAAC (4th Cycle)**

**"Einstein's NObel Prize Centenary Year Celebrations"
by Department of Physics
organised in association with IAPT
under DBT Star College Scheme**



GVG ENOPCYC 2021

14th June - 16th June 2021 @10.30AM

"Story of Photoelectric Effect"

Mrs Smita Fangaria, Noida, UP

14.06.2021 @ 10.30AM



"Demonstration on Photoelectric effect"

Dr J Chandrasekhar Rao,

Govt. Degree & PG College , AP

15.06.2021 @ 10.30AM



Interaction with Students-

Padma Shri Prof.H.C.Verma,

IIT, Kanpur

16.06.2021 @ 10.30AM



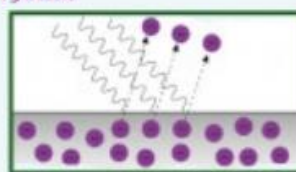
Workshop on

"e-tools for Creating & Editing videos"

Dr Vimal Jerald,

St. Joseph's College, Tiruchirapalli. TN

14th - 16th June 2021 @ 11.30AM



Video Contest

**Create a Science
Video & Win Prizes**

**Join Virtually via
Zoom Platform**

Programme Schedule

Sri GVG Visalakshi College for Women (Autonomous)

Udumalpet, Tamilnadu
Accredited at A+ Grade by NAAC (4th Cycle)

“EINSTEIN’S NOBEL PRIZE CENTENARY YEAR CELEBRATIONS”



By

Department of Physics

Organised in association with

Indian Association of Physics Teachers under DBT Star College Scheme



Time: 10:15 AM

Platform: Zoom

GVG ENOPCYC 2021

DAY 1: 14.06.2021

Prayer Song : **A. Indhu**, I MSc Physics

Welcome Address : **Mrs B. Nirmala**

Head & Associate Professor of Physics,
Sri GVG Visalakshi College for Women

Introducing Resource : **Dr M. Nirmala**

Person Assistant Professor of Physics,
Sri GVG Visalakshi College for Women

TECHNICAL SESSION 1 : 10:30 AM – 11:30 AM

Topic : “Story of Photoelectric Effect”

Resource Person : **MRS SMITA FANGARIA**

PG Teacher
Amity International School
Noida, UP

Interaction

Vote of Thanks : **V. Tamilmozhi**, II BSc Physics

TECHNICAL SESSION 2 : 11:30 AM – 1:00 PM

Welcome & Introduction : **Dr S. Aram**

of Resource Person DBT Coordinator
Associate Professor of Physics,
Sri GVG Visalakshi College for Women

Topic : “e-tools for Creating & Editing videos” – PowerPoint 2010

Resource Person : **DR VIMAL JERALD**
Assistant Professor of Computer Science
St. Joseph’s College, Tiruchirappalli, TN

Interaction

DAY - 2: 15.06.2021

Prayer Song : **S. Geethanjali**, II BSc Physics

Welcome & Introduction of Resource Person : **Dr B. Kavitha**
Assistant Professor of Physics
Sri GVG Visalakshi College for Women

TECHNICAL SESSION 1 : 10:30 AM – 11:30 AM

Topic : “Demonstration of Photoelectric Effect”

Resource Person : **DR J CHANDRASEKHAR RAO**
Focus IAPT Anveshika Coordinator &
Head & Assistant Professor of Physics
Govt. Degree & PG College, Salur, AP

Interaction

Vote of Thanks : **K. Harini Kaviya**, III B.Sc Physics

TECHNICAL SESSION 2 : 11:30 AM – 1:00 PM

Topic : “e-tools for Creating & Editing videos” – Openshot & Freecam

Resource Person : **DR VIMAL JERALD**
Assistant Professor of Computer Science
St. Joseph’s College, Tiruchirappalli, TN

Interaction

DAY - 3: 16.06.2021

Prayer Song : **R. Sudarmathi**, II BSc Physics

Welcome Address : **Dr N. Rajeswari**
Principal
Sri GVG Visalakshi College for Women

Introducing Resource Person : **Mrs T. V. Banumathi**
Controller of Examinations &
Associate Professor of Physics
Sri GVG Visalakshi College for Women

TECHNICAL SESSION 1 : 10:30 AM - 11:30 AM

Topic : "Interaction with Students"

Resource Person : **Padma Shri Prof. H.C. VERMA**
IIT, Kanpur.

Vote of Thanks : **Dr S Aram**
DBT Coordinator
Associate Professor of Physics
Sri GVG Visalakshi College for Women

TECHNICAL SESSION 2 : 11:30 AM - 1:00 PM

Topic : "e-tools for Creating & Editing videos" - CANVA

Resource Person : **DR VIMAL JERALD**
Assistant Professor of Computer Science
St. Joseph 's College, Tiruchirappalli, TN

Interaction

Vote of Thanks : **Mrs B. Nirmala**
Head & Associate Professor of Physics
Sri GVG Visalakshi College for Women

Einstein's Nobel Prize centenary year celebration Given ENOPLYL 2021

Date : 14.06.2021, 15.06.2021, 16.06.2021

Time : 10.30 AM.

Platform :

Day I - 14.06.2021

In science, many notable events occurred and discoveries that justify centenary celebrations. But there are a select few that are more than notable: Einstein was awarded the 1921 Nobel prize in physics for his discovery of the law of the photoelectric effect and Robert Millikan was awarded the Nobel prize in 1923 for his work on the elementary charge of electricity and on the photoelectric effect. Usually, bright scientists make outstanding contributions some even comparable to Einstein and after they die, the memory and public awareness of their greatness recedes into history.

To celebrate and remember one of the greatest scientists of our time, we the Department of physics, Sri Guru Vikalashi college for women, Udumalpet and Indian Association of physics Teachers (IAPT) jointly organized programme for school and college students from 14.06.2021 to 16.06.2021 via digital platform under DBT Swan college scheme.

The first day was started by inauguration in the morning at 10.30 am through zoom platform Mrs B. Nirmala, Head of the Department has welcomed the participants, the guests and explained the purpose and the background of the celebration.

Dr. M. Nirmala, Assistant Professor of physics has introduced the resource person, Mrs. Smita Jangaria physics teacher, Amity International school, Noida, UP was the resource person of the first session and she delivered a special address on the "story of photo electric effect".

The resource person narrated the story of photoelectric effect from electromagnetic induction, study the effect of light, Hallwachs's experiment, Philip Lenard setup, results obtained by Lenard's experiment. She discussed about the Einstein's research papers on Brownian motion, special theory of relativity, photoelectric effect; Einstein theory, photoelectric equation, entry of Millikan, Millikan's experimental setup, materials used for producing photoelectric effect and experimental determination of h . Finally she ended up with how Einstein published his results for getting Nobel prize in the year 1921. Nearly 200 students from schools & colleges were participated in this session.

The Second session was started at 11:30 am and Dr. S. Aram, Associate Professor of physics has introduced the resource person. In the second session Dr. Vimal Serrald, St. Joseph's College Tiruchirappalli, Tamilnadu was acted as a resource person and demonstrated about one-tools for creating and Editing videos using Power point 2010 to the participants. He also showed how to add animations, audio, voice and video in ppt. The resource person clarified for the queries raised by the participants and finally M. V. Tamilmozhi of Di BSc physics student has proposed the vote of thanks.

colleges were interacted with the resource person and asked interesting questions to Prof. H.C. Verma. He answered to the students questions happily and motivated them. The resource person asked the students to study physics concepts in depth and in an interesting way. Some of the participants shared their own made electroscope and demonstrated the same. The resource person was surprised about their interest and appreciated the participants. Mrs. B. Nirmala, Head of the Department proposed the vote of thanks for the resource person for their virtual gracious presence.

In the second session, students showed their PPT on physics concept with video recording to the resource person. Then the resource person Dr. Vimal Jerald demonstrated open shot software for adding title, images, video to a new project. Then he clearly detailed with demonstration editing the videos, changing background and saving the project. Participants interacted with the resource person enthusiastically and clarified their doubts regarding creating videos and uploading it in Google classroom. Instructions were given to the participants for video contest and students are asked to submit their videos in a stipulated time in Google class room. Ms. T. Sreelatha Assistant Professor of physics has proposed the vote of thanks to the Resource person and to the participants. Through this workshop on "video creating and editing", the participants gained a sound understanding of the concept of video making. Totally 200 participants were benefitted through this programme.

S. Aram
DBT coordinator

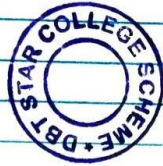
B. Nirmala
HOD

Rajiswari
Principal

Dr. S. ARAM, M.Sc., M.Phil., B.Ed., Ph.D.,
Associate Professor of Physics,
Sri G.V.G. Visalakshi College for Women,
Autonomous & Affiliated to Bharathiyar University,
Udumalpet - 642 128, Tiruppur (Dt), TN.

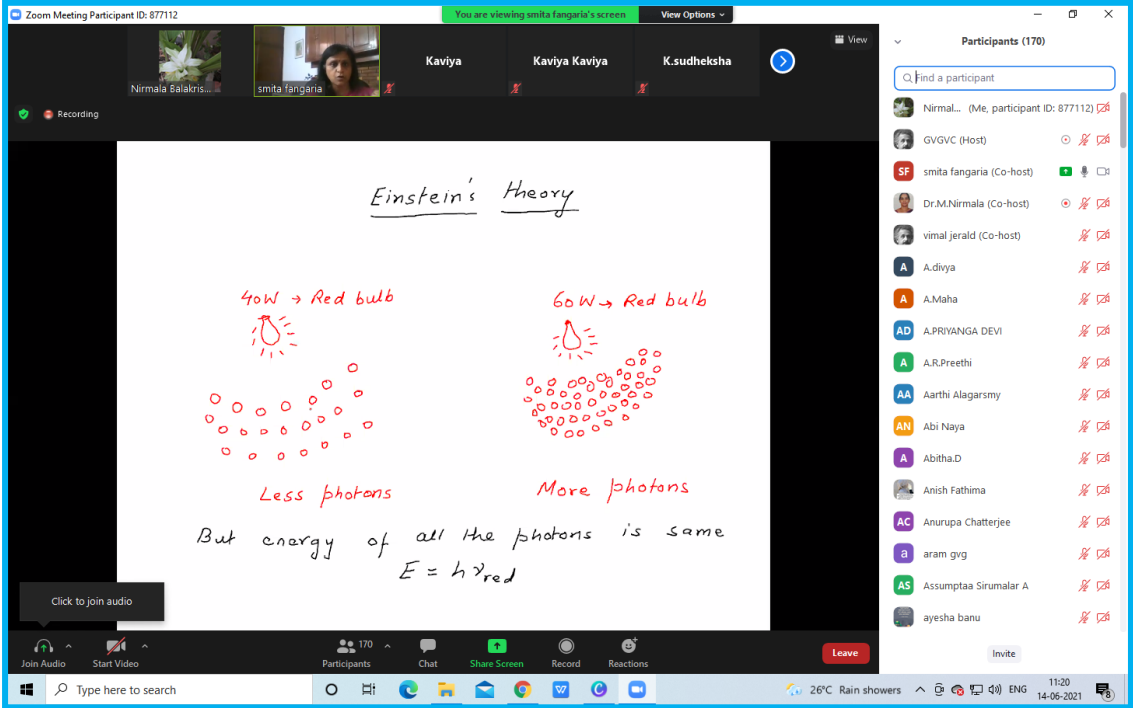
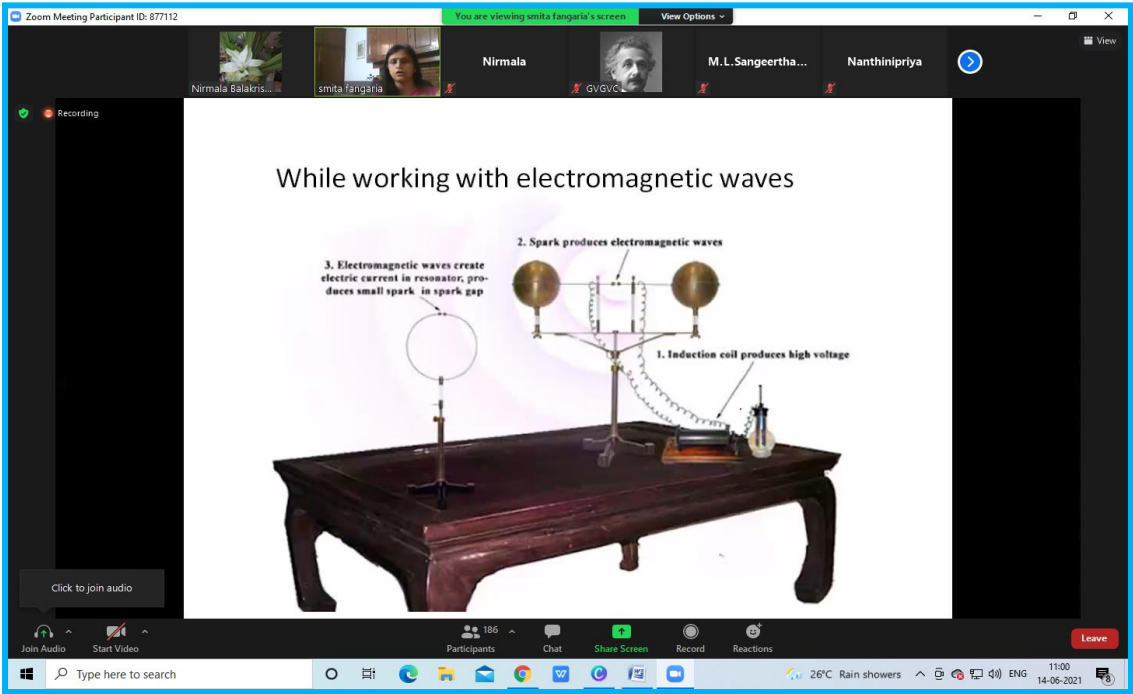
Mrs. B. NIRMALA
Head of the Department of Physics
Sri G.V.G. Visalakshi College for Women
Udumalpet, Tamilnadu - 642128

PRINCIPAL
SRI G.V.G. VISALAKSHI COLLEGE
FOR WOMEN (AUTONOMOUS)
VENKATESA MILLS POST,
UDUMALPET - 642 128

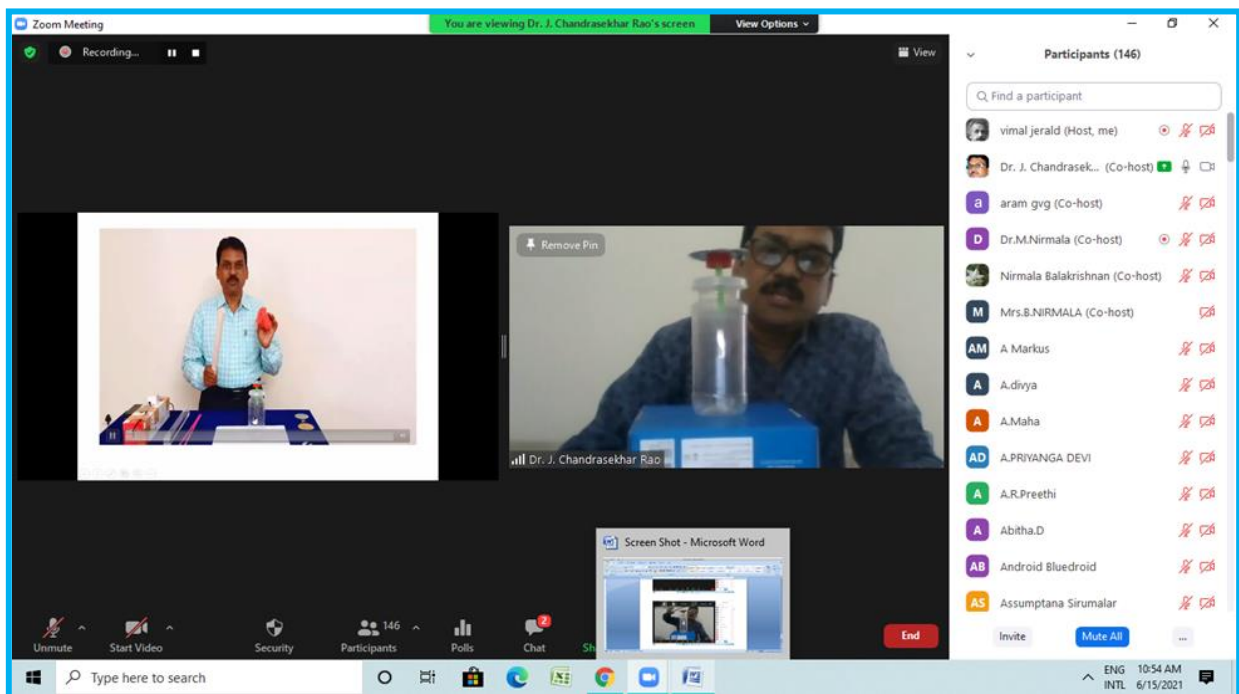


Glimpses of the Programme

14.06.2021 - Story of Photoelectric effect
Mrs. Smita Fangaria



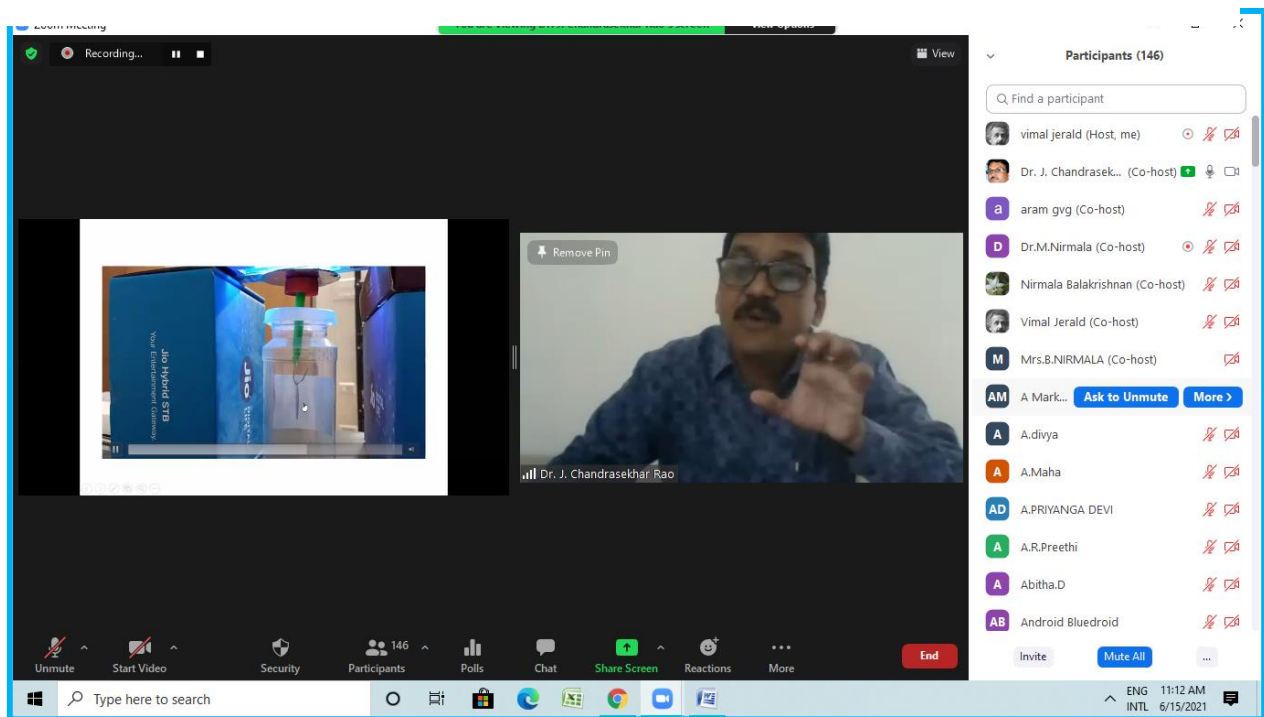
15.06.2021 - Experimental Demonstration on Photoelectric effect Dr.Joga Chandrasekhar Rao

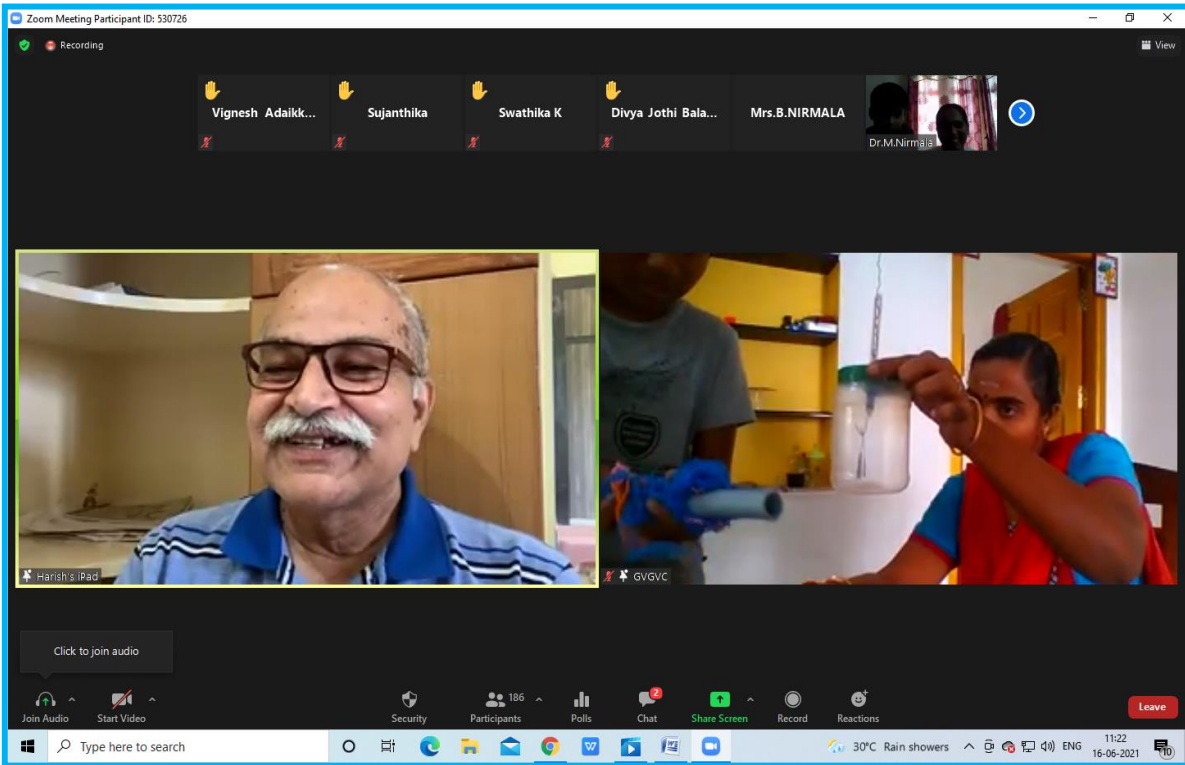
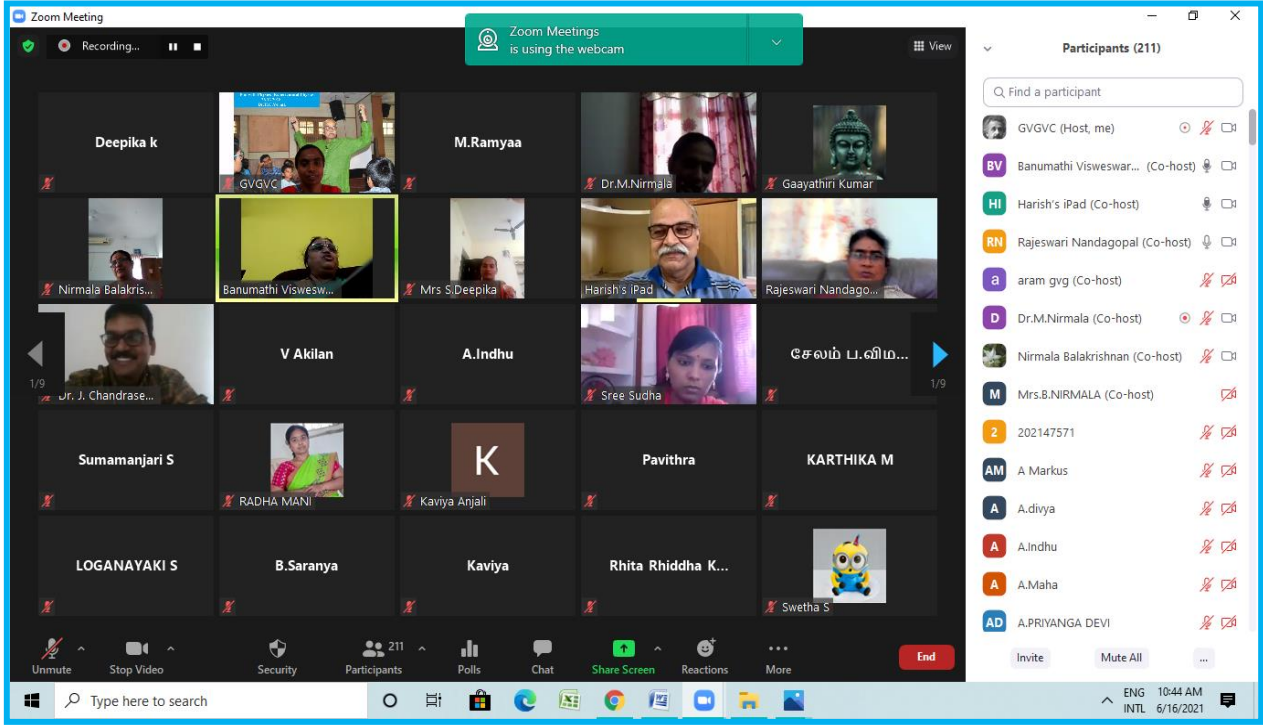




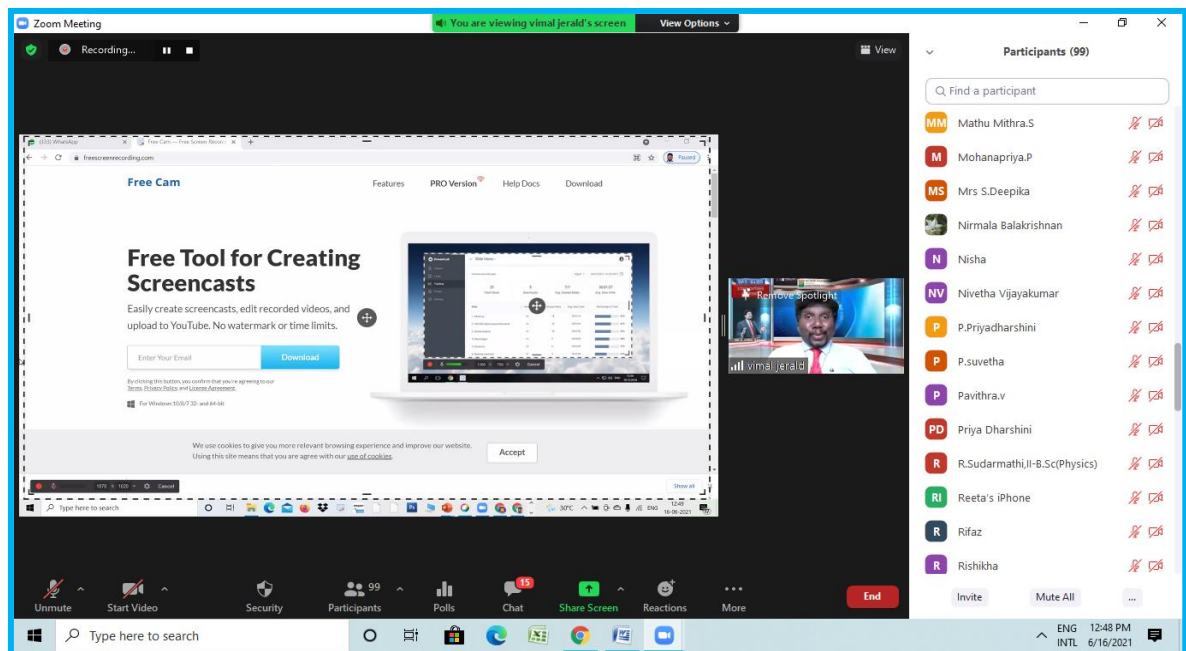
*16.06.2021 - Interaction with students
Padmashree Prof.H.C.Verma*

16.06.2021






Workshop on "e- tools for Creating & Editing videos"



Feedback Analysis

Nearly 200 participants were benefited from the programme and the feedback was collected from the participants for all the sessions. 90% of the participants were highly satisfied with the programme. 92% of the participants requested to conduct this type of demonstrations and sessions once again & they found the programme was extremely informative.

Video Creation Contest



DEPARTMENT OF PHYSICS
SRI GVG VISALAKSHI COLLEGE FOR WOMEN, UDUMALPT, TN

**"EINSTEIN'S NOBEL PRIZE CENTENARY YEAR CELEBRATIONS
"GVG ENOPCYC 2021"**

**organised in association with IAPT
under DBT Star College Scheme
14.06.2021 - 16.06.2021**



Video Creation Contest on Science Concept

INSTRUCTIONS

- VIDEOS SHOULD BE BASED ON SCIENCE CONCEPT / EINSTEIN'S EXPERIMENTS.
- PARTICIPANTS HAVE TO SUBMIT THE VIDEOS IN **GOOGLE CLASSROOM** WITHIN 5 DAYS AFTER THE COMPLETION OF THE WORKSHOP.
- THE VIDEO (WITH BACKGROUND AUDIO) SHOULD NOT EXCEED MORE THAN **4 MINUTES**.
- ORIGINAL CREATED VIDEOS ALONE WILL BE ACCEPTED.
- DEADLINE FOR THE SUBMISSION OF THE VIDEO WILL BE ON **21.06.2021 BEFORE 11.50 PM**
- APPRECIATION E- CERTIFICATES WILL BE GIVEN TO THE PARTICIPANTS AFTER THE SUBMISSION OF THEIR CREATION.
- **CASH PRIZES** WILL BE GIVEN TO THE BEST AND INNOVATIVE CREATORS , BOTH FOR SCHOOL AND COLLEGE CATEGORY SEPARATELY.

GVGVC: NOT FOR SELF; BUT FOR ALL

Acknowledgment:

The Department of Physics greatly acknowledge IAPT and DBT Star College Scheme for the support in organizing the event “GVG ENOPCYC 2021” – Einstein’s Nobel Prize Centenary Year Celebrations via virtual mode for School and College students. We express our gratitude to Padmashree Prof.H.C.Verma and his team for sharing their expertise to the young students.

“Enjoy physics from the Nature around us &

Physics is our best friend from the day of our existence”.