

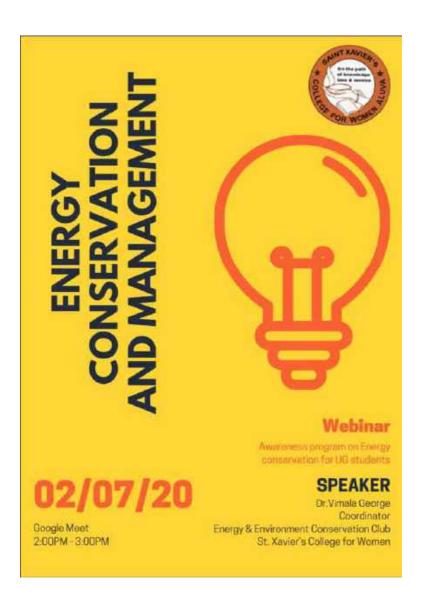
ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA

REACCREDITED BY NAAC WITH A GRADE (CGPA 3.33) ISO 9001-2015 CERTIFIED

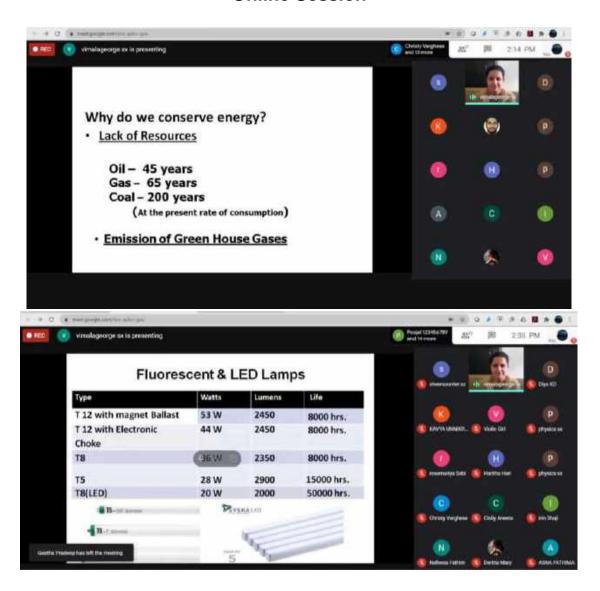
DEPARTMENT OF PHYSICS ANNUAL REPORT 2020-2021

1. WEBINAR ON ENERGY CONSERVATION AND MANAGEMENT 2/7/2020

A webinar on *ENERGY CONSERVATION AND MANAGEMENT* was conducted by the department of physics on 2/7/2020 through Google Meet. Dr. Vimala George, the head of Energy Conservation Club of St. Xavier's College for Women, Aluva, led the webinar for the students of the physics department. The students as well as the faculty of the physics department participated in the session. A total of 33 participants were present for the webinar.



Online Session



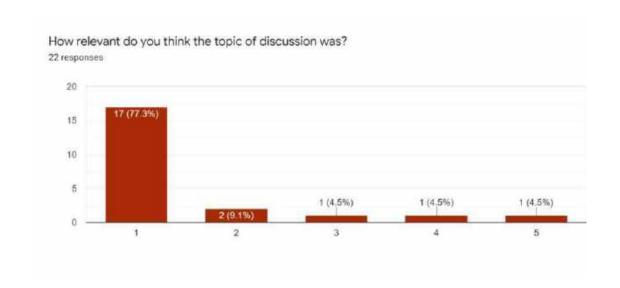
Link for the meeting recording:

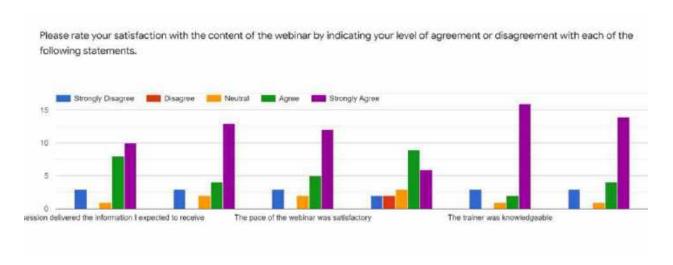
https://drive.google.com/file/d/1umEVVhKURTVyiCYAZODbjjKmeYiJaY8i/view?usp=sharing

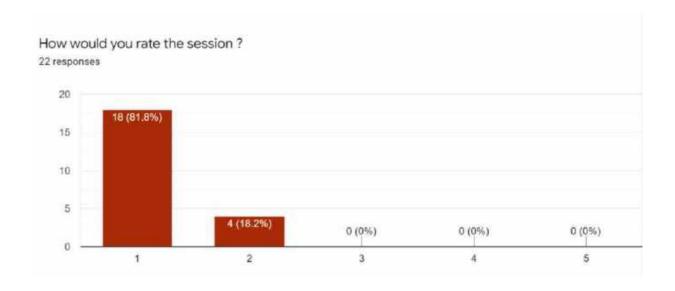
Feedback

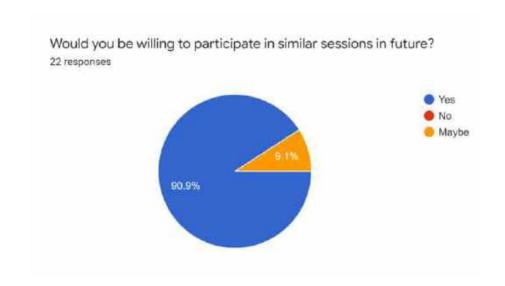




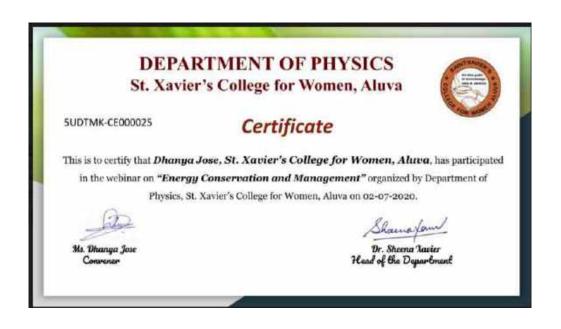








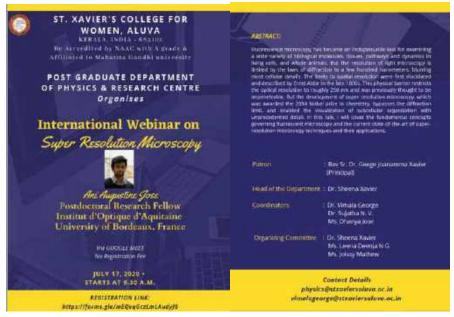
Participation Certificate Sample



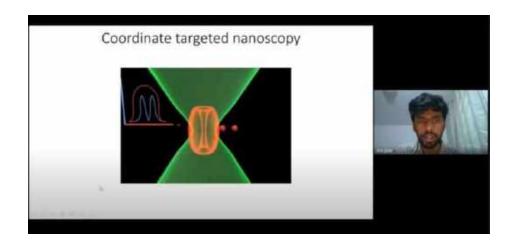
2.INTERNATIONAL WEBINAR ON SUPER RESOLUTION MICROSCOPY 17/7/2020

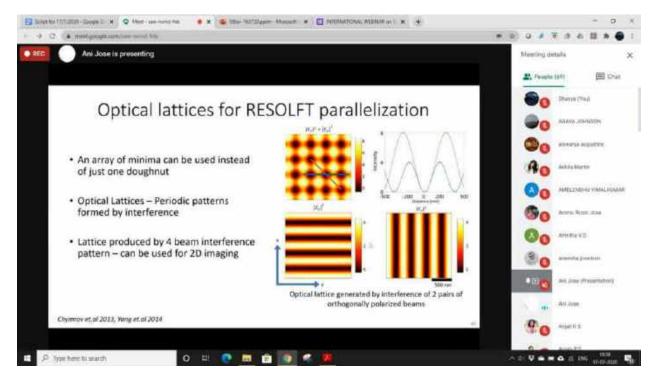
On 17/07/2020 the Department of Physics organized a one day *International Webinar on Super Resolution Microscopy* via Google meet for college students, research scholars and faculty. *Dr.Ani Augustine Jose, Postdoctoral Research Fellow at Institut d'Optique d'Aquitaine, University of Bordeaux, France* was invited as the speaker for the session planned. Rev Sr. Dr. Geege Joanamma Xavier gave the presidential address during the meeting.

A total of 73 participants were present during the live session. The session consisted of an hour long talk on the topic Super Resolution Microscopy and was followed by an interactive session with the audience. The speaker also imparted motivation to all the students present during the session by sharing his life experiences. Feedback form was shared with the participants and e-certificated where distributed. The session was conducted under the coordination of Dr. Vimala George, Dr. Sujatha N.V. and Ms. Dhanya Jose along with the committee members consisting of Dr. Sheena Xavier, Ms. Leena Deenja N G and Ms. Joissy Mathew. The previous faculty members of the department also showed great enthusiasm and support for the event.



Online session





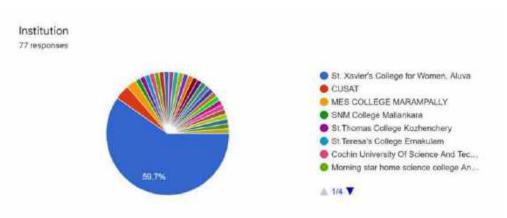
Link for the meet recording:

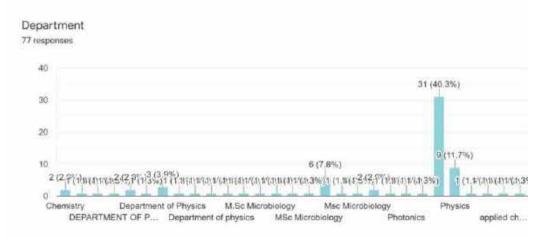
https://drive.google.com/file/d/11pO1bldAbXkwaexQRowKcV-r1Vqn4S7Y/view?usp=sharing

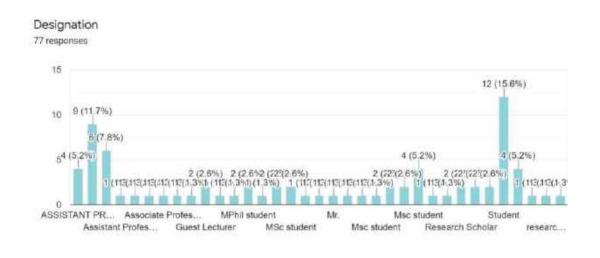
List of attendees:

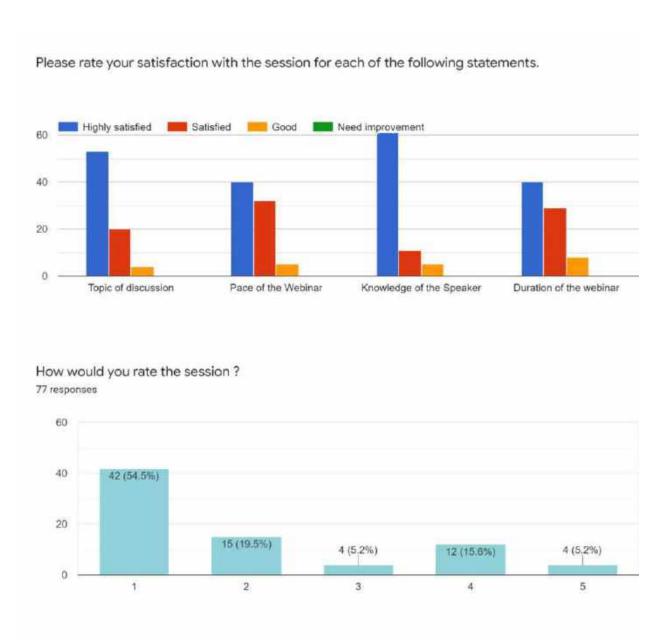
https://drive.google.com/file/d/1nZa7eGyzKlhCit2UGiZFts4wEK5bltRG/view?usp=sharing

Feedback

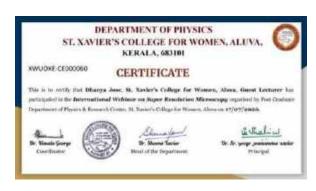








Certificate format:



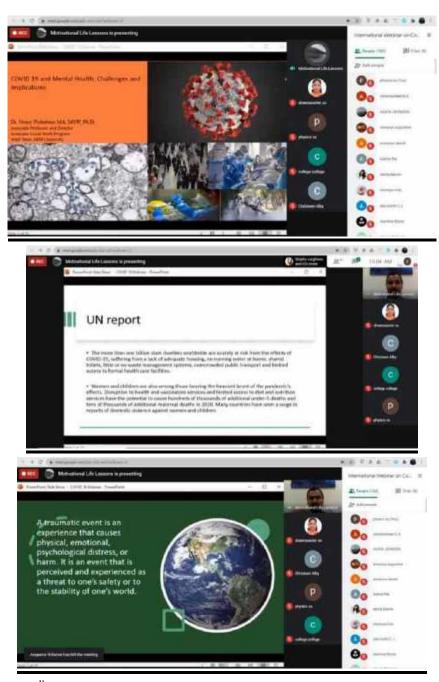
3.INTERNATIONAL WEBINAR ON COVID-19 AND MENTAL HEALTH: CHALLENGES AND IMPLICATIONS 7/08/2020

On 07/08/2020 the Department of Physics in association with the Internal Quality Assurance Cell of St.Xavier's College for Women, Aluva organized a one day *International Webinar on Covid* - 19 and Mental Health: Challenges and Implications via Google meet for college students and faculty. Dr. Henry Poduthase, Associate Professor and Director, Graduate Social Work Program, West Texas A&M University was invited as the speaker for the session. Rev Sr. Dr. Geege Joanamma Xavier gave the presidential address during the meeting.

A total of 141 participants were present during the live session. The session consisted of an hour long talk on the topic *Covid - 19 and Mental Health: Challenges and Implication* and was followed by an interactive session with the audience. The session focused on the importance of mental health, the factors affecting mental health, its symptoms, remedy etc. Feedback form was shared with the participants and e-certificated where distributed. The session was conducted under the coordination of Dr. Sujatha N.V. and Ms. Dhanya Jose along with the committee members consisting of Dr. Sheena Xavier, Ms. Leena Deenja N G ,Dr. Joissy Mathew and Dr. Vimala George. The previous faculty members of the department also showed great enthusiasm and support for the event. The meet recording along with the Presentation and feedback form was shared with all registered members. A total of 172 feedback responses were made.



Online Session



Link for the meet recording:

https://drive.google.com/file/d/1FNGTgboi2ywLedRj36DFjlucEGOq69pv/view?usp=sharing

Link for the meet attendance:

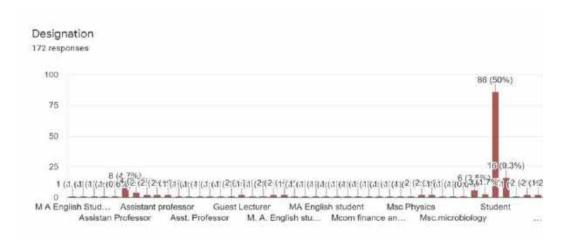
https://drive.google.com/file/d/1HVzc0aDO_qPZy67hw2j9vdscwlQ87oXE/view?usp=sharing

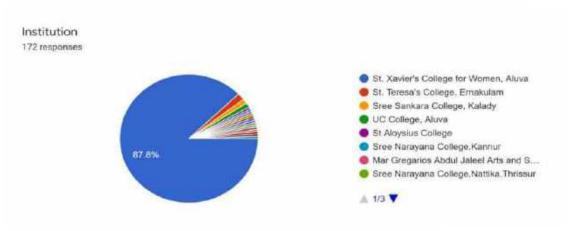
Feedback: https://docs.google.com/spreadsheets/d/1KTQU5WaMEAWw5-

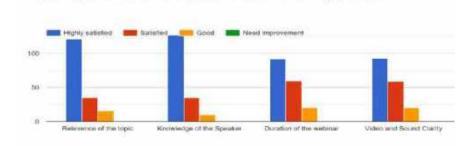
q0LzPC15B 9OPl3bDe1ubhYWfGPFw/edit?usp=sharing

YouTube link: https://youtu.be/yTOG_lae98A

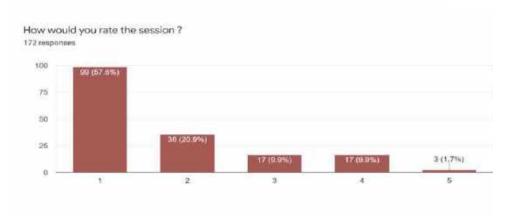
Feedback







Please rate your satisfaction with the session for each of the following statements.



Certificate format given:



4.STUDENT SUPPORT ACTIVITY BY THE DEPARTMENT OF PHYSICS - MANAGING STRESS DURING PANDEMIC 24/8/2020

An online counselling session was conducted as a part of the student support activity by the Department of Physics on 24/8/2020 VIA GOOGLE MEET for the BSc and MSc Students of the Department of Physics under the supervision of the resource person Dr. Sr. Ruby and Dr. Vimala George. A total of 69 participants were present during the live meet. The teachers of the department also actively participated showing their support and care for the students. The session successfully discussed the stress faced by students during this pandemic period and brought up ways to help students overcome / manage their stress.

STUDENT SUPPORT ACTIVITY BY DEPARTMENT OF PHYSICS MANAGING STRESS DURING PANDEMIC Date: 24th August 2020 Time: 11 - 12 PM VIA GOOGLE MEET Resource Person: Dr. Sr. Ruby Click here to register

Link for the attendance list:

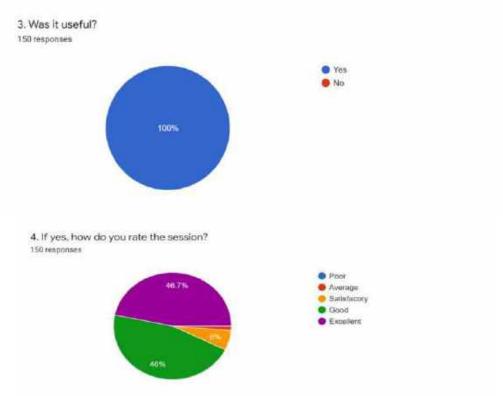
 $\underline{https://drive.google.com/file/d/1xO9UFf0i6JD4E7vvvrtimASNTN1KOyhQ/view?usp=sharin} \ \underline{g}$

Link for the feedback spreadsheet:

 $\underline{https://drive.google.com/file/d/10qrZ2tpvnO9fOgiDailotnWHpsKcP7M9/view?usp=sharing}$



Feedback



5. SHORT TERM COURSE

01/08/2020 - 15/09/2020

Event/ Activity Name : Short term course

Organising Department/Club : Department of Physics & Energy Conservation

Club

Program Type : Short term course

Event Theme : Innovative Learning, Entrepreneurship

(Innovative Learning, Entrepreneurship, IPR)

Coordinators

Faculty Coordinator : Dr. Vimala George Student Coordinator : Angel Marya Francis Date & Time : 01/08/2020 - 15/09/2020

Duration : 15 videos of 5-15 duration and a quiz

Total Number of Participants Attended: 134

Faculty : 7
Students : 127
External : NA
Funding Source : NA
Expenditure Amount : NA

Detailed Description About the Event : Energy Swaraj Foundation(ESF) is a Mumbai based non-profitable organization. Energy Literacy Drive is an online course conducted by ESF on "Learn to Design Solar Systems". St. Xavier's College for Women, Aluva is a partner institution for this programme. The logo of the partner institutions can be viewed in the link https://energyswaraj.org/participating_organization_lss.ph. We had 134 registrations out of which 89 members cleare the online quiz and certified.

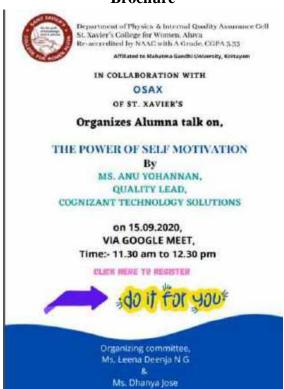
6. ALUMNA TALK- The Power of Self Motivation 15/9/2020

On 15/9/2020 the Post Graduate Department of Physics in association with OSAX, of St. Xavier's College for Women, Aluva. The session is an annual event, where the Alumna of the Physics department come back to share their experience and give motivation for the students. The event provides the students a first hand view of what is awaiting them after their life as a student. The session also motivates the students to strive harder for a bright future.

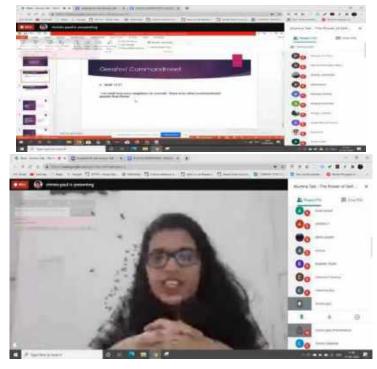
This was the first Alumna session held VIA Google Meet. The Alumna of the day was Mrs. Anu Yohannan, now working as Quality Lead, Cognizant Technology Solutions, Athulya Infopark, Kakkanad. After completing her B.Sc. Physics at St. Xavier's College for Women, she did her MBA. During the session she shared her experiences and hardships she faced under the topic "The Power of Self Motivation". At the end of the session students were able to acknowledge that Self-Motivation is a very powerful means to help yourself overcome one's hardships and attain their dreams. A total

of 74 participants were present during the live session. A feedback form & participation certificate was provided for the participants.

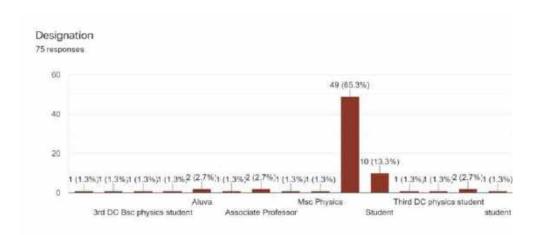
Brochure

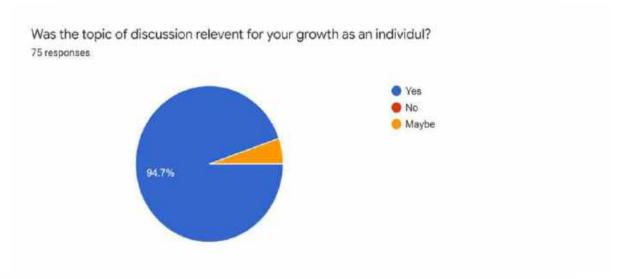


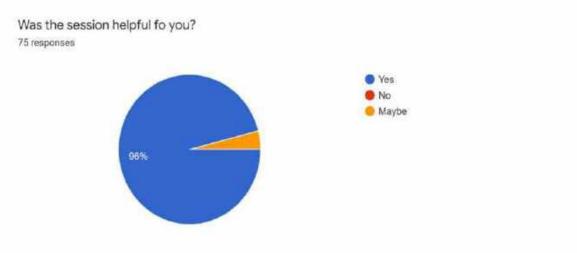
Online session



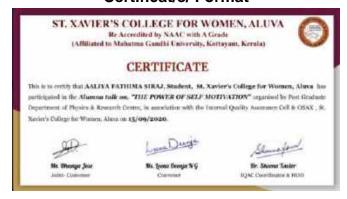
Feedback







Certificat/e/ Format



Link for meet recording:

https://drive.google.com/file/d/1ws79yjGHqLdBcONUazWy5ePI3vL6GD6h/view?usp=sharing Link for attendance:

https://drive.google.com/file/d/1ws79yjGHqLdBcONUazWy5ePI3vL6GD6h/view?usp=sharing

7. WEBINAR ON HUMAN RIGHTS 19/09/2020

A webinar on Human Rights was conducted for the Third Year Degree students on 19/09/2020 Via Google Meet. About 53 participants consisting of both students and faculty were present during the live meet. Mrs. Minimole. K led the talk by discussing the various factors and laws on Human Rights. The class was extremely informative and helpful for the students both academically and their real life experiences.



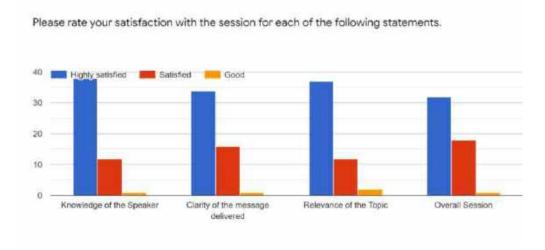
Live meet Photo

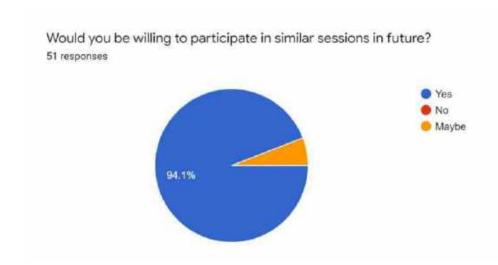


Certificate format used



Feedback





Link for meet Recording:

<u>recording:https://drive.google.com/file/d/1NV0uuyTL-geoXLjJ7YTZrVWLU9lwik6Z/view?usp=sharing</u>

Link for registration:

https://docs.google.com/spreadsheets/d/109CsXSKUfJJeSrlNz2bIOJXQ60SGXBeoWv3W I9vSIF8/edit?usp=sharing

Link for feedback:

 $\frac{https://docs.google.com/spreadsheets/d/193mn75uTeZMDCTHjCJayPTOGttBCamSkCSpe08hTnp8/edit?usp=sharing}{}$

8. ROLE OF YOUTH IN ATTAINING ATMANIRBHAR BHARATH IN ENERGY 2/10/2021

Event/ Activity Name : Role of Youth in attaining Atmanirbhar Bharath

in Energy

Organising Department/Club : Department of Physics and Energy Conservation

Club

Program Type : Training and awareness program

(Workshop, Leadership talk,

Motivational, Field Visit, Others Specify)

Event Theme : Innovative Learning & Entrepreneurship

(Innovative Learning, Entrepreneurship, IPR)

Coordinators

Faculty Coordinator : Dr. Vimala George

Student Coordinator : Ms. Anagha Satheesh

Date & Time : 2-10-2020, 10am to 1pm

Duration : 3 hours

Total Number of Participants Attended: 27

Faculty : 6

Students : 21

External : NA

Funding Source : NA

Expenditure Amount :NA

Detailed Description About the Event: The Energy Swaraj Foundation believes that not through the governments around the world or its policies, but through the involvement of the public, a major transformation in energy generation and consumption towards renewable energy can be achieved. The Foundation is igniting the Energy Swaraj Movement wherein through awareness, people themselves undertake the required action for climate change mitigation. The Movement sets to bring a philosophical understanding and practical acceptance in society, at large, for the adoption of the solar solutions in a disciplined manner for fulfilling 100% energy needs.

In this connection, Department of Physics, St. Xavier's College for Women, Aluva joined hands with Energy Swaraj Foundation and encouraged staff and students to attend a three hour webinar on 'Role of Youth in attaining Atmanirbhar Bharath in Energy'. 27 staff and students attended the same and got certificates.



9. PEP UP YOUR CONFIDENCE 28/10/2021

Event/ Activity Name : Pep Up Your Confidence

Organising Department/Club : Department of Physics

Program Type : Orientation

(Workshop, Leadership talk,

Motivational, Field Visit, Others Specify)

Event Theme : Innovative Learning

(Innovative Learning, Entrepreneurship, IPR)

Coordinators

Faculty Coordinator : Dr. Sujatha N V

Student Coordinator : Ms. Amruthalakshmi Poudhar

Date & Time : 28-10-2020

Duration : 1 hour

Total Number of Participants Attended: 35

Faculty : 2

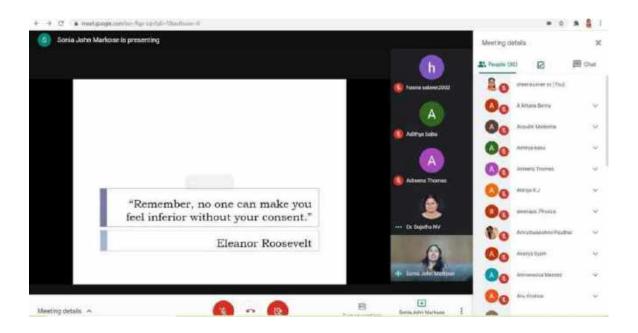
Students : 33

External :NA

Funding Source : NA

Expenditure Amount :NA

Detailed Description About the Event: An orientation program was organized for the first year Undergraduate Physics students on the topic Pep Up Your Confidence. Mrs. Sonia John Markose, Assistant Professor of Communicative English was the resource person for the program.



10. STATE LEVEL QUIZ COMPETITION - 30/10/2020

A State Level Quiz competition was held by the Department of Physics via Google forms with the help of an Add-on called "Timer + Proctor". Students from various colleges and streams from different colleges in Kerala participated in the competition. The prize money was given to the winner via net banking. The third place was shared by two participants and hence the prize money was equally shared between them.

The following table contains the result of the competition:

Name	Institute	Position
SANJU JOSE	RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY	First Place
Noopura M	St.Xaviers College,Aluva	Second Place
Fathima Nazrin	St xaviers College for women Aluva	Third Place (shared)
Don mathew	Cms college	

Brochure



Link for the score sheet:

https://docs.google.com/spreadsheets/d/18hN1AgI87YlvSO_FMMFDyBozXACvppmeQq0hUzBUNxE/edit?usp=sharing

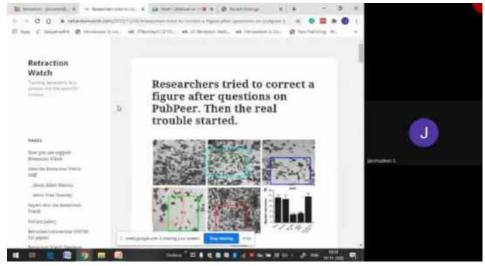
Link for the registration:

https://docs.google.com/spreadsheets/d/1riktL6tT-kuamTqS5xAPuU6b5KvChh4xY8J4sqHG0hl/edit?usp=sharing



11.WEBINAR ON RESEARCH ETHICS AND INTEGRITY - 10/11/2021

The Internal Quality Assurance Cell has organized a webinar on Research Ethics and Integrity in association with the Research Promotion Council and Department of Physics. Dr. Jasimudeen, Librarian, St. Stephen's College, Vazhoor was the resource person. The webinar was conducted for faculty and research scholars and a total of 36 participants were present during the live meet (24 faculty members & 12 Research Scholars). Dr. Vimala George & Dr. Anu Anto were the faculty coordinators for the same.



Falsification/Fabrication

 An analysis of image manipulation at the Journal of Cell Biology found 1% of images had been inappropriately altered.



I neclassical straig or see. See being to

YouTube link: https://youtu.be/YaTCVTn5ZbI

Registration Sheet:

https://drive.google.com/file/d/1d9VDLuQZreFXUl9wW0cQpvR0jB4fNnRv/view?usp=sharing

Feedback and attendance sheet: https://docs.google.com/spreadsheets/d/10I0k5-i6BmHINbHkOJG19Wn8VkT_Bu4cxgTWnycg90k/edit?usp=sharing

12. VIRTUAL ALUMNI MEET - 28/11/2020

On 28/11/2020 a virtual Alumni Meeting was held via Google Meet for all the alumni and retired faculty members of the Department of Physics out of a total of 128 registered participants almost 79 were able to join the meet live through Google Meet and the rest joined through the YouTube Live streaming. The meeting provided a platform for all the alumni, retired staff and current staff to come together and share their experiences and give their life updates. A very detailed presentation was shown enticing the old memories and nostalgia. All the participants showed extreme happiness and gratitude for organizing the event, where alumni and faculty from various parts of the world could join real time. The meet ended with a promise to meet offline in the near future where the world is safe from the dangers of the Covid-19.

Coordinators : Ms. Leena Deenja

Dr. Joissy Mathew

Live Meet Photo







13.DESIGN THINKING, CRITICAL THINKING AND INNOVATION DESIGN- 29/12/2020

In association with IEDC and IIC of the St. Xavier's College for Women, Aluva, the Post Graduate Department of Physics & Research Centre organized a workshop on "Design Thinking, Critical Thinking and Innovation Design "on 29/12/2020 via Google Meet at 2:30 PM.

Resource person: Dr. Sheena Xavier (Associate Professor & HOD Physics Department, Innovation

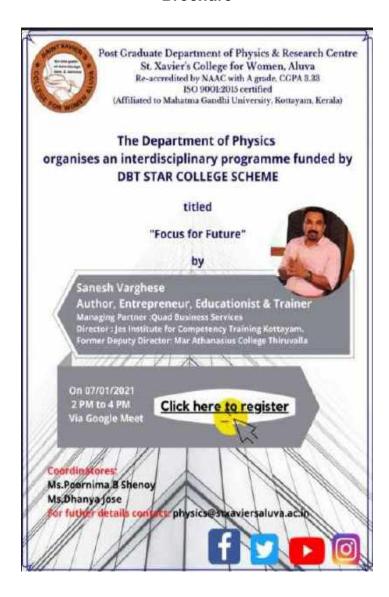
Ambassador of IIC.

Funding Agency: IIC & IEDC



14. FOCUS FOR FUTURE - 07/01/2021

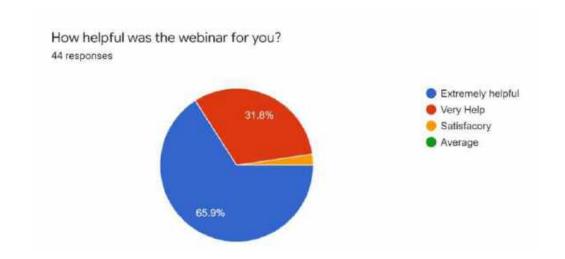
On 07/01/2021 an Interdisciplinary programme funded by the DBT STAR COLLEGE SCHEME was organized by the department of Physics via Google Meet. The talk was led by Mr. Sanesh Varghese, Author, Entrepreneur, Educationist & Trainer. First year degree students from various departments of the college actively participated in the event. The talk helped the students to have a better understanding on how to train themselves to have a better and brighter future.

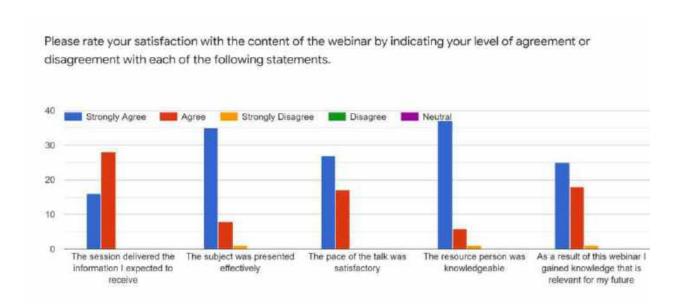






Feedback





Link for Meet Recording:

https://drive.google.com/file/d/1WnN1JBQxQszNUBktzJrfyPSldQfOC6tj/view?usp=sharing

Link for registration:

https://docs.google.com/spreadsheets/d/1x1fSgWNpF8weGw4NUwMk0AQVCuMr2XkkdwpNFb4OLbo/edit?usp=sharing

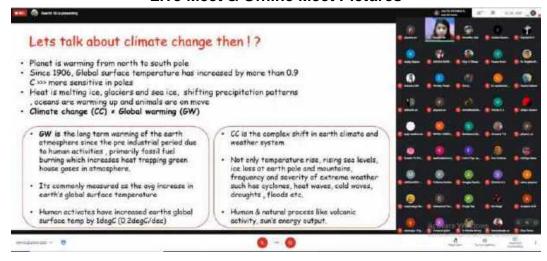
Link for Feedback: https://docs.google.com/spreadsheets/d/1nUfKKq6UmTGpQk-6bsg7xMms7lGl42WLn0q3A9qY1To/edit?usp=sharing

15.ACADEMIA 2021 - ORACLE - 14/01/2021

On 14/01/2021 an Interdisciplinary programme ORACLE funded by the DBT STAR COLLEGE SCHEME was organized by the department of Physics via Google Meet, as a part of ACADEMIA 20-21. The webinar titled "Impact of extreme hot climate on COVID-19 outbreak in India, by Ms. Keerthi Sasikumar, Doctoral Researcher, Institute of Atmospheric Physics, Chinese Academy of Science helped the students to learn and study about the relation between the climate and COVID-19 case numbers. The talk acted as an introduction to a rather new field for the students called Atmospheric Science. All the students & faculty from the department of Physics enthusiastically participated in the event. The talk helped the students to see the world from a perspective of an enthusiastic and passionate researcher. The speaker's enthusiasm spread to the students and motivated many to think of a future in the field of Atmospheric Physics. A total of 109 participated through Google Meet and Offline while following proper COVID-19 regulations.



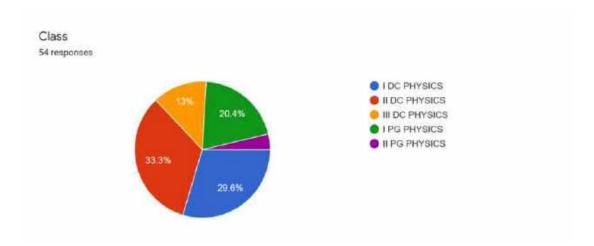
Live Meet & Offline Meet Pictures

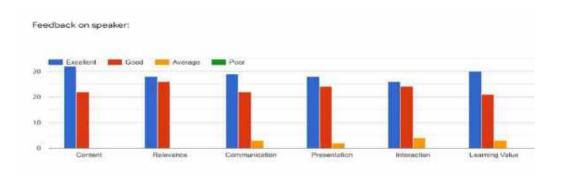


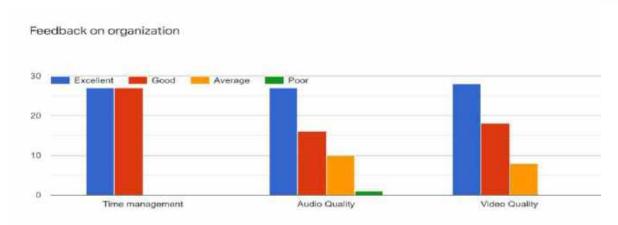




Feedback







Link for the Registration Sheet: https://docs.google.com/spreadsheets/d/1Qb1ei22hWTtfR-TI7T8zVQdUb02ujnilaFmJqpwHowY/edit?usp=sharing

Link for the Feedback sheet:

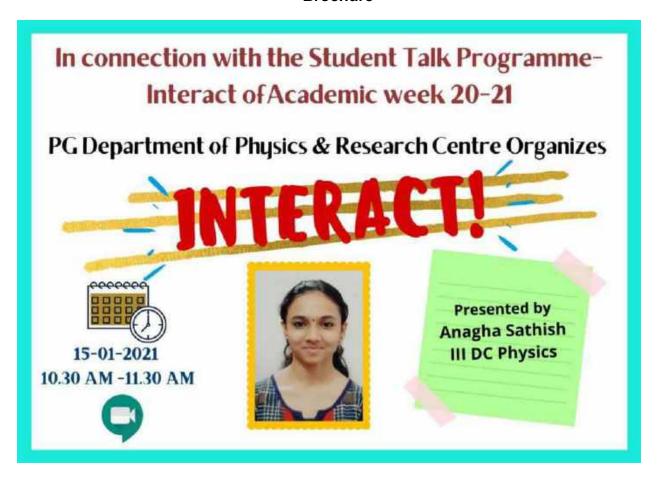
https://docs.google.com/spreadsheets/d/1ncSOaKk8A9ONXsHCT8uDadVOvAzknPAj3fR7mZM2TT4/edit?usp=sharing

Link for the Meet recording:

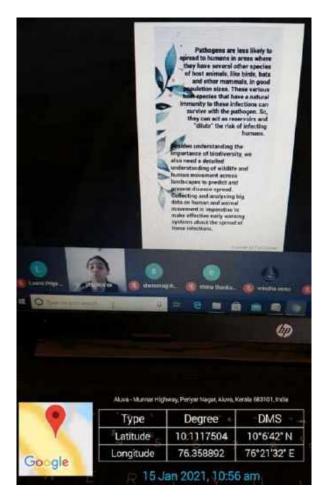
https://drive.google.com/file/d/1nuyUB_OOMEzubTlBZpZ6VXI46PadxzWG/view?usp=sharing

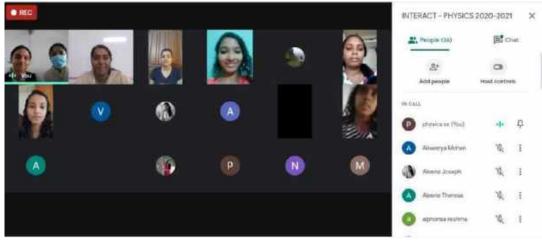
16.ACADEMIA- INTERACT - 15/01/2021

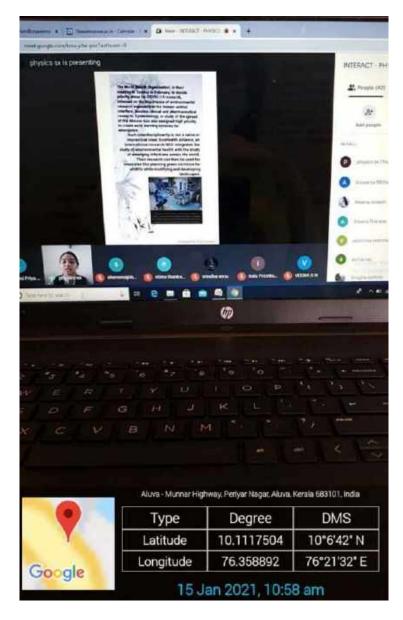
In connection with the Student Talk Programme-Interact of Academic week 20-21 The Post Graduate Department of Physics & Research centre held INTERACT! on 15/01/2021 via Google Meet. The talk was done by Anagha Sathish, Third Year B.Sc. Physics student, on the topic "COVID -19 FROM AN ECOLOGICAL PERSPECTIVE" for the second year B.Com students.



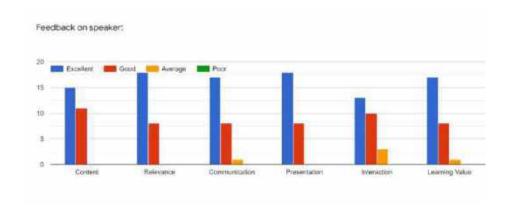
Meet Pictures

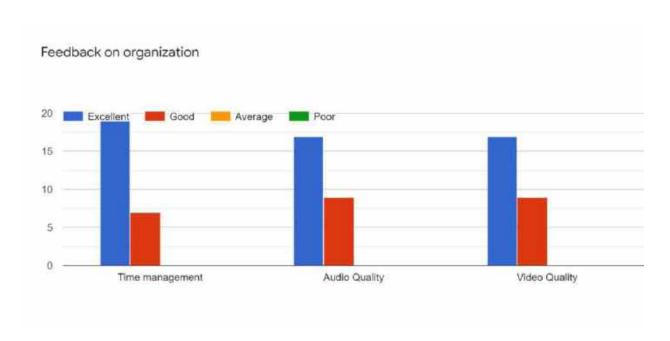






Feedback





Link for feedback:

https://docs.google.com/spreadsheets/d/1gPeHa2-Df3q0cmqCcwDwLKsFW9pyWgDZjRsTDd7qd_M/edit?usp=sharing

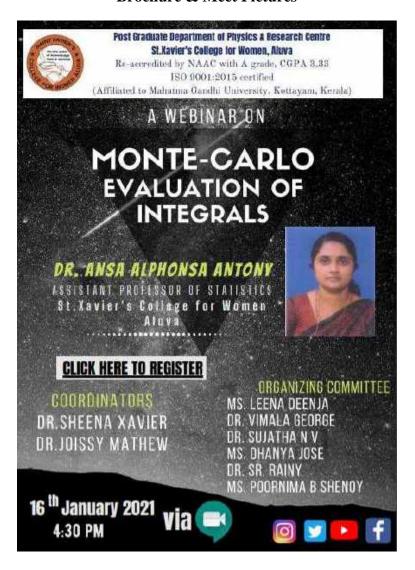
Link for Meet recording:

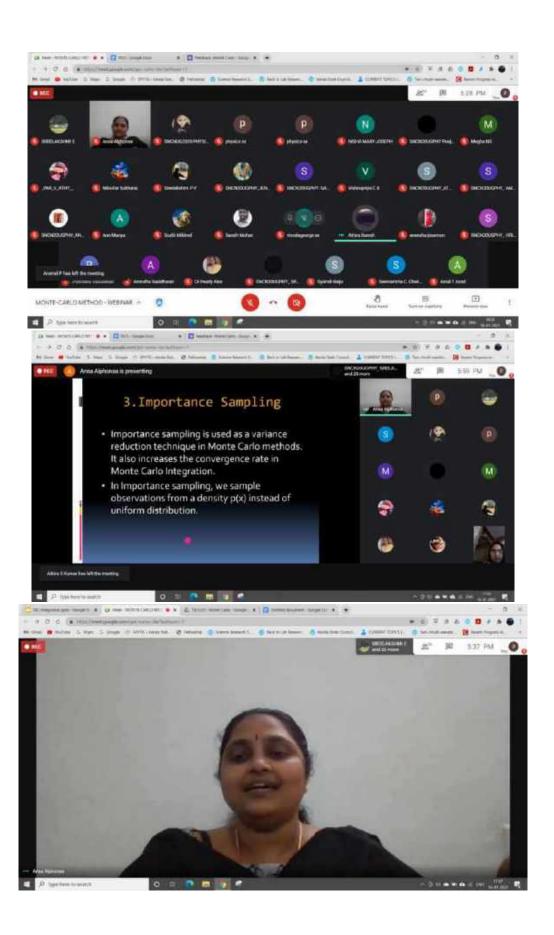
https://drive.google.com/file/d/1fbXAlaPzkJo2ouWzhKCz6irTrnTMrGBU/view?usp=sharing

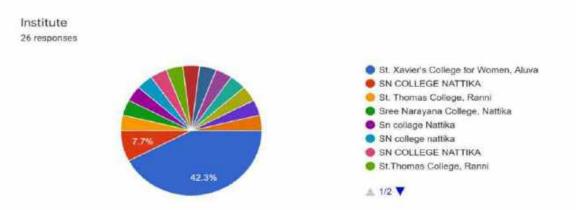
17. MONTE CARLO INTEGRATION METHODS 16/1/21

On 16-01-2021 Webinar on Monte Carlo Integration was organized via Google Meet for the Postgraduate Physics students and faculty from various institutes, by the Postgraduate Department of Physics,St. Xavier's College for Women, Aluva. Dr. Ansa Alphonsa Antony, Assistant Professor of Statistics, St. Xavier's College for Women, Aluva was the talk person. 41 active listeners were present during the session. Feedback was collected after the program.

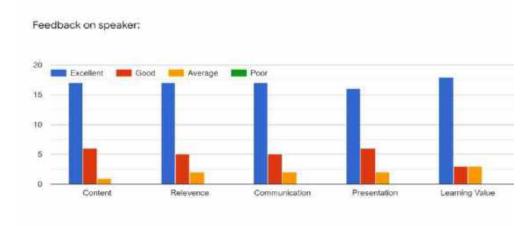
Brochure & Meet Pictures

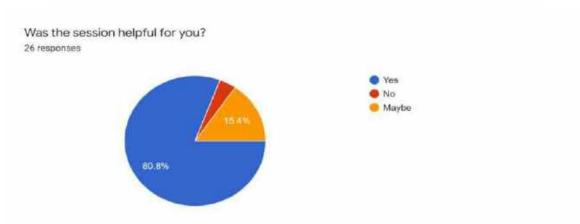






Feedback





Meet Recording:

https://drive.google.com/file/d/13W77zYK5_A-1yEimeJbg-KCTt1rNEc9E/view?usp=sharing Feedback Link:

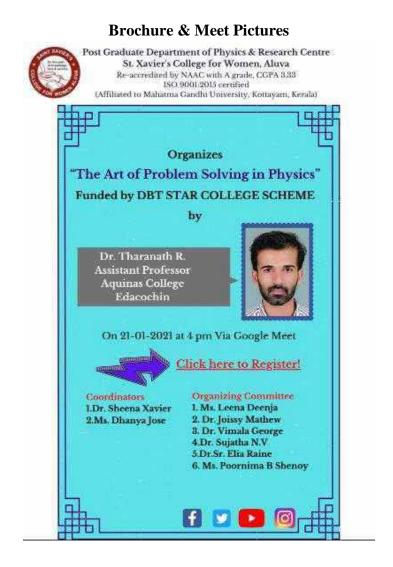
 $\frac{https://docs.google.com/spreadsheets/d/1PiIVSOJ2_XIT0mgNGYHDO13CLMVPlZ84j1hxh9}{Crj68/edit?usp=sharing}$

Meet Attendance:

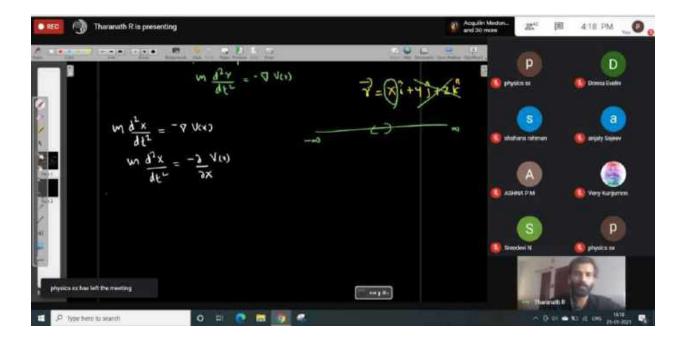
https://drive.google.com/file/d/1x5L07uMp27jg1sP1PtWXrsCIc7fYW-EG/view?usp=sharing

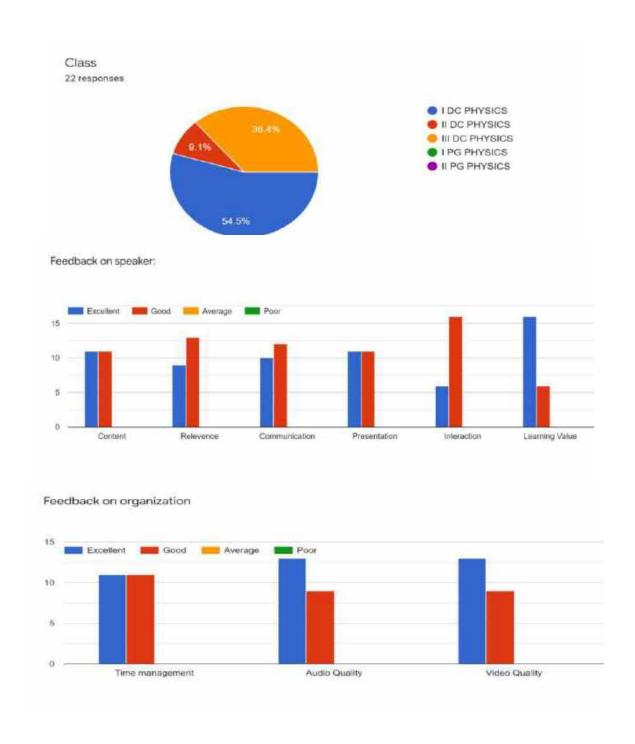
18. THE ART OF PROBLEM SOLVING IN PHYSICS 21/01/2021

On 21-01-2021 a webinar on "The Art of Problem Solving in Physics" was conducted for the Undergraduate Physics Students via Google Meet which was organized by the Postgraduate Department of Physics and Research Centre, St. Xaviers College for Women, Aluva. 24 active participants were present in the session. A feedback was collected from the participants after the session.









Meet Recording:

https://drive.google.com/file/d/1ri9HfAM6u-I-hYHs5hqxGHIIMXaWB1II/view?usp=sharing

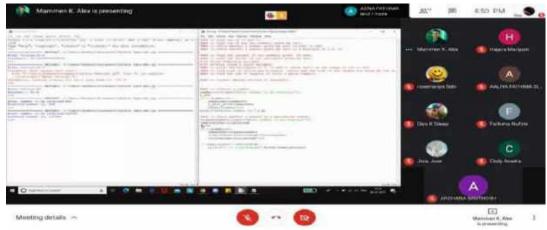
Feedback Link:

 $\frac{https://docs.google.com/spreadsheets/d/1cQWCPzhUWa7GtHxPP9Ui4jT-Mdg-JDm9Jj_u52dRVyY/edit?usp=sharing$

9. TRAINING PROGRAMME ON ROBOTICS AND PYTHON 1-2-2021 TO 6-2-2021

A training programme on Robotics and Python Programming Language was organized for the Second year BSc Physics students under the DBT STAR College Scheme from 1-2-2021 to 6-2-2021. 27 students from the second year B.Sc. Physics batch participated in the sessions. Classes were conducted in both online and offline modes.

Session Pictures





20. FIZIKA 2021 26-02-2021 & 27-02-2021

As part of National Science Day Celebrations, the Postgraduate Department of Physics & Research Centre organized the annual Physics fest FIZIKA on 26th February 2021 and 27th February 2021. The events were funded by Academy of Physics Teachers (APT) and DBT. Various programs such as webinar on the topic "Light Matter Interaction: A Quantum Revelation" presented by Dr. Pius Augustine, Assistant Professor, Department of Physics, SH College, Thevara, for college students via Google Meet, school linkage program for the 7th standard students of SNDP Higher Secondary School, quiz competition for college students and innovative idea presentation competition were conducted. A total of 25 students participated in the Intercollegiate quiz competition held via Quizizz and 76 active listeners were present during the Webinar.

FIZIKA 2021 INTERCOLLEGIATE QUIZ COMPETITION VIA QUIZIZZ		
RESULTS		
Winners	Institute	Position
ANEESH. KM	Govt college chittur	1
IRIN SHAJI	St. Xavier's College for Women, Aluva	2
KISHOR KUMAR K	Govt college chittur	3

Brochures and Program Pictures





We seed a spirit of victory, a spirit that will every us to our rightful place under the sun, a spirit which can recognize that see, as otheritors of a proof configuration, are entitled to are rightful place so this place. If that indeedable spirit were to arise, nothing can hold as from authorities our place of the configuration of the configuration of the configuration of the configuration.

Respected Sir/Madam.

The Postgraduate Department of Physics & Research Centre. St. Xavier's College for Women, Aluva is organizing "FIZIKA 2021" as port of National Science Day Celebrations.

With great pleasure we condially invite the participation of students from your institution for



Head of the Department Dr. Sheeso Xavier

FIZIKA 2021 Programme Schedule On 26 February 2021

- School (integraphenese) VI (in-12)
 High Control of the Control of the Programs (in-12)

Organizing Committee

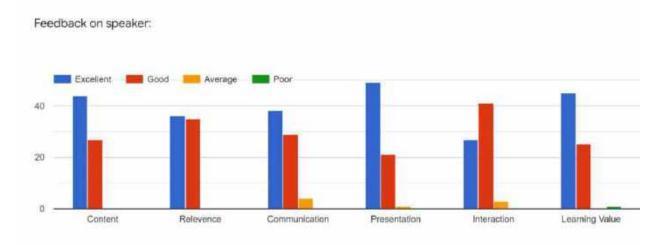
Dr. Sheena Admir (MCO)
Mr. Lewis Develo N.O.
Dr. Jossy Mothew
Dr. Vincul Glowings
Dr. Squistis N.Y. Cold Clab Coordinator)
Str. Dhurya Non (Association Secretary & Carl Clab Coordinator)
Or. St. Elit Rizbe
Mr. Fuornima E. Shenoy

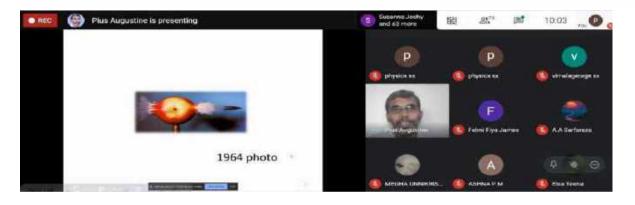


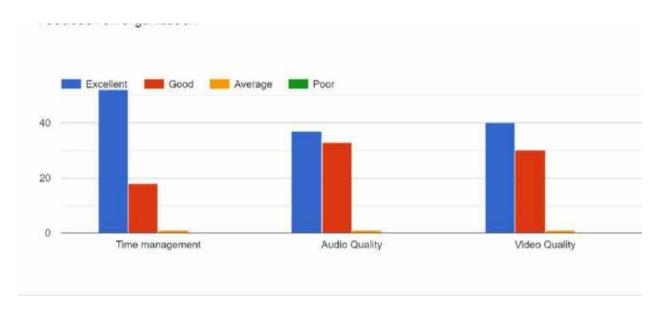




Feedback for Webinar







Webinar Meet Recording: https://drive.google.com/file/d/1EzF2clPAzcP-b9HUoE1zpDxM2Xae_gR5/view?usp=sharing

Webinar Feedback Link:

 $\frac{https://docs.google.com/spreadsheets/d/1gzNNTGFllumYzlZ_SC9b8cxGYMZQ1nDN4HG2lv}{dMLpo/edit?usp=sharing}$

Quiz Participant list & Results:

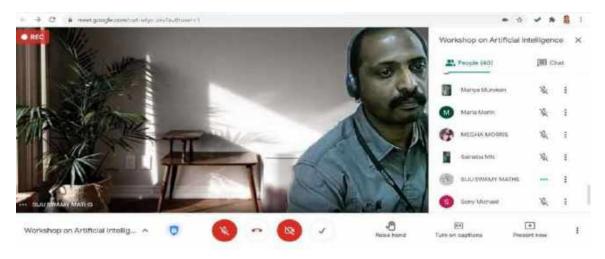
https://docs.google.com/spreadsheets/d/1FA9bIEVFz_ohRf4a2-kVs0OLVOf4sY0ptBo5Ar4UYEE/edit?usp=sharing

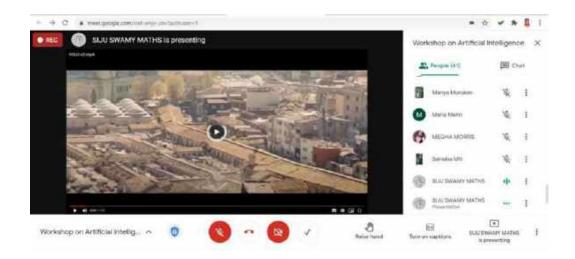
21. WORKSHOP ON ARTIFICIAL INTELLIGENCE 17-3-2021

A Workshop on Artificial Intelligence was organized by the Post Graduate Department of Physics and Research Centre, on 17-3-2021 via Google Meet, in association with IEDC of St. Xavier's College for Women. Mr. Siju KS, Associate Professor, SAINTGITS College of Engineering Kottayam was the Resource person for the program. There were participants during the live meet and many more viewed the session through YouTube. A total of 66 participant feedback was collected.

Brochure and Session Pictures

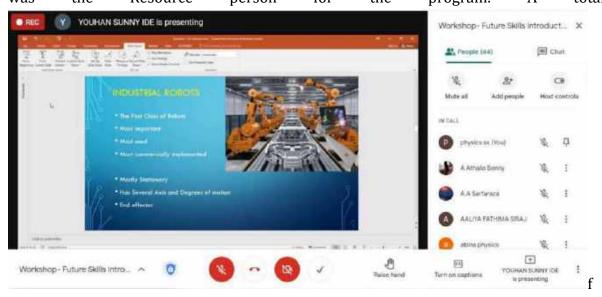






22. WORKSHOP ON FUTURE SKILLS- INTRODUCTION TO ROBOTICS ON 19-3-2021

A workshop on Future Skills-Introduction to Robotics was organized by the Department of Physics in association with the Innovation and Entrepreneurship Development Centre on 19-03-2021. Dr. Youhan Sunny, Assistant Professor, SAINTGITS College of Engineering, Kottayam was the Resource person for the program. A total o



participants were present for the meet.

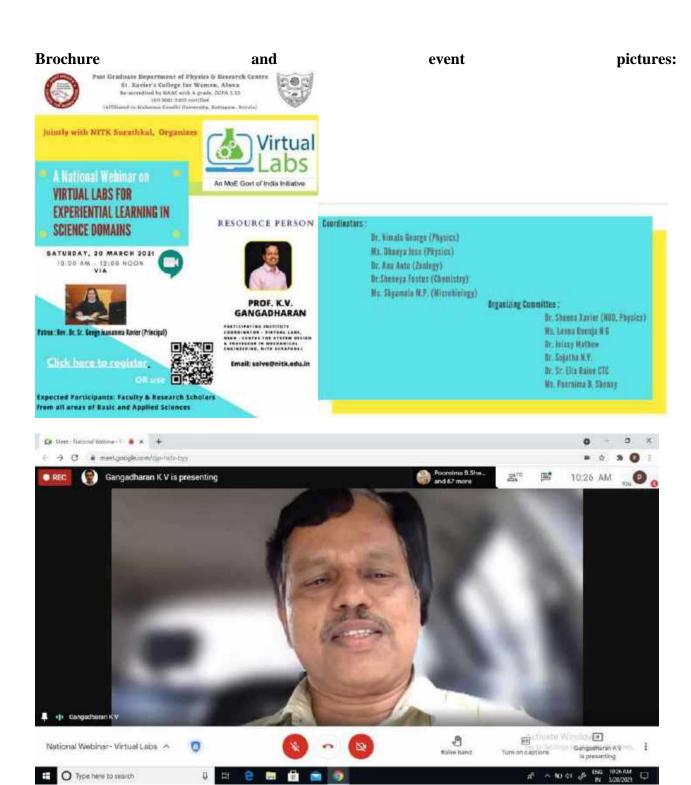
64

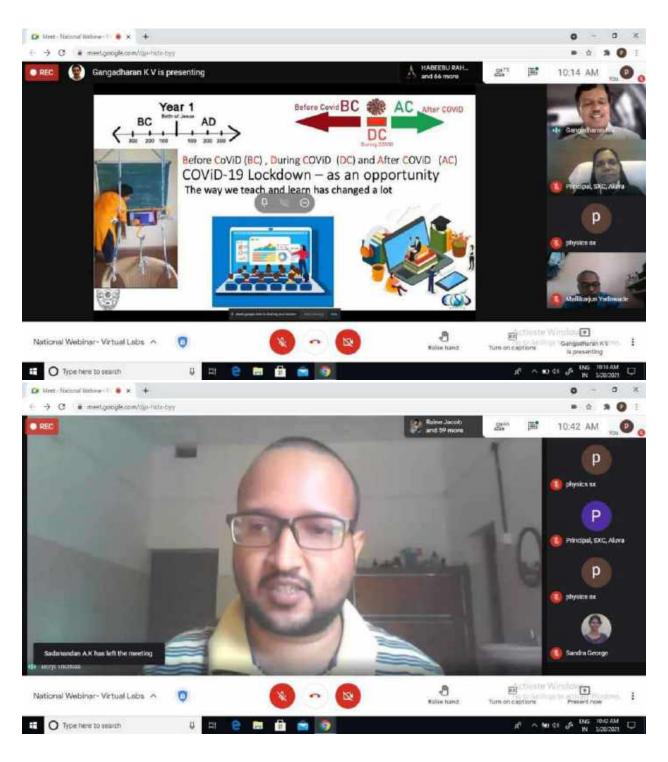


Feedback & attendance link: https://docs.google.com/spreadsheets/d/1ZIP_g-GsSShyYKM3BKNfpK2KLXex6JRCy_WjDCEZ23k/edit?usp=sharing

23.NATIONAL WEBINAR ON VIRTUAL LABS IN EXPERIENTIAL LEARNING IN SCIENCE DOMAINS 20/03/2021

In association with National Institute of Technology Karnataka, Surathkal for Teachers and Research Scholars on 20-03-2021 the Post Graduate Department of Physics & Research Centre organized a National Webinar on Virtual Labs in Experiential Learning in Science Domains Via Google Meet for Faculty and Research Scholars. There were 58 listeners for the live meet and the YouTube link of the meet recording was also shared to all the registered participants for which git 347 views as of 27/04/2021.





Feedback & Attendance link: https://docs.google.com/spreadsheets/d/1XijN6jM93-
PJv7VuvR3ER5SAWptTHX5RGhrUCm-gHvY/edit?usp=sharing