

PG DEPARTMENT OF PHYSICS
REPORT OF ACADEMIC YEAR 2021-2022

The annual report 2021-22 encapsulates the activities of the Post Graduate Department of Physics , Ansar Women’s College Perumpilavu . The targets achieved under various activities /programmes implemented by the department during this academic year and the various achievements entitled on the same have been depicted in details.

UG and PG Admission

Programme	No of Seats Including Marginal Increase	No of students admitted
BSc	36	9
MSc	20	20

RESULT ANALYSIS

Programme	No. of students appeared	No.of students passed	Pass Percentage
B.Sc	34	15	44
M.Sc	13	5	38
UG and PG Topper	Jisna Abdul Razak (B.Sc)	Nihla Arakkal(M.Sc)	
University Topper (if any)	Nil		
Best Outgoing Students		Risna Usman (B.Sc)	Sreelakshmi Sreedhar (M.Sc)

Certificate Course

Department provided certificate course for both UG and PG students

BSc : Fiber Optical Physics

MSc : Radiational Physics

Bridge Course

The PG Department of Physics organized Bridge Course for BSc first year students on the topics “VOYAGE THROUGH PHYSICS”, “PURVIEW OF PHYSICS”, “APPLICATION OF PHYSICS IN DAILY LIFE” on 26/10/2021 (Tuesday), 27/10/2021 (Wednesday) and 28/10/2021 (Thursday) respectively via Google Meet.



WORLD ENVIRONMENT DAY- SPEAK UP COMPETITION

On the 5th of June 2021, the Energy Conservation Cell in collaboration with the PG Dept of Physics, observed the world environment day conducting a speak up

competition. World Environment day is celebrated on 5th June every year. The first prize winner, Aysha Nihidha of S5 mathematics beautifully portrayed the fun behind the symbols posed by the human beings whilst trying to save nature. The second prize and third prize were won by Fathima P.S (M.com second year) and Fathima Hasna (S2 Physics) respectively.



FICTIONAL STORY WRITING COMPETITION: ENVIRONMENT DAY

PG department of physics conducted a fictional story writing competition for students of various disciplines. Fiction texts are created from the imagination and include made up stories with characters, a setting and plot from the authors own imagination. Theme for writing story was “environment”

SEMINAR PRESENTATION : THE COMMEMORATIVE DAY OF APJ

PG department of Physics of Ansar Women's College organized a seminar presentation competition on the occasion of 6th year remembrance of Dr. APJ ABDUL KALAM 2021 on 27th July , Dr. APJ Abdul Kalam



ANSAR WOMEN'S COLLEGE
PERUMPILAVU

PG DEPARTMENT OF PHYSICS

**COMMEMORATIVE DAY OF APJ
27-07-2021**

**SEMINAR PRESENTATION
COMPETITION**

INSTRUCTIONS

- Duration : 5 minutes
- Topic: Any quotes of APJ
- Make a video or narration in PPT

Last date for submission: 30-07-2021

Send your entries to: 9567546509



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PG DEPARTMENT OF PHYSICS

SEMINAR PRESENTATION COMPETITION

WINNERS



3

FATHIMA HASNA K
S2 BSc. PHYSICS



1

RISNA USMAN
S5 BSc. PHYSICS




2

AMINA SAKKEER
S2 BSc. MATHS

Congratulations

QUIZ COMPETITION ON OBSERVANCE OF HIROSHIMA AND NAGASAKI DAY

The PG Department of Physics organized a quiz competition on observance of Hiroshima and Nagasaki Day on 9th August, 2021. The aim of the program is to instill a sense of humanity and peace in them.





ANSAR WOMENS COLLEGE
PERUMPILAVU

PG Department Of Physics
organize

Quiz competition

On observance of
HIROSHIMA AND NAGASAKI DAY





10.00 am - 11.00 am Date

Interested students join in whatsapp group
via link provided

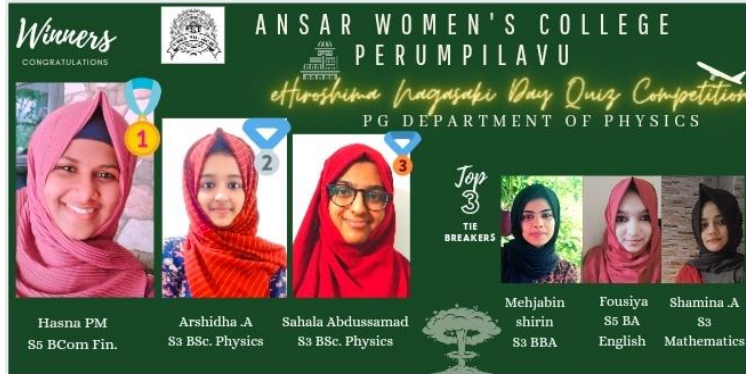
E certificates provided for winners

**GUIDELINES FOR
HIROSHIMA AND
NAGASAKU DAY
QUIZ**



- 1 Both UG and PG students of different discipline can participate.
- 2 Duration of quiz is time bounded (5 min)
- 3 Participants can attempt the quiz only once with their own email id
- 4 Participants who secure 40% and above will be awarded e -certificate.
- 5 Special arrangement is given for S5 students due to internal exam (3.00 PM - 3.30 PM)

FOR ENQUIRY: 9461132961



VIDEO RELEASE ON AKSHAY URJA DIVAS

On the 20th of August 2021, the PG department of physics in collaboration with the energy conservation cell observed Akshay Urja divas by releasing a video to create awareness on the importance of renewable energy.

Here's the link for the video:

<https://youtu.be/RT4GD3B8sK4>

ONAM 2021

Ansar women's college ,PG department of physics celebrated onam 2021 by relaesing video and sharing onam experience through google meet. On 20/8/2021 a google meet conducted at 7.00 pm Students of fifth semester managed the meet.Teachers and some of students shared the experience and readiness of onam celebrations.

https://youtu.be/T_J0lqw6NS8

OZONE DAY-DIGITAL POSTER MAKING COMPETITION

Energy Conservation Cell & Department of Physics of Ansar women's college have organized a Digital poster making competition in connection with Ozone Day on 16th September 2021 to create the awareness among people regarding importance of the ozone layer in the atmosphere. Winners were

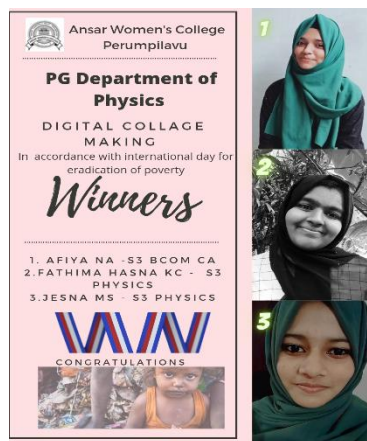
- 1) Risna Usman(S5 BSc Physics)
- 2) Fathima Hasna KC(S3 Bsc Physics)
- 3) Fidha Farhana M (S3 BAMC)



International Day for the Eradication of Poverty-Digital Collage Making

PG Department of Physics conducted a digital collage making competition on international day of eradication of poverty 17/10/2021. Students enthusiastically participated in the program and selection process for first position is hard. Three positions are selected among all participants. First position secured by Afiya NA S3 BCOM CA, Second position secured by Fathima hasna KC S3 BSc. Physics and third position secured by Jesna MS S3 BSc. Physics.

WEBINAR ON PHYSICS TODAY: CAREERS OPPORTUNITIES



AND

The PG Department of Physics organized a webinar on the topic "Physics Today: Careers and Opportunities" on 14th August 2021 via Google meet. The

resource person for the program was Ms. Faheema S, CSIR NET – JRF holder in Physical Science.

YouTube Link - <https://youtu.be/g7Yhwj9-21o>

**ANSAR WOMEN'S COLLEGE
PERUMPILAVU**

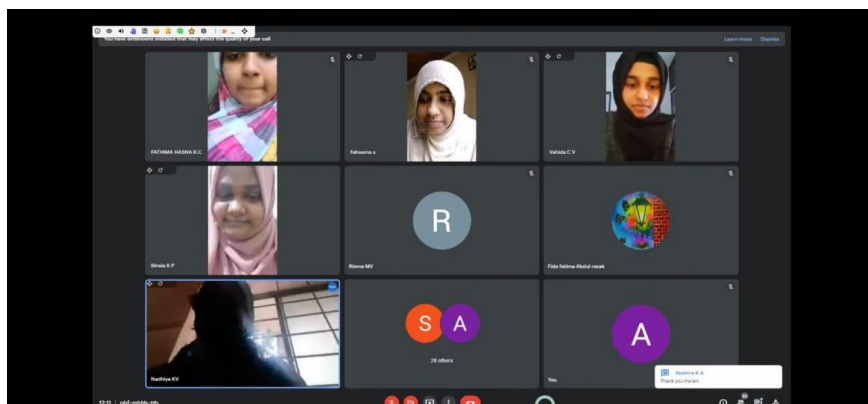
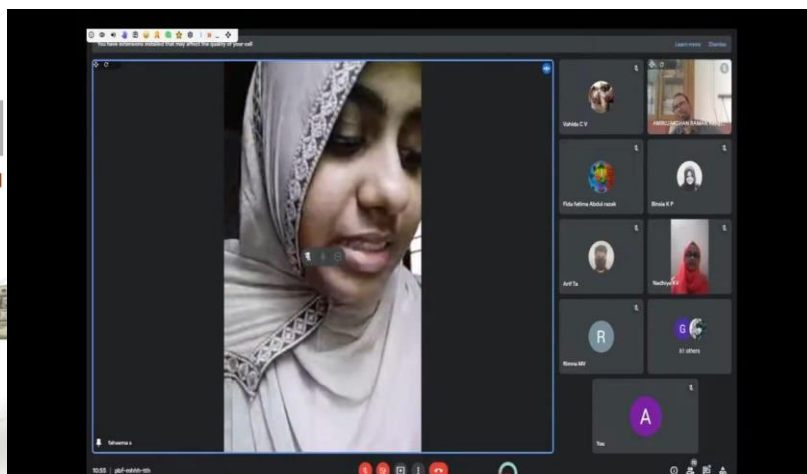
**PG Department of Physics
Codifies An Event**

**Physics Today : Careers and
Opportunities**

**Resource Person
Faheema S
NET - JRF Holder**

**14th August 2021
@ 10:30 am**

Google Meet



WEBINAR ON STUDY ON PHOTONICS

PG Department of Physics organized a webinar entitled “ Study on Photonics on 30th October 2021 via Google meet and YouTube live at


10:30am. The resource person of the webinar was Dr. Rejeena I, Assistant Professor, M.S.M College, Kayamkulam. The webinar session was handled by Dr. Rejeena I, Assistant Professor, M.S.M College, Kayamkulam. The resource person took over the session and inspired all the young minds with a detailed discussion on "Study on Photonics". Photonics is the physical science of light waves.

YouTube Link – <https://youtu.be/wQEDkdhNSKY>

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PG DEPARTMENT OF PHYSICS
Organizes
Webinar

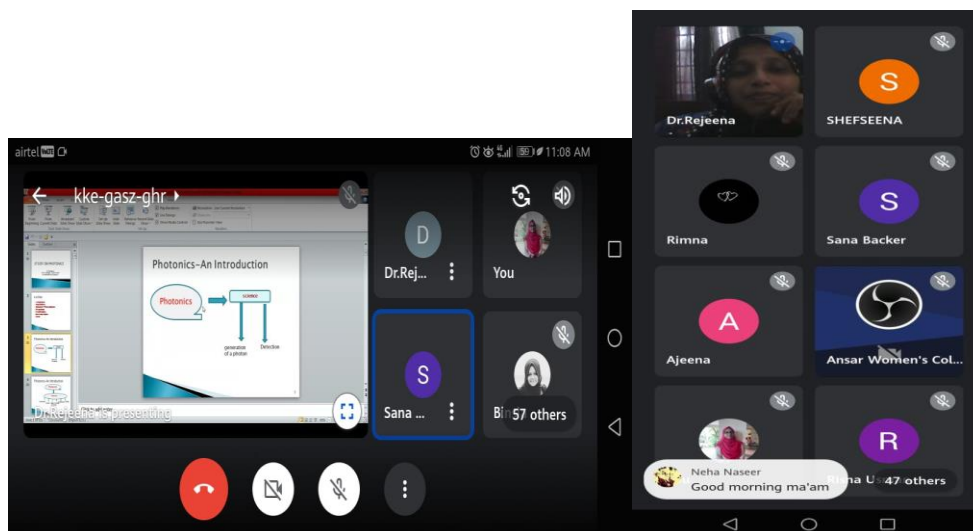
**STUDY ON
PHOTONICS**


Dr. REJEENA. I
Assistant Professor
Department of Physics
M.S.M College, Kayamkulam

OCTOBER 30
@10:30 AM

PROGRAMME SCHEDULE

PRAYER:	Rimna Kabeer (S3 Physics)
WELCOME SPEECH:	Ms Nadiya K V (HOD of Physics)
PRESIDENTIAL ADDRESS:	Ms Faritha J (Principal)
FELICITATION:	Mr Arif T A (Vice Principal)
WEBINAR SESSION:	Dr. Rejeena I, Assistant Professor, Department of Physics, M.S.M College, Kayamkulam
VOTE OF THANKS:	Suvarna K P (S3 Physics)



NATIONAL SCIENCE DAY OBSERVATION

NATIONAL WEBINAR: ORIGIN AND UTILIZATION OF PYRAMID

The PG Department of Physics organised a Webinar in connection with National Science day 2022 on the topic “Origin and Utilisation of Pyramid Energy” on 26 February 2022, at 10 am via Zoom Meet. The resource person for the program was Dr. M. Jamal Mohammed Jaffar, Associate Professor, HOD, Jamal Mohammed College (Autonomous), Tiruchirappulli-20. The students of the physics department of both Ansar Women’s College and Jamal Mohammed College participated in the program lasted for nearly two and half hours.

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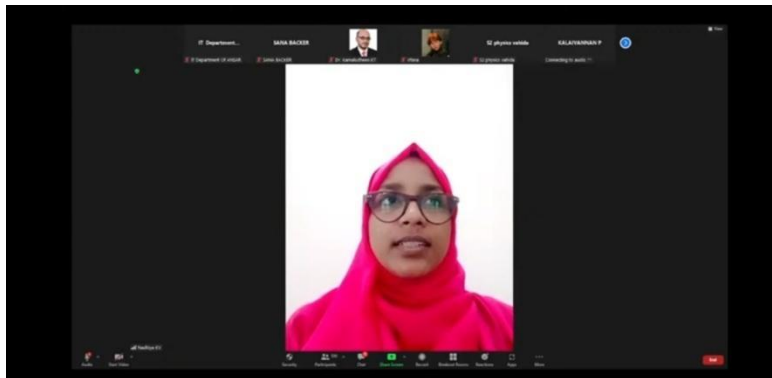
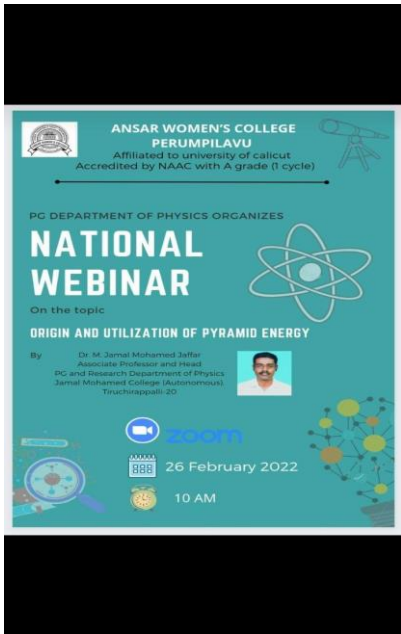
PG DEPARTMENT OF PHYSICS ORGANIZES

NATIONAL WEBINAR

On the topic
ORIGIN AND UTILIZATION OF PYRAMID ENERGY

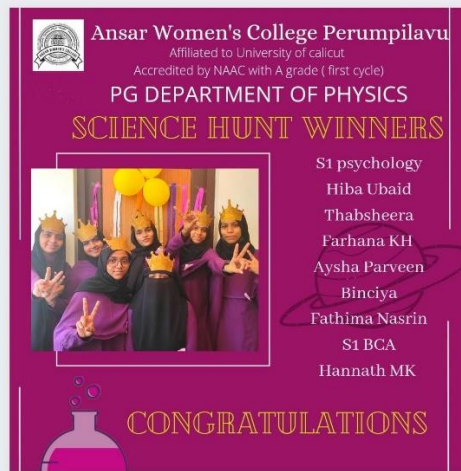
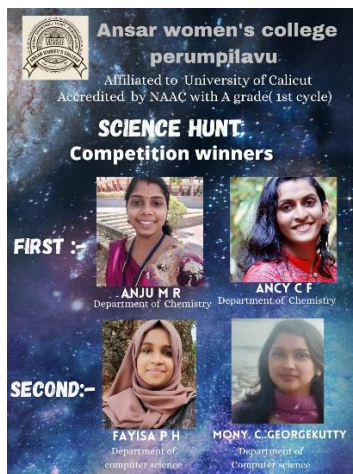
By
Dr. M. Jamal Mohamed Jaffar
Associate Professor and Head
PG and Research Department of Physics
Jamal Mohamed College (Autonomous),
Truchirappalli-20

26 February 2022
10 AM



SCIENCE HUNT FOR STUDENTS AND TEACHERS


Department organized Science Hunt for the students and teachers of college in connection with National Science hunt.






SKILL ENHANCEMENT WORKSHOP ON : 'HOW TO ASK, QUESTION, LEARN, UNLEARN, RELEARN AND DO'

The PG Department of Physics organized a skill enhancement workshop on the topic 'How to ask, question, learn, unlearn, relearn and do' on 30th November 2021 in offline mode. The resource person for the program will be Dr. Sreekanth Madhavan, CEO, Kabani Tech, Shornur. The students of the Physics department and Chemistry department participated in the programme. The resource person made the students aware about the concept of Learn, Unlearn And Relearn and how important is developing that attitude of unlearning and relearning for a person studying a science subject with the help of relevant videos and examples.

ANSAR WOMEN'S COLLEGE
PERUMPILAVU
(Affiliated to University of Calicut)
PG DEPARTMENT OF PHYSICS
Conducts
SKILL ENHANCEMENT WORKSHOP
On
**HOW TO ASK, QUESTION, LEARN,
UNLEARN, RELEARN & DO**

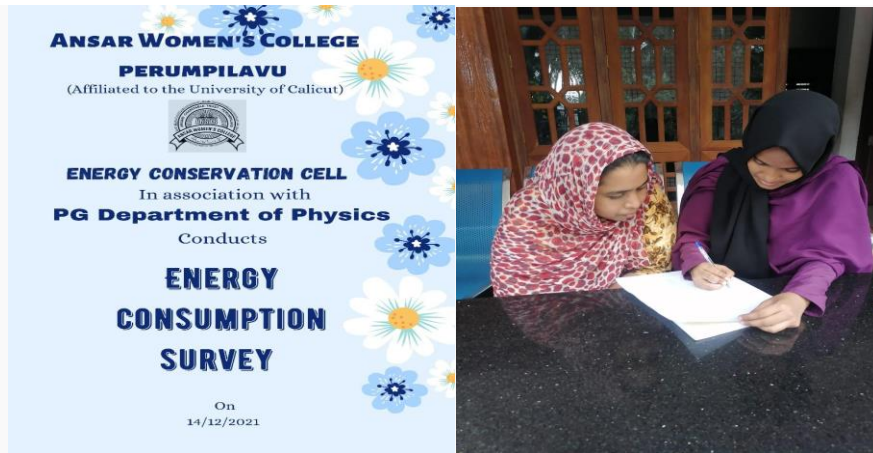

Sreekanth Madhavan
CEO, Kabani Tech

 30th Nov 2021
 10.30 am
 AV Room
AES



World Energy Conservation day: Energy Consumption Survey

Energy conservation cell in association with PG department of Physics jointly organized an energy consumption survey in connection with Energy conservation day on December 14 . Students were given an energy consumption survey format and to calculate the total energy consumption in our daily lives and to calculate the monthly consumption in their homes so that they get an awareness and reduce the consumption.




Webinar On Solar Panel Installation

PG department of Physics, Energy Conservation Cell and Energy conservation society jointly organized a webinar on solar panel installation. conducted on 23/11/2021. The webinar was handled by Dr K Soman , President of Energy Conservation Society.




Seminar on Solar Power Plant : Extensional activity

PG Department of Physics organized One Day Seminar on Solar Power Plant in collaboration with Energy Conservation Society, ANERT and Kadavallur Panchayath on 3rd March 2022 at 10:30am. The venue of the program was the community hall of Kadavallur Panchayath. The kudumbashree members and peoples of the Kadavallur Panchayath locality participated in the seminar session. They had interacted very well with the resource persons.

**Ansar women's college
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PG Department of Physics
Conducts
Seminar on

SOLAR POWER PLANTS
In collaboration with
Energy conservation cell

 Energy conservation society &
Kadavallur grama panchayat

On
3rd March 2022 @10:30 AM
Venue:-kadavallur grama panchayat
community hall



TALK FORUM ON INTERNATIONAL SOLAR APPRECIATION DAY

Energy conservation cell in collaboration with PG department of physics conducted a talk forum for students in observing International solar appreciation day. Students actively joined the whatsapp group and posted their talk video on International solar appreciation day. Aswathi Unni of S1 MSc physics was the winner of the competition.

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Energy conservation cell

IN COLLABORATION WITH
PG DEPARTMENT OF PHYSICS

Conducts
TALK FORUM

In connection with
International solar appreciation day **March 10 2022**


Interested students can join the Whatsapp group
Follow this link to join my WhatsApp group:
<https://chat.whatsapp.com/HJW4q8wgk5p48C97hMp3Xl>

Ansar women's college
perumpilavu

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International Solar
Appreciation Day

TALK FORUM COMPETITION WINNER



Ashwathi Unni
S1 Msc physics

PTA MEETINGS

Class PTA's are often conducted in online and offline mode to evaluate the periodic improvement and involvement of students .

