

Nirmala College for Women, Coimbatore
Department of Chemistry
Report of the Video Contest – 2020-21

Date : 06.06.2020
Name of the Competition : Video Contest
Theme of the Competition : Energy Conservation
Organised by : Dr. N. Gunavathy
Assistant Professor & Head
Department of Chemistry
Nirmala College for Women
Coimbatore

The Department of Chemistry, in association with the Energy Club organised a one minute video contest on Energy Conservation through online – submission of videos on 06.06.2020. The objective of the video contest is to create public awareness about the importance of energy efficiency and conservation habits in home and places around us. The contest is an exciting opportunity to engage students to be creative and learn more about energy.

NIRMALA COLLEGE FOR WOMEN, COIMBATORE
ENERGY CLUB
DEPARTMENT OF CHEMISTRY
ORGANIZES
ONE MINUTE VIDEO CONTEST
ON
ENERGY CONSERVATION

Submit Your Video to kgv2618@gmail.com
E-Certificate will be Provided
Last date for Submission 06.06.2020

CHIEF PATRON **PATRON** **CONVENER**
Rev. Sr. Dr. Ruby Alangara Mary Rev. Sr. Dr. Helen DR. N. GUNAVATHY
Secretary Principal Assistant Professor & Head

CO-ORDINATORS
Dr. P. Kalaivani
Dr. C. Subha
Dr. Sr. S. Kulandai Therese
Dr. P. Dhivya
Dr. K. Anbarasi
Mrs. Johncy Caroline
Mrs. P. Anitha Chirsty
Mrs. S. Valli

Made with
Video Invites

(Video Invite)

There was a total of 56 entries – videos submitted. E-certificates were distributed to all the participants.



NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)
REACCREDITED WITH 'A' GRADE BY NAAC IN THE III CYCLE WITH CGPA 3.62
RED FIELDS, COIMBATORE - 641018

ENERGY CLUB
DEPARTMENT OF CHEMISTRY

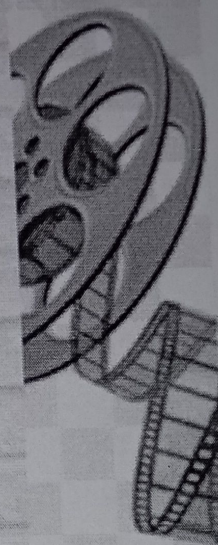
VIDEO CONTEST ON ENERGY CONSERVATION
CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

PARTICIPATED IN THE ONE MINUTE VIDEO CONTEST ON "ENERGY CONSERVATION" ORGANIZED BY ENERGY CLUB, DEPARTMENT OF CHEMISTRY, NIRMALA COLLEGE FOR WOMEN, COIMBATORE, ON 06.06.2020.

PRINCIPAL
NIRMALA COLLEGE FOR WOMEN

ASSISTANT PROFESSOR AND HEAD
DEPARTMENT OF CHEMISTRY




Gunavathy N.

Dr. N. GUNAVATHY
M.Sc., M.Phil., M.Ed., PGDCA., Ph.D.
Assistant Professor and Head
Department of Chemistry
Nirmala College For Women (Autonomous)
Coimbatore - 641 018.

Nirmala College for Women, Coimbatore
Department of Chemistry
Report of the Quiz Contest – 2020-21

Date : 16.06.2020 to 20.06.2020
Name of the Competition : Quiz Contest
Theme of the Competition : Energy Conservation and Management
Organised by : Dr. C. Subha
 Mrs. P. Anitha Christy
 Assistant Professor
 Department of Chemistry
 Nirmala College for Women
 Coimbatore

Energy conservation is the effort made to reduce the consumption of energy by using less of an energy service. This can be achieved either by using energy more efficiently (using less energy for a constant service) or by reducing the amount of service used (for example, by driving less). Energy conservation is a part of the concept of Eco-sufficiency. Energy conservation measures (ECMs) in buildings reduce the need for energy services and can result in increased environmental quality, national security, personal financial security and higher savings. In a drive to conserve and manage energy, Energy Club in association with the Department of Chemistry organised an online Quiz Contest between 16.06.2020 to 20.06.2020. The contest witnessed 447 participants – 35 staff and 412 students.



**NIRMALA COLLEGE FOR WOMEN
(AUTONOMOUS)**
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 Red fields, Coimbatore-641018


ENERGY CLUB
 DEPARTMENT OF CHEMISTRY

organizes online quiz contest on the topic
Energy Conservation and Management

Date: 16.06.2020 to 20.06.2020
 No Registration Fee
 E certificate will be provided for participants who scored 40% and above.

Chief Patron	Patron	Convener
Rev.Sr.Dr.Ruby	Rev.Sr.Dr.M.Helen	Dr.N.Gunavathy
Alangara Mary	Principal	Assistant Professor & HOD
Secretary		
Event Coordinator	Co-ordinators	
Dr.C.Subha	Dr.P.Kalaivani	
Mrs.P.Anitha Christy	Dr.Sr.S.Kulandai Therese	
	Dr.P.Dhivya	
	Dr.K.Anbarasi	
	Mrs.J.Johny Caroline	
	Mrs.S.Valli	

Registration & Quiz link: <http://forms.gle/Zx7Ax7358N6KZQH7>



NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)
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 Red Fields, Coimbatore-18

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr/ Mr/ Mrs** {{full name}}, {{institution name and place}} has actively participated in the online quiz contest on the topic **ENERGY CONSERVATION AND MANAGEMENT** organized by the Energy Club, Department of Chemistry, Nirmala College for Women from 16/06/2020 to 20/06/2020. We appreciate your valuable participation.

Organizer	Convener	Co-convener	Event Coordinator
Rev.Sr.Dr.M.Helen	Dr.N.Gunavathy	Dr.C.Subha	Mrs.P.Anitha Christy
Principal	Assistant Professor & HOD	Assistant Professor	Assistant Professor


*This is system generated e-certificate. Hence no signature required. {{certificate id}}

(Signature)
Dr. N. GUNAVATHY
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 Assistant Professor and Head
 Department of Chemistry
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 Coimbatore - 641 018.

Nirmala College for Women, Coimbatore
Department of Chemistry
Report of the Cookery Competition – 2020-21

Date : 18.09.2020
Name of the Competition : Cookery
Theme of the Competition : Flameless Desserts
Organised by : Dr. C. Subha
Mrs. P. Anitha Christy
Assistant Professor, Department of Chemistry
Nirmala College for Women
Coimbatore

Cooking competition on Flameless Desserts was organised by PG and Research Department of Chemistry in association with the Energy Club, to discover new culinary talents via online, through submission of videos on 18th September 2020. Hosting a cooking competition is an innovative way to increase student participation where participants infused lots of creativity. Participants had to prepare eatables without using fire. There was an active participation where they had prepared chat, sandwiches, shakes, and many more.



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HUMAN EXCELLENCE IS OUR LIFE BREATH
ENERGY CLUB
PG AND RESEARCH DEPARTMENT OF
CHEMISTRY
CONDUCTS
Cookery Competition
Theme: Flameless Desserts
Last Date of Submission: 18.09.2020
Submit your video to: chemcookery@gmail.com

Chief Patron Rev.Sr.Dr.Ruby Alangara Mary Secretary	Patron Rev.Sr.Dr.M.Helen Principal
Convener Dr.N.Gunavathy Assistant Professor & HOD	Event Coordinator Dr.C.Subha Mrs.P.Anitha Christy

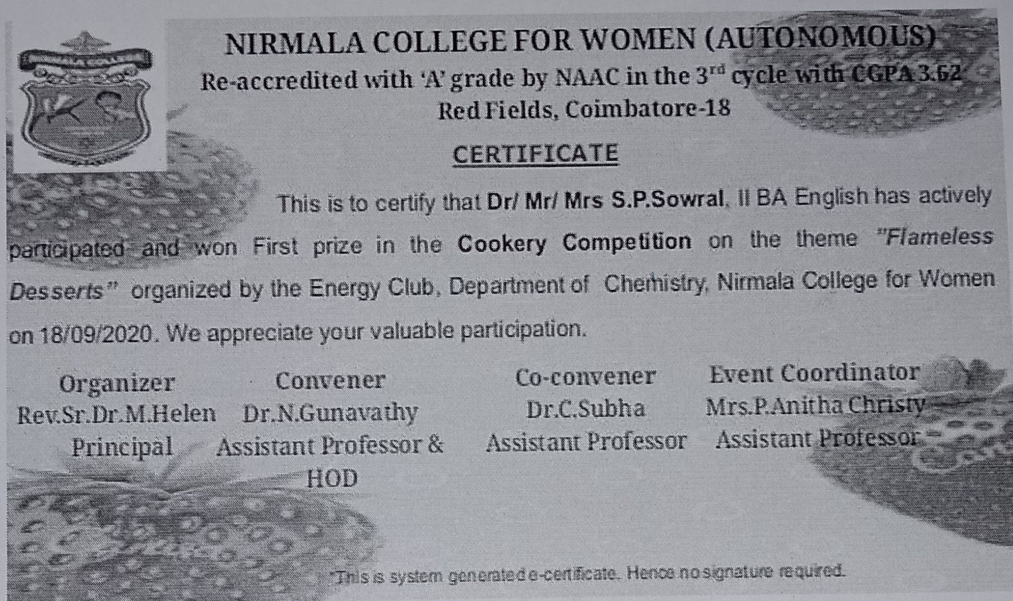
Rules to be followed:

- Video should be original and theme related
- Copying the content from the internet will make themselves disqualified
- All participants will get E-certificate

The following were the prize winners,

- I Prize – S. P. Sowral – II MA English Literature
- II Prize – J. E. Reshma Davis – I B.Sc. Physics
- III Prize – Cynthia Raj – I B.Sc. Geography

E-certificates were distributed to all the participants. There were 25 videos from students displaying their culinary talents.



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Nirmala College for Women, Coimbatore
Department of Chemistry
Report of the Essay Competition – 2020-21

Date : 27.02.2021
Name of the Competition : Essay Competition
Theme of the Competition : Learning at Home during Lockdown
Organised by : Dr. C. Subha
Mrs. P. Anitha Christy
Assistant Professor
Department of Chemistry
Nirmala College for Women
Coimbatore

To pen down the learning experience during the pandemic crisis, the Energy Club in association with the Department of Chemistry, conducted an Essay competition on “Learning at Home during Lockdown” on 27.02.2021 virtually. Students were given an opportunity to write the essay bilingually – Tamil or English. There were 55 essays from the students.



NIRMALA COLLEGE FOR WOMEN
(AUTONOMOUS)

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Red fields, Coimbatore-641018

ENERGY CLUB

DEPARTMENT OF CHEMISTRY

organizes Essay Competition on the topic

Learning at Home during Lockdown

Last Date: 27/02/2021

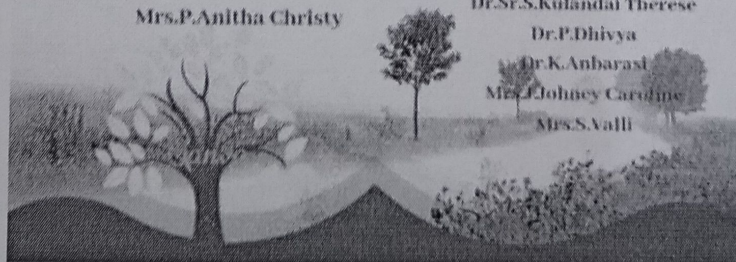
Language : English/Tamil

Mode of Submission : Scan and Send your PDF document
to subha.moses@gmail.com

Chief Patron Rev.Sr.Dr.Ruby Alangara Mary Secretary	Patron Rev.Sr.Dr.M.Helen Principal	Convener Dr.N.Gunavathy Assistant Professor & HOD
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Event Coordinator
Dr.C.Subha
Mrs.P.Anitha Christy

Co-ordinators
Dr.P.Kalaivani
Dr.Sr.S.Kulandai Therese
Dr.P.Dhivya
Dr.K.Anbarasi
Mrs.J.Johnney Caroline
Mrs.S.Valli



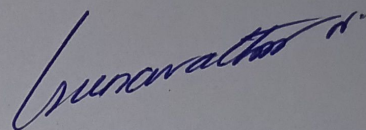
The following are the prize winners,

I Prize – N. Rajeepriya – II B.Sc. Geography

II Prize – Mary Christy – II B.Sc. Botany

III Prize – K. Samyuktha – II B.Sc. Maths (Aided)

E-Certificates were provided to all the participants.

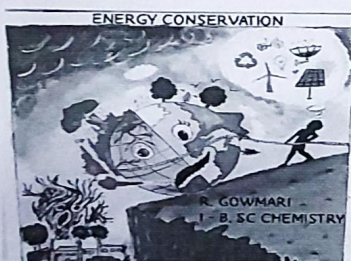
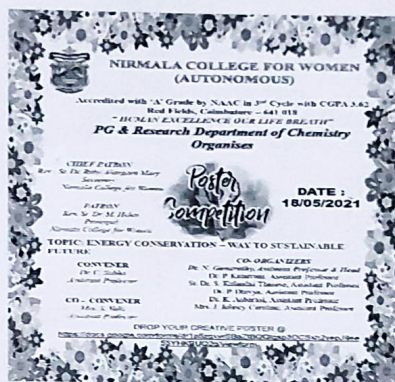


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NIRMALA COLLEGE FOR WOMEN
DEPARTMENT OF CHEMISTRY
ENERGY CLUB
ENERGY CONSERVATION-WAY TO SUSTAINABLE FUTURE

Program : Poster Competition
Date : 18.05.2021
Topic : Energy Conservation-Way to sustainable future
Time : 8am-8pm
Venue : Online Platform

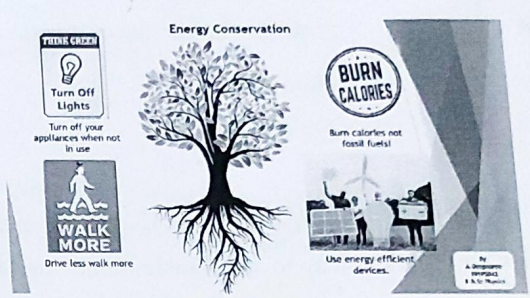
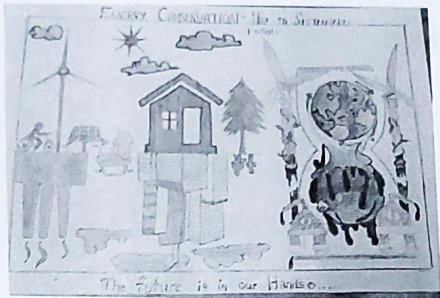
PG & Research Department of Chemistry organized a Poster Competition on the topic "Energy Conservation-Way to sustainable future" on 18.05.2021 through online platform.



Invitation was circulated among the students of all the departments and sent to other institutions in Coimbatore. Students have actively participated in the competition. 30 posters have been posted through the link provided in the invitation. Posters have been evaluated and the name list of Prize winners was announced. E-certificates were issued to all the participants.

I Prize : i) Gowmari R I BSc Chemistry

- ii) Jeno Roseline III BSc Chemistry
- II Prize: i) Deepasree II BSc Physics
- ii) Monisha A II BSc Chemistry
- III Prize: Iswariya G II BSc Chemistry (SNR College of Arts and Science)



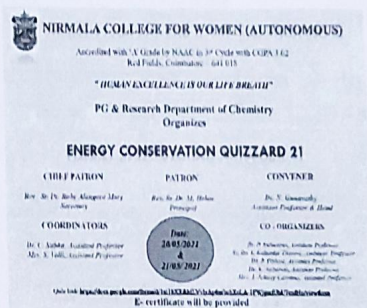
Dr. N. Gunavathy
DR. N. GUNAVATHY
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 Coimbatore - 641 012

NIRMALA COLLEGE FOR WOMEN
DEPARTMENT OF CHEMISTRY
REPORT ON THE QUIZ COMPETITION

ENERGY CONSERVATION QUIZZARD 21

Program : Quiz Competition
Date : 20.05.2021 & 21.05.2021
Topic : Energy Conservation Quizzard 21
Venue : Online Platform

PG & Research Department of Chemistry organized a Quiz Competition on the topic "Energy Conservation Quizzard 21" on 20.05.2021 & 21.05.2021 through online platform.



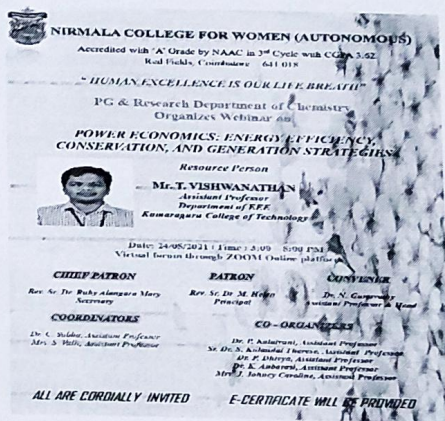
Invitation for the quiz competition was sent to all the departments and to the neighbouring institutions. Total of 50 questions on Energy Conservation was prepared on Google sheet and the link was opened for two days on 20.05.2021 & 21.05.2021. 270 participants have attended the quiz and received their E-certificates.

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NIRMALA COLLEGE FOR WOMEN
DEPARTMENT OF CHEMISTRY
ENERGY CLUB
POWER ECONOMICS: ENERGY EFFICIENCY, CONSERVATION AND GENERATION STRATEGIES

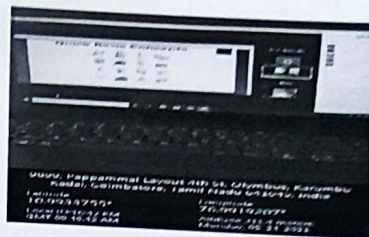
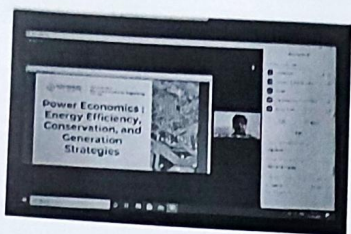
Program : Webinar
Date : 24.05.2021
Resource Person : Mr. T. Vishwanathan,
 Assistant Professor, Department of EEE,
 Kumaraguru College of Technology, Coimbatore.
Topic : POWER ECONOMICS: ENERGY EFFICIENCY,
 CONSERVATION AND GENERATION STRATEGIES
Time : 3 pm-5 pm
Venue : Online Zoom platform

PG & Research Department of Chemistry organized a webinar on the topic “Power Economics: Energy efficiency, conservation and generation strategies” on 24.05.2021 through Zoom online platform.



Webinar was started with a Prayer song by Jeyaprinicy of I B.Sc Chemistry Student. The Chief guest Mr. T.Vishwanathan, Assistant Professor of EEE, Kumaraguru College of Technology, Coimbatore was introduced by Keziya gracelin of I B.Sc. Chemistry and he delivered a talk on “Power Economics: Energy efficiency, conservation and generation strategies”. He started his talk with the discussion on how the power of energy affects the

economics of the country. He explained about the energy conservation with day-to-day life examples.



He gave a detailed idea about the importance of the different strategies on energy generation and gave a brief knowledge about the local energy production from wastages. 73 participants have attended the webinar. The audiences were UG, PG and the Faculty members of the department of Chemistry. Official vote of thanks was done by Sneka.S of II B.Sc. Chemistry.

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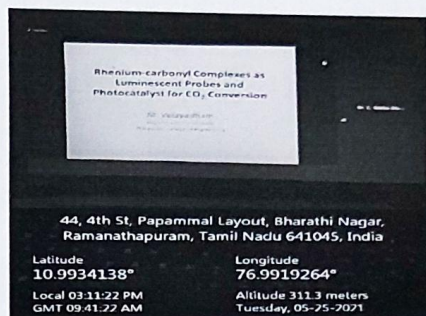
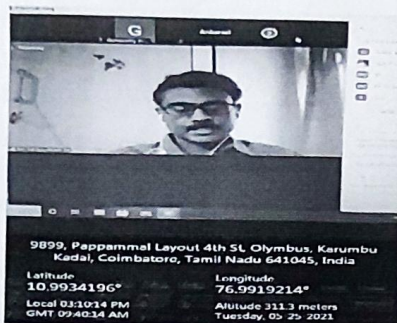
NIRMALA COLLEGE FOR WOMEN
DEPARTMENT OF CHEMISTRY
ENERGY CLUB
RHENIUM(I) CARBONYL COMPLEXES AS LUMINESCENT PROBES AND
PHOTOCATALYST FOR CO₂ CONVERSION

Program : Webinar
Date : 25.05.2021
Resource Person : Dr.M. Velayudham, Assistant Professor,
Thiagarajar College of Engineering, Madurai.
Topic : Rhenium(I) carbonyl complexes as luminescent probes and
photocatalyst for CO₂ conversion
Time : 3 pm-4.30 pm
Venue : Online Zoom platform

PG & Research Department of Chemistry organized a webinar on the topic “Rhenium(I) carbonyl complexes as luminescent probes and photocatalyst for CO₂ conversion” on 25.05.2021 through Zoom meet online platform.

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)
DEPARTMENT OF CHEMISTRY
"HUMAN EXCELLENCE & OUR LIFEBLEATH"
PG & Research Department of Chemistry
Organizes Webinar on
**Rhenium(I) carbonyl complexes as luminescent probes
and photocatalyst for CO₂ conversion**
Resource Person
Dr. M. VELAYUDHAM
Assistant Professor
Department of Chemistry
Thiagarajar College of Engineering
Madurai - 625 025
Chief Patron: Dr. Baby Alexander Mary
Patron: Rev. Dr. Dr. M. Helen
Convener: Dr. N. Chinnappa
Faculty Members:
Dr. P. Eshwari, Assistant Professor
Dr. S. S. Lakshmi, Assistant Professor
Dr. P. Srinivas, Assistant Professor
Dr. K. Srinivas, Assistant Professor
Dr. S. Srinivas, Assistant Professor

Webinar was started with a Prayer song by Kezia gracelin of I B.Sc Chemistry Student. The Chief guest Dr. M.Velayudham, Assistant Professor of Chemistry, Thiagarajar College of Engineering, Madurai was introduced by Anbarasi of III B.Sc. Chemistry and he delivered a talk on “Rhenium(I) carbonyl complexes as luminescent probes and photocatalyst for CO₂ conversion”. He started his talk with the importance and basics of photochemistry and Jablonski diagram. He explained about the MLCT and LLCT concepts in elaborated manner with animations.



He gave detailed idea about the importance of Rhenium complexes and its applications and gave a brief knowledge about the current research trends prevailing in metal complex research field. 88 participants have attended the webinar. The audiences were UG, PG and the Faculty members of the department of Chemistry. Official vote of thanks was done by Jerolena of I B.Sc. Chemistry.

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