

N.S.S COLLEGE NEMMAR

P G DEPARTMENT OF CHEMISTRY

Annual report of Departmental Activities 2021-22.

Department secured a pass percentage of 93 and 91 in BSc and MSc respectively during the academic year 2020-21.

Department organized a webinar WED 2021 in relation with World Environmental Day 2021 on 05.06.2021. Dr Ambili V K was the Coordinator of the webinar. The webinar associated with an invited lecture on Chemistry and Environment by Dr R Vinayakan from NSS Hindu College Changanassery and an online drawing competition for students of various departments. Department organized a webinar series on research methodology of statistical thermodynamics for MSc chemistry students from 07.08.21 to 15.08.21. The programme was conducted in association with IQAC NSS College Nemmara. This webinar series involved four sessions lead by Mrs. Memsy C K from Mercy College Palakkad. Dr Ambili V K and Dr Priya S are the coordinators of the Programme.

Department of Chemistry took initiative to provide e books for students by sharing google drive link of e library created by the department as a part of Reading Day celebrations 2021 which help the students to overcome the limitations of availability of books during Covid 19 pandemic situation.

Department organized a webinar in relation with Ozone Day Celebrations on 16.09.2021. An invited talk was conducted by Dr Deepa J R, Assistant Professor, S. N College Kollam on Chemistry of Water Quality Research. Dr Anoop S Nair was the coordinator of the programme.

Department also conducted an Induction Programme for first year BSc students on 09.11.2021, which was aimed to improve research aptitude in chemistry and to discuss carrier opportunities in chemistry. Dr Ambili V K was the coordinator

of the programme and the session was handled by Dr Sandeep K, Post Doctoral fellow at University of Stratsbourg, France.

As part of the revised curriculum of 2019 Admission M.Sc. Chemistry Course, field visit to academic institutions or to any R&D center is made mandatory. To fulfil this, a Virtual tour to Department of Applied Chemistry CUSAT Cochin was conducted by the Department on 02.03.2022. The session was handled by Dr Suja Haridas and her research scholars.

Department conducted a webinar for final Year BSc chemistry students in association with PTM Govt. College Perithalmanna on 26.3.2022 for study tour report. Online demonstration classes were carried out by Dr Leena R, Department of Applied Chemistry CUSAT on the topic Instrumental Methods for Advanced Research.

Department provided a certificate course on '**Chemistry Among Us**' for the students of various departments which involved lectures on chemistry of daily use materials. The course also involved hands on training for sanitizer making, soap making etc. Dr Anoop S Nair was the coordinator of the Certificate Course.


NSS COLLEGE NEMMARA
 Post Graduate Department of Chemistry
World Environment Day - WED 2021
 June 5, 2021

INVITED LECTURE
(via google meet at 2 pm)
CHEMISTRY & ENVIRONMENT
 Dr Vinayakan R, Assistant Professor,
 NSS Hindu College, Changanassery

Online Drawing Competition
 Registration link: <https://forms.gle/DKeMxytBdfRXsPTG>

1ST PRIZE: 1,000/-
 2ND PRIZE: 750/-
 3RD PRIZE: 500/-


Send your paintings to
nssnmrchem@gmail.com


Webinar Link
<https://docs.google.com/forms/d/1VuhduUE0xvZto6tq92tGpRE-vNjuPwLITQILWvSHOU/edit?usp=sharing>


Co-ordinator:
 Dr Ambili V K,
 Head,
 Dept of Chemistry,
 NSS College,
 Nemmara
 9446506687



WINNERS OF WORLD ENVIRONMENT DAY 2021 DRAWING COMPETITION
 ORGANISED BY PG DEPARTMENT OF CHEMISTRY NSS COLLEGE NEMMARA


1st Position
HIBA I
I BSc Zoology


2nd Position
SURAG C R
I BA Economics

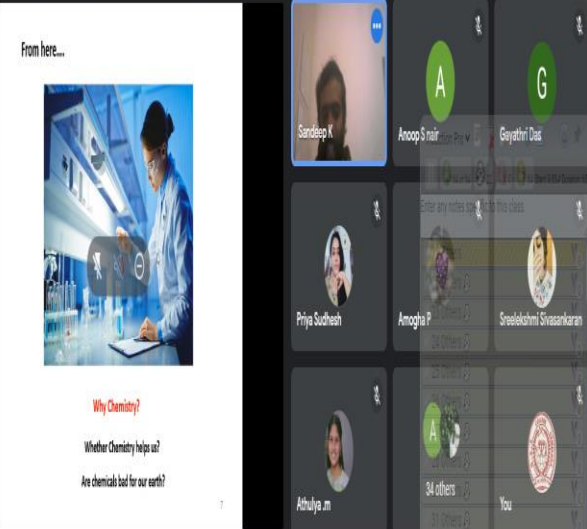

3rd Position
ADARSH V
I BSc Chemistry


Certificate of Achievement
 HIBA I, 1st Year BSc Zoology, NSS College Nemmara
 being **First Position** in drawing competition related to World Environment Day 2021


Certificate of Achievement
 SURAG C R, 1st Year BA Economics, NSS College Nemmara
 being **Second Position** in drawing competition related to World Environment Day 2021


Certificate of Achievement
 ADARSH V, 1st Year BSc Chemistry, NSS College Nemmara
 being **Third Position** in drawing competition related to World Environment Day 2021

From here...



Why Chemistry?
 Whether Chemistry helps us?
 Are chemicals bad for our earth?


N.S.S COLLEGE, NEMMARA
 Nemmara College P.O. Palakkad Dist. Pin - 678508
 04923-244265 / 243265
 Email: nsscollegenemmara@gmail.com
 Website: www.nssnemmara.org.in
Nationally Accredited with 'A' Grade by NAAC

WEBINAR SERIES
ON
RESEARCH METHODOLOGY OF
STATISTICAL THERMODYNAMICS
 Organized By
P G DEPARTMENT OF CHEMISTRY,
NSS COLLEGE, NEMMARA &
IQAC NSS COLLEGE NEMMARA
 Ms. Memsy C K
 Assistant Professor
 Mercy College Palakkad

Date : 7.8.2021, 8.8.2021, 14.8.2021 and 15.8.2021
Time : (11.00 a.m. to 12.00 p.m.)
Platform: GOOGLE MEET

Coordinators : Dr Ambili V K and Dr Priya S
 IQAC Co-ordinator Head Principal

- For further details, please contact (Dept. of Chemistry):-
- Dr Ambili V K and Dr Priya S**
(Co-ordinators)
Assistant Professors
(Ph: 9946506687, 9895386087, nssnmrchem@gmail.com)
 - Dr Asha Bharathan**
Assistant Professor
 - Dr Anoop S Nair**
Assistant Professor
- Organising Committee**
 Dr Jyothilekshmi P (Principal, NSS college Nemmara)
 Dr T Sreekumar (IQAC Co-ordinator)
 Dr Ambili V K (HOD, Dept of Chemistry, Co-ordinator)
 Dr Priya S (Co-ordinator)
 Dr Asha Bharathan
 Dr Anoop S Nair
 Dr Aswathi L B
 All Chemistry Students

N.S.S COLLEGE, NEMMARA
 Nemmara College P.O., Palakkad Dist. Pin - 678808
 04923-244265 / 243265
 Email: nssc.collegenemmara@gmail.com
 Website: www.nssc.nemmara.ac.in
 Nationally & accredited with "A" Grade by NAAC

WEBINAR ON INSTRUMENTAL METHODS FOR ADVANCED RESEARCH

Organized By
P G DEPARTMENT OF CHEMISTRY, NSS COLLEGE, NEMMARA
 &
DEPARTMENT OF CHEMISTRY P T M GOVERNMENT COLLEGE PERITHALMANNA

Resource person
Dr Leena R
 Assistant Professor
 Department of Applied Chemistry
 CUSAT

A VIRTUAL TOUR TO CUSAT

To Register
<https://forms.gle/bQMVPV34JC9jSXUK8>

Date : 26.3.2022
 Time : (10.00 a.m.)

Platform: **GOOGLE MEET**
<https://meet.google.com/jiw-ehbn-wwa>

Co-ordinator Head Principal

NSS COLLEGE NEMMARA
P G DEPARTMENT OF CHEMISTRY
 A VIRTUAL TOUR TO CUSAT ON 26.03.2022
WEBINAR ON INSTRUMENTAL METHODS FOR ADVANCED RESEARCH

The image shows two screenshots of a Google Meet interface. The top screenshot shows a meeting titled 'INSTRUMENTAL METHODS FOR RESEARCH' with a speaker, Dr. Leena R, and a list of participants. The bottom screenshot shows a similar meeting view with a different set of participants.

Certificate Course in Chemistry
CHEMISTRY AMONG US

Organized By
 Department of Chemistry, NSS College, Nemmara

- Chemistry of daily use materials
- Hands on Training available
- E certificate after successful completion

Hands on training in Sanitizer, Soap & Detergent Manufacture

Starting from **06th October 2021**

Co-ordinator: **Dr Anoop S. Nair, Dept. of Chemistry, NSS College, Nemmara**

To Register, click <https://forms.gle/sX5D8XLsWwun914R7>

NSS COLLEGE NEMMARA
Department of Chemistry
Report of Certificate Course 2021-2022

Name of Course: CHECC21 – Chemistry Among Us
 Duration – 30 Hours
 List of Students Enrolled – 93

A certificate course entitled "Chemistry Among Us" was organized by the Department of Chemistry with a view to demonstrate and make students realize the importance of chemistry in daily life and to observe chemistry in every real life situations.

A total of 93 students enrolled to the course and the course was designed for 30 hours including demonstrations of chemistry experienced in day to day activities. After successful completion and acquirement of minimum attendance, a test paper was conducted. Students who secured greater than 40 % was given an e-certificate.

Co-ordinator: **Dr Anoop S Nair**
 Head of Department: **Dr Ambili V K**

19 June 2021

EBooks Digital Library – Google Drive
<https://drive.google.com/drive/folders/1TdqGFPbZZiGfTcZnLHiljrCiSapZqyM?usp=sharing>

ഇന്ന് വായനാദിനം. Library സേവനം ലഭിക്കുക ബുദ്ധി മൂട്ടായ ഈ അവസരത്തിൽ department of chemistry നിങ്ങൾക്കായി ഒരു ചെറിയ ഡിജിറ്റൽ ലൈബ്രറി ഒരുക്കിയിരിക്കുന്നു. നമ്മുടെ chemistry subject related ആയ നിരവധി പുസ്തകങ്ങൾ നിങ്ങൾക്ക് ലഭിക്കും. ഡിജിറ്റൽ ലൈബ്രറി link മുകളിൽ നൽകിയിട്ടുണ്ട്. എല്ലാവർക്കും വായന ദിന ആശംസകൾ. Reading always help you to become a good human being.

EBooks Digital Library – Google Drive

Computat ... hemistry

Files

- Computational Chemistry Theories and Models
- Computational Chemistry Introduction to the Theory and Applications of Molecular and Quantum Mechanics
- Introduction to Computational Chemistry Second Edition

Christop ... 002).pdf David Yo ... 001).pdf
 Errol G. ... 2003).pdf Frank Je ... 007).pdf

EBooks Digital Library – Google Drive

Organic Chemistry

- Modern Methods of Organic Synthesis
- ADVANCED ORGANIC CHEMISTRY
- Stereochemistry of Organic Compounds
- Reactive Intermediates in Organic Chemistry

[W_Carr ... kFI).pdf Advance ... rey.pdf
 Advance ... rey.pdf Bruice.pdf