

THIRUTHANGAL NADAR COLLEGE

(Belongs to the Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund)
A Self Financing Co-Educational College of Arts & Science
Affiliated to the University of Madras
Accredited 'B' Grade by NAAC & An ISO 9001:2015 Certified Institution
Selavayal, Chennai, Tamil Nadu, India

DEPARTMENT OF CHEMISTRY

NEWS LETTER - 2021-2022

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Assistant Professor

Vision:

- The primary vision of the department is to inculcate the required technical traits to the students along with the theoretical background.
- Our department strongly believes in imparting the social and ethical responsibilities to students.

Mission:

- Department is striving hard to place the students in core companies.

- Create awareness to students to lead their profession in a logical path through the acquired experience during their course of study.

HIGHLIGHTS

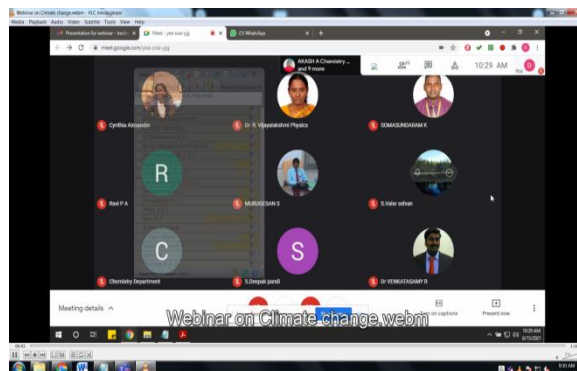
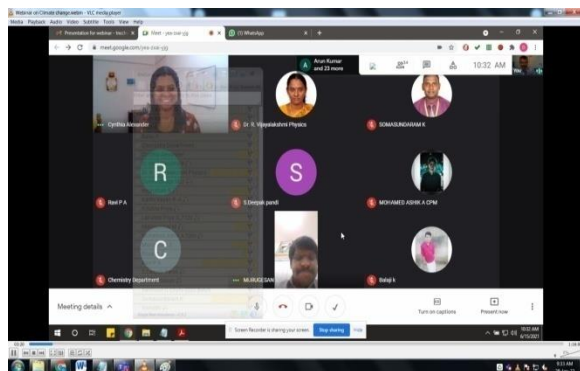
World Environment Day 2021 Celebration

World Environment Day is celebrated to spread awareness among common people about the issues of the environment such as pollution, drastic climatic changes, greenhouse effect, global warming, black hole effect etc. In view of the above objectives, Science Club of Thiruthangal Nadar College, Chennai organized an Online Quiz competition during 05th June, 2021 to 9th June 2021. This event was organized using Google Quiz Form platform (<https://forms.gle/jakJNVmgt7KH5wb57>) and promoted using social media such as Whatsapp, Telegram, Facebook, Instagram. This Quiz helped students to get awareness on environmental related issues and importance of sustainable development activities. A total of 789 participants (528 colleges students and 261 school students) had participated from various colleges and schools from Tamilnadu and earned digital certificates.

EVENTS

National Level Webinar on Climate Change

The climate change is affecting our planet today, but still we have time to limit the worst impact by increasing literacy on climate change to every common man. In view of this, Department of Chemistry in association with IQAC has organized one day National Level webinar on “CLIMATE CHANGE” on 15th June, 2021 (Tuesday). Since the objectives of this webinar is focused on the recent world-wide issue, it received much attention among scientific community/learned scholars/lecturers/students. Around 130 participants joined in this webinar all over Tamil Nadu and from other Countries. The resource person Er. Cynthia Alexander, Principal Officer, Renewable Energy and Energy Management, Seychelles Energy Commission, Seychelles had kindly consented to deliver a lecture on Climate Change.



Knowledge Enhancement Programme on “Nanomaterials and Application”

Nanomaterials are having greater potential in the field of nanoscience due to their uniqueness in structural strength, chemical reactivity, conductivity and optical property. The nanoscience is an emerging field in the contemporary research in chemistry, physics, biology, medicine, etc. In view of this, Department of Chemistry organized one day Knowledge Enhancement Programme on the title “Nanomaterials and Applications” on 30th March, 2022 (Wednesday). The resource person Dr. S. Muruganandam, Associate Professor, Meenakshi College of Engineering, Chennai had kindly consented to deliver a lecture on “Nanomaterials and Applications”.





Poster Making Competition

Department of Chemistry and Plant Biology and Plant Biotechnology jointly conducted poster making competition for students on 10th May 2022. The theme for the event was “Conservation of Wealth” in which students from various departments have participated. The event was conducted at 11 am in the Botany laboratory, 5 teams participated in the event. The competition was judged by Mr. S. Arun, Head, Dept. of Mathematics and Mrs. K. Saradhadevi, Head, Department of Social Work. Students showed their talents by making innovative posters pertaining to the topic in the allotted time.





Industrial Visit to 100 MLD Desalination Plant Nemmeli, Chennai

Department of Chemistry organized an industrial visit to Desalination Plant Nemmeli belongs to Chennai Metropolitan Water Supply and Sewage Board (CMWSSB) on 10-05-2022 for the final year students. An interactive session was arranged in the conference hall of the plant. The session was addressed by Er. Madhavan Unni, Operation Manager and he delivered a brief introduction about the 100 MLD Plant of Nemmeli before the formal visit into the plant. The session has imparted a great exposure to our students which shed light the scientific aspects such as osmosis, reverse osmosis (RO), total dissolved solid (TDS), total suspended solids (TSS), membrane, chemicals involved in the process etc and technical aspects such as pump capacity, filters, high density polyvinyl pipes, specification of membranes, filters etc.



Industrial Visit to Satish Dawan Space Centre SHAR (ISRO), Sriharikota

An industrial visit to Satish Dawan Space Centre SHAR, Sriharikota has been organized by Department of Chemistry of Thiruthangal Nadar College on 17-05-2022 for the students of I, II & III Year students who were accompanied by four teaching and one non-teaching staff members. After official formalities and security clearance, the students were taken inside the SDSC-SHAR to visit various facilities such as Mission Control Centre, Launch pad-I and Launch pad-II. These are the places would be telecasted in television during rocket launch. Students got astonished on seeing these wonderful facilities of SDSC-SHAR and gained practical knowledge on propellants and launch operations. After lunch, all students were taken to Space

Museum where students got an opportunity to see many models and display board related to space, planets, rocket, satellite, etc. On the whole, this day became a special to every student.



Events Participated

- Webinar attended – 29
- Faculty Development Programmes/Short Term Course attended – 20
- Conference participated - 01

STUDENT ACHIEVEMENTS

- Abishek T of III BSc Chemistry has participated in Badminton and secured THIRD Place in the Zonal Level Sports Meet conducted by Nehru Yuva Kendra, Chennai during 2021-2022
- Abishek T of III BSc Chemistry has participated in Volley Ball and secured SECOND Place in the Zonal Level Sports Meet conducted by Nehru Yuva Kendra, Chennai during 2021-2022
- Abishek T of III BSc Chemistry has participated and secured THIRD Place in the Swachhata Awareness Evam Shramandaan conducted by Nehru Yuva Kendra, Chennai during 2021-2022
- Harish S of III BSc Chemistry has participated and secured FIRST Place in the Swachhata Awareness Evam Shramandaan conducted by Nehru Yuva Kendra, Chennai during 2021-2022
- Harish S of III BSc Chemistry has secured SECOND Place in the Poster Presentation conducted by Science Club of Thiruthangal Nadar College during National Science Day Celebrations on 28-02-2022
- Narendran A. V of III BSc Chemistry has secured SECOND Place in the Poster Presentation conducted by Science Club of Thiruthangal Nadar College during National Science Day Celebrations on 28-02-2022
- Naveenkumar A of III BSc Chemistry has secured CONSOLATION Place in the Model Making Competition conducted by Science Club of Thiruthangal Nadar College during National Science Day Celebrations on 28-02-2022
- Prathap S of III BSc Chemistry has secured CONSOLATION Place in the Model Making Competition conducted by Science Club of Thiruthangal Nadar College during National Science Day Celebrations on 28-02-2022
- Harish S of III BSc Chemistry has secured SECOND Prize in the Connexions Competition organized by Thiruthangal Nadar College during National Science Day Celebrations on 02-05-2022
- Harish S of III BSc Chemistry has secured ALL ROUNDER and BEST OUT GOING Student for the batch 2019-2022

- Indhumathi A of II BSc Chemistry has successfully completed the Online Training Programme on “Coaching for Competitive Exams” during the period of 22-03-2022 to 09-04-2022

Thank you