

DEPARTMENT OF CHEMISTRY

ACTIVITIES FOR THE ACADEMIC YEAR JUNE 2017 TO MAY 2018

- Organized Guest Lecture on “**Development of Gold Compounds as Targeted Drugs for Cancer Therapy**” by Dr. Kuppuswamy Arumugam, Department of Chemistry, Wright State University, Dayton (USA), OH, 45435 held during 19th July 2017.
- In commemoration of Diamond Jubilee Celebration, the Department has organized two days workshop from 14.12.2017 to 15.12.2017 entitled “An Introductory Workshop on Intellectual Property Rights (IPR) and its Applications” by Dr.T. Pavan Kumar, Manager(IP & TT), National Research Development Corporation (NRDC), Department of Scientific and Research (DSIR), Ministry of Science & Technology, Department of Science & Technology (DST), Government of India (GOI), Kailash colony Extn. New Delhi. The workshop has created awareness about the Intellectual Property Rights and how to patent their research work.
- The Department of Chemistry (UG), organized two days Science Academies’ Lecture workshop on “Recent Trends in Chemistry” from 11.01.2018 to 12.01.2018. Prof. S.Chandrasekaran, SERB Distinguished Fellow, Department of Organic Chemistry, IISc Bangalore delivered lecture on “Designing Organic Synthesis. Part –I & II”. Prof. S.Natarajan, Solid State and Structural Chemistry Unit (SSCU), IISc., Bangalore delivered lecture on “X-ray diffraction: Principles and Applications” and “Acids, Bases and their compounds”. Dr.V.Subramanian, Senior Principal Scientist, Chemical Laboratory, CLRI, Chennai delivered lecture on “Principles of molecular modeling” and “Design and Development of Energy Materials”. Prof.R.Ramaraj, School of Chemistry, Madurai Kamaraj University, Madurai delivered lecture on “Nano Science & Nanotechnology” and “Artificial Photosynthesis & Solar energy conversion”.
- Parents –Teachers meeting held on 1st February 2018.

RESEARCH PUBLICATIONS

- A.Ayyasamy and N.Anbuselvi, Removal of Malachite Green dye from aqueous solution using the acid activated *Senna cassia* (2017), International Journal In Applied Studies and Production Management, Vol. 3, Issue 4, Pg no.172-188.
- A.Ayyasamy and S.Poongodi, Adsorptive Removal of Crystal Violet Dye from Aqueous solution using Activated Carbon prepared from seeds of *Magnolia Champaca* (2017), International Journal In Applied Studies and Production Management, Vol. 3, Issue 4, Pg no. 157-171.

FACULTIES PARTICIPATION / ACHIEVEMENTS

Dr. A. Ayyasamy

- Attended XXIX Statutory Conference and National Seminar on “Reforms in Higher Education: Challenges & Opportunities” organized by the Savitribai Phule Pune University and College Teachers Organisation (SPPUCTO) & AIFUCTO held during 18th to 20th December 2017 at Shirdi (Maharashtra).
- Served as **Co-Chair person** in the UGC & DST-CURIE sponsored one-day National Seminar on “Recent Innovations in Science and Technology” (RIST 2018), organized by the Department of Chemistry, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in commemoration of Diamond Jubilee Celebrations on 23rd February, 2018.

Dr. Indumathy Ramasamy

- Attended Science Academies’ Lecture workshop on “**ADVANCES IN MATERIALS ELECTROCHEMISTRY**” organized by the Department of Chemistry (PG & Research) Kongunadu Arts and Science college, Coimbatore, Tamilnadu on 21st and 22nd July 2017.
- Attended UGC sponsored workshop on **e-CONTENT DEVELOPMENT** organized by Avinashilingam School of Management Technology at Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore from 18.01.2018 to 20.01.2018.
- Participated in Science Academies’ Lecture workshop on “**Recent Innovations in Chemical Sciences and Technology**” organized by the Post Graduate and Research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore, Tamilnadu on 8th and 9th February 2018.

- Participated in “**WORKSHOP ON E-CONTENT DEVELOPMENT**” organized by Nallamuthu Gounder Mahalingam College, Pollachi on 11th April 2018.

Dr. M.Amutha

- Participated in “**Workshop on E-Content Development**” organized by Nallamuthu Gounder Mahalingam College, Pollachi on 11th April 2018.
- Attended **DST-CURIE** Sponsored One – day training programme on “ **Field Emission Scanning Electron Microscope**” [FE SEM] at Avinashilingam Institute for Home Science and Higher Education for Women, Deemed to be University, Coimbatore on 25.05.2018.

STUDENTS ACTIVITIES

Participation in various intercollegiate competitions

- Ms. P. Sathiyapriya (2015-2018 batch) received first prize in ChemPower (PPT presentation) in “CHEMFUSION 17” held at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore during 17th August 2017.
- R. Asif Ismail and P. Prasaddh received second prize in Chem Puzzle “CHEMFUSION 17” held at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore during 17th August 2017.
- Ms. P. Sathiya Priya, Ms. K. Nandhini, Ms. B. Indhumathi, Mr. N.Natarayan, Mr. R. Asif Ismail, Mr. P. Jeevanantham, Mr. T. Peroli, Mr. B. Sharvesh, Mr. P.Prasaddh and Mr. T. Raj Prakash have participated various events in “CHEMFUSION 17” held at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore during 17th August 2017.

Participation in various Co/Extra-Curricular intracollegiate events

- Ms. M. Annapoorani has participated in district level Hand Embroidery Workstation conducted jointly by NGM College and Four Flames Art Club, Chennai during 8th August 2017.
- **Ms.P.Swathi** of II B.Sc., Chemistry, has participated and **won** in the 40th Senior Throwball Championship held at Vijayawada, A.P.State from 24th to 27th December, 2017, representing Tamilnadu State Women team.

Participation in seminars, workshops and conferences conducted other than our department

- Ms. P. Sathiya Priya, Ms. K. Nandhini, Ms. B. Indhumathi, Ms. K. Sujitha Parveen, Ms. N. Shalini, Mr. N.Natarayan, Mr. R. Asif Ismail, Mr. P. Jeevanantham, Mr. T. Peroli, Mr. B. Sharvesh, Mr.S. Radhakrishnan, and Mr. T. Raj Prakash (2015-2018 batch) have participated in Science Academies Lecture Workshop on “Advances in Materials Electrochemistry” conducted at Kongunadu Arts and Science College during 21st and 22nd July 2017.
- Nearly ten students of our department have attended “Science Academies Lecture Workshop on “Prospects and Challenges in Animal Science” organized by the Department of Zoology, NGM College, Pollachi held during 7th and 8th September 2017.

Industrial Visit

- Department of Chemistry (UG), Final year students (2015-2018 Batch) visited **CENTRAL MARINE FISHERIES RESEARCH INSTITUTE**, Cochin from 13.10.2017 and 14.10.2017.
- Department of Chemistry (UG), First (2017-2020) and Second year (2016-2019) students visited **BENCHMARK Tea Factory**, Chocolate factory and Eucalyptus factory, Ooty on 03.02.2018.

Internship

- The following students K.Ranjith Kumar, R.Vasanth, K.Saravanakumar, S.Indhumathi, Reshmi Elsa Joseph, P.Swathi and R.Naveenkumar (2017-2020 Batch) have carried out their Internship Programme at **SHRI KRISHNA PAPERS PVT LTD, PUSHPATHUR(PO), PALANI(TK)** from 24.05.2018 to 09. 06.2018.