

Chemistry students' participation in the international conference

The Internal Quality Assurance Cell and the Post Graduate & Research Department of Chemistry, Jairams Arts and Science College, Attamparappu, Karur, Tamil Nadu state conducted a two day international conference entitled "Recent trends in Mathematical Chemistry and Material Science" (ICRTMCMS'2K25) on 07th and 08th February 2025 in the College campus. The subthemes of the conference were nano science, chemical engineering, electro chemistry, pharmaceutical science, green chemistry, organic chemistry, group theory, Analysis of algebra, functional and numerical, quantum mechanics, commutative field theory, differential equations, number theory in everyday life, material science, crystallography, etc.,

Dr. Balamurugan Jayaraman, Research Assistant Professor, National Creative Research Initiative Centre for Multi Dimensional Directed Nanoscience Assembly, Department of Material Science and Engineering, Korea Advanced Institute of Science and Technology, Republic of Korea, Dr. A. Thangamani, Associate Professor & Head, Department of Chemistry, Karpagam Academy of Higher Education, Coimbatore, Dr. R. Malarvizhi, Assistant Professor in Mathematics, PG & Research Department of Mathematics, Arignar Anna Government Arts College, Namakkal and Dr. K. Sakthipandian, Professor of Physics, SRM TRP Engineering College, Research Coordinator, SRM Group of Institutions, Trichirappalli were the resource persons.

On behalf of Trinity College for Women, Namakkal, the following 17 students of M.Sc. Chemistry actively took part and nine students presented their research papers in that conference.

S.NO	Name of the Student	Title of the Research Paper
1	Ms. M.Akshaya Second Year M.Sc., Chemistry	Biosynthesized NiO Nanoparticles exhibited a significant antibacterial and antimicrobial activity using plant extract of <i>centella asiatica</i>
2	Ms. Sri.Anupama Naamagiri Second Year M.Sc., Chemistry	Harnessing <i>Ficus racemosa</i> for the Green Synthesis of Chromium Oxide Nanoparticles with Antifungal Properties
3	Ms. S.Divya Second Year M.Sc., Chemistry	Green Synthesis of Copper Oxide (CuO) Nanoparticles Using plant extract of <i>Manihot esculenta</i>

4	Ms. A.Nandhini Second Year M.Sc., Chemistry	Synthesis Of Cerium Oxide Nanoparticles Using <i>Carissa Carandas</i> Leaf Extract : A Novel Approach to Antidiabetic Applications
5	Ms. S.Rashika Second Year M.Sc., Chemistry	Green Synthesis of Manganese Dioxide(MnO ₂) Nanoparticles by <i>Eclipta Prostrata</i> : A Biogenic method to Mosquito Larvicidal Applications
6	Ms. S.Revathi Second Year M.Sc., Chemistry	Ecological synthesis of Cuprous Oxide (Cu ₂ O) Nanoparticles Using <i>Michelia Champaca</i> and their Antibacterial Activity
7	Ms. C.Sandhiya Second Year M.Sc., Chemistry	Sustainable synthesis of Zirconium Oxide (ZrO ₂) Nanoparticles by <i>Solanum Trilobatum</i> and Their Antifeedant Activity
8	Ms. K.Suvasri Second Year M.Sc., Chemistry	Antioxidant properties of green synthesised magnesium oxide nanoparticles by using plant extracts of <i>Mentha</i>
9	Ms. G.Vineha Second Year M.Sc., Chemistry	Green Synthesis of Bismuth Oxide (Bi ₂ O ₃) Nanoparticles Using <i>Achyranthes Aspera</i> : A Novel Antifungal Agent
10	Ms. U. Devapriya, First Year M.Sc., Chemistry	Actively participated
11	Ms. S.Gowsika, First Year M.Sc., Chemistry	Actively participated
12	Ms. R.Thrisha, First Year M.Sc., Chemistry	Actively participated
13	Ms. J.Sobiya, First Year M.Sc., Chemistry	Actively participated
14	Ms. L.Priya, First Year M.Sc., Chemistry	Actively participated
15	Ms. T.Preethi, First Year M.Sc., Chemistry	Actively participated

16	Ms., M.Naveena, First Year M.Sc., Chemistry	Actively participated
17	Ms., G.K.Kokilavani, First Year M.Sc., Chemistry	Actively participated

It is proudly noted that our College got the best poster presentation award from the organizing committee of Jairams Arts and Science College, Karur.

All the above said 17 participants are greeted by Mrs. Aruna Selvaraj, Executive Director, Dr. M.R. Lakshiminarayanan, Principal, Dr. Arasuparameswaran, Coordinator – Silver Jubilee Celebrations, Mr. N.S. Senthilkumar, Administrative Officer, Dr N. Thangamani, AP & HOD of Chemistry and the faculty of Chemistry Mrs. V. Indirakumari, Dr. S. Anidha, Dr.S. Kalaivani, Ms. M. Rineesha, Ms. K.L. Priyadharshini and Mrs. G. Mahesh.