

QUEEN MARY'S COLLEGE (AUTONOMOUS), CHENNAI 600 004
DEPARTMENT OF MATHEMATICS

Two Day National Seminar on Advances in Algebra and Analysis, NSOAAA 2020
30th and 31st January 2020 - A Report

The Department of Mathematics has successfully conducted the *Two Day National Seminar on Advances in Algebra and Analysis* on 30th and 31st January 2020 sponsored by Tamil Nadu State Council for Higher Education (TANSCHÉ) and Tamil Nadu State Council for Science and Technology (TNSCST). The Seminar was inaugurated by **Thiru.K.Vivekanandan I.A.S**, Member Secretary, (TANSCHÉ) and presided over by **Dr. S. Santhi, Principal**, Queen Mary's College, Chennai. **Dr. R. Srinivasan, Member Secretary**, (TNSCST) and **Dr. A. Uma Maheswari, Research Officer**, (TANSCHÉ) felicitated the function. **Dr.V.Vetrivel, Professor**, Department of Mathematics, IIT Madras, Chennai delivered a keynote address on "Variational Inequalities". "Proceedings of the *Two Day National Seminar on Advances in Algebra and Analysis* NSOAAA 2020" was released.

There were six Plenary Lectures by Eminent Professors from renowned Institutions.

Eminent Professors	Title of the Talk
Dr. P. Veeramani Professor (Retd.), Department of Mathematics, IIT Madras, Chennai.	On some problems related to fixed point theory of non-expansive mappings and best proximity point theorems
Dr. P. Sivaramakrishna Das Professor, Department of Mathematics, KCG College of Technology, Chennai	Fuzzy sets & soft sets
Dr.T.Duraivel Professor and Head, School of Mathematical Sciences Pondicherry University Pondicherry	Generalizing prime filtration of modules over noetherian rings

<p>Dr.Ramesh Kasilingam Assistant Professor, Department of Mathematics, IIT Madras, Chennai, Tamil Nadu</p>	<p>Smooth spheres :its past, present, and future</p>
<p>Dr. Bakkyaraj Thangarasu Assistant Professor &HOD, Department of Computational Science and Humanities, Indian Institute of Information Technology, Kottayam, Kerala.</p>	<p>Invariance of differential equations under one parameter lie point transformation groups</p>
<p>Dr. G. Puthilibai Professor & Coordinator IPR Cell,Department of Chemistry, Sri Sairam Engineering College, Chennai</p>	<p>Patenting in Algebra</p>

Dr.Indra Rajasingh, Professor and Dean, School of Advanced Sciences, VIT, Chennai, delivered a special talk on “**Research and Publication Ethics**” during valedictory. There were more than 200 participants including participants from other states. There were 3 parallel sessions in which 46 participants have presented their research work which were judged by Eminent professors in the field. Best papers and best paper Presentation were awarded. Overall the seminar was a fruitful one for the teaching Faculty as well as the Research scholars.

Dr.M.Vijaya, Associate Professor and Head, Department of Mathematics was the convenor where as **Dr.P.Vasanthi Beulah, Assistant Professor** was the co-convenor, **Mrs.T.Premalatha and Dr.R.Hemavathy , Assistant Professors** were the Organizing Secretaries.