

REPORT OF THE SEMINAR

TITLE : Exploring the Scope of Plant Science – ESPS 2020

DATE :9& 10January 2020.

VENUE: G.J. HALL

The Post Graduate and Research Department of Botany of Queen Mary's College organized 2 day **National Seminar entitled 'Exploring the Scope of Plant Science- ESPS 2020'** on 9th and 10th January 2020. The seminar aims to bring together innovative academicians, researchers and industrial experts in the field of Botany, to the common forum, for the constructive discussion on theoretical concepts and practical ideas to promote green revolution, plant conservation and also traditional values of medicinal plants.

The inauguration started with the welcome address by the **Principal Dr.S.SANTHI**, followed by the briefing about the scope of the seminar by Dr. S. Karpagam, Associate Professor and Head of Botany, Queen Mary's College.

The souvenir of the seminar was released by the chief guest **Dr. R. Ramanan, Joint Director of Collegiate Education, Chennai region** and in his inaugural address highlighted the importance of recent science and explained about various fields of Botany. The inaugural address was followed by the key note address by **Dr.K.R. Umadevi, scientist, National Institute for research in Tuberculosis, Chennai**, on the topic of *"Tuberculosis - past and present"*. **Dr. T. V. Poonguzhali, Associate Professor of Botany**, extended the vote of thanks and expressed her gratitude to one and all for gracing the inaugural session with their presence.

In the first technical session **Dr.M.N.Abubacker, Associate professor and Head of Biotechnology, National College, Trichy**, delivered a special lecture on *"Phytoremediation of heavy metals by wetland plants- ecofriendly approach"* followed by paper presentation I. In the second technical session **Dr.V.P.SOBHA KUMARI, Principal Scientist, ICAR-Sugarcane Breeding Institute-Coimbatore**, delivered a special lecture on *"Advances in plant cytogenetics"* followed by the paper presentation II. The third technical session began with a special lecture on 'Marine algae-food for health' by **Dr. N. BALUSAMY, Retd. Associate professor and Head of Madras Christian College** and **Dr.N.K.Udhayaprakash, Associate professor of VELS INSTITUTE OF SCIENCE**, entitled on *"Aerobiology: its current scenario"*. It was followed by paper presentation III. In the fourth and final session **Dr.R.PACHAIAPPAN, Associate professor of SRM UNIVERSITY** delivered a special lecture on *"Integrated proteomics and metabolomics approaches: status and prospects"*. It was followed by paper presentation IV.

The sessions witnessed the participation of delegates including academicians, researchers, scientists from various institutions around the country. The seminar created a lot of information in the field of research which was reflected in the form of **119 abstracts** received from various colleges and research institutions. During the seminar, there were 4 technical sessions and papers were presented by the research scholars. The number of participants were 278.

Valedictory function was presided by the chief guest **Dr.K.PANDIAN, Controller of Examinations, University of Madras**, and delivered the valedictory address. Best paper award was given for one best presentation from each Paper presentation session. Finally, **Dr.R.SRIDHARAN, Professor of Botany** proposed the vote of thanks. The 2 day national seminar concluded with National Anthem.

