

## Summer School on Advances in Medicinal and Aromatic Plants Research

(14<sup>th</sup> July to 3<sup>rd</sup> August, 2015)

ICAR-Directorate of Medicinal and Aromatic Plants Research (DMAPR) organized ICAR sponsored summer school on “**Advances in medicinal and aromatic plants research**” from 14<sup>th</sup> July to 3<sup>rd</sup> August, 2015. Dr. P. Manivel, Principal Scientist (Plant Breeding), IACR-DMAPR was the Course Director and Dr. Smitha G.R. Scientist (Horticulture), IACR-DMAPR was the Course Coordinator.

Inauguration of this twenty one days training programme was organized on 14<sup>th</sup> July, 2015 at the ICAR-DMAPR. The function was chaired by Dr. Jitendra Kumar, Director, ICAR-DMAPR and Dr. K.B. Kathiria, Director of Research and Dean (PGs) was the chief guest. A training compendium comprising of training lectures was released during this inaugural session.

There are twenty five participants from different ICAR Institutes, CSIR Institutes, State Agricultural Universities and other traditional universities participated in this training. They are researchers, scientists, Assistant Professors and Associated Professor cadres. They all represented from different states namely Gujarat, Rajasthan, Karnataka, Tamil Nadu, Assam, Arunachal Pradesh, Uttarakhand, West Bengal, Maharashtra, Andhra Pradesh and Sikkim.

During the 21 days both theory and practical classes related to various aspects of medicinal and aromatic plants like conservation, biodiversity management, crop production, crop

protection, breeding, biotechnology, post harvest management, value addition, seed standards & testing protocol, medicinal plants in *Ayurvedic* system, phytochemistry including extraction and analysis of phytochemicals, advanced Chromatographic techniques and Spectroscopy, micro and nano emulsion formulations, nanotechnology, development of formulations of botanicals, Geographical Information System, business opportunities and capacity building, livelihood security, marketing and supply chain, quality control & certification, farm mechanization, extension, intellectual properties, PPVFRA and DUS etc. were covered.

These deliberations were carried out by experts from ICAR-DMAPR, Anand Agricultural University, S.P. University, *Ayurvedic* colleges, ICAR-IARI, Private organizations and NGO's. Apart from these, various visits were organized for the participants at progressive farmers' field, Anand Agricultural University, NDDB, G.J. Patel *Ayurveda* College & Research Centre, Dhanvantari, Gujarat State Forest Development Corp. Ltd., Vadodara, AMUL diary, Private firms and NGO's.

Valedictory function was organized during 3<sup>rd</sup> August, 2015 in the presence of **Professor Harish Padh**, Honorable Vice Chancellor of S.P. University, Vallabh Vidyanagar and **Dr. K.P. Patel**, Principal and Dean, B.A. College of Agriculture, AAU and **Dr. Jitendra Kumar** Director – DMAPR, Dr. P.

Manivel, Principal Scientist (Plant Breeding), IACR-DMAPR, Course Director, Dr. Smitha G.R. Scientist (Horticulture), IACR-DMAPR,

Course Coordinator and participants. All the dignitaries distributed the certificates to the participants of the summer school.



(Source: AKMU, ICAR-DMAPR, ANAND)