Content

Chief Patron		viii
Acknowledgements		x
About Editors		xi
VC Messages		xii
List of Contributors		xvi
Author's Index		xxi

Sl	Paper Title	Page No.
	Session-I Value Addition in Traditional Crops	
1	**A Possible Toxicant for the managing of Storage Mycoflora: Hyptis Suaveolens** Dr. Madhu Prakash Srivastava	1-10
2	**Response of mulberry saplings grown in metal inoculated medium** Navreen Farooq, M. F. Baqual , M. R. Mir, A. A. Khan, T. A. Raja, Javid Ahmed and A. S. Kamili	11-20
3	**Comparative assessment of divergence analyses among indian mustard genotypes under climatological drought condition** Khushboo Chandra, Anil Pandey and S. B. Mishra	21-24
4	**Fuzzy based Decision Support System for Protective Irrigation Management** M. U. Kale, M. K. Dhote, S. B. Wadatkar	25-30
5	**Commercial production of Vetiver in Bag method of planting – A new innovation** Raviprasad Sajjan. M., Venugopal. C.K., Mokashi. A.N., Chandranath. H.T., Balachandra. K. Naik.	31-35
6	**Technology Integration for doubling Farm Income through Participatory Research and Extension Approaches in Jodhpur District of Rajasthan** Garbar Singh, Poonam Kumari and Dr. Ishwar Singh	36-45
7	**Growth and development of shoots and roots as affected by different mulches and growing environment in strawberry cv. Winter Dawn** Swapnil Pandey, Girja Shanker Tewari , Jitendra Singh and Vishal Nath	46-52
8	**Phytochemical screening and antibacterial activity of aloe barbadensis miller leaf extract** S. P. K. Malhotra and T. K. Mandal	53-59
9	**Fluorescent Microscopy Studies in Interspecific Crosses of Sesame** Vikas V. Kulkarni, Shankergoud I. Salimath P.M. and Supriya S.M	60-64
10	**Sensory acceptability of value added kadhi using fresh green chickpea** Priyanka and Saroj Dahiya	65-68

11 **Identification & determination of specific properties of Phyllospheric Bacterial isolates of Pigeon pea**
Rajan Kumar Ojha and Sudhir Kumar Jha 69-77

12 **Low Yield of Pearl millet due to Parasitic Weed Striga**
Hrish Kumar Rachhoya 78-81

13 **Methods of evaluating mulberry leaf and silkworm breeds**
Zia.H.Rufaie, M.F.Baqual, Afifa.S.Kamili & R.K.Sharma 82-93

Session-II Climate Change & Agriculture

14 **Geoexchanger System for Buildings Heating and Cooling**
Abdeen Omer 94-103

15 **Dimensions of Work Participation by major Occupation Groups In Palakkad District of Kerala with special Reference to Main workers**
M. Dhanusree and G Bhaskaran 104-109

16 **Molecular characterization of rice (Oryza sativa L.) genotypes in relation to salt stress tolerance using microsatellite (SSR) markers**
Bibha Rani and V.K.Sharma 110-127

17 **Crop Planning under Rainfed Condition for Yavatmal Taluka using Agroclimatic Approach**
M. S. Supe, S. M. Taley 128-133

18 **Energy and Sustainable Development: Socio-economic of Implementing New Technologies**
Abdeen Mustafa Omer 134-140

19 **Seed germination behaviour as influenced by physical and chemical treatments in Zizyphus rotundifolia (Lamk.) in Bundelkhand region (U.P.) India**
Neel Ratan, R.K. Gupta and U.N. Singh 141-145

20 **Assessment of soil and study of physico-chemical properties of soil, block Pantnagar, District Udham Singh Nagar, Uttarakhand**
Girja Shanker Tewari, Swapnil Pandey, Tarence Thomas, Arun Alfred David and Ramesh Chandra 146-148

21 **Significance of Biotechnology towards Mitigating Initiatives for Changing Climatic Scenario in Agriculture**
Subaran Singh, Supriya Ambawat, Ummed Singh and B.S. Rajpurohit 149-153

22 **Appraisal of land resources to assess climate change impacts for rainfed groundnut (Arachis hypogaea L) production potential in Pulivendula tehsil, YSR Kadapa district, Andhra Pradesh, India**
B.P.Bhaskar, Sunil Maske, S.C.Ramesh Kumar, V. Ramamurthy, S.Srinivas and Rajendra Hegde 154-169

23 **Mitigation of abiotic stress in crops through plant bio-regulator (PBRs)**
Raj Bahadur, Priyanka Rajpoot and P. K. Singh 170-187

24 **Bio-pesticides- a new era for controlling spider mite (*tetranychus urticae koch*) infesting eggplant (*solanum melongena*) and environmental sustainability**
Sunil Kumar Ghosh 188-194