CHAPTER 4

BOTANY

Doctoral Theses

025. ALOK KUMAR
   Characterization of an Organic Solvent Tolerant Lipase from an Antibiotic, Organic Solvent and Heavy Metal Resistant Soil Bacterium Acinetobacter sp. AHMI
   Supervisor: Prof. Ved Pal Singh
   Th 21264

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026. BALI (Sapinder)
   Development of DNA Markers and a Genetic Linkage Map in Beveragial Tea.
   Supervisors: Dr. Shailendra Goel and Prof. S.N. Raina
   Th 21114

   Contents

027. BHARDWAJ (Ankur R.)
   Genome-wide Discovery and Profiling of Development and Stress Related Non-coding and Coding RNAs from Brassica Juncea
   Supervisor: Dr. Manu Agarwal
   Th 21112

028. CHAUHAN (Vibha)

*Systematics of the Genus Indigofera L. (Tribe Indigofereae, Fabaceae) in India with Emphasis on Trifoliolate Group.*
Supervisor : Prof. Arun K. Pandey
Th 21118


029. MANGLA (Yash)

*Reproductive Biology and Identification of Male-specific SCAR Marker in Hippophae Rhamnoides L.*
Supervisor : Dr. Rajesh Tandon
Th 21113


030. MAYANGLAMBAM LELEEKA DEVI

*Studies on Three Species of Podostemaceae with Reference to Morphology, Reproductive Biology, In-vitro Seed Germination and Ecology.*
Supervisor : Dr. P.L. Uniyal
Th 21115

031. MUKHERJEE (Soumya)  
Salt Stress-Induced Biochemical Changes Associated with Seedling Growth in Sunflower.  
Supervisor: Prof. S.C. Bhatla  
Th 21263

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032. RAXWAL (Vivek Kumar)  
Landscape of Open Chromatin in Abiotic Stresses and Characterization of Genome wide Binding Targets of HSFA7 Family Members in Arabidopsis Thaliana.  
Supervisor: Dr. Manu Agarwal  
Th 21119

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033. SACHIN KUMAR  
Characterization of Phytoplasma from Diverse Host Plants with Special Emphasis on Phyllody Affected Sesame (sesamum Indicum L.) and Studies on Aspects of Symptom Development: A Molecular and Bioinformatic Approach.  
Supervisor: Prof. Suman Lakhanpaul  
Th 21121

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healthy and phyllody affected sesame plants 7. Identification of secretory proteins in Onion Yellows phytoplasma genome and the putative function of selected proteins using bioinformatics 8. Summary and conclusions. References. Annexure

034. SARITA KUMARI
Analyses of Genetic and Pathogenic Variation Among Botrytis Cinerea Isolates
Supervisor : Dr. Rupam Kapoor
Th 21120

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035. SUBRAMANIAM (Shweta)
Systematics, Evolution and Biogeography of the Genus Crotalaria L.
Supervisor : Prof. Arun K. Pandey
Th 21116

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036. THAKUR (Anita)
Physiological and Biomolecular Events Associated with Seed Development in Sunflower.
Supervisor: Prof. S.C. Bhatla
Th 21265

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037. THAKUR (Pratibha)
Reproductive Biology and Genetic Diversity of Lumnitzera Racemosa Willd. (Combretaceae) - An Endangered Mangrove Species.
Supervisor: Prof. A K Bhatnagar
Th 21117

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M.Phil Dissertations

038. AFTAB HASAN
Supervisor: Dr. Ratul Baishya

039. AMIT KUMAR
Effects of Different Plantations on Soil Properties.
Supervisor: Prof. K. S. Rao

040. EKTA
Ecological Study of the Delhi Ridge Forest Ecosystem.
Supervisor: Dr. Ratul Baishya

041. GUPTA (Mithilesh Kumar)
Isolation and Characterization of Fatty Acid Desturases From Pinus Spp.
Supervisor: Dr. Girish Mishra
042. KAVITA DEVI
Transcription Factors Regulating Epicuticular Wax Formation: An Evolutionary Analysis.
Supervisor: Prof. R. Geeta

043. MISHRA (Priya)
Studies on Morphoanatomical Variation in Populations of Taxus Wallichiana Zucc. in Western Himalaya.
Supervisor: Dr. P. L. Uniyal

044. MISHRA (Shivani)
Assessment of Algal Diversity of the Cold Desert, Landakh and their Potential Applications.
Supervisor: Prof. S. C. Bhatla

045. NEGI (Priyanka)
Cultural Morphological & Molecular Characterization of Alternaria Carthami Isolates Causing Leaf Spot Disease of Safflower.
Supervisor: Dr. Rupam Kapoor

046. SAKET (Rupa)
Studies in Leaf Development with Special Reference to Ficus.
Supervisor: Prof. R. Geeta

047. SINGH (Nutan)
Studies on the Diversity of Mosses in North Sikkim.
Supervisor: Dr. P. L. Uniyal

048. SINGH (Swati)
Comparative Transcriptional and Translational Analysis of N-MYC Downregulated Like (NDL) Gene Family in Arabidopsis.
Supervisor: Prof. R. Geeta

049. TASHI ANGMO
Study of Algal Diversity from Selected Lakes of Ladakh and their Applications.
Supervisor: Prof. Dinabandhu Sahoo

050. TOMAR (Vatsala)
Supervisor: Prof. Ved Pal Singh