CONTENTS

Code	Title and Author	Page No.
IL-01	Probiotics: The Health Improving Microbes of Future RC Dubey	1-2
IL-02	Biotechnology and Pharmaceutical Industry S Saraf	3
IL-03	Pollen Grains as Sustainable Material for Research in Advanced Technology Surekha Kalkar	4
IL-04	Structural and Functional Genomic Interventions in the C4 Model, Foxtail Millet (<i>Setaria italica</i> L.) Towards Enabling Climate Resilient Agriculture Manoj Prasad	5
IL-05	Role of Nitric Oxide in Managing Chromium (VI) Toxicity in Vegetables by Application of Calcium and Sulfur Sheo Mohan Prasad	6
IL-06	OJIP Fluorescence Transient for Analysis of Biotic and Abiotic Stress Effects in Plants PK Mohapatra	7
IL-07	Experimental Studies on the Possible Mechanisms Involved in Testing the Herbal Medicines Used for the Treatment of Sickle Cell Anaemia LVKS Bhaskar	8
IL-08	Selective Protocols for In Vitro Propagation and Secondary Metabolite Production of Some Important Medicinal Plants of Madhya Pradesh YK Bansal	9
IL-09	Role of Surfactants on Amyloid Fibrillation Rizwan Khan	10
IL-10	Indian SubContinent, A Treasure Trove of Biodiversity- Present Status and Future Strategy RLS Sikarwar	11
IL-11	Genomic Approaches for Genetic Improvement of Rice for Rainfed Ecosystem – Presion Phenotyping and Genotyping Satish Verulkar, Sunil Verma, Shubha Banerjee, Rashmi Upadhyay, Mayur Wallalwar, Helan	12-13
IL-12	Baby Thomas, Toshy Agrawal, Narendra Chavan Pollen/Spore Allergy and Allergen Biology in India Kashinath Bhattacharya	14
IL-13	Quorum Sensing at the Crossroad of Inter-Kingdom Signaling Vishnu Agarwal	15
IL-14	Regenerative Medicine: A Hope for Future Medical Practice PK Patra	16
AB-01	Chlorella vulgaris and Spirulina platensis Assisted Bioremediation of Heavy Metal Contaminated Aquatic Ecosystem Avinash R Nichat, SA Shaffi, VK Kakaria	17
AB-02	Bioremediation of Pesticide and Selected Heavy Metals from Various Sources using Microalgae Divya Agrawal, Wasim Khan, Veena Thakur	18
AB-03	Horizontal Subsurface Flow Constructed Wetland Model for the Purification of Water Garima Madhariya, Pramod Kumar Mahish	19
AB-04	Evaluation of a Native Tree- <i>Dalbergia sissoo</i> roxb. for Dendroremediation of Lead Inderpal Kaur	20
AB-05	Changes in Biochemical Aspects of Two Leguminous Plants under Lead Stress Riya Kaushik, Afaque Quraishi, Amit Kumar Dutta	21
AB-06	Bioremediation: a Sustainable Approach for Remediation of Heavy Metal Pollution	22
AB-07	Vinita Sahu, Neetu Harmukh Indian Distilleries: Problems and Prospects of Decolourization of Waste Effluents Sanjay Patel, Akhlesh Kumar Pandey	23

AB-08	Biological Degradation of Plastic Sudha Porte, Veena Thakur	2
AB-09	C. rodmanii for Efficient and Economical Treatment of Eichhorina crasspies	25
	(Water Hyacinth)	
AB-10	Vikas Ranjan, Radhika Sharma, Arunima Sur Microbial Consortium: An Alternative Strategy to Combat Xenobiotic	26
110 10	Compounds	20
1D 11	Yasmin Hussain, Vinita Thomas	27
AB-11	A Representation Transfer Learning Approach for Enhanced Prediction of Growth Hormone Binding Proteins	27
	Amisha Yadav, Roopshikha Sahu, Abhigyan Nath	
AB-12	Epigenetics: Nature versus Nurture	28
AB-13	Ankita Rathi, Keshavkant Sahu, SK Jadhav Development of Triglycerides Detection Kit Using Nanoparticle-Lipase	29
AD-13	Immobilized System	29
	Anushri Sharma, Muskan Chawla, Roshan Naik, Simmi Chawda, Reecha Sahu	
AB-14	Physiochemical Analysis of Pond Water in Raipur City, Chhattisgarh	30
AB-15	Arpan Dey, VP Roy Nitric Oxide and its Role in Reproduction	31
112 10	David Sonwani, Saikat Biswas	
AB-16	Ferret Out a Natural Bio-Pesticide: <i>Ophicordyceps nutans</i> in Central India	32
	and Its Interaction Analysis with Tree Stink Bug Jai Shankar Paul, Esmil Beliya, SK Jadhav, Afaque Quraishi, ML Naik	
AB-17	General Household Insect Pest	33
. =	Jharana Rani Nag	2.4
AB-18	Total Serum Protein Estimation and Hemoglobin Electrophoresis in Sickle Cell Anaemic Patients of Chhattisgarh	34
	Kavita Patel, GK Sahu, PK Khodiar	
AB-19	Multispectral Remote Sensing Based Vegetation Characterization in the	35
	States of Haryana and Punjab Neerav Sharma, Kavita Sharma	
AB-20	Nanotechnology and Its Application in Cancer Treatment	36
	Kusum Yadav, Lokeshwar Verma, Keshaw R Aadil	
AB-21	To Study the Distribution of Arthropods in Indoor and at the Premises of	37
	Homes of Inhabitants of Chhattisgarh Kusum Yadav, Ajay James, Veena Sahu, Veenu Joshi, Babita Pande	
AB-22	Applications of Chronotherapy in Medical Sciences in India	38
AD 22	PL Manasa, B Pandey	20
AB-23	Role of Scavengers and the Growing Need of their Conservation Mamta Patel	39
AB-24	A Review on Important Medicinal Plants in Surguja & Jaspur District of	40
	Chhattisgarh	
AB-25	Deepti Tiwari, Sangeeta Singh, Arpan Dey Analysis of Antisickling Properties of Sorghum bicolar	41
110 25	Mukesh Kumar Kurre, Suneeta Patra, PK Patra	11
AB-26	Use of Biosensors for Diagnosis of Diabetes	42
AB-27	Pallavi Patro, Richa Singh, Deepali Rajwade Myconanotechnology: Towards Green Chemistry	43
112 21	Purnima Seth	
AB-28	Electrophoretic Analysis of Serum Protein and Lipid Profiling in Nephrotic	44
	Syndrome Patients of Chhattisgarh Rashi Pal, GK Sahu, PK Khodiar	
AB-29	Estimation of Maximum Recommended Therapeutic Dose of Antiretroviral	45
	Drugs Using Diversified Sampling and Varied Descriptors	
AB-30	Roopshikha Sahu, Amisha Yadav, Abhigyan Nath Sequence Similarity of Human Prodynorphin with Other Mammals	46
AD-30	Ruchi Dakliya, Pramod Kumar Mahish	70
AB-31	Allergy Causing Aeromycoflora and Allergy Diseases of Raipur City	47
AB-32	Shahla Khan, VK Kanungo, SK Jadhav Increasing Cancer in India and their Effects, Reasons and Precautions with	48
ΔD-32	Help of Advancement in Biotechnology	70
	Sakshi Sinha, Sonal Meshram, Priya Singh, Nitin Banjare, Sajal Saju Deo	

AB-33	Nanobioremidiation: A Review Sangita Sharma, Kaushilya Sahu	49
AB-34	Investigation of Insertion/Deletion Polymorphism in Angiotensin I Converting Enzyme Among Jain Community of Chhattisgarh	50
AB-35	Shaila Mukherjee, Ashok Kumar Pradhan Health and Environmental Effects of Particulate Matter (PM) – A Prospective	51
AB-36	Siddhant Singh, Sadhana Jaiswal, Preeti Mehta The Use of Bio Stimulants for Enhancing Nutrient Uptake	52
AB-37	Sireesha Obinidi, Tripti Kashyap, Jai Godheja, Rupesh Thakur Bioinformatics and Biotechnology	53
AB-38	Sumeru Singha Human Exposure to Toxic Metals in Commonly Used Personal Care Products	54
AB-39	Shubhi Chhabra, Sakshi Hardaha, Deepali Rajwade Assessment of the Dye Removal Capability of Aquatic Plants Tarinee Sahu, Satish Kumar Sen	55
AB-40	Pharmacological and Ethnomedicinal Uses of Genus Croton: A Review Vinod Kumar, Veenu Joshi, Suneeta Patra, SK Jadhav	56
AB-41	Generation of Bioelectricity from Soil through Microbial Fuel Cells Alka Kaushik, Kiran Thakur, Shailesh Kumar Jadhav	57
AB-42	Feasibility of Biohydrogen Production from Rice Mill Effluent Using Defined Microbial Co-culture Veena Thakur, SK Jadhav, KL Tiwari	58
AB-43	Production of Green Energy 'Bioethanol' from Agro-Waste Dristi Verma, Shubhra Tiwari, Esmil Beliya, Jai Shankar Paul, Shailesh Kumar Jadhav	59
AB-44	Study of Various Physical Pretreatment Methods of Deoiled Rice Bran for Bioethanol Production	60
AB-45	Esmil Beliya, Shubhra Tiwari, Jai Shankar Paul, SK Jadhav Biogas Production by <i>Spirulina</i> Isha Baghel, Alpana Adil	61
AB-46	Chara Species as Biofuel Implications due to Fatty Acid Composition Meenakshi Bharadwaj, Awadhesh Kumar Shrivastava, Ranjana Shrivastava	62
AB-47	Effect of Chemical and Biological Pre-Treatment on Bio-hydrogen Producing Bacteria <i>Enterobacterludwigii</i> Strain IF2SW-B4 Mona Tandon, Tiwari KL, Jadhav SK	63
AB-48	A Review on Next Generation Biofuel Prerna Avchat, Gulshan Kumar, Arpan Dey	64
AB-49	Isolation and Screening of Indigenous Electrogenic Bacteria for Bioelectricity Production Using Kitchen Waste as a Substrate. Preeti Parihar, SK Jadhav	65
AB-50	Production of Bioelectricity from Various Wastewaters Using Native Anode Reducing Bacteria	66
AB-51	Reena Meshram Anant, Shailesh Kumar Jadhav In-Vitro Micro Propagation of Bamboo (Bambusa balcooa) Through Tissue Culture	67
AB-52	Ritesh Kumar Sahu, Shambhu Ram Khare, Zenu Jha Electricigens in Anode of Microbial Fuel Cells	68
AB-53	Smaranika Dhar, Roshan Kumar Naik, Sudhir, Bala Subramanium Microbial Fuel Cell Technology	69
AB-54	Sudakshina Tiwari, SK Jadhav, Nagendra Chandrawanshi Biodiversity of Aflatoxin Producing Fungi Associated with Ground Coriander (Indian Spice)	70
AB-55	Anjali Dongre Diversity of Soil fungi in Protected Forest of Balod, Chhattisgarh, India	71
AB-56	BM Lall, Bharti Mandavi Ecological Study of Natural Grassland of Durg District	72
-	Pratiksha Pandey Mould Biodiversity of Cultivated Edible Mushrooms with Special Reference	73
AB-57	to <i>Agaricus</i> sp. and <i>Pleurotus</i> sp. Femina Sobin	

4 D 50		7.4
AB-58	Study of Insect Diversity as a Pollution Indicator in Forest Dwelling River	74
	Shankhani of Bastar, India	
	Majid Ali, Kanti Chaubey, Anil Kumar	
AB-59	Diversity of Herbs in Mainpur Block of District Gariyaband, Chhattisgarh	75
	Gulab Chand, Gaurav Nag, VK Kanungo	
AB-60	Green Audit: An Important Tool for Mapping of Biodiversity and its	76
	Conservation	
	Neetu Harmukh, Vaibhav Acharaya, Aruna Shristava, Richa Tikriha, Vinita Sahu, Gautami	
	Bhatpahri	
AB-61	Diversity of Medicinal Plant in Mainpur Region of Gariyaband District of	77
	Chhattisgarh	
	Omprakash Deshmukh	
AB-62	Biodiversity of Wood Decaying Fungi (Polypores) in Wood Depot of Durg	78
	Shukla P, Shanthi	
AB-63	Ecodiversity Study of Algae of Lonar Crater Lake	79
	Rafiullah M Khan, Milind J Jadhav	
AB-64	Isolation of Endophytic from <i>Careya sp</i> .	80
112 01	Aditi Gupta, Samay Tirkey, Kamlesh Shukla	00
AB-65	Isolation of Industrial Important Bacteria from Soil and Study their Different	81
1112 00	Biochemical Characteristics	01
	Diksha Banerjee, Ananya Sharma, Neha Upadhyay, S Keshavkant, SK Jadhav	
AB-66	Effect of different Minerals on the Exopolysaccharide Production and its	82
AD-00	* *	62
	Antioxidant Activity of <i>Pleurotus florida</i>	
AD 65	Anjali Kosre, SK Jadhav, NK Chandrawanshi	02
AB-67	Botulinum Toxin - Miracle Poison	83
AD (0	Ayushi Agrawal, Papiya Chatterjee, Arunima Sur	0.4
AB-68	Direct and Indirect Role of Platelets in <i>Mycobacterium</i> Pathogenesis	84
A.D. (0	Charu Agrawal, Ishani Das, Avinash Sonawane	0.5
AB-69	Assessment of Lovastatin Production by Calocybe Indica (P&C) Using	85
	Submerged and Solid State Fermentation	
	Deepali, SK Jadhav, Nagendra Kumar Chandrawanshi	
AB-70	Silver Nanoparticles Loaded Lignin-Poly (Vinyl alcohol) Nanofiber and	86
	Their Antimicrobial Activity	
	Keshaw Ram Aadil	
AB-71	Studies on Industrially Important Enzymes Produced by Bacteria Isolated	87
	from Pine Rhizosphere Soil	
	Jyoti Ajwani, Rachna Tripathi, Balasubramanian V	
AB-72	Comparative In Vitro Assessment of Hydrocarbon Degradation Potential of	88
	Pleurotus ostreatus MP 5 and Pleurotus ostreatus MTCC 1804	
	Madhavi Tiwari, Ashish Saraf, Meghna Shrivastava	
AB-73	Molecular Docking Analysis of Bioactive metabolites Isolated from Fungi	89
1115 70	Meghna Shrivastava, Ashish Saraf	0)
AB-74	Evaluation of Biological Efficacy of the Various Agro Waste Products Used	90
	as Substrate for the Cultivation of <i>Pleurotus ostreatus</i>	70
	Dharmendra Kumar Verma, SK Jadhav, Nagendra Kumar Chandrawanshi	
AB-75	The Comparative Analysis of Protein and Probiotic Properties of Isolated	91
AD-73	Microorganism from Cooked Rice and Baasi (C.G. Traditional Food)	71
AD 50	Neha Jaiswal, Arun Patil, Shubha Banerjee, Khushboo Bhange	02
AB-76	Screening of Cost Effective Agro-Waste Substrate 'Rice Bran' for α-	92
	Amylase Production	
4 D ==	Nisha Gupta, Jai Shankar Paul, Shubhra Tiwari, Esmil Beliya, SK Jadhav	
AB-77	Isolation and Characterization of Fluoride Tolerant Bacteria: Potential	93
	Vehicle for Bioremediation	
	Priya Katiyar, S Keshavkant	
AB-78	Isolation and Screening of Thermophilic Fungi for Xylanase Production	94
	Rekha Gupta	
AB-79	Airborne Aspergillus at Some Rural Areas Adjoining to Raipur City	95
	Ritu Kunjam, VK Kanungo, SK Jadhav	
AB-80	Biodegradation of Low Density Polyethylene by Selected Fungus Species	96
	from Soil Samples of Bhilai, Chhattisgarh	
	Ruble Chandraker, Bhawana Pandey	

AB- 81	Indiation Commission and Outlimination of Lances Buddening Endaghair	97
AB- 81	Isolation, Screening and Optimization of Laccase Producing Endophyic	97
	Fungi from Paper Mill Effluents	
A D. 02	Sabiha Naz, Shaliendra Gupta, Tanushree Chatterjee	00
AB-82	Screening and Evaluation of Endophytic Fungal Isolates for Lead	98
	Biosorption Potential	
AD 02	Samiksha Sharma, Kishan Lal Tiwari, Shailesh Kumar Jadhav	00
AB-83	Algal Flora of Sugar Industry Waste Water Satish D Magar, Milind J Jadhav	99
AD 04		100
AB-84	Isolation and Screening of Laccase Producing Fungi from Soil Shikha Kaiwart, Veena Thakur	100
AB-85	Airborne <i>Penicillium</i> in the Atmosphere of Panabaras	101
AD-05	Shriram Kunjam, SK Jadhav	101
AB-86	A Review on Citric Acid Production from Fungus Species	102
AD-00	Shrishti Sharma, Ashish Saraf, Bhawana Pandey	102
AD 97	•	103
AB-87	Mushroom in Chhattisgarh: a Treasure of Bioactive Compounds Srishti Verma, Samay Tirkey, Kamlesh Shukla	103
AB-88	Median Effect Plot and Combination Index Isobologram Involved Analyses	104
AD-00	of Interactive Impacts of Insecticides and Metalloid on Dehydrogenase	104
	•	
	Activity Nistala Shweta, Jadhav Shailesh Kumar, Sahu Keshavkant	
AB-89	Studies on Endophytic Fungi isolated from Medicinal Plants of Katni	105
AD-07	District (M.P.) with Special Reference to <i>Phyllanthus amarus</i> and	103
	· · · · · · · · · · · · · · · · · · ·	
	Adhatoda zeylanica Rai Shweta, Gokhale Mamta, Singh Ranu, Mishra RP	
AB-90	Chlorococcales Algae in Dabri Pond of Raipur City, Chhattisgarh	106
AD-70	Smriti Chakravarty, ML Naik	100
AB-91	Primary Characterization of Arsenite Resistant Soil Microbial Species	107
	Isolated from Different Regions of Chhattisgarh	107
	T Abhilasha, Keshavkant Sahu, Ashish Saraf	
AB-92	Antimicrobial Assay of Costus Speciosus (Koen Ex. Retz.) Sm. Against	108
	Micrococcus Luteus	
	Tanushree Sarkar, Shubha Diwan	
AB-93	Iron Tolerance of Different Filamentous Fungi Isolated from the	109
	Effluents of Steel Industries	
	Tikendra Kumar Verma, KL Tiwari, SK Jadhav	
AB-94	Seasonal Variation and Ecological Studies of Soil Fungi in Siltara Industrial	110
	Area Phase-II, Raipur, Chhattisgarh	
	Vaishali Mohril, BM Lall	
AB-95	Effect of Submerged Fermentation on the Production of Amylase from	111
	Recombinant E. coli	
	Vinit Singh Baghel	
AB-96	Biotechnological Application of Endophytic Fungi: A Review	112
AD 07	Wasim Akram, Shriram Kunjam	112
AB-97	Ethnomedicinal Plant Diversity in Jashpur District of Chhattisgarh	113
AB-98	Ajay James, Akanksha Nikunj, Alka, Veenu Joshi Plants Used in Religious Ceremony in Chhattisgarh Region	114
AD-70	Vibha Choubey	114
AB-99	Report of Some Medicinal Plants used in Folk Medicine in Rural Areas of	115
1120 00	Chhattisgarh	110
	Parmita Dubey	
AB-100	Ethno-medicinal Plants of Gomarda Wildlife Sanctuary Raigarh,	116
	Chhattisgarh, India	
	Sarvesh Kaushik Patel, VK Kanungo, AK Sharma, AK Dixit	
AB-101	Qualitative and Quantitative Phytochemical Analysis of Various Extracts of	117
	Costus speciosus Rhizome Traditionally used in Arthritis Disease	
	Yogesh Kumar Bisen, RP Mishra, Dilip Pathak	
AB-102	Combination Therapy for Tuberculosis using Anti-malarial Drug	118
	Chanchal Nainani, Soumya Surabhi, Jai Godheja, Rupesh Thakur	
AB-103	Role of Curcumin in Cancer Prevention and Treatment	119
	Deepika Shoor, Shivani Thakur, Deepali Rajwade	

AB-104	Anti-Cancer Potential of <i>Hedychium coronarium</i> Koen - A Review Chaitali Mathew	120
AB-105	Herbal Cure of Epilepsy: A Review Geetanjali Thakur, Veenu Joshi	121
AB-106	Exploring Antioxidant Values of <i>Boswellia serrata</i> : A Gift of Ayurveda AS Kale, JG Nakade, MG Awaley	122
AB-107	Indian Antidiabetic Medicinal Plant: A Review Monika Sahu, Veenu Joshi	123
AB-108	Medicinal Plants used in Ayurveda Gram of Aarang Block in Raipur District of Chhattisgarh Namrata Dubey, Smriti Chakravarty	124
AB-109	Possibilities of Bioactive Compounds Producing Endophytic Fungi from Medicinal Plant (<i>Rauvolfia serpentina</i>): Preliminary Studies Neetu Das, Pragya Kulkarni, SK Singh	125
AB-110	Vinca Difforis Reduces Cisplatin-Mediated Nephrotoxicity Rasleen Kaur, S Keshavkant	126
AB-111	Variation in Nutrient Content with respect to Age in Red and Green Cabbage Shruti Pandey, S Keshavkant, SK Jadhav	127
AB-112	Proliferation of <i>Curcuma caesia</i> Roxb through Micropropagation Technique Afreen Anjum, Afaque Quraishi	128
AB-113	Impact of Induced Mutation by Gamma Radiation on Plant Residing Area Rich in Heavy Metal Anita Bhoi, Jipsi Chandra, Rasleen Kaur, S Keshavkant	129
AB-114	Simple Method for Haploid Detection and <i>In Vitro</i> Drought Screening of Rice Double Haploids Archana Lahari, Zenu Jha	130
AB-115	Somatic Embryogenesis in <i>Terminalia bellirica</i> Roxb - A Medicinal Tree Bharti Sahu, V Koche	131
AB-116	Phytochemical Analysis of <i>Mimosa pudica</i> Linn Bhawana Pandey, Bhagyashree Deshpande	132
AB-117	Study of <i>Rhizobium</i> from Root Nodule of Pea (<i>Pisum sativum</i>) Plant as Biofertilizers Bhawana Pandey, Sonal Mishra, Trilok Kumar	133
AB-118	Glycinebetaine Attenuates Fluoride Toxicity in <i>Cajanus cajan</i> L. by Upregulating Gene Expression of Antioxidants Bhumika Yadu, S Keshavkant	134
AB-119	Phytochemical Analysis of <i>Cucuma caesia</i> Rhizome Chetna Rahangdale, Bhagyashree Deshpande, Bhawana Pandey	135
AB-120	Variability and Association Studies for Yield Components in Drumstick (<i>Moringa oleifera</i> L.) Germplasm BS Asati, SS Sengar	136
AB-121	Effect of Exogenous Antioxidant Additives on Lipid Peroxidation, Reactive Oxygen Species, Total Chlorophyll Content and Defence Machinery of Medicinal Tree <i>Zanthoxylum armatum</i> DC under Micropropagation Conditions Afaque Quraishi	137
AB-122	Bioactive Compounds and Antioxidants Screening of <i>Corchorus olitorius</i> (L.) in Different Solvents Deepti Chauhan, AK Shrivastava, Suneeta Patra	138
AB-123	The Study of Total Phenolic, Flavonoid and Antioxidant Activity of Zanthoxylum armatum DC Leaves, Callus and Callus Elicited with Methyl Jasmonate	139
AB-124	Gyanmani Ekka, Afaque Quraishi, Shailesh Kumar Jadhav Effect of Different Media on Micropropagation of Garlic Hemshankar Sahu, Malti Singh	140
AB-125	Determination of Antioxidant Potential of Biochemically Synthesized Silver Nanoparticles using <i>Aloe vera</i> Gel Extract Jasmeet Kaur Sohal, Ashish Saraf, Kamlesh Kumar Shukla	141
AB-126	Effect of Aluminium on Redox Status of <i>Cicer arietinum</i> L. Radicles Jipsi Chandra, Suruchi Parkhey, Dalia, Sershen, Boby Varghese, S Keshaykant	142

AB-127	Substrate Feeding to Induce Aroma in Non Aromatic Rice	143
1 To 100	Kunjbihari Patel, Zenu Jha	1.4.4
AB-128	Qualitative and Quantitative Determination of Phytochemical Contents of Leaves of <i>Tridax procumbens</i> L. in Simga Block of Baloda Bazar-Bhatapara	144
	District	
	Madhulika Pandaw, PK Saluja	
AB-129	Phytoconstituents of Nyctanthes arbor-tristis	145
AB-130	Nisreen Husain, Bhavika Sharma, Sadhana Gupta Qualitative and Quantitative Estimation of Phytochemicals of the Leaves of	146
AD-130	Leucaena leucocephala (Lam.) De Wit	140
	P Dewangan, V Acharya	
AB-131	Rapid Development of BLB and Blast Resistant Rice Lines through Anther	147
	Culture	
AB-132	Pawankumar S Kharate, Prateek Pusadkar, Pradeep Goraguddi, Zenu Jha In Vitro Screening of Rice Lines for Drought Tolerance using PEG	148
110 102	Pradeep Goraguddi, Pawan Kumar Kharate, Zenu Jha	1.0
AB-133	Somatic Embryogenesis and Plant Regeneration from Immature Zygotic	149
	Embryo Explants of <i>Andrographis paniculata burm</i> . F. Minz PL, Koche V	
AB-134	Influence of Preculture and Cryoprotectants on Recovery of Cryopreserved	150
	In Vitro-grown Apical Meristems of Chlorophytum borivilianum	100
	Ravishankar Chauhana, Vikram Singh, S Keshavkant, Afaque Quraishi	
AB-135	Some Poisonous Plants having their Medicinal Value from the Area of Pt.	151
	Ravishankar Shukla University, Campus Raipur (Chhattisgarh) Roopshikha Agrawal	
AB-136	Glutathione and Thiourea Mitigates Lead and Acid Rain-Induced Stress	152
	Responses in Trigonella foenum graecum L. Seedlings by Modulating Gene	
	Expressions of Antioxidants	
AB-137	Roseline Xalxo, S Keshavkant Some Endangered Species of Medicinal Plants in India: A Review	153
110 107	Saroj Singh	100
AB-138	Preliminary Detection of Lead in <i>Pithecellobium dulce</i> Tree at an Industrial	154
	Site of Chhattisgarh Satyam Kumar Kumbhakar, Afaque Quraishi, Shailesh Kumar Jadhav	
AB-139	Phytochemical Screening and Antibacterial Activity of Bark Extracts of	155
	Alstonia scholaris R.Br. against Pathogenic Bacteria	
1 D 1 10	PK Saluja, Shabnam Khatun	150
AB-140	In Vitro Propagation and Genetic Fidelity Testing of Bamboo (Dendrocalamus Strictus)	156
	Shambhu Ram Khare, Ritesh Kumar Sahu, Zenu Jha	
AB-141	Morphometric Analysis of Grasspea Seedlings under Dehydration	157
AD 140	Shrijal Kumar Sharma, Niranjan Chakraborty	150
AB-142	Some Medicinally Important Flavonoids of <i>Butea monosperma</i> Shweta Singh, Pramod Kumar Mahish	158
AB-143	Effect of Electrotherapy on Morphological and Biochemical Parameters of	159
	Musa spp. (AAA) Cultivar 'Grand Nain'	
AD 144	Smriti Adil, Afaque Quraishi	160
AB-144	Growth Behaviour of <i>Rauwolfia serpentina</i> (L) Benth ex Kurz in Coal Fly Ash Ameliorated Soil	160
	Sonal Mishra, VK Kanungo	
AB-145	Impact of Coal Fly Ash Ameliorated Soil on Photosynthetic Pigments	161
	Concentration of Withania somnifera (Linn) Dunal	
AB-146	Trilok Kumar, VK Kanungo Standardization of Seed Germination Protocol for Planting Material of	162
.117 170	Buchanania lanzan Spreng	102
	Tripti Agrawal, Afaque Quraishi	
AB-147	Detection of Somaclonal Variations in Micropropagated Plants of Spilanthes	163
	acmella Veenu Joshi, SK Jadhav	
AB-148	Roles of Aspirin and Nitric Oxide Donor in the Regulation of Arsenic Stress	164
	in Glycine max L.	
	Vibhuti Chandrakar, S Keshavkant	

AB-149	A Rapid, Sensitive and Closed-Tube Detection of Banana Bunchy Top Virus	165
	through PCR	
	Vikram Singh, Afaque Quraishi	
AB-150	Sub-cloning of a Chimeric Cry Gene and Molecular Characterization of	166
	Transgenic Pigeon Pea Plants	
	Yogita Verma, Rohini Shrivathsa	
AB-151	Response of some Medicinal Plants in Vesicular Arbuscular mycorrhizal	167
	Inoculations - A Step towards Microbial Technology	
	Bhavana Dixit	
AB-152	Molecular Docking Study of New Derivatives of Quinoxaline as Selective	168
	Dihydro Folate Reductase (Dhfr) Inhibitor	
	Aditya Mishra, Achal Mishra, Shreya Verma, Kajal Goswami, Nikhat Khan	
AB-153	Need of Different Screening Methods for Immunomodulatory Agents - A	169
	review	
	Arpan Kumar Tripathi, Shekhar Verma, Rupesh Soni	
AB-154	Ethano Medicinal Plant in Chhattisgarh Origin	170
	Kunal Chandrakar, Shekhar Verma	
AB-155	Transdermal Delivery of <i>Opuntia ficus-indica</i> Extracts from Alginate	171
	Pluronic Composite Thermogels for Antipsoriasis Activity	
	Sonam Soni, Shekhar Verma	
AB-156	Evaluation of Antidiabetic Potential of Aerial Part of Prinsepia utilis royle	172
	Toshita Gohil , Shekhar Verma	
AB-157	Soil Algal Flora-Diversity and Abundance	173
170 180	Milind J Jadhav	17.4
AB-158	Pseudomonas Species as Biofertilizer and Biocontrol Agent	174
AD 450	Niharika Dewangan, Alka Mishra	177
AB-159	Hairy Root Induction in <i>Oroxylum indicum</i> (L.) Vent by Agrobacterium	175
	Rhizogene	
	Rumana Faraz, M Gokhale, R Gothalwal	

Oral	AB-01, 04, 06, 07, 09, 14, 16, 19, 31, 34, 41, 42, 44, 45, 46, 47, 49, 50, 51,
Presentations	54, 55, 56, 57, 58, 60, 62, 63, 66, 69, 70, 71, 72, 74, 77, 78, 79, 81, 82, 83,
	85, 88, 89, 90, 93, 94, 95, 98, 99, 100, 101, 104, 106, 108, 110, 112, 114,
	116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 128, 129, 130, 131,
	134, 135, 136, 138, 139, 140, 141, 143, 144, 145, 146, 147, 148, 149, 151,
	153, 154, 155, 156, 157
Poster	AB-02, 03, 05, 08, 10, 11, 12, 13, 15, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27,
Presentations	28, 29, 30, 32, 33, 35, 36, 37, 38, 39, 40, 43, 48, 52, 53, 59, 61, 64, 65, 67,
	68, 73, 75, 76, 80, 84, 86, 87, 91, 92, 96, 97, 102, 103, 105, 107, 109, 111,
	113, 115, 127, 132, 133, 137, 142, 150, 152, 158, 159