



# International Biodiversity Congress (IBC 2018)

4-6 OCTOBER 2018

Venue: FOREST RESEARCH INSTITUTE (FRI) | DEHRADUN, INDIA

## List of abstracts selected for oral presentation

| Abs. No: | Theme | First author      | Title   |
|----------|-------|-------------------|---|
| IBC1432  | 1A    | AJESH G           | ISOLATION AND IDENTIFICATION OF ENDOSYMBIOTIC BACTERIA FROM TRIBOLIUM CASTANEUM (HERBST) AND RHYZOPERTHA DOMINICA (FABRICIUS) AND ITS VIABILITY ASSESSMENT OVER CASSAVA BIOFUMIGANT |
| IBC1237  | 1A    | ANOOP P. BALAN    | FLORISTIC DIVERSITY OF CARDAMOM HILLS RESERVE, WESTERN GHATS, INDIA   |
| IBC1373  | 1A    | ARUN A            | STUDIES ON LITTER CHEMISTRY OF ACACIA AURICULIFORMIS A. CUNN. EX BENTH. WITH REFERENCE TO THE FEEDING OF SELECTED ORIBATID MITES  |
| IBC1439  | 1A    | DHANYA J          | THE FLOWER SYNDROMES AND MICROMORPHOLOGICAL ADAPTATIONS IN XANTHOPHYLLUM ARNOTTIANUM TO COMPETE AGAINST A DIVERSE POLLINATION NETWORK   |
| IBC1050  | 1A    | DIVAKARA B N      | TREE SPECIES DIVERSITY IN THE NORTHERN PARTS OF BENGALURU, KARNATAKA - CASE STUDY   |
| IBC1021  | 1A    | GULSHAN CHAUDHARY | ASSESSMENT OF GENETIC DIVERSITY IN PEDALIUM MUREX L. FROM DIFFERENT PARTS OF INDIA  |
| IBC1333  | 1A    | KARUNA PHULAR     | ASSESSMENT OF IN VITRO ANTIOXIDANT AND A- GLUCOSIDASE INHIBITORY ACTIVITY OF BARK, SAW DUST AND KNOTS OF SHISHAM AND POPLAR TREES.  |
| IBC1220  | 1A    | MANOMI S          | COMMUNITY STRUCTURE AND BIOACTIVE POTENTIAL OF ENDOPHYTIC FUNGI FROM THE INDIAN MANGROVE, AVICENNIA OFFICINALIS   |
| IBC1214  | 1A    | MARIAMMA CHERIAN  | ASSESSMENT OF GENETIC DIVERSITY IN POGOSTEMON SPP. (LAMIACEAE) FROM SOUTHERN WESTERN GHATS BASED ON MOLECULAR, MORPHOLOGICAL AND CYTOLOGICAL STUDIES                                |

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| IBC1573 | 1A | NILASANA SINGHA<br>RK | ASSESSMENT OF GENETIC FIDELITY USING ISSR AND SCOT MARKERS IN MICROPROPAGATED PLANTS OF ORMOSIA ROBUSTA BAKER., A RARE AND THREATENED PLANT FROM NORTHEASTERN INDIA |
| IBC1155 | 1A | RAJENDRA MEENA        | POPULATION GENETIC ANALYSIS OF RATTAN SPECIES (CALAMUS FLAGELLUM GRIFF.) IN NORTH EAST INDIA  |
| IBC1577 | 1A | RICHA ARORA           | CHEMICAL SCREENING OF THE POPULATIONS OF RHODODENDRON ARBOREUM AND BETULA UTILIS GROWN IN UTTARAKHAND   |
| IBC1601 | 1A | RINKU MONI KALITA     | SHADE TREE DIVERSITY, COMMUNITY COMPOSITION AND ECOSYSTEM SERVICES IN SMALLHOLDER TEA AGROFORESTRY SYSTEM   |
| IBC1289 | 1A | RITU KAKKAR           | FLORISTIC DIVERSITY IN PERMANENT PRESERVATION PLOTS ESTABLISHED AT BANNERGHATTA NATIONAL PARK   |
| IBC1206 | 1A | SAMPA GHOSH           | A CONSPECTUS OF THE FAMILY GRAMINEAE IN TRIPURA, INDIA BASED ON MORPHOLOGICAL INVESTIGATION   |
| IBC1066 | 1A | SANJYOTI SUBBA        | QUANTITATIVE ANALYSIS OF VEGETATION IN DIFFERENT FOREST TYPES OF BARSEY RHODODENDRON SANCTUARY IN WEST SIKKIM, INDIA  |
| IBC1266 | 1A | SATISH CHANDRA        | DIVERSITY OF THE FAMILY CARYOPHYLLACEAE IN THE INDIAN WESTERN HIMALAYA  |
| IBC1567 | 1A | SHIRAN K              | QUANTIFICATION OF ECOSYSTEM SERVICES OFFERED BY TREES IN PARASAI-SINDH WATERSHED, JHANSI  |
| IBC1267 | 1A | SOUNDARARAJAN N       | THE IMPACTS OF PLANT INVASION ON PLANT DIVERSITY AND BELOW GROUND MUTUALISM – A CASE STUDY FROM LANTANA CAMARA, KARANTHAMALAI HILLS, EASTERN GHATS, TAMIL NADU      |
| IBC1487 | 1A | SUSHANT SHARMA        | IN-VITRO ESTABLISHMENT OF ASEPTIC CULTURES OF TAXUS CONTORTA  |
| IBC1065 | 1B | AMAN VERMA            | ABUNDANCE AND SEASONAL DIVERSITY OF PAPILIONOIDEA AT PANCHESHWAR, PROPOSED MULTIPURPOSE PROJECT IN WESTERN HIMALAYA   |
| IBC1144 | 1B | JAYITA SENGUPTA       | ESTIMATION OF HOVERFLY (INSECTA: DIPTERA: SYRPHIDAE) DIVERSITY ALONG AN ELEVATIONAL INCLINATION IN THE AGRO CLIMATIC ZONES OF WESTERN HIMALAYAN LANDSCAPE.          |
| IBC1352 | 1B | JIMMY PAUL            | STUDIES ON SPIDER FAUNA IN THE CLOUD FORESTS OF THE SKY ISLANDS IN THE WESTERN GHATS.   |
| IBC1512 | 1B | KHIMA NAND BALODI     | DYNAMICS OF SCAVENGING ECOSYSTEM SERVICE ROLE IN THE ABSENCE OF VULTURES IN THE TERAI REGION OF UTTARAKHAND AND ITS IMPLICATIONS                                    |
| IBC1485 | 1B | KRUTI VERMA           | DISTRIBUTION AND NICHE SEGREGATION OF THREE CIVET SPECIES IN VALMIKI TIGER RESERVE (VTR), BIHAR, INDIA  |

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| IBC1643 | 1B | MANISHA UNIYAL            | HYPORHEIC ZONE : AN IMPORTANT ECOSYSTEM SERVICE PROVIDER FOR MAINTAINING AQUATIC BIODIVERSITY  |
| IBC1519 | 1B | NAWIN KUMAR TIWARY        | URBAN BIRD DIVERSITY AND DISTRIBUTION IN PERSISTENT HABITATS OF DELHI, INDIA   |
| IBC1380 | 1B | OINDRILA BASU             | ECOSYSTEM SERVICES AND THEIR ECONOMIC VALUATION IN SUNDERBAN MANGROVES OF INDIA  |
| IBC1148 | 1B | ORUS ILYAS                | STATUS DISTRIBUTION AND FACTORS GOVERNING DISTRIBUTION OF MUSK DEER IN RELATION TO THE ASSOCIATED FAUNA OF UTTARANCHAL HIMALAYAS, INDIA  |
| IBC1437 | 1B | RAJEESHKUMAR MP           | SYSTEMATICS AND DISTRIBUTION OF ANGLERFISHES (PISCES-LOPHIIFORMES) ALONG THE INDIAN EEZ  |
| IBC1646 | 1B | RAMACHANDRAN KOTHARAMBATH | TAXONOMY AND SPECIES CONSERVATION: THE CASE OF CAECILIAN AMPHIBIANS OF THE WESTERN GHATS OF PENINSULAR INDIA   |
| IBC1613 | 1B | RAVINESH, R.              | STATUS OF CONE SNAILS OF INDIA AND CONSERVATION CHALLENGES   |
| IBC1286 | 1B | REMADEVI                  | DIVERSITY AND DISTRIBUTION OF BUTTERFLIES IN DIFFERENT ECO CLIMATIC ZONES OF KARNATAKA   |
| IBC1291 | 1B | RUKMINI SHEKAR            | DUGONG CONSERVATION: CHALLENGES AND OPPORTUNITIES IN TAMIL NADU  |
| IBC1191 | 1B | SANGHAMITRA BASU          | CHANGING TREND IN THE ZOOPLANKTON COMMUNITY STRUCTURE-DECADAL STUDY AROUND SAGAR ISLAND, INDIAN SUNDERBAN DELTA  |
| IBC1371 | 1B | SANJO JOSE V              | PREDICTING THE HABITAT SUITABILITY OF AN ENDEMIC SPECIES, ANTHUS NILGHIRIENSIS (NILGIRI PIPIT) IN THE WESTERN GHATS  |
| IBC1013 | 1B | SATARUPA HOTA             | ECOSYSTEM SERVICES RENDERED BY EPIGEIC, SUBTERRANEAN AND ARBOREAL TERMITES WITH SPECIAL REFERENCE TO GUT ENZYME ACTIVITIES   |
| IBC1368 | 1B | SEENA S                   | QUANTITATIVE DETERMINATION OF SEXUAL DIMORPHISM AND MODULARITY IN HIND WING OF DALOPIUS CORVINUS (COLEOPTERA: ELATERIDAE) USING LANDMARK BASED GEOMETRIC MORPHOMETRIC ANALYSIS         |
| IBC1538 | 1B | SHEIK MOHAMMED SHAMSUDEEN | DIVERSITY AND ECOLOGICAL MODELLING OF HAWK MOTHS (INSECTA: LEPIDOPTERA) OF KERALA PART OF WESTERN GHATS  |
| IBC1561 | 1B | SHUVENDU DAS              | TAXONOMIC INVENTORY AND PATTERNS IN DIVERSITY OF DRAGONFLIES AND DAMSELFLIES (INSECTA: ODONATA) IN RIVER BHAGIRATHI LANDSCAPE, WESTERN HIMALAYA AND TEESTA LANDSCAPE, EASTERN HIMALAYA |
| IBC1615 | 1B | SUVARNA DEVI. S           | CO-EXISTENCE OF TWO INVASIVE FISH SPECIES IN AN AQUATIC ECOSYSTEM AND THEIR FOOD SPECTRUM: A CASE STUDY FROM MATTUPPETTY RESERVOIR, KERALA, INDIA                                      |
| IBC1423 | 1B | UNIYAL DP                 | FAUNAL DIVERSITY IN UTTARAKHAND  |

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| IBC1168 | 1B | UPAMANYU HORE                  | FEEDING ECOLOGY OF GOLDEN LANGUR (TRACHYPITHECUS GEEI) AND ITS IMPLICATIONS FOR THEIR CONSERVATION IN ASSAM  |
| IBC1610 | 1B | VINEESH N                      | EVIDENCE FOR PANMIXIA IN MANGROVE RED SNAPPER (LUTJANUS ARGENTIMACULATUS) ALONG INDIAN COAST USING MICROSATELLITE MARKERS  |
| IBC1026 | 1B | VIVEKANAND BAHUGUNA            | MOLECULAR CHARACTERIZATION OF FAMILY BUFONIDAE USING PARTIAL SEQUENCE OF MITOCHONDRIAL COI REGION FROM UTTARAKHAND, WESTERN HIMALAYA   |
| IBC1292 | 2  | ANUPAM BHATT                   | IODIVERSITY, TRADITIONAL KNOWLEDGE AND CULTURAL ASPECTS OF THE NATIVE PEOPLE OF PANGI VALLEY, CHAMBA DISTRICT, H.P.  |
| IBC1058 | 2  | ASHA RANI K                    | A PARADIGM SHIFT IN NATURE CONSERVATION AMONG MANNAN AND PALIYAN TRIBAL WOMEN OF PERIYAR TIGER RESERVE   |
| IBC1017 | 2  | BANDANA DHIMAN                 | HAZARDOUS EFFECT ON BIODIVERSITY BY CHEMICAL POLLUTION CAUSED BY WOOD PRESERVATIVE INDUSTRIES AND THEIR HERBAL ALTERNATIVES  |
| IBC1188 | 2  | DHRUBA JYOTI DAS               | CHANGING PATTERNS OF HOME GARDENS IN UPPER ASSAM: ARE WE COMPROMISING ON INDIGENOUS BIODIVERSITY?  |
| IBC1255 | 2  | DIVYA KG                       | TRADITIONAL KNOWLEDGE AND BIODIVERSITY   |
| IBC1073 | 2  | HIREMATH S.S.                  | INDIGENOUS KNOWLEDGE OF HERBAL MEDICINAL PLANTS USED FOR ANIMALHEALTH CARE IN NORTHERN KARNATAKA-A STUDY   |
| IBC1506 | 2  | KHULAKPAM AP SHAHANA           | BIODIVERSITY OF WILD EDIBLE PLANTS OF ETHNIC COMMUNITIES OF SENAPATI AND KANGPOKPI DISTRICT, MANIPUR, INDIA.   |
| IBC1152 | 2  | KRISHNA PRIYA                  | CARBON STOCK AND SACRED GROVES OF DODA, JAMMU AND KASHMIR  |
| IBC1082 | 2  | KULJINDER KAUR                 | PLANT BASED TRADITIONAL HEALTHCARE PRACTICES USED IN DOABA REGION OF PUNJAB INDIA  |
| IBC1570 | 2  | KUSHALAPPA C.G.                | INCENTIVES FOR CONSERVATION -CAN IT HELP IN LEADING TO SUSTINABILITLY?   |
| IBC1083 | 2  | LEONARDO HALSZUK LUIZ DE MOURA | THE AMAZON RAINFOREST TRADITIONAL AGROECOLOGICAL GATHERING SYSTEMS AND POLICIES FOR IT IN BRAZIL: THE CASE OF BRAZIL NUT   |
| IBC1494 | 2  | LILY LAMHOICHONG HAOKIP        | ETHNOMEDICINAL PLANTS USED BY THE THADOU, A TRANS BORDER TRIBE IN CHURACHANDPUR DISTRICT MANIPUR NORTH EAST INDIA  |
| IBC1036 | 2  | LIVLEEN KAUR KAHLON            | NEED TO CAPTURE AND UNDERSTAND TRADITIONAL ETHNOECOLOGICAL KNOWLEDGE (TEK): PERSPECTIVES FROM PAUDI BHUYAN, A PRIMITIVE TRIBAL GROUP (PTG) INHABITING PARTS OF NORTHERN ODISHA |
| IBC1587 | 2  | MAYANK MAKRAND VERMA           | "BIODIVERSITY AND HABITAT SUITABILITY ASSESSMENT OF KANHA- PENCH CORRIDOR"   |
| IBC1091 | 2  | MOHD AHMAD                     | ETHNOBOTANY OF IMPORTANT MEDICINAL PLANTS GROWING AS WEED AND THEIR CONSERVATION   |
| IBC1283 | 2  | NEHA SINGH PANWAR              | WOOD FORENSICS: A TOOL IN CONSERVING BIODIVERSITY  |
| IBC1174 | 2  | NURIT BENSUSAN                 | ACCESS TO TRADITIONAL KNOWLEDGE IN THE AGE OF BIOTECHNOLOGY: THE BRAZILIAN CASE  |

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| IBC1290 | 2 | PREM JOTHI PVR          | COMMUNITY PARTICIPATION IN DUGONG CONSERVATION IN TAMIL NADU   |
| IBC1469 | 2 | RAJORSHI RAY            | COMMODITIZATION AND SINGULARISATION OF BIODIVERSITY – A SOCIO-CULTURAL PERSPECTIVE ON ILLEGAL WILDLIFE TRAFFICKING   |
| IBC1332 | 2 | SAJAN JOHN              | AN ASSESSMENT OF THE PAST AND PRESENT DISTRIBUTION STATUS OF THE WHALE SHARK (RHINCODON TYPUS) ALONG THE WEST COAST OF INDIA BASED ON TRADITIONAL ECOLOGICAL KNOWLEDGE (TEK) |
| IBC1360 | 2 | SAS. BISWAS             | KNOWLEDGE TRANSFER (KT) STRATEGIES OF BIODIVERSITY DEPENDENT INDIAN COMMUNITIES OF DISJUNCT REGIONS  |
| IBC1201 | 2 | SEKAR BABU NAGAPPA      | BIODIVERSITY CONSERVATION THROUGH EDUCATION – CAMPUS AND WILDERNESS  |
| IBC1242 | 2 | SHALINI DHYANI          | ENDORING LONG TERM CONSERVATION EFFORTS FOR URBAN BIODIVERSITY USING CITIZEN SCIENCE AND BIODIVERSITY PORTALS  |
| IBC1051 | 2 | SHALINI SINGH MAURYA    | INDIA'S FIGHT AGAINST AGRICULTURAL AND MEDICINAL PLANTS' BIOPIRACY: ITS IMPLICATIONS ON FOOD SECURITY, TRADITIONAL RIGHTS AND KNOWLEDGE DEGRADATION                          |
| IBC1190 | 2 | SHANU V                 | TRADITIONAL KNOWLEDGE AND CULTURE OF TRIBAL PEOPLE IN VANCHIVAYAL, IDUKKI DISTRICT, KERALA   |
| IBC1031 | 2 | SHASHANK SHUKLA         | BIODIVERSITY CONSERVATION: ROLE OF HERBARIUM AND ITS DIGITIZATION  |
| IBC1280 | 2 | SNEHA JOSEPH            | APPLYING BIOINFORMATICS TO MOLECULAR TAXONOMY: A COMPARATIVE STUDY ON VARIOUS MOLECULAR PHYLOGENETIC SOFTWARE  |
| IBC1002 | 2 | VARUN MONALI            | HOW WELL THE EDUCATION FOR BIODIVERSITY CONSERVATION IS WORKING? : SOME EXPERIENCES  |
| IBC1596 | 2 | VIBHA SINGHAL           | ROLE OF RELIGIOUS BELIEFS OF TRIBAL COMMUNITIES IN BIODIVERSITY CONSERVATION IN JHARKHAND  |
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| IBC1558 | 3 | ALLAN THOMAS            | DECLINING BIODIVERSITY AND PESTICIDE SPOTTED WATER BODY OF RIPARIAN HOMEGARDEN ECOSYSTEM: THE CASE CHALAKKUDY RIVER IN KERALA  |
| IBC1007 | 3 | ASHOK KUMAR PANIGRAHI   | IMPACTS OF CLIMATE CHANGE ON MANGROVE DIVERSITY OF BALASORE COAST  |
| IBC1006 | 3 | ASHOK KUMAR PANIGRAHI   | IMPORTANCE OF RICE DIVERSITY CONSERVATION DURING CLIMATE CHANGE  |
| IBC1525 | 3 | AYAN SADHU              | DEMOGRAPHY OF A SMALL, ISOLATED TIGER (PANTHERA TIGRIS TIGRIS) POPULATION IN A SEMI-ARID REGION OF WESTERN INDIA   |
| IBC1320 | 3 | BISHNU PRASAD BHATTARAI | CONSERVATION DILEMMA IN LESS CHARISMATIC FAUNA: AN INSIGHT INTO VANISHING TURTLES FROM NEPALESE FRESHWATERS  |

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| IBC1130 | 3 | CHELLAM MUTHUMPERUMAL   | ECOLOGICAL INVESTIGATION AND CONSERVATION STRATEGIES OF A THREATENED, ENDEMIC PLANT SPECIES IN THE FORESTS OF SOUTHERN WESTERN GHATS, INDIA                       |
| IBC1109 | 3 | DIBYENDU ADHIKARI       | DELINEATING POTENTIAL AREAS FOR CONSERVING CITRUS GENETIC RESOURCES IN NORTHEAST INDIA THROUGH APPLICATION OF BIOCLIMATIC NICHE MODELLING                         |
| IBC1210 | 3 | GIRIRAJ SINGH PANWAR    | IN VITRO RESCUE AND HABITAT RESTORATION OF CRITICALLY ENDANGERED AND ENDEMIC CATAMIXIS BACCHAROIDS: A MONOTYPIC SPECIES   |
| IBC1312 | 3 | ISHITA GANGULY          | NECESSITIES OF CONSERVATION ACTION PLAN FOR URBAN MACAQUES AS A DRIVER FOR MITIGATION OF HUMAN-MACAQUE CONFLICT   |
| IBC1474 | 3 | JAHNAVI SHARMA          | TOWARDS AN INDICATORS-BASED FRAMEWORK FOR MONITORING BIODIVERSITY IN OPENCAST COAL MINE CLOSURE IN INDIA  |
| IBC1143 | 3 | KULKARNI AMIT DILIPRAO  | BIODIVERSIFIED ALKALIPHILIC ACTINOMYCETES AS EFFICIENT PHOSPHATE SOLUBILIZERS ISOLATED FROM SOIL OF LONAR CRATRE  |
| IBC1645 | 3 | LAL SINGH               | BIOTECHNOLOGICAL INTERVENTIONS FOR SUSTAINABLE DEVELOPMENT OF BIODIVERSITY ON DEGRADED LAND   |
| IBC1175 | 3 | MAMTA PRAKASH           | COMPARATIVE ASSESSMENT OF AIR POLLUTION TOLERANCE INDEX OF SELECTED PLANT SPECIES AT TWO DIFFERENT LOCATIONS IN DELHI   |
| IBC1630 | 3 | MANEESH SINGH BHANDARI  | TREE BIODIVERSITY AND DISTRIBUTION MODELING IN UTTARAKHAND  |
| IBC1454 | 3 | MONICA KAUSHIK          | EFFECTS OF CHRONIC ANTHROPOGENIC DISTURBANCES AND PAST LOGGING ON FOREST STRUCTURE AND COMPOSITION IN HIMALAYAN FOOTHILLS   |
| IBC1479 | 3 | NEERAJ SINGH            | CARBON STOCK OF FIVE FOREST TYPE IN GARHWAL HIMALAYA  |
| IBC1060 | 3 | REGI S R                | TROPHIC IMPACT OF INVASIVE MOZAMBIQUE TILAPIA OREOCHROMIS MOSSAMBICUS ON INDIGENOUS FISH GROUPS IN VELI-AKKULAM LAKE, KERALA, INDIA: AN ECOPATH MODELING APPROACH |
| IBC1101 | 3 | REKHA J NAIR            | AN ASSESSMENT OF THE GROUPER DIVERSITY OF INDIA ON THE CONTEXT OF THE CONSERVATION ANGLE  |
| IBC1390 | 3 | RESHMA M R              | HABITAT LOSS OF ENDEMIC AND RET SPECIES IN EASTERN GHATS UNDER LAND USE AND MULTIPLE CLIMATE CHANGE SCENARIOS   |
| IBC1356 | 3 | RUPALI SHARMA           | MORPHOLOGY, GAS EXCHANGE AND CARBON PARTITIONING OF WITHANIA SOMNIFERA (L.) DUNAL GROWN UNDER ELEVATED CO2 REGIMES  |
| IBC1072 | 3 | SAGOLSHEM KALIDAS SINGH | TRADITIONAL VS ALDER-BASED JHUM: ASSESSMENT OF PRE-BURNED FOREST LITTER QUALITY AND SOIL FERTILITY OF VARIED FALLOW LENGTHS                                       |
| IBC1335 | 3 | SAJAN JOHN              | ARTIFICIAL REEFS AS A CONSERVATION TOOL TO SECURE LIVELIHOODS OF COASTAL COMMUNITIES- CASE STUDY FROM GUJARAT   |

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| IBC1509 | 3 | SAMIR KUMAR SINHA  | COMMUNITY PARTICIPATION IN BIODIVERSITY CONSERVATION: A CASE STUDY OF WETLAND AND SARUS CRANE ANTEGONE ANTEGONE CONSERVATION IN EASTERN UTTAR PRADESH, INDIA                          |
| IBC1256 | 3 | SANCHITA KUKDE     | EVALUATION OF TREE SPECIES FOR PROSPECTIVE COMMUNITY DEVELOPMENT FOR EFFICIENT GHG SEQUESTRATION  |
| IBC1154 | 3 | SANGEETA RAJGIR    | IMPACT OF HABITAT LOSS AND HUMAN INTERFERENCE ON AVIAN DIVERSITY OF SOME IMPORTANT WETLANDS OF MADHYA PRADESH WITH SPECIAL REFERENCE OF RARE, ENDANGERED AND THREATENED (RET) SPECIES |
| IBC1151 | 3 | SHIKHA CHANDEL     | MOBILE PHONE RADIATIONS AFFECT GROWTH, ANATOMY, ULTRASTRUCTURE AND INDUCE CYTOTOXIC EFFECTS IN PLANTS   |
| IBC1282 | 3 | SOUMYA CHAKRABORTY | MONITORING BIOACCUMULATION OF HEAVY METALS IN TERRESTRIAL AND AQUATIC PLANTS: A CASE OF TALCHER, ODISHA   |
| IBC1273 | 3 | SUBHASH SHARMA     | VALUATION OF ENVIRONMENTAL AMENITY: A CASE STUDY OF PIN VALLEY NATIONAL PARK IN HIMACHAL PRADESH  |
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| IBC1124 | 4 | BHATT GD           | LAND USE/COVER CHANGE DETECTION IN THE WESTERN PART OF UPPER GANGETIC PLAINS OF UTTAR PRADESH, INDIA - A GEOSPATIAL APPROACH  |
| IBC1355 | 4 | GHOLBA N.D.        | FEASIBILITY STUDIES FOR SECONDARY METABOLITE SYNTHESIS FROM GYMNEMA SYLVESTRE R.BR. AN ANTI DIABETIC MEDICINAL PLANT.   |
| IBC1413 | 4 | ISHRATH P K        | SYSTEM MANAGEMENT FOR MEDICINAL PLANTS CONSERVATION AND RAW DRUG PRODUCTION OF THE CONSTITUENTS OF 'DASAMOOLARISHTAM', A TRADITIONAL AYURVEDIC FORMULATION                            |
| IBC1628 | 4 | KRISHNA PRIYA P    | ECOSYSTEM SERVICES AND DEVELOPMENT  |
| IBC1461 | 4 | LAKSHMI A. DAVE    | HUMAN GASTROINTESTINAL ENDOGENOUS PROTEINS: BIOACTIVE PEPTIDES AND A COMPELLING CASE FOR FOOD BIODIVERSITY  |
| IBC1297 | 4 | MANISH MATHUR      | TEMPORAL ASSESSMENT OF SEMI-ARID BIODIVERSITY COMPONENTS THROUGH SHE ANALYSIS AND THEIR RELATIONSHIPS WITH BOTTOM-UP AND TOP-DOWN FACTORS"  |
| IBC1636 | 4 | MONIKA             | IMPACT OF ORGANIC MANURE ON ARTEMISININ CONTENT AND YIELD IN ARTIMISIA ANNUA CV. SIM AROGYA   |
| IBC1084 | 4 | NISHAT ANJUM       | FOREST BIODIVERSITY FOR NUTRITION-SENSITIVE FOOD SYSTEMS  |
| IBC1008 | 4 | NITEEN V. PHIRKE   | EXPLORING BIODIVERSITY OF ARBUSCULAR MYCORRHIZAL FUNGI (AMF) FOR ITS APPLICATIONS IN BANANA PRODUCTION SYSTEMS OF NORTH MAHARASHTRA   |

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| IBC1139 | 4 | PANDEY, A.K.    | MORPHOLOGICAL AND BIOCHEMICAL VARIATION IN HABENARIA INTERMEDIA: A THREATENED MEDICINAL ORCHID OF NORTH WESTERN HIMALAYA                                       |
| IBC1313 | 4 | RAJASEKHARAN PE | CROP WILD RELATIVES DIVERSITY AND CONSERVATION AND USE : SOLANUM GENE POOL A CASE STUDY  |
| IBC1129 | 4 | RASHI MIGLANI   | EARTHWORM DENSITY AND BIOMASS OF TWO AGRICULTURALLY DIFFERENT LAND SITES WITH AND WITHOUT USE OF PESTICIDES  |
| IBC1404 | 4 | SHIVAKUMAR M S  | BLACK PEPPER GENETIC RESOURCES: PRESENT STATUS AND UTILISATION   |
| IBC1517 | 4 | SMITHA R.B.     | ISOLATION AND PARTIAL PURIFICATION OF CATECHOL 2, 3 DIOXYGEANSE FROM PAECILIOMYCES FUMOSSES – AN OIL DEGRADING FUNGUS  |
| IBC1067 | 4 | SREELEKSHMI     | PURIFICATION AND BIOCHEMICAL CHARACTERIZATION OF UREASE FROM HORSE GRAM (DOLICHOS BIFLORUS LINN.)  |
| IBC1016 | 4 | VIKAS PA        | AN INNOVATIVE CLIMATE RESILIENT PACKAGE OF PRACTICE AND APPROACHES FOR REJUVENATION OF POKKALI FARMING SYSTEM; A CASE STUDY OF NUTRITION-SENSITIVE AGRICULTURE |
| IBC1590 | 4 | VIPUL NEGI      | ENZYME-ASSISTED EXTRACTION OF ANTIOXIDATIVE PHENOLICS FROM BIOMASS RESIDUES OF EUCALYPTUS AND SAL PLANTATIONS.   |

### Revised themes for IBC 2018 abstracts

#### Theme 1A

Biodiversity and Ecosystem Services (Microbial and Floral Diversity)

#### Theme 1B

Biodiversity and Ecosystem Services (Faunal Diversity and Associations)

#### Theme 2

Biodiversity: Legal and Knowledge Systems

#### Theme 3

Biodiversity: Threats and Conservation Strategies

#### Theme 4

Biodiversity: Agro-ecosystems and Food Security; Medicinal Plants