

## MASTER SCHEDULE OF BIODIVERSE-2018

<b>27-01-2018 (Day-I)</b>						
Time	Conference Hall-1	Conference Hall-2	Conference Hall-3	Conference Centre Foyer	Auditorium	Dining Hall
1:30 pm-3:00 pm	<i>Nature In Pixels-cum-Welcome Event</i>				---	---
3:00 pm-5:00 pm	Oral Session-1A: PBA-I	Oral Session-1B: ANB-I	Oral Session-1C: MIB-I	---	---	---
5:00 pm-5:15 pm	---	---	---	<i>Tea Break</i>	---	---
5:15 pm-6:00 pm	---	---	---	---	Inauguration Session	---
6:00 pm-7:00 pm	---	---	---	---	Cultural Programme	---
7:00 pm onwards	---	---	---	---	---	<i>Dinner</i>
<b>28-01-2018 (Day-II)</b>						
Time	Conference Hall-1	Conference Hall-2	Conference Hall-3	Conference Centre Foyer	Auditorium	Dining Hall
9:15 am-10:55 am	Oral Session-2A: PBA-II	Oral Session-2B: ANB-II	Oral Session-2C: MIB-II	Poster Session-I: ANB, BMC, PBA, HLD, INB	---	---
10:50 am-11:10 am	---	---	---	<i>Tea Break</i>	---	---
11:10 pm-1:00 pm	Oral Session-3A: FAB-I	Oral Session-3B: AQB-I	Oral Session-3C: EFB-I	Poster Session-I: ANB, BMC, PBA, HLD, INB	---	---
1:00 pm-2:00 pm	---	---	---		---	<i>Lunch</i>
2:00 pm-3:40 pm	Oral Session-4A: FAB-II	Oral Session-4B: AQB-II	Oral Session-4C: EFB-II		---	---

3:40 pm-3:50 pm	---	---	---	Tea Break	---	---
3:50 pm-5:30 pm	Oral Session- 5A: POL	Oral Session- 5B: OMI	---	Poster Session-I: ANB, BMC, PBA, HLD, INB	---	---
6:00 pm-7:00 pm	---	---	---	---	Cultural Programme	---
7:00 onwards	---	---	---	---	---	Dinner

### 29-01-2018 (Day-III)

Time	Conference Hall-1	Conference Hall-2	Conference Hall-3	Conference Centre Foyer	Auditorium	Dining Hall
9:15 am- 10:50 am	Oral Session- 6A: HLD-I	---	Oral Session 6B: BMC-I	Poster Session-2: AQB, MIB, FAB, EFB	---	---
10:50 am- 11:10 am	---	---	---	Tea Break	---	---
11:10 am-1:00 pm	Oral Session- 7A: HLD-II	Oral Session- 7B: INB-I	Oral Session- 7C: BMC-II	Poster Session-2: AQB, MIB, FAB, EFB	---	---
1:00 pm-2:00 pm	---	---	---	---	---	Lunch
2:00 pm-3:30 pm	Oral Session- 8A: BBK	Oral Session- 8B: INB-II	---	Poster Session-2: AQB, MIB, FAB, EFB	---	---
3:30 pm-3:45 pm	---	---	---	Tea Break	---	---
3:45 pm-5:00 pm	---	---	---	---	Valedictory Session & Prize Distribution Ceremony	---

## DETAILED SCHEDULE OF ORAL SESSIONS

**Day-I: 27-01-2018**

### **ORAL SESSION-IA: PLANT BIODIVERSITY AND APPLICATIONS-I**

**VENUE-** CONFERENCE HALL 1; **TIME-** 3.00 PM TO 5:05 PM

**SESSION CHAIRS:** PROF. BOLIN K KONWAR, TU & DR. DINESH KUMAR, IASRI

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
3:00-3:30 pm	Pradip Chandra Deka	Genetic diversity of certain commercially important horticultural and forestry species of North-east India and their conservation strategies
3:31-3:51 pm	Jyoti Prasad Saikia	Impact of colloidal silver nanoparticle on germination of green gram (mogu mah)
3:52-4:12 pm	Khagen Basumatary	Vriksha ayurveda (the science of plant life)- a boon for plant biodiversity
4:13-4:19 pm	R. Rajeshwari Devi	Bamboo, a resource in mitigation and adaptation of climate change
4:20-4:26 pm	Moumita Malakar	Genetic variability and correlation studies in <i>Heliconia</i> genotypes for yield and floral biology allied attributes
4:27-4:33 pm	V. Vijaya Padma	Chemotherapeutic efficacy of natural compound in enhancing anticancer drug efficacy
4:34-4:40 pm	Vidhu Sankar Babu	<i>In vitro</i> culture - an impeccable platform for conservation and global metabolite mining of <i>Dendrobium</i> species
4:41-4:47 pm	Samyurai P	Diversity, distribution, conservation strategies and molecular phylogeny of <i>Andrographis</i> species from Tamilnadu, India
4:48-4:54 pm	Robinson Timung	Comparison of essential oil extraction from Java citronella using hydro-distillation, steam distillation, ultrasonic assisted hydro and steam distillation
4:55-5:01 pm	Uma Dutta	Bioassay of chemo-protective role of shoot of <i>Bambusa balcooa</i> Roxb. and its isolated flavonoid in ethephon-induced Oxidative stress in the pulmonary subcellular damage in albino rat

### **ORAL SESSION-IB: ANIMAL BIODIVERSITY-I**

**VENUE-** CONFERENCE HALL 2; **TIME-** 3.00 PM TO 4:30 PM

**SESSION CHAIRS:** PROF. SATISH KUMAR, CCMB & PROF. PROBODH BORA, AAU

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
3:00-3:30 pm	Olivier Hanotte	Genetic history, diversity, adaptation of domestic chicken
3:31-3:51 pm	Narayan Sharma	Watering holes: The use of arboreal sources of drinking water by Old World monkeys and apes
3:52-3:58 pm	Bhuwan Bhaskar	Effect of rice beer on animal behaviour
3:59-4:05 pm	Nagarajan M	Genetic characterization of Indian domestic ducks

<b>4:06-4:12 PM</b>	Kishore Kumar Bharali	Human-leopard conflict in and around the Maligaon Gaushala Farm land, Guwahati Metro, Assam
<b>4.13-4.28pm</b>	P. Anuradha Reddy	Walking with the Big Cat – Landscape Genetic Studies to Assess Contemporary Movement of Tigers in India

### ORAL SESSION-IC: MICROBIAL BIODIVERSITY-I

**VENUE-** CONFERENCE HALL 3; **TIME-** 3.00 PM TO 4:30 PM

**SESSION CHAIRS:** PROF. JYOTI PRAKASH TAMANG, SU & PROF. KUSHAL KONWAR SARMAH, AAU

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>3:00-3:20 pm</b>	Naveen Kumar Navani	Diversity and technological potential of lactic acid bacterial isolates from Himalayan region
<b>3:21-3:41 pm</b>	Anil Chhillar	Biocontrol and biofertilizing activity of ACR5 isolated from <i>Triticum aestivum</i> rhizosphere
<b>3:42-4:02 pm</b>	Sushil K Sharma	Metagenomics analysis exploring bacterial diversity in diverse habitats of Andaman and Nicobar Islands, India
<b>4:03-4:09 pm</b>	Parul Thapar	Isolation and characterization of <i>Lactobacillus brevis</i> from curd and its application in prevention of dental caries
<b>4:10-4:16 pm</b>	Santhoshkumar S	Diversity and documentation of macrofungi in Southern Western Ghats of India and DNA barcoding of <i>Russula delica</i> Fr.
<b>4:17-4:23 pm</b>	Nabanita Bhattacharyya	The C-terminal domain of <i>Mycobacterium tuberculosis</i> protein kinase G is crucial for metabolic regulation while all domains are membrane localized

## Day-II: 28-01-2018

### ORAL SESSION-2A: PLANT BIODIVERSITY AND APPLICATIONS-II

**VENUE-** CONFERENCE HALL 1; **TIME-** 9:15 AM TO 10:45 AM

**SESSION CHAIRS:** PROF. MOINAK BANERJEE, RGCB & PROF. LINGARAJ SAHOO, IIT GUWAHATI

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>9:15-9:35 am</b>	Pradeep K Goswami	Importance of biodiversity in medical system as per Ayurveda
<b>9:36-9:56 am</b>	Suvendra Kumar Ray	Endophytes isolated from tomato seedlings can protect tomato seedlings against <i>Ralstonia solanacearum</i> infection
<b>9:57-10:03 am</b>	Shally Sultana Choudhury	Screening of <i>Gynocardia odorata</i> R.Br. for its antioxidant and antimicrobial properties
<b>10:04-10:10 am</b>	Rinti Roy	Studies on a few ethno-botanical plants used by Dimasa tribe of Dima Hasao district
<b>10:11-10:17 am</b>	Debashree Kakati	Study on restricted distribution <i>B. mollis</i> Wall. ex Kurz - An RET plant of North East India
<b>10:18-10:24 am</b>	Amal Bawri	Cultivation of medicinal plants in Arunachal Pradesh: a potential tool for biodiversity conservation and source of livelihood

<b>10:25-10:31 am</b>	N. Sundari	Estimation of total phenolic compounds in some of the medicinal plants of Manipur
<b>10:32-10:38 am</b>	Suraj Kumar Behera	Evaluation of free radical scavenging activity of methanolic extract of <i>Azima tetracantha</i> Lam.
<b>10:39-10:45 am</b>	Deepmoni Deka	Bioresource available in NE-India as alternate substrate for biofuel production

### ORAL SESSION-2B: ANIMAL BIODIVERSITY-II

**VENUE-** CONFERENCE HALL 2; **TIME-** 9:15 AM TO 10:38 AM

**SESSION CHAIRS:** PROF. OLIVIER HANOTTE, N.U. & PROF. DHIRESHWAR KALITA, AAU

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>9:15-9:35 am</b>	Satish Kumar	Domestication and genetic diversity of water buffalo
<b>9:36-9:56 am</b>	Pranab Jyoti Das	The Y chromosome, sperm genomics and male fertility
<b>9:57-10:17 am</b>	Munmun Sarma	Species identification of few wild and semi-wild mammals based on study of hair: a forensic approach initiated for conservation
<b>10:18-10:24 am</b>	Soumen Naskar	Mitochondrial genetic diversity and population structure in indigenous pig breeds of India
<b>10:25-10:31 am</b>	Basundhara Chettri	Amphibians at threat: extraction of frogs for medicine and meat supplement in Sikkim Himalaya, India
<b>10:32-10:38 am</b>	Samrat Sengupta	“Can you see us?: Combating the issue of detectability for status evaluation of flying squirrels in a tropical forest, Assam, India.”

### ORAL SESSION-2C: MICROBIAL BIODIVERSITY-II

**VENUE-** CONFERENCE HALL 3; **TIME-** 9:15 AM TO 10:50 AM

**SESSION CHAIRS:** PROF. TORU SHIMADA, UTOKYO & DR. NAVEEN KUMAR NAVANI, IITR

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>9:15-9:45 am</b>	Bolin K Konwar	Cellulase enzyme through metagenomics
<b>9:46-10:06 am</b>	Probodh Bora	Molecular diversity and virulence profile of <i>Salmonella</i> isolates from various sources
<b>10:07-10:27 am</b>	Pranab Dutta	Diversity of fungus causing onychomycosis among agricultural and tea garden workers of Assam
<b>10:28-10:34 am</b>	Gargi Chakravarty	Evaluation of bacterial bioformulation in the control of bacterial wilt incidence and in the promotion of yield and yield attributes
<b>10:35-10:41 am</b>	Ashish K. Singh	Importance of cold inducible t-RNA modification GTPase for survival of Antarctic bacterium <i>Pseudomonas syringae</i> (Lz4W) at low temperature

### ORAL SESSION-3A: FOOD AND AGRO-BIODIVERSITY-I

**VENUE-** CONFERENCE HALL 1; **TIME-** 11:10 AM TO 1:00 PM

**SESSION CHAIRS:** PROF. CHANDISH R BALLAL, NBAIR & DR. NAMRATA THAPA TAMANG, SU

TIME	SPEAKER	LECTURE TITLE
11:10-11:40 am	Jyoti Prakash Tamang	Ethnic fermented foods and beverages: ethno-microbiology to molecular microbiology
11:41-12:01 pm	Tomizuddin Ahmed	Rice biodiversity and genetic wealth of North East India
12:02-12:22 pm	GJN Rao	Morphological and molecular variation in cultivated and wild rices of Eastern India: population structure analysis
12:23-12:29 pm	Bedabati Kalita	Application of plant based biological treatments in Sali rice agro-ecosystem for improvement of soil carbon and crop yield
12:29-12:35 pm	Abhijit Kumar Das	Genetic analyses of kernel tocopherols in maize possessing novel allele of $\gamma$ -tocopherol methyl transferase (ZmVTE4)
12:36-12:42 pm	Bidhan Roy	Biodiversity of local cultivars of rice ( <i>Oryza sativa</i> L.)- their characterization, conservation and subsequently utilization for rice improvement
12:43-12:49 pm	Mukul Chandra Kalita	Germplasm maintenance and productivity analysis in ten different Boro rice varieties of Assam
12:50-12:56 pm	Rinkumoni Kalita	Tea agroforestry: is the system an interesting compromise for sustainable development and fight against deforestation?

### ORAL SESSION-3B: AQUATIC BIODIVERSITY-I

VENUE- CONFERENCE HALL 2; TIME- 11:10 AM TO 12:30 PM

SESSION CHAIRS: PROF. PRADIP CHANDRA DEKA, SPSU & PROF. N. SENTHIL KUMAR, MU

TIME	SPEAKER	LECTURE TITLE
11:10-11:40 am	Prakash Nautiyal	Freshwater biodiversity in the plateau rivers of Central India
11:41-12:01 pm	Partha Pratim Baruah	Algal diversity of North East India: a less attended but fascinating treasure
12:02-12:08 pm	Sandhya Krishnan	Biomonitoring of Kuttiyadi river (Western Ghats origin) of North Kerala, using aquatic insects with biotic scores BMWP and ASPT
12:09-12:15 pm	Liladhar Pegu	Freshwater molluscan diversity in certain beels of Dhemaji District, Assam, India
12:16-12:22 pm	Devid Kardong	Diversity, distribution and status of freshwater mollusc of Upper Brahmaputra Basin, Assam, India
12:23-12:29 pm	Shantabala Devi Gurumayum	Fish diversity of Papum-Poma river, Papum Pare district, Arunachal Pradesh

### ORAL SESSION-3C: ECOLOGY AND FOREST BIODIVERSITY-I

VENUE- CONFERENCE HALL 3; TIME- 11:10 AM TO 12:36 PM

SESSION CHAIRS: DR. RANJIT KUMAR, DEI & PROF. SUVENDRA KUMAR RAY, TU

TIME	SPEAKER	LECTURE TITLE
11:10-11:40 am	Moinak Banerjee	Resolving ecological diversity and hazards using molecular methods: A case study on teak defoliation in the oldest teak plantation in India

11:41-11:47 am	Gitanjali Katlam	How size and distance of the garbage dumps from forest edge influence visitation patterns and foraging behaviour of species in the forested landscapes of Uttarakhand?
11:48-11:54 am	Somaiah Sundarapandian	Plant diversity and distribution pattern in tropical dry deciduous forest of Eastern Ghats, India
11:55-12:01 pm	Kaustubh Rakshit	Afforestation strategy for regeneration of tropical forest in Assam
12:02-12:08 pm	Sabina Langthasa	Ethno-entomological diversity in Dima Hasao district Assam: A quantitative appraisal
12:09-12:15 pm	Ajoy Debbarma	Ecological, social & legal implications of rubber monoculture: a case study from Tripura, North East India
12:16-12:22 pm	Mary Anto	Mapping priority conservation areas in the Central Western Ghats, Kerala using endemic butterflies as indicators
12:23-12:29 pm	E.A. Singh	Studies on biodiversity of newly reported sacred groves (Devraies) in Pune District
12:30-12:36 pm	R.L. Deka	Recent changes in rainfall scenario in Assam: possible implications in agriculture sector and adaptation options

#### ORAL SESSION-4A: FOOD AND AGRO-BIODIVERSITY-II

VENUE- CONFERENCE HALL 1; TIME- 2:00 PM TO 3:25 PM

SESSION CHAIRS: PROF. GYANESHWAR CHAUBEY, BHU & SHRI SAMRAT BORA, AVC GU

TIME	SPEAKER	LECTURE TITLE
2:00-2:20 pm	Namrata Thapa Tamang	Mountain women in preparation of fish products in the Eastern Himalayas
2:21-2:41 pm	Nirala Ramchiary	Evolution of pungency diversity in <i>Capsicum</i> germplasm from North-East India
2:42-2:48 pm	Aniruddha Sarma	Evaluation of nutraceutical and oleoresin content of certain landraces of <i>Capsicum</i> spp. (Solanaceae) from Assam state of India
2:49-2:55 pm	Sudip Kumar Dutta	Morpho-genetic screening of <i>Capsicum</i> landraces of North-East India
2:56-3:02 pm	Meenakshi Dubey	Genetic diversity study of <i>Capsicum</i> germplasm and development of simple sequence repeats markers for breeding fruit related traits
3:03-3:09 pm	Pramod Medhi	Edible Aroid diversity from Borail Hills Range of North-East India and selection of superior germplasm based on nutraceutical and anti-nutritional properties
3:10-3:16 pm	Nanda K. Kamblae	Formulation of probiotic Guduchi whey beverage
3:17-3:23 pm	Anup Kumar Sarkar	Studies on physio-chemical parameters and genotoxicity effect of sewage water of three locations on <i>Allium cepa</i> L. & <i>Zea mays</i> L. roots

#### ORAL SESSION-4B: AQUATIC BIODIVERSITY-II

VENUE- CONFERENCE HALL 2; TIME- 2:00 PM TO 2:50 PM

SESSION CHAIRS: DR. PRADEEP K. GOSWAMI, NEIAH & DR. SADANAND SONTAKKE, CCMB

TIME	SPEAKER	LECTURE TITLE
2:00-2:20 pm	Jayaditya Purkayastha	Tortoises and freshwater turtles of India with special reference to the temple ponds in turtle conservation
2:21-2:27 pm	Arpita Dalal	Predatory aquatic insect diversity and their relationship with mosquito community- a study in aquatic systems of urban areas of Cachar, Assam, India
2:28-2:34 pm	Anupama Saha	Nepomorpha and Gerromorpha (Order: Hemiptera) community in the agricultural fields of Barak Valley, Assam, India
2:34-2:40 pm	Identicia Marwein	Distribution of Ephemeroptera, Plecoptera and Trichoptera (EPT) larvae in two small streams of Shillong, Meghalaya, Northeast India and their role in water quality assessment
2:41-2:47 pm	Shamim Rahman	Congruence of DNA barcoding with morphological data in taxonomic review of lesser known rice-paddy eel <i>Pisodonophis boro</i>

#### ORAL SESSION-4C: ECOLOGY AND FOREST BIODIVERSITY-II

VENUE- CONFERENCE HALL 3; TIME- 2:00 PM TO 3:40 PM

SESSION CHAIRS: DR. PARTHA PRATIM BARUAH, GU & DR. ARUN K. SINGH, IARI

TIME	SPEAKER	LECTURE TITLE
2:00-2:30 pm	Chandish Ballal	Biodiversity and biological control
2:31-2:51 pm	Kushal Konwar Sarma	Rejuvenation of Manas with the glamour of rhinos
2:52-3:12 pm	Smarajit Ojah	Human-elephant conflict in Assam
3:13-3:19 pm	Priyanka Sarkar	A rapid method for assessing anthropogenic pressure on natural ecosystems: prioritizing action plans for sustainable ecosystem management
3:20-3:26 pm	Santanu Gupta	Whether a decade-long implementation of eco-development in Kalakad-Mundanthurai Tiger Reserve, Tamil Nadu, India, was successful in reducing resource dependency, and therefore anthropogenic pressure on park?
3:27-3:33 pm	Gobinda Bal	Biomass and carbon storage in above ground structures in mangroves of Bhitarkanika Wetlands of Odisha, India

#### ORAL SESSION-5A: POLICY AND HISTORY

VENUE- CONFERENCE HALL 1; TIME- 3:50 PM TO 5:23 PM

SESSION CHAIRS: PROF. PADMAVATI MANCHIKATI, IIT KHARAGPUR & DR BANRIDA T. LANGSTIEH, NEHU



<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>3:50-4:20 pm</b>	Krishnamoorthy Kannan	Remembering Alexander Von Humboldt : the unknown naturalist
<b>4:21-4:41 pm</b>	Dinesh Kumar	Synthetic biology and digital biopiracy: Is Nagoya Protocol effective to protect ABS and sovereignty issues of animal genetic resources of India?
<b>4:42-5:02 pm</b>	A. K. Johari	Implementation of Biological Diversity Act-2002 in Assam
<b>5:03-5:23 pm</b>	Dinesh Kumar	Agricultural biodiversity and legal frame work in India: Issues, opportunities and challenges

### **ORAL SESSION-5B: OMICS IN BIODIVERSITY**

**VENUE-** CONFERENCE HALL 2; **TIME-** 3:50 PM TO 4:55 PM

**SESSION CHAIRS:** DR. KESAVAN SUBAHARAN, NBAIR & DR. ANKIT SRIVASTAVA, BU

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>3:50-4:10 pm</b>	Pankaj Barah	Integrative systems biology approach to understand local climate adaptation and genome evolution in plants
<b>4:11-4:31 pm</b>	Aridaman Pandit	Systems biology of immune cells for personalized medicine in autoimmune diseases
<b>4:32-4:52 pm</b>	N. Senthil Kumar	Bacterial community composition and its functional attributes in Jhum cultivated agroecosystem

## **Day-III (29-01-2018)**

### **ORAL SESSION-6A: HUMAN AND LINGUISTIC DIVERSITY-I**

**VENUE-** CONFERENCE HALL 1; **TIME-** 9:15 AM TO 10:50 AM

**SESSION CHAIRS:** PROF. MIHIR K. PURKAIT, IITG & DR. ARIDAMAN PANDIT, UUTR

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>9:15-9:45 am</b>	George van Driem	The East Asian linguistic phylum and Northeast India: A reconstruction based on language and genes
<b>9:46-10:06 am</b>	Tanmoy Bhattacharya	The 'Eastern' origin of diversity in India: linguistic, genetic, and archaeological evidence
<b>10:07-10:27 am</b>	Banrida T. Langstieh	Molecular anthropology in Northeast India
<b>10:28-10:34 am</b>	Jayashree Goswami	Ethno-medicinal plants used by the people of Rabha Hasong Autonomous Council Area of Assam in the treatment of gastrointestinal disorders and urinary trouble
<b>10:35-10:41 am</b>	Sudarshana Borah	Oxidative trauma in the pathogenesis of Alzheimer's disease and the diverse effects of natural sources from Northeast India in its management

<b>10:42-10:48 am</b>	S. Thangapandiyan	Protective effect of Sulforaphane against environmental pollutant arsenic-induced hepatotoxicity in rats: Role of PI3/Akt mediated Nrf2 signalling pathway
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### **ORAL SESSION-6B: BIODIVERSITY MANAGEMENT AND CONSERVATION-I**

**VENUE-** CONFERENCE HALL 3; **TIME-** 9:15 AM TO 10:55 AM

**SESSION CHAIRS:** PROF. PRAKASH NAUTIYAL, HNBGU & DR. KARTIK NEOG, CMER&TI

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>9:15-9:35 am</b>	Arun K Singh	Biotic stresses management through integrated approaches inclusive of farmers' value chain development in biodiversity of North eastern region
<b>9:35-9:55 am</b>	Padmavati Manchikati	Enabling biodiversity monitoring under access and benefit sharing in India: role of State Biodiversity Boards
<b>9:56-10:16 am</b>	Ranjit Kumar	Atmospheric biodiversity: implications to climate change and health
<b>10:17-10:37 am</b>	EK Nareshwar	Can outward bound activities aid biodiversity conservation?
<b>10:38-10:44 am</b>	Pranab Pal	Sustainable development as biodiversity conservation bandwagon
<b>10:45-10:53 am</b>	Oinam Premila Chanu	Conservation of local precious flora and fauna should be started from our homestead land
<b>10:54-11:00 am</b>	Rahul Dutta	Impact of heavy metals on aquatic ecosystems and human health : A case study on Baralia river near Rangia town

### **ORAL SESSION-7A: HUMAN AND LINGUISTIC DIVERSITY-II**

**VENUE-** CONFERENCE HALL 1; **TIME-** 11:10 AM TO 12:50 PM

**SESSION CHAIRS:** PROF. GEORGE VAN DRIEM, UOB & DR. TANMOY BHATTACHARYA, DU

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>11:10-11:30 am</b>	Pankaj Srivastava	Genetic diversity in central Indian populations
<b>11:31-11:51 am</b>	Gyaneshwar Chaubey	Revisiting the role of Himalaya in shaping the human population history of Himalayan and adjoining region
<b>11:52-12:12 pm</b>	Ankit Srivastava	Forensic DNA Typing: Practical approaches and Guidelines
<b>12:13-12:19 pm</b>	Susanta Sarma	Tuberculosis (TB) in North East India may cast a ghastr shadow over the fate of public health in this region
<b>12:20-12:26 pm</b>	Samrat Bora	North East India, a dynamic theatre for human diversity
<b>12:27-12:47 pm</b>	Bhaskar Borgohain	Diversity of pathogens in orthopaedic diseases

### **ORAL SESSION-7B: INSECT BIODIVERSITY-I**

**VENUE-** CONFERENCE HALL 2; **TIME-** 11:10 AM TO 12:30 PM

**SESSION CHAIRS:** DR. ANIL CHILLAR, MDU ROHTAK & DR. JAYADITYA PURKAYASTHA, HELP EARTH

TIME	SPEAKER	LECTURE TITLE
11:10-11:40 am	Toru Shimada	Genetic mechanisms of uric acid accumulation in epidermis and riboflavin storage in Malpighian tubules are conserved between mulberry silkworm <i>Bombyx mori</i> (Bombycidae) and eri silkworm <i>Samia ricini</i> (Saturniidae)
11:41-12:01 pm	Jogesh Deuri	Seriodiversity & silk in BTC: a study on sericulture development in BTC for the socio-economic development of the Bodos
12:02-12:12 pm	Bhoj Kumar Acharya	Conservation of butterflies in the socio-ecological landscape of Sikkim Himalayas, India
12:13-12:19 pm	Hridisha Nandana Hazarika	Diversity of ants (Hymenoptera: Formicidae) in Gauhati University campus during monsoon season
12:20-12:26 pm	Anitha Abraham	A study on the spider diversity of Kadamakkudy wetlands, Ernakulam, Kerala

**ORAL SESSION-7C: BIODIVERSITY MANAGEMENT AND CONSERVATION-II**

**VENUE-** CONFERENCE HALL 3; **TIME-** 11:10 AM TO 12:50 PM

**SESSION CHAIRS:** PROF. K. KANNAN, GGSIU & PROF. KHAGEN BASUMATARY, GACH

TIME	SPEAKER	LECTURE TITLE
11:10-11:40 am	Shannon Olsson	When changing your mind changes your species: A 150-year-old mystery of intrigue and apples
11:41-12:01 pm	EK Nareshwar	Mitigating climate change at the grassroots level – Impact on local biodiversity
12:02-12:22 pm	Sunit K. Singh	Diverse viruses play with the diversity of microRNAs for their pathogenesis
12:23-12:43 pm	D. K. Jha	Development of microbial consortium for bioremediation of coal mine spoils
12:44-1:02 pm	M. Ravi Shankar	Cutting fluid emissions in mechanical machining and its adverse effects on biodiversity
1:03-1:09 pm	Ajoy Das	Orchid conservation chronicle: the current status in NE India

**ORAL SESSION-8A: BIOBANKING**

**VENUE-** CONFERENCE HALL 1; **TIME-** 2:00 PM TO 3:30 PM

**SESSION CHAIRS:** DR. PANKAJ SRIVASTAVA, SFSL MP & DR. DK JHA, GU

TIME	SPEAKER	LECTURE TITLE
2:00-2:20 pm	Anil K. Saxena	NAIMCC: Biobank of agriculturally important microorganisms

<b>2:21-2:41 pm</b>	Avinash Sharma	National Centre for Microbial Resource: A microbial reservoir at National Centre for Cell Science, Pune
<b>2:42-3:02 pm</b>	Arindam Basu	The Tata Medical Center Cancer Biorepository (TiMBR)
<b>3:03-3:23 pm</b>	Sadanand D Sontakke	Frozen Zoo: Biobanking of Indian wildlife

### **ORAL SESSION-8B: INSECT BIODIVERSITY-II**

**VENUE-** CONFERENCE HALL 2; **TIME-** 2:00 PM TO 3:00 PM

**SESSION CHAIRS:** PROF. SUNIT SINGH, IMS, BHU & DR. JOGESH DEURI, DOS-BTC

<b>TIME</b>	<b>SPEAKER</b>	<b>LECTURE TITLE</b>
<b>2:02-2:22 pm</b>	Kesavan Subaharan	Nanomatrix for delivery of semiochemicals
<b>2:23-2:43 pm</b>	Utpal Bora	Diversity of insect mitochondrial genomes
<b>2:44-3:04 pm</b>	Kartik Neog	Seri-biodiversity: strategies for development of high yielding muga and eri silkworm races
<b>3:05-3:20 pm</b>	Mahananda Chutia	Pathogens load in semi-domesticated muga silkworm ( <i>Antheraea assamensis</i> Helfer): Impact on silkworm rearing and conservation
<b>3:20- 3:30 pm</b>	Deepika Singh	Mitochondrial genome sequencing of <i>Antheraea assamensis</i> (Muga silkworm) and comparative analysis with other lepidopteran insects