

## India Biodiversity Meet 2019

### List of selected participants for poster presentation

#### A. Theme: Biodiversity and ecosystem functioning

Name	Affiliation	Paper title
Anandita Buragohain	Cotton University	Heteropteran Diversity of Two Different Ecosystems of Guwahati
Anish Paul	Visva-Bharati University	The Calling Pattern Of Three Striped Palm Squirrel <i>Funambulus palmarum</i> And Difference Between Their Broad Classes Of Calls
Anupriya Biswas	Durgapur Govt. College	Assessment of vegetation structure, diversity and dominance in Rupganj forest, Durgapur, West Bengal
Arghya Biswas	Barasat Government College, WBSU	Bioecology of dung beetle, <i>Oniticellus cinctus</i> (Fabricius) (Coleoptera : Scarabaeidae : Coprinae) occurring in the dairy farm of Ramkrishna Mission Ashrama, Narendrapur, West Bengal
Debaraj Bhattacharyya	University of Kalyani	Molecular Typing of Carbapenem Resistant <i>Klebsiella</i> sp. from Fresh Water Pond Ecosystem in West Bengal
Debjyoti Mukherjee	Visva-Bharati University	DIVERSITY OF MOSS FLORA IN SINGALILA NATIONAL PARK AREA, DARJEELING, WEST BENGAL
Harshini Yadvendradev Jhala	Wildlife Institute of India	Assessing the potential and feasibility of reintroducing two Grassland Megaherbivores, the Greater One-horned Rhinoceros and the Swamp Buffalo in their historic Global range.
Imran Alam	Zoological Survey of India	Adaptation in Breeding Behaviour of House Crow <i>Corvus splendens</i> in Urban Ecosystem of Kolkata
Indrani Samaddar	Krishnagar Government College, Nadia	Diversity and Seasonal Variation of Tenuipalpid Mites Infesting Medicinal and Aromatic Plants of Sundarban, West Bengal, India.
Maitry Jani	Wildlife Institute of India, Dehradun	Microhabitat Selection And Relevance Of Micro-scale By Juveniles And Adults Of Two Funnel-Web Spiders.
Mithun Sarkar	Barasat Govt. College, WBSU	Diversity and Abundance of Soil Microarthropods in Three Different Garden Plots of Ramakrishna Mission Vivekananda Ashrama, Narendrapur, South 24 Parganas, West Bengal
Mushike Saisri	Tula's institute	Effects of uranium mining on biodiversity of Nallamala forest
Naresh Khanal	Tribhuvan University	Determinants of Tiger Prey Base Distribution and Relative Abundance in Bardia National Park and Adjoining Khata Corridor
Progya Dasgupta	Forest Research Institute, Dehradun	Threats to Indian Wildlife Due to Forest Fragmentation
Rajdeep Das	Lady Brabourne College	First Insights into the Rhizospheric Bacterial Abundance of <i>Bruguiera gymnorhiza</i> (L.) Lam. from the Indian Sunderbans using Metagenomics Screening
Roli Shukla Ray	Durgapur Government College, Durgapur	Identification And Comparative Seasonal Variation In Species Diversity Of Butterflies In Three Sites Of West Bengal
Rubina Azmeera Begum	Cotton University	Heteropteran Diversity of two different Ecosystems of Guwahati
Ruzbeh Mirza	The Maharaja Sayajirao University of Baroda, Vadodara	Occurrence of various scleractinian assemblages around <i>Favia fava</i> and their density in the intertidal pools of Narara and Poshitra coastal reefs, Marine National Park, Jamnagar.

Santana Saikia	Cotton University	Heteropteran diversity of two different ecosystem of Guwahati
Santanu Chakraborty	University of Calcutta	Species Composition Of By-Catch Fishes During Tiger Prawn ( <i>Penaeus Monodon</i> ) Seed Collection From Sundarban Mangroves, India
Shami Akhter	Barasat Government College	Aquatic insects biodiversity of two freshwater ponds of Ramakrishna Mission Ashrama, Narendrapur, S-24 parganas
Susraba Chatterjee	Barasat Government College	Haemocytes of Grasshopper (Orthoptera) Act as Indicator for Climatic Changes: Role of Environmental Toxicants in Alteration of Food Chain

## B. Theme: **Climate change impact assessment**

Name	Affiliation	Paper title
Ayushman Malakar	Forest Research Institute, Dehradun	Forest Fire Monitoring and Alert Systems in India: An Initiative Towards Biodiversity Conservation
Malavika Bhattacharya	Techno India University, West Bengal	A brief study on effect of Climate Change on Crop production, Food Security and Increasing Occurrences of Diabetes
Shibsankar Roy	Indian Statistical Institute, Kolkata	Exploring the Contributions of Acharya Jagadish Chandra Bose in Quantifying Plant Responses against Environmental Factors in Short Time Scales
Thota Greeshma	Tula's institute	Climate change impact of Southern India

## C. Theme: **Mathematical and statistical ecology**

Name	Affiliation	Paper title
Santanu Biswas	Adamas University	Optimal intervention strategies for Visceral Leishmaniasis model in South Sudan
Soham Pattekar	University of Kent/ WWF-India	Fine-Scale Habitat Use and Detection of Dholes ( <i>Cuon alpinus</i> ) In Two Protected Areas of Western Ghats, India.
Soumyajit Basak	International Institute for Population Sciences, Mumbai	A mathematical model for capturing the multiphasic response of the fitness of china's population
Sujayan Gupta	St. Xavier's College, Kolkata	Distribution of the difference of prime numbers
Supriya Bhagat	Institute of Chemical Technology, Mumbai	Identifying the sensitivity of model parameters using interval specific estimates from growth data
Trina Roy	Indian Statistical Institute	A new mathematical model with density regulated growth rate for autocrine mediated tumour dynamics
Urbi Datta	Institute of Chemical Technology, Mumbai	Interplay of Prior Information and Model Selection in Bayesian Data Analysis
Vinaya Deshmukh	Institute of Chemical Technology, Mumbai	Population Estimation of Sarus Crane Using Resampling Methods for Small Sample Size in Gujarat

**D. Theme: Sustainable agriculture and natural resource management**

Name	Affiliation	Paper title
Abdul Rakeeb.M	Tulas Institute	Management of Natural Resources
Anindita Sinha	Kalyani University	Enhancement of secondary metabolites of <i>Monascus</i> by interspecies protoplast fusion
Manish Kanti Biswas	Surendranath College	Integrated Pest Management for Sustainable Intensification of Agriculture
Sabnam Parvin	Satyakinkar Dey Academy, Birbhum	Potentiality of Small Fishes in Social Rural Upliftment
Sannidhya De	Presidency University	Assessment Of Antimicrobial And Anti-Oxidant Activity Of An Ethnomedicinally Used Plant, <i>Heliotropium indicum</i> Against Some MDR Human Pathogenic Bacteria
Shreya Samanta	The University of Burdwan	Nutrient Enrichment of Fish and Habitat Restoration by Using Chironimid Larvae.
Soham Hazra	Bidhan Chandra Krishi Viswavidyalaya	YVMV and ELCV, the limiting factor for okra production: Mutation breeding is a viable alternative for Resistance breeding
Soumalya Chakraborty	Presidency University	Evaluation of antimicrobial activities and phytochemicals of an ethnomedicinal plant <i>Bacopa monnieri</i> against specific human pathogenic MDR bacteria
Suren Murmu	Bidhan Chandra Krishi Viswavidyalaya	Adaptation Of Agri-Horti-Silvi Culture Model As `Natural Resource Management, Enhacing Livelihood Vis-A Vis Climate Change In Red And Laterite Zone Of West Bengal
Tamanna Perween	Bidhan Chandra Krishi Viswavidyalaya	An Overview of Diversified Underutilized Fruits in India
Urjashi Bhattacharya	Bidhan Chandra Krishi Viswavidyalaya	Study of different weed management strategies on weed dynamics, growth and yield of kharif transplanted rice