

Programme

National e-Conference On

‘Bioresources and Sustainable Livelihood of Rural India’

September 28-29, 2020

Organized by

Department of Botany, Nagaland University, Lumami-798627, Nagaland

Venue: Online; Host Venue: Department of Botany

DAY – I (28. 09. 2020) (Monday)

Inaugural Session

(Session Link: meet.google.com/xod-xgvh-ibv)

Time: 10.15 A.M. – 11.45 AM

Chair Person: Dr. Neizo Puro

Sequence of Events		Apprx. Time (Min.)
Prayer	Dr. Bendangnaro Jamir	2
Welcome Address	Prof. Chitta Ranjan Deb, Head, Department of Botany & Organizing Secretary, National e-Conference	7
Short Speech	Prof. Sangyu Yaden, Dean, School of Sciences, NU	5
Inaugural Address	Prof. Pardeshi Lal, Vice Chancellor, Nagaland University	10
Keynote Address	Prof. Pramod Tandon, CEO, Biotech Park, Lucknow (Bioeconomy: Entrepreneurship and Innovation for Sustainable Livelihood)	40
Words of Appreciation	Dr. Asosii Paul	5

DAY – I (28. 09. 2020) (Monday)

Technical Session – I

Time: 12.15 – 2.00 PM

(Session Link: meet.google.com/xod-xgvh-ibv)

Coordinator: Dr. Neizo Puro

Abstract No.	Title of the Paper	Authors & Presenting Author	Time Allotted for Presentation
Invited Talk -1	Biodiversity Conservation in Eastern Himalaya: with Notes on Ethnobotanical Perspectives	Prof. A. P. Das, RGU, AP	12.15-1.55 PM (35+5 min)
Invited Talk -2	From Field to Lab to Field: A Perspective of Native Microorganisms in <i>Jhum</i> Agriculture	Prof. S. R. Joshi NEHU, Shilling	1.10--1.50 PM (35+5 min)

Technical Session – II

Time: 02.30 – 4.30 PM

(Session Link: meet.google.com/xod-xgvh-ibv)

Coordinator: Dr. Neizo Puro

(All Presenting Authors are Requested to Maintain the Time Allotted for Respective **ONLINE Presentation and Join the Session At least 1 hour before Their Allotted Time, as If any Presenter is Absent/Unable to Join for Presentation, Next Presenter will be Allowed to Present before Allotted Time)**

Sub-Themes

1. Bioresources and Conservation

2. Microbial Bioresources

Note: All contributory papers will get 8 min for presentation and 2 min for discussion

Abstract No. 03	Cultivation of High Altitude Medicinal and Aromatic Plants: A Key for Sustainable Development and Bioresource Conservation in Higher Himalayan Region (HHR) of India	Vijay Kant Purohit , Bhagat Singh Mengwal, Pradeep Dobhaland Jaidev Chauhan	2.30-2.40 PM
Abstract No. 04	Nodule Characterization of Some Wild Legumes Collected from Nagaland	Maman Megu , Chitta Ranjan Deb and A. Paul	2.45-2.55 PM
Abstract No. 05	Pollination Biology of <i>Thunia alba</i> (Lindl.) Rchb. f. (Orchidaceae) and Conservation and Their Natural Habitat	Bhaskar Buragohain and S. K. Chaturvedi	3.00-3.10 PM
Abstract No. 06	Description of a New Fish Species of the Genus <i>Garra</i> (Teleostei: Cyprinidae) from the Brahmaputra Basin, Nagaland, India	Sophiya Ezung , Bungdon Shangningam and Pranay Punj Pankaj	3.15-3.25 PM
Abstract No. 07	Correlation Studies Among the Water Physico-chemical Properties of Tsurang River, Nagaland	Khikeva Semy · M. R. Singh	3.30-3.40 PM
Abstract No. 08	Macropropagation of <i>Musa acuminata</i> cv Grande Nain by Rhizome Splitting	Thejano Ngullie , Chitta Ranjan Deb and A. Paul	3.45-3.55 PM

Abstract No. 09	Coldwater Fishery with Special Reference to Endemic Mahseer of Nagaland, Major Threats and Conservation Prospects	<u>Metevinu Kechu</u> and Pranay Punj Pankaj	4.00-4.10 PM
Abstract No. 10	Nodulation in Crop Legumes Grown in Home Garden of Lumami, Nagaland	<u>Bendangsenla Pongener,</u> Chitta Ranjan Deb, Asosii Paul	4.15-4.25 PM
Technical Session – III Time: 02.30 – 4.30 PM (Session Link: meet.google.com/rmh-bimd-nqf) Coordinator: Dr. A. Paul			
Sub-Themes 1. Bioresources and Conservation 2. Microbial Bioresources			
Note: All contributory papers will get 8 min for presentation and 2 min for discussion			
Abstract No. 11	DNA Barcoding: A Taxonomic Tool for Identification of Wild Orchids	<u>Joyrison Kamba</u> and Chitta Ranjan Deb	2.30-2.40 PM
Abstract No. 12	Effect of Different Media and Growth Supplements on <i>In Vitro</i> Seed Germination and Seedling Development of <i>Paphiopedilum venustum</i> (Wall. ex Sims), an Endangered Terrestrial Orchid	<u>Bengia Mamu,</u> R.K. Singh and Oyi Dai Nimasow	2.45-2.55 PM
Abstract No. 13	Potential Algal Resources from Kohima District, Nagaland	<u>Keviphruonuo Kuotsu</u> and S. K. Chaturvedi	3.00-3.10 PM
Abstract No. 14	Fungal Population of Rhizospheric Soil from Banana Plantation Site at Mokokchung District, Nagaland, India	<u>W. Temjen,</u> M. R. Singh, T. Ajungla and A. Kichu	3.15-3.25 PM
Abstract No. 15	Morphological Identification of Fungi in Tea Soil	<u>Asangla Kichu,</u> T. Ajungla, Thsangla	3.30-3.40 PM
Abstract No. 26	Ethnobiology of the Traditional Alcoholic Rice Beers of Nagaland, India	<u>Lydia Yeptho</u> and T. Ajungla	3.45-3.55 PM
Abstract No. 27	Indigenous Knowledge on Wild Edible Mushroom and its Potent Efficacy as Bioresource in Nagaland, India	<u>Gloria Nyenthang</u> and T. Ajungla	4.00-4.10 PM
Abstract No. 36	Ethnobotanical Studies on Some Legumes used by Angami, Ao and Konyak Tribes of Nagaland, Northeast India	<u>Phejin Konyak</u> and Limasenla	4.15-4.25 PM
Abstract No. 37	Ethnobotanical Resources Used by Angami-Naga Tribe of Kohima District, Nagaland, India	<u>Ruokuonuo Kuotsu</u> and Limasenla	4.30-4.40 PM

DAY – 2 (29. 09. 2020) (Tuesday)

Technical Session – IV

Time: 10.00 AM –11.45 AM

(Session Link: meet.google.com/xod-xgvh-ibv)

Coordinator: Prof. Chitta Ranjan Deb

Invited Talk-3	Bio-Resources for Sustainable Livelihood-Case Studies from Thar Desert and North-Eastern Region of India	Prof. S. R. Rao NEHU, Shillong	10.00-10.40 AM (35+5 min)
Invited Talk - 4	The Prospects of Shiitake Farming in Northeast India	Dr. Sosang Longkumer Director, Konger Agritech, Nagaland	10.55- 11.35 AM (35+5 min)

Technical Session – V

Time: 12.15 – 2.40 PM

(Session Link: meet.google.com/xod-xgvh-ibv)

Coordinator: Dr. A. Paul

Sub-Themes

1. Value Addition of Local Bioresources and Livelihood

2. Role of NGOs / SHGs / Social Entrepreneur / Community Participation/IPR

Abstract No. 38	Push-Pull Factor for Rural-Urban Migration: A Case Study in Ekeshwar Block, Uttarakhand, India	<u>Nitesh Rawat</u> , R.S. Negi and Santosh Singh	12.15-12.25 PM
Abstract No. 39	Consumers' Perception towards CSR Practices Adopted by Companies in the North Eastern Region of India	Arvind Kumar and <u>Taanika Arora</u>	12.30-12.40 PM
Abstract No. 40	Bioresources and Sustainable Livelihood of Rural India: Role of Self Help Groups	<u>Jube Boruah Mondal</u>	12.45-12.55 PM
Abstract No. 16	Common Property Resources (CPRs) and Sustainability in North East India	<u>Sumita Banik Saha</u>	1.00-1.10 PM
Abstract No. 17	Dependency of Tangsa People on Surrounding Wild Vegetation in the Changlang District of Arunachal Pradesh	<u>Pyonim Lungphi</u> , Ayam Victor Singh and A. P. Das	1.15-1.25 PM
Abstract No. 18	Wild Anti-diabetic Plants and Their Traditional Remedies from Lakhimpur District of Assam, India	<u>Pinki Gogoi</u> , Abhaya Prasad Das and Ayam Victor Singh	1.30-1.40 PM
Abstract No. 19	Tourism Development Strategies of Uttarakhand Using SWOT Analysis: A Review	<u>Santosh Singh</u> and R. S. Negi	1.45-1.55 PM
Abstract No. 20	Folklore Medicinal Plant of Arunachal Pradesh Used as Immune Modulators	<u>Ashish Kumar Tripathi</u> , Limasenla, Rama Shankar	2.00-2.10 PM
Abstract No. 21	Aquatic Bioresources and Their Sustainable Utilization in Rudrasagar Lake of Tripura, Northeast India	<u>Moitree Taran</u> , Prabir Barman and <u>Sourabh Deb</u>	2.15-2.25 PM
Abstract No. 22	Scope for Value Added Product(s) from <i>Garcinia</i> species of Assam, India	<u>Ashish Kar</u> , N.K.Goswami, Raghuraj Singh and Satayanshu Kumar	2.30-2.40 PM

Technical Session – VI**Time: 12.15 – 2.55 PM****(Session Link: meet.google.com/rmh-bimd-nqf)****Coordinator: Dr. Neizo Puro**

Abstract No. 23	Utilization of Bioresources for Medicinal Purposes by the <i>Gaddis</i> of Bharmour (Himachal Pradesh) and the Factors Affecting Their Transhumance	<u>Alpy Sharma</u> , Sanjay Kr. Uniyal, Daizy Rani Batish	12.15-12.25 PM
Abstract No. 24	Charcoal – A Value Addition Option of Bamboo	<u>Runumee D. Borthakur</u> , R. K. Kalita and S. J. Bora	12.30-12.40 PM
Abstract No. 25	A Preliminary Study on Wild Edible Fruits and Vegetables Used by the Ao-Naga Tribe of Mokokchung District of Nagaland, India	<u>Piyongchila Jamir</u> and Limasenla	12.45-12.55 PM
Abstract No. 28	The Value Addition Study of Honey- a Source of Anticancer Compound Chrysin	<u>Khumukcham Nongalleima</u> , P. Yuvaraj, Huidrom Birkumar Singh	1.00-1.10 PM
Abstract No. 29	Bamboo as a Potential Source of Livelihood in Nagaland, India	<u>Maongkala Walling</u> and Neizo Puro	1.15-1.25 PM
Abstract No. 30	Introduction of <i>Bambusa tulda</i> Roxb. along with Shifting Cultivation as a Sustainable Bioresources	<u>Pangwan M Konyak</u> and T. Ajungla	1.30-1.40 PM
Abstract No. 31	NTFPs as Means of Livelihood in Mon District Nagaland	<u>Andrew Konyak</u> and Neizo Puro	1.45-1.55 PM
Abstract No. 32	Diversity of Lesser Known Edible Legumes of Nagaland and Their Nutritional Analysis	<u>Aolemla Pongener</u> and Chitta Ranjan Deb	2.00-2.10 PM
Abstract No. 33	Wild Bioresources Used for Livelihood in Phek District, Nagaland	<u>Pfüchüpe-ü Mero</u>	2.15-2.25 PM
Abstract No. 34	Molecular Identification, Quantification of Phytochemical Contents and Antioxidant Activity of <i>Dendrobium heterocarpum</i> Wall. ex Lindl.: a Potential Medicinal Orchid	<u>Temjennokcha B. Longchar</u> , Chitta Ranjan Deb, N. S. Jamir	2.30-2.40 PM
Abstract No. 35	Nutritional Assessment of Some Wild <i>Musa</i> of Nagaland, India	<u>Thejavitsu Noah Vupru*</u> , Asosii Paul, Bendangnaro Jamir and Chitta Ranjan Deb	2.45-2.55 PM
