DAY: 3 Daate: 27.04.2023 (Thursday)

Technical Session: 11

Title of session:	Time: 10:30 AM – 5: 00 PM		
Climate change, adaptation and resilience and rural features and	Venue: Room 3, Academic Complex Building		
carbon sequestration and crop response to climate change, carbon			
credit, Ecology and Ecosystem, Biological Invasion and Ecosystem			
Services and conservation, Food security, Community science Social	Moderator		
science Gender and Livelihood and IPR and IT issues, women 1: Dr. Nagen Sarmah Barua Prof. PBG, AAU, Jorhat			
empowerment in relation to climate change, extension education, 2: Dr. Sikander Pal, Associate Professor (Plant Physiologist), Department			
technology dissemination, income generation, Climate change and	of Botany, University of Jammu, Jammu		
Human health			
Chairperson: Dr. R. K. Borah, Director, RFRI, Jorhat	Rapporteurs:		
Co-Chairperson: Dr. Sathyanarayana Kutala, Central Tasar Research and	1. Mr.Athar Nishat Islam, Department of Agri. Meteorlogy, AAU,		
Training Institute, Ranchi – 835303, Jharkhand, India	Jorhat		
	2. Dr Gayatri Goswami Kandali, Department of Soil Science		
Time al	location:		

Time allocation:

Key note: 15 Min - 3 Nos. (45 min) Lead lecture: 12 Min – 3 Nos. (36 min) Invited talk = 10 Min - 4 Nos. (40 min) Oral = 8 Min - 36 Nos. (288 min; 4 Hrs 48 min)

Panel discussion: 30- 60 Min

Poster session: after completion of oral presentation - 27 posters

Climate change

S.No.	Topic	Affiliation	Email ID	Mode of presentation
1.	Plant-pollinator interactions in relation to climate change: potential shifts and challenges	P. V. Rami Reddy Division of Crop Protection ICAR-Indian Institute of Horticultural Research, Bengaluru – 560089, India	venkataramireddy.p@icar.gov.in; pvreddy2011@gmail.com	Keynote
2.	Blue economy: a way to develop small island states	Professor WasanthaRathnayake, Vice Chancellor of Ocean University of Sri Lanka	warath1@gmail.com	Keynote
3.	Unleashing tribal entrepreneurship through tropical Tasar silk value chain	SathyanarayanaKutala, Central Tasar Research and Training Institute, Ranchi – 835303, Jharkhand, India	skutala@yahoo.com	Keynote
4.	Common errors in scientific writing	Michael Pillay Vaal University of Technology, Private Bag X 021, Vanderbijlpark, South Africa (Erudite Scientific Editing and Science Solutions)	michaelpillay1950@gmail.com	Lead
5.	Climate resilient technology	Dr. Mrinal Saikia, ADR, AAU, Johat-13	mrinal.saikia@aau.ac.in	Lead
6.	Mainstreaming agro biodiversity in sustainable food system	Dr.RupamBorgohain, AAU, Jorhat	rupam.borghain@aau.ac.in	Lead
7.	Carbon sequestration in grass based cropping systems to improve soil health under changing climate	Bheru Lal Kumar and KK Agrawal Department of Agronomy, College of Agriculture, Jawaharlal Nehru Agricultural University, Jabalpur-482004	prajapatiagro09@gmail.com	Invited
8.	Exploring the potential of halophytes in sustainable agriculture for food security	M. Suhail Khan ¹ ¹ University School of Biotechnology, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi 110 078, India. ² Prof. H.S. Srivastava Foundation for Science &	drkhansuhail@gmail.com	Invited

		Society, Lucknow, India		
9.	Utilization of sediment microbial fuel cell for concurrent environmental remediation, bioelectricity generation, and environmental biosensing applications	Chamath D.Y. YahampathArachchige Don*, and Tanujjal Bora Center of Excellence in Nanotechnology, School of Engineering & Technology, Asian Institute of Technology, PO Box 4, Klong Luang, Pathum Thani 12120, Thailand.	chamath@ait.asia	Invited
10.	Women's empowerment through value addition of horticultural crops for sustainable livelihood	Jayalaxmi B Pawar*, Pushpa P, Surekha Sankanagoudar and Nandini B College of Horticulture, Kolar, UHSB, Karnataka- 563103	jayapvilas@gmail.com	Invited
11.	Carbon stored in community forests of Phayeng village, Imphal West, Manipur	Ashem Rahul Singh*, Salam Rita Devi, JoyprakashNongmaithem, PriyanandaNingthoujam Directorate of Environment and Climate Change, Porompat, Imphal East, Manipur	benthhook@gmail.com	Oral
12.	Impact of land use change on stand attributes, biomass and soil carbon storage in north east India	Bandana Kurmi ¹ and ArunJyoti Nath ¹ ¹ Department of Ecology and Environmental Science, Assam University, Silchar, 788011, India	bandanakurmi@gmail.com arunjyotinath@gmail.com	Oral
13.	Long-term integrated application of organics with reduced doses of chemical fertilizers in rice-rice system enhances soil carbon stock and sequestration potentiality	Bhabesh Gogoi*, Monisha Borah, Ajay Sankar Bora, and Kalyan Pathak Advanced Centre for Integrated Farming Systems Research, (AICRP on Integrated Farming Systems under ICAR-IIFSR, Modipuram), Assam Agricultural University, Jorhat, Assam-785 013, India	bg100777@yahoo.co.uk	Oral
14.	Heavy metal studies in chelianthes species from Northern Western Ghats of Maharashtra	Manisha V. Kale Department of Botany, Jaysingpur College, Jaysingpur 416101, India	manishavkale@gmail.com	Oral

15.	Quantification of biomass carbon and soil organic carbon storage of dominant ecosystem types in KeibullamjaoNational Park, Manipur, India	Kambam Boxen Meetei ^{1*} , Meribeni Tsopoe ¹ , Krishna Giri ² and Gaurav Mishra ² ¹ Rain Forest Research Institute, Jorhat-785001, India ² Centre of Excellence on Sustainable Land Management, Indian Council of Forestry Research and Education, Dehradun-248 006, India		Oral
16.	Global warming potential of poultry production in India: evaluation using life cycle assessment approach	Mahak Singh*, N.Pongener, Rekha Yadav, R.N.Patton, R.TalimoaMollier, Trinayana Kaushik, Rahul Katiyar, Vinay Sing, H.Kalita and V.K.Mishra ICAR Research Complex for NEH Region, Nagaland Centre, Jharnapani, Medziphema-797106, Mahak Singh (), Scientist, Animal Reproduction and Gynaecology, ICAR Research Complex for NEH Region, Nagaland Centre, Medziphema, Nagaland-797106, India.	mahaksinghivri@gmail.com	Oral
17.	Climate change and its impact on agriculture	G.Mallesh,Ranjeet R. Kumar, Nandini G and Durgeshwari P. Gadpayale Division of Biochemistry, Indian Agricultural Research Institute, Pusa, New Delhi-110012	malleshgampa111@gmail.com	Oral
18.	Effect of elevated carbon dioxide and temperature on morpho- physiological processes in rice	Merentoshi ¹ , Ranjan Das ² , Sangita Das ² and Prakash Kalita ² ¹ Department of Genetics and Plant Breeding, School of Agricultural Sciences and Rural Development, Nagaland University, Medziphema, Nagaland ² Department of Crop Physiology, Assam Agricultural University, Jorhat, Assam, India	merenmollier@gmail.com	Oral

19.	Use of renewable energy for mitigation of cli	Washmara Dhanashri D. Dawar G. S. and	dhanashriwaghmare05@gmail.co	Oral
19.	change	Gharate P. S.	m	Orai
	Change	1,2,3 College of Agriculture, V.N.M.K.V.,		
		Parabhani		
20.	Eco-friendly aspects of tree species behaviour	Gunjan Patil ¹ , Preety Shah ² , Ramesh ² ,	gunjan210315@gmail.com	Oral
20.	towards the toxic metals	Abhishek Maitry ² and Damini Sharma ²	gunjan210313@gman.com	Orai
	towards the toxic metals	Department of Forestry, Wildlife and		
		Environmental Sciences		
		Guru Ghasidas Vishwavidyalaya, Bilaspur-		
		CG, India		
21.	Climate smart agriculture and advisory services:	HOLMUKHE S.S. AND KADAM R.P.	rpk.mkv@gmail.com	Oral
21.	approaches for future	Department of Extension Education,	ipkinik v eginam com	Oran
	Treasure and annual	VNMKV, Parbhani. (M. S.)		
		ss.holmukhe@gmail.com		
22.	Carbon sequestration by agroforestry: a way to	Mr. P.B. Manjare and Dr. G.S. Pawar	pravinmanjare8888@gmail.com,	Oral
	mitigate climate change	Vasantrao Naik Marathwada Krishi	gsp.mau@rediffmail.com	
		Vidyapeeth, Parbhani (M.S.)431402		
23.	An insight into elevated ozone induced alterations	Priyanka Singh * and S. B. Agrawal	priyankasbhu@gmail.com	Oral
	in various cytotypes of <i>Abelmoschus</i> (okra)	Laboratory of Air pollution and Global		
		Climate Change, Department of Botany,		
		Institute of Science, Banaras Hindu		
		University, Varanasi-221005		
24.	Performance of oak tasar silkworm breeds C-27	JagadajyotiBinkadakatti*, Vishal Mittal, A.	jagadajyothi@gmail.com	Oral
	and RTRS-1 in North-Western India: a sustainable	S. Verma and K. Sathyanarayana		
	livelihood source	Central Tasar Research and Training		
		Institute, Piska-nagari, Ranchi-835303,		
		Jharkhand, India		
25.	Impacts of climate change on food security	Gharate P.S ^{1*} , Pawar G.S ¹ . And Waghmare		Oral
		$G. M^2.$		
26	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	College of Agriculture, VNMKV, Parbhani	11: 1 246::: 11 1 1 :	0 1
26.	Land use changes and their impacts on ecosystem	Rakhi Yadav, Dhanya Bhaskar,	rakhiyadav24@iifmbhopal.edu.in	Oral
	service supply from an urban protected area: the	Samudyatha R and Sarang KT		
	case of Bannerghatta National Park (BNP),	Indian Institute of Forest Management,		
	Bengaluru	Bhopal, Madhya Pradesh, 462003		

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27.	POTENTIAL OF STEM Water soluble carbohydrates (WSC) for wheat grain filling under ELEVATED temperature stress	Suvarna Gare ¹ , R. S. Wagh ² , A. U. Ingle ³ , Jagdish Rane ⁴ and G. M. Hamane ⁵ 1, 3 and 5, Department of Agril. Botany, MPKV, Rahuri 2, CIP, MPKV, Rahuri 4, SDSM, NIASM, Baramati	gare.suvarna111@gmail.com	Oral
28.	Understanding the social exclusion process of Santal community in Bangladesh: a study on Godagari and Tanoreupazila in Rajshahi district	Arpita Dutta Bangladesh University of Professionals, Dhaka, Mirpur 12, 1216	arpi.dut55@gmail.com	Oral
29.	Reverse migration, as a form of coping strategies during Covid-19 pandemic in Bangladesh: a study of internal migrants in Rangpur district	AvijitSaha Bangladesh University of Professionals, Zip Code-1214,	avijitsaha446@gmail.com	Oral
30.	Empower women farmers through climate smart initiative	Holmukhe S.S., Kadam R.P. Department of Extension Education, VNMKV, Parbhani (M. S.)	ss.holmukhe@gmail.com rpk.mkv@gmail.com	Oral
31.	Communityconservedareas:atribalperspective	Imlinungla Department of Zoology, Fazl Ali College, Mokokchung- 798601, Nagaland: India,	anunglongchar@fac.ac.in	Oral
32.	A study on assessment ofenvironmental knowledge and responsibility among college students	Meenakshi Namburi¹andRajeshwari Desai ¹Department of FamilyResource Management, College of Community Science, University of Agricultural Sciences, Dharwad 580 005, Karnataka, India. ² AICRP (FRM), University of Agricultural Sciences, Dharwad 580 005, Karnataka,	meenakshi.namburi@gmail.com / rajmanohardesaiuas@gmail.com	Oral

		India		
33.	Exploring dimensions of sustainability in Indian dietary patterns	Nidhi Joshi ^{1*} , Rita Singh Raghuvanshi ¹ ¹ Department of Foods and Nutrition, College of Home Science, Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Udham Singh Nagar, Uttarakhand- 263145.	nidhicuty.80@gmail.com	Oral
34.	Agriculture based food producing countries are less secured in food	J. Aktar and K. M. S. Islam Department of Animal Nutrition, Bangladesh Agricultural University, Mymensinfg-2202, Bangladesh.	jesmin.an@bau.edu.bd	Oral
35.	Healthcare and nutritional status of women in the state of Assam: analysis of NFHS 5	Priyanka Koiri Department of geography, B. Borooah college, Guwahati –781007.	priyankakoiri.jnu@gmail.com	Oral
36.	Exploring the socio-economic condition and menstruation hygiene behavior of female tea estate workers: a study on tea estates of Moulvibazar, Bangladesh	Redowan Islam Palash ¹ Department of Sociology, Bangladesh University of Professionals (BUP) House No-55/2/4, South Mugda, Dhaka, Bangladesh.	redowan.islam.palash@gmail.com	Oral
37.	Trends and prospects of female labour force participation rate in agricultural sector of Assam with some selected variables	Abhishek Thakur, Smrita Barua Assam AgriculturalUniversity,JorhatAssam	smrita.barua@aau.ac.in	Oral
38.	Farmers' preferences and their 'willingness to pay (WTP) for CSA practices and factors likely to influence thereon.	Sundar Barman ^{1*} and Pradip Kumar Neog ² ¹ Department of Extension Education, FA, AAU, Jorhat, ² Extension Education Institute (NER), AAU, Khanapara, Guwahati	sundar.barman@aau.ac.in,	Oral

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39.	Fragmented population status of blackbuck (Antilope cervicapra) in Rajasthan andseasonal variation in their group size	Tapan Adhikari*, HS Gehlot Department of Zoology, Jai NarainVyas University Jodhpur, Rajasthan-342001	tapanedu@gmail.com	Oral
40.	Do traditional agri-silvicultural systems benefit farmers? - a revelation by benefit-cost analysis of Grewia optiva on pea fields of Chakrata tehsil of Uttarakhand, India	Tara Kumari ^{1#} , Sohom Seal ² , R. Nautiyal ³ , Devendra Kumar ^{1, 1} Forest Research Institute, Dehradun, Uttarakhand -248006, India. ² Wildlife Institute of India, P.O. Chandrabani, Dehradun-248001, India. ³ Instituteof Green Economy (IGREC), C2/24, First floor, Lord Krishna Enclave, Sushant Lok I, Gurugram 122009.		Oral
41.	Exploring the Rakhaine community of Kuakata: a study on their social position and challenges	Tasnim Tabassum Islam ² House -41, Road-01, Dhanmondi R/A, Dhaka- tasnim.ofc04@gmail.com 1209, Bangladesh.	tasnim.ofc04@gmail.com	Oral
42.	Protected areas-management issues and solution surban for aging for social-ecological resilience in the global south	SharmisthaRej*1, Dhanya Bhaskar and SamudyathaRamananda Indian Institute of Forest Management; Bhopal- 462003	srejfri21@iifmbhopal.edu.in	Oral
43.	Market arrival and price behaviour of some selected crops: a study from major markets of Assam	Sangita Borah*, Udeshna Talukdar*, Nivedita Deka* & Amir Ali Ahmed** *Department of Agril. Economics & FM **Amir Ali Ahmed, AMIU, AAU, Jorhat	sangita.borah@aau.ac.in	Oral
44.	Production and marketing constraintsof onion cultivationinHaryana	Shivam ¹ *, Usha ² , P. K. Nimbrayan ³ and V.P. Luhach ² ¹ Department of Business Management, CCS Haryana Agricultural University,	shivchaudhary29@gmail.com	Oral

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		Hisar-125004 ² Department of Agricultural Economics, CCS HAU Hisar		
45.	Market information services to accelerate agriculture production	Pushpa.P ¹ , Jayalaxmi Pawar ² , Annapurna F Neeralagi ³ and Chandan K ⁴ Universityof Horticultural Sciences, Bagalkot, Karnataka	pushpa.agri@gmail.com	Oral
46.	Dietary Intake and Food Insecurity Among Rural Households in Dangs District of South Gujrat	Vishal Thorat, Krishna Patil and YogeshGrade ASPEE Agribusiness Management Institute, NAU, Navasiri, Gujrat	vishalthorat@nau.in	Oral
47.	Millets as climate resilient crop under Assam condition	Angita Boruah*, Rajib Lochan Deka, Parishmita Das and Ratna Kalita1 Department of Agricultural Meteorology, Assam Agricultural University, Jorhat-785013, Assam, India 1Department of Agricultural Biotechnology, Assam Agricultural University, Jorhat-785013, Assam, India	angita.boruah.amj21@aau.ac.in	Poster
48.	Millets: it's role towards mitigating food security	G. D. Chandankar1, V V Tapare2,S S Munje3 and A. N. Warghat4 Dr.Panjabrao Deshmukh Krishi Vidyapeeth, Akola, M.S. 444606	gchandankar@rediffmail.com	Poster
49.	Cultivated and semi wild crop of North East and its scope for region specific diversification for climate resilientagriculture	K. Pathak*1, B. Baro2 and A. K. Sarmah3 Department of Agronomy, FA Assam Agricultural University Jorhat, Assam	* kalyan.pathak@aau.ac.in	Poster
50.	Adoption of major rice varieties - a case study in Nagaon district of Assam	Sinki Barman ¹ , Animesh Deka ² , Niranjan Deka ³ , Pallavi Deka ⁴ , Rudra Narayan Borkakati ⁵ ¹ *Krishi Vigyan Kendra, Simaluguri,	sinki.barman@aau.ac.in	Poster

51.	Climate change and global warming in North East	Nagaon, Assam ^{2, 3} Krishi Vigyan Kendra, Simaluguri, Nagaon, Assam ⁴ Krishi Vigyan Kendra, Udalguri, Assam ⁵ AAU-ZRS, Shillongani, Nagaon, Assam Anjan Sarma	anjanagrian123@gmail.com	Poster
31.	India	Dept. of Agronomy College of Agriculture, Assam Agricultural University, Jorhat-785013	anjanagram123@gman.com	Toster
52.	Climate change and its impact on sericulture	JilBoro Department of Sericulture, Assam Agricultural University, Jorhat-13	jil.boro.amj21@aau.ac.in	Poster
53.	Urban heat island (UHI)-its consequences and mitigation strategies	KamirTaropi, Dept. of Horticulture, AAU, Jorhat 785013,	kamir.taropi.adj21@aau.ac.in	Poster
54.	Strategies to mitigate climate change impact on muga sericulture ecosystem in Northeast India	Arunkumar KP, Mahesh DS and Vijayakumari KM Central Muga Eri Research and Training Institute (CMERTI), Central Silk Board, Ministry of Textiles, Govt. of India, Lahdoigarh–785700, Jorhat, Assam (India).	arunkallare.csb@gov.in	Poster
55.	Adaptability of new crop forage sorghum in the North-Eastern regions of India	Partha Pratim Behera ^{1*} , Avinash Singode ² , B. Bharali ³ , M K Modi ⁴ and Ramendra Nath Sarma ¹ ¹ Department of Plant Breeding and Genetics, Assam agricultural University, Jorhat- 785013, Assam ² Department of Plant Breeding, Indian Institute of Millets Research (IIMR), Hyderabad, Telangana, - 500030 ³ Department of Crop physiology, Assam agricultural University, Jorhat- 785013,	partha.behera.adj18@aau.ac.in	Poster

56.	Green roof: a potential tool to mitigate urban CO ₂ emission	Assam ⁴ Department of Agricultural Biotechnology, Assam agricultural University, Jorhat- 785013 PolashiKachari Department of Horticulture, Assam Agricultural University, Jorhat	polashikachari@gmail.com	Poster
57.	Crop response to nitrogen under elevated CO ₂ and temperature in rice (<i>Oryza sativa</i>)	PronameeDoulboruah Departmentof Crop Physiology, Assam Agricultural University, Jorhat. Pin- 785013,	pronamee.doulboruah.adj21@aau. ac.in	Poster
58.	Impact of climate change on pulse production and productivity: a brief review	Roshani Yadav*, Kuldip Medhi, Athar N. Islam andRajib L. Deka Department of Agricultural Meteorology, College of Agriculture, AAU, Jorhat- 785013	roshani.yadav.amj21@aau.ac.in	Poster
59.	Building resilience to climate change using AI in Indian agriculture	VarbinaBarkakoti, Parishmita Das and R. L. Deka Department of Agricultural Meteorology, Assam Agricultural University, Jorhat, Assam - 785013	varbina.barkakoti.amj22@aau.ac.i n	Poster
60.	Carbon credit: key to sustainable business practices	Pankaj Bharali Department of Textiles and Apparel Designing, Assam Agricultural University, Jorhat-13	pankajbharali228@gmail.com	Poster
61.	Agro tourism: a sustainable development for rural area	Aparna Gogoi ¹ and Dr. Sangita Borah ² Agribusiness, Department of Agricultural Economics and Farm Management, Assam Agricultural University, Jorhat-785013, India.	aparna.gogoi.amj20@aau.ac.in, sangita.borah@aau.ac.in	Poster
62.	Impact of digitization on women empowerment:	Debasmita Baruah	debasmita.baruah.amj19@aau.ac.i	Poster

	bridging the digital gender divide	Department of Agricultural Economics and Farm Management, Faculty of Agriculture, Assam Agricultural University, Jorhat, Assam Pin-785013	n; debasmita.baruah.adj22@aau.ac.in	
63.	Analysis of generalized topp-leone distribution based on order statistics with application	Devendra Kumar Department of Statistics, Central University of Haryana, India	smrita.barua@aau.ac.in	Poster
64.	Future generation's resource base-aim for sustainable agriculture and food security	Ellapu. Govardana Rao, Umesh C. Kalitha, ChandanA.S,FaheemAkhtar,AkshayUike, K.Goutham, Assam Agricultural University –Jorhat	govardhanraogopiellapu@gmail.c om	Poster
65.	Journey of microplastic from soil to the human body	Hiren Das ¹ , N. Surbala Devi ² , N. Venu ³ ,GottimukkulaSree Pooja ⁴ ¹ Department of Soil Science, Assam Agriculture University-Jorhat, Assam 785013 ² Department of SSAC, Central Agricultural University, Imphal, Manipur 795004 ^{3, 4} Agri-Business Management Division, ICAR-NAARM, Hyderabad- 500030	thehirendas@gmail.com	Poster
66.	Drying of flowers using different embedding materials for women empowerment	JutikaGoswami ^a , Supriya Langthasa ^b Department of Horticulture, Biswanath College of Agriculture, AAU, Biswanath Chariali; PIN: 784176,	jutikagoswami11@gmail.com, supriya.langthasa@aau.ac.in	Poster
67.	Climate impacts on agriculture food supply	Lairingdi Bodo, Department of Horticulture, Assam Agricultural University, Jorhat-785013,	lairingdi.bodo.amj21@aau.ac.in	Poster
68.	Status of food security of tribals: a study in	Lohita Rabha ¹ , U. Barman ² , P. Mishra2, S.	lohitarabha111@gmail.com	Poster

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	Bodoland Territorial Region, Assam, India	Barua, R.K. Sarma and H. Saikia ¹ Department of Extension Education, Assam Agricultural University, Jorhat- 785013, Assam ² Department of Extension Education, College of Horticulture and Farming System Research, Assam		
69.	Risk in agri business: management strategies by Assam agripreneurs	PayelMazinder Boruah ^{1*} , Rinumoni Buragohain ² and Nivedita Deka ³ ¹ MBA (Agri Business Management), Assam Agricultural University, Jorhat, Assam, India ² Assistant Professor, Department of Agricultural Economics, College of Horticulture and FSR ³ Department of Agricultural Economics, Faculty of Agriculture Assam Agricultural University, Jorhat, Assam, India	payel.boruah.amj20@aau.ac.in	Poster
70.	Climate change, sustainability & health assurance: strengthen bioeconomy,sea vegetables; Nori (laver) - new health and functional ingredient: the inside happening- taurine factor.	R. C. Gupta SASRD, Nagaland University Medziphema 797106, India	rameshgupta1954@gmail.	Poster
71.	Urban agriculture: acasestudy in Jorhat district of Assam	Chandan Ballav Baruah College of Agriculture, AAU	chandanballav38@gmail.com	poster
72.	Agri-tourism: an opportunity for youth for income generation	Antara Sharma Department of Horticulture, Assam Agricultural University, Jorhat	antara.sharma.amj21@aau.ac.in	Poster
73.	Status and growth trends in area, production and productivity of Assam lemon in Nalbari district of Assam	Debasmita Baruah Department of Agricultural Economics and Farm Management, Faculty of Agriculture, Assam Agricultural University, Jorhat,	debasmita.baruah.amj19@aau.ac.i n;	Poster

	Assam	

Panel Discussion

Ecosystem Services: Expanding the Application of the Concept in a Changing World with special reference to Himalayan and Northeast India

Panellists

- 1. Dr. J.C Rana, Coordinator, National Project, Alliance of Bioversity International and CIAT
- 2. Dr. Rohit Joci, CSIR- IHBT, Palampur
- 3. Dr. Michael Pillay, Vaal University of Technology, Private Bag X 021, Vanderbijlpark, South Africa
- 4. M. Suhail Khan, University School of Biotechnology, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi
- 5. Dr. Ranjan Das, AAU, Jorhat
- 6. Dr. P. V. RAMI REDDY, Division of Crop Protection, ICAR-Indian Institute of Horticultural Research, Bengaluru 560089, India
- 7. Professor WasanthaRathnayake, Vice Chancellor of Ocean University of Sri Lanka
- 8. Dr. SathyanarayanaKutala, Central Tasar Research and Training Institute, Ranchi 835303, Jharkhand, India

^{*}Chairperson and Co-chairperson will judge both oral and poster presentation session.

^{*}After completion of the oral presentations, the poster presentations will be judged.

^{*} Rapporteurs will submit the proceedings same day to Dr. P. K. Barua, Professor, PBG & Chairman, Technical Committee covering the particulars of presented papers, results and outcome of the sessions. (mail id:purna.barua@aau.ac.in)