

Day-4:
Date:28-04-2023 (Friday)
Session 15

Title of the session: 50 Years of Research achievement of AAU

Venue : Seminar Hall, Academic Complex (IDA) Building, AAU, Jorhat-13	Timing: 10.30 AM to 5.00 PM	
Chair: Dr. M.K. Bhattacharyya, Professor, ISU, USA Co-Chair : Dr.R. P. Singh, Chairman, Pollution Control Board, UP, Lucknow	Moderators: Dr. H. Choudhury, Professor, Crop Physiology, BNCA and Dr. M. K. Chauhan, Sr. Scientist, DoR, AAU Jorhat	Rapporteurs: Dr.Rupjyoti Borah, Extension Specialist, DoEE, AAU Jorhat Dr.Tulika Medhi, Jr. Scientist, AAU-SMAPRS, Buralikson and Dr. Karisma Borah, JRF, NAHEP Cell, AAU

Oral Presentation:

Sl. No.	Topic	Affiliation	Email ID	Mode of presentation
01	Optimizing transplanting time of <i>sali</i> rice using statistical and simulation models in Assam	KULDIP MEDHI, RAJIB LOCHAN DEKA, SANTANU K. BAL* and ATHAR N. ISLAM Department of Agricultural Meteorology, College of Agriculture, AAU, Jorhat-785013 *ICAR-Central Research Institute for DrylandAgriculture, Hyderabad, India-500059	kuldip.medhi@aau.ac.in	Oral
02	Experiencing on participatory action	S. Barman*, U.Barman, P. Mishra, R. K.	sundar.barman@aau.ac.in	Oral

	research on small and marginal farmers for enhancing crop productivity in rainfed ecosystem	Talukdar, S Barua, and D. Bora Department of Extension Education, FA		
03	An analysis of sustainable rural livelihoods in sand and silt deposited areas of Dhemaji district of Assam.	D. Sonowal ¹ , J. K. Sarma ² , P. K. Das ³ , I. Barman ³ and S. D. Deka ³ <i>1. ATM, CSS ATMA, DAO Office, Dhemaji, Assam, India</i> <i>2. Horticultural Research Station, Guwahati, Assam, India</i> <i>3. BN College of Agriculture, AAU, Assam, India.</i>	deepshikha1010@gmail.com	Oral
04	Integrated nutrient management in intensive food-forage cropping system under medium land situation	P. Bharali, KK Sharma, SB Neog AICRP ON Forage crops & utilization Assam Agricultural University, Jorhat, Assam-785013	pranjit.bharali@aau.ac.in	Oral
05	Development of Climate Resilient Integrated Farming System Model for Livelihood Security of the Small and Marginal Farmers of Assam	BHABESH GOGOI* , MONISHA BORAH, AJAY SANKAR BORA, JAHNABI JYOTI KALITA, LIPIKA TALUKDAR AND KALYAN PATHAK <i>Advanced Centre for Integrated Farming Systems Research, (AICRP on IFS) Assam Agricultural University, Jorhat, Assam-785 013, India</i>	bg100777@yahoo.co.uk)	Oral
06	Four decades of Crop Improvement Research on Vegetable Crops in AAU– An Introspection	G. C. Bora, Prof., PBG Assam Agricultural University Jorhat – 785 013, Assam, India	gobin_bora@yahoo.co.in	Oral
07	Sequestration of carbon through bamboo plantation	H. Choudhury ¹ , Prakash Kalita ² & Ranjan Das ² ¹ Department of Crop Physiology, BNCA, AAU, Jorhat; ² Department of Crop Physiology, CA,	hemendra.choudhury@aau.ac.in	Oral

		AAU, Jorhat		
08	Alternate wetting and drying method of irrigation (New IRRI method) – a way for water economy in transplanted early ahu rice (autumn rice) in Assam	C.K. Sarma*, R.K. Thakuria, K. Pathak, B. K. Medhi, B. Deka, P. Baruah and K. Choudhury AICRP on Irrigation Water Management Assam Agricultural University, Jorhat, Assam-785 013, India	chinmoy.sarma@aau.ac.in	Oral
09	Effect of elevated night temperature on some rice genotypes	Ujjal Baruah ¹ & Ranjan Das ¹ Department of Crop Physiology, AAU, Jorhat-13	baruahujjal53@gmail.com	Oral
10	Biological Control of crop pests in Assam: Salient achievements towards Organic farming	Anjumoni Devee ¹ , Abdul Basit ² , DilipK. Saikia ³ , Rudra N. Borkakati ⁴ , Badal Bhattacharyya ⁵ and Nomi Sarmah ⁶ ¹ Senior Scientist & Principal Investigator, All India Coordinated Research Projects on Biological Control, Department of Entomology, Assam Agricultural University, Jorhat-785013 ² Retired Principal Scientist & Former PI, AICRP on Biological Control, Department of Entomology, AAU, Jorhat-785013 ³ Retired Principal Scientist & Former PI, AICRP Biological Control, Department of Entomology, AAU, Jorhat-785013 ⁴ Junior Scientist, AAU-ZRS Shillongani, Nagaon and Former PI, AICRP on Biological Control ⁵ Professor & Head, Department of Entomology,	anjumoni.devee@aau.ac.in	Oral

		AAU, Jorhat-785013; ⁶ Junior Scientist & Co-PI, AICRP Biological Control, Department of Entomology, AAU, Jorhat-785013		
11	50 years of research in varietal development of sugarcane in Assam	Borbora, T. K.; Roy, A; Upadhyay. L.; Singh, S. N Bora, G.; Goswami, P.K.; Saikia T.P.; Singha, D.D Medhi, T.; Bhattacharjee, S.; Enghipi, J.; Bordoloi B.C.; Begum, M.; Chaudhury, K	srs.buralikson@aau.ac.in	Oral
12	Preserving tradition, enhancing nutrition: Biotechnological interventions in Assam's fermented foods	Madhumita Barooah Department of Agricultural Biotechnology Assam Agricultural University-Jorhat 13	madhumita.barooah@aau.ac.in	Oral
13	Phylogenetic analysis and Molecular identification of <i>Candidatus Liberibacter asiaticus</i> , causative agent of Citrus greening disease in Khasi Mandarin isolates of Assam, India	Padmanav Koushik, Saida Khanam, Dipen Nama Adhikari, Antara Gogoi, Prerana Kalita, Sanjukta Sinha, Bidyut Kr. Sarmah, Priyabrata Sen* DBT-NECAB, Assam Agricultural University, Jorhat 785013, India	priyabrata.sen@aau.ac.in	Oral
14	Agricultural ornithological research at Assam Agricultural University	Prabal Saikia AAU-ZRS North Lakhimpur	prabal.saikia@aau.ac.in	Oral
15	Determination of grain yield stability of Rapeseed Toria genotypes in variable drought-like environments for genotypic selection in NE India	P K Deb Choudhury ¹ , B. Kalita, R. Chakrabarty and R N Borkakati AAU-ZRS, Shillongani, Nagaon-782002	pk.debchoudhury@aau.ac.in	Oral
16	Significant Research Accomplishments on Soil Arthropod and Molluscan Pests of Assam and their Management: Reasons to Rejoice	Badal Bhattacharyya ^{1*} , Sudhansu Bhagawati ² , Gautam Handique ³ , Dwiban Pujari ⁴ , Mrinmoy Das ⁵ , Dhanalakhi Gogoi ⁶ , Elangbam Bidyarani Devi ² and Kritideepan Sarmah ² ¹ Department of Entomology, Assam Agricultural University, Jorhat, Assam, 785013, India ² AINP on Soil Arthropod Pests, Department of	*Corresponding author: <i>Professor & Head, Department of Entomology and Former Principal Investigator, AINP on Soil Arthropod Pests, Department of Entomology, AAU, Jorhat- 785 013, India</i>	Oral

		<p>Entomology, Assam Agricultural University, Jorhat, Assam, 785013, India</p> <p>³Department of Entomology, Tocklai Tea Research Institute, Jorhat, Assam, 785008, India and Former SRF, AINP on Soil Arthropod Pests,</p> <p>⁴Subject Matter Specialist, Krishi Vigyan Kendra, Bongaigaon, Assam,783384, India, and Former SRF, AINP on Soil Arthropod Pests</p> <p>⁵Central Integrated Pest Management Centre, DPPQ, Agartala, Tripura, 799003, India and Former SRF, AINP on Soil Arthropod Pests</p> <p>⁶Department of Sericulture, Assam Agricultural University, Jorhat, Assam, 785013, India and Former SRF, AINP on Soil Arthropod Pests</p>		
17	Farmers' selection criteria for AAU-developed paddy varieties and adoption intensity of adopted varieties	<p>U.Barman^a, R.K.Saud^b, S. Barman^a, H.Gogoi^c, T.Gogoi^d</p> <p>^a <i>Department of Extension Education, CA, AAU, Jorhat</i></p> <p>^b <i>Assoc. Director of Extension Education, AAU, Jorhat</i></p> <p>^c <i>Dept. of AEFM, CA, AAU, Jorhat-13</i></p> <p>^d <i>KVK, Sivasagar, AAU</i></p>	utpalbarman@aau.ac.in	Oral
18	Honey Bees and other Pollinators Research in Assam	<p>M. K. Deka^{1*}, A. Rahman¹, S. Borkataki², P. P. G. Das¹ and S. Rahman³</p> <p>¹AICRP on Honey Bees & Pollinators, Department of Entomology, AAU, Jorhat, Assam, India</p> <p>²Assistant Professor, Department of Entomology, AAU, Jorhat, Assam, India</p>	*Corresponding email: mukul.deka@aau.ac.in	Oral

		³ AINP on Agril. Acarology, Department of Entomology, AAU, Jorhat-13, Assam, India		
19	Agricultural Ornithological Research at Assam Agricultural University	Prabal Saikia ^{1*} Chief Scientist and PI, ICAR-AINP on Vertebrate Pest Management, AAU-Zonal Research Station, North Lakhimpur, Assam India	prabal.saikia@aau.ac.in	Oral
20	Research Achievements on Rodent Pest Management	Ratul K. Borah ^{1*} , Bijon C. Dutta ² , Dipak K. Bora ³ and Mousumi Phukon ⁴ ¹ All India Network Project (AINP) on Vertebrate Pest Management (Rodent Control) Department of Entomology, AAU, Jorhat-785013 ¹ Principal Scientist, AINP on Vertebrate Pest Management, AAU, Jorhat-785013 ² Professor, Department of Entomology, AAU, Jorhat-785013 ³ Retired Professor, Department of Entomology, AAU, Jorhat-785013 ⁴ Assistant Professor, Department of Entomology, AAU, Jorhat-785013	ratul.k.borah@aau.ac.in	Oral
21	STUDIES ON THE INTERACTIVE EFFECT OF ELEVATED CARBON DIOXIDE AND HIGH TEMPERATURE ON PHYSIOLOGICAL CHARACTERISATION OF HOT CHILLI (<i>CAPSICUM CHINENSE</i> JACQ.)	Sangita Das ¹ & Ranjan Das ¹ Department of Crop Physiology, AAU, Jorhat-13	sangita.das@aau.ac.in	Oral
22	Pre-harvest yield forecasting of winterrice and jute using machine learning tools	Parishmita Das, Rajib Lochan Deka, NishigandhaKakati and Kuldip Medhi Department of Agricultural Meteorology	parishmita.das@aau.ac.in	Oral

		Assam Agricultural University Jorhat-785013		
23	Weed repository- a novel tool for scientific weed research and teaching and management	I.C. Barua, J. Deka & A. P. Chetia AICRP on Weed Management Assam Agricultural University, Jorhat, Assam-785 013, India	iswar.c.barua@aau.ac.in	Oral

Poster Presentation:

01	Characterization of potential polymer degrading bacteria from greater wax moth (<i>Galleria mellonella</i> L.) gut	Bonti Das, G.S. Harsha Vardhan and Basanta Kumar Borah* Department of Agricultural Biotechnology, Assam Agricultural University, Jorhat 785013, India	basanta.k.borah@aau.ac.in	Poster
02	Defence response in <i>Mucor irregularis</i> SS7 against its endobacterium <i>Serratia marcescens</i> D1: a transcriptomic analysis	Dibya Jyoti Hazarika ¹ , Debashis Panda ² , Merilin Kakoti ¹ , Madhumita Barooah ¹ , Robin Chandra Boro ¹ ¹ Department of Agricultural Biotechnology, Assam Agricultural University, Jorhat, Assam, India ² DBT-APSCS&T Centre of Excellence for Bioresources and Sustainable Development, Kimin, Arunachal Pradesh, India	robin.boro@aau.ac.in dibya.hazarika@aau.ac.in	Poster
03	Development of multiplex PCR for simultaneous detection of three major citrus diseases viz. Citrus canker,	Padmanav Koushik, Saida Khanam, Dipen Nama Adhikari, Antara Gogoi, Prerana Kalita, Sanjukta Sinha, Bidyut Kr. Sarmah, Priyabrata Sen*	priyabrata.sen@aau.ac.in	Poster

	Huanglongbing and Citrus Tristeza virus	DBT-NECAB, Assam Agricultural University, Jorhat 785013, India		
04	Beyond pH Balance: the multifaceted mechanisms of acid tolerance in <i>Bacillus megaterium</i>	Madhumita Barooah and Robin Boro Department of Agricultural Biotechnology Assam Agricultural University-Jorhat 13	madhumita.barooah@aau.ac.in	Poster
05	Tree crop interaction studies in <i>Gmelina arborea</i> and <i>Micheliachampaca</i> based Horti-silvi-Pastoral system under upland system	Baruah N., Kalita N., Sarma P.K and Barkataki, B.	nikhilesh.baruah@aau.ac.in	Poster
06	Impact of improved production technology of mustard (<i>Brassica juncea</i>) in Dhemaji district of Assam through Frontline Demonstrations	N.K. Gogoi ^{1*} , D. Chowdhury ¹ , P. Saikia ¹ and M. Saikia ² ¹ AAU-Zonal Research Station, North Lakhimpur, PIN-787032 ² Directorate of Research, AAU, Jorhat, PIN-785013	nripen.k.gogoi@aau.ac.in	Poster
07	Enhancing crop productivity through harvested rain water in <i>rainfed</i> upland condition of NBPZ of Assam	Nikhilesh Baruah, Rupam Borah, Nupur Kalita, Arunjyoti Sonowal, Bikram Borkotoki, Pallab Kumar Sarma and Jayanta Kalita AICRP on Dryland Agriculture Biswanath College of Agriculture, Assam Agricultural University, Biswanath Chariali, Assam-784176, India	nikhilesh.baruah@aau.ac.in	Poster
08	Strengthening of traditional rainfed IFS for small farm holdings	Rekhashree Kalita; Pallab Kumar Sarma; Liza Barua Bharali & Sanjib Gogoi AICRP on Dryland Agriculture Biswanath College of Agriculture, AAU	rekhashreeice@gmail.com	Poster
09	Promotion of sustainable livelihood security of tribal farmers of Dhemaji district, Assam through scientific maize cultivation and pig rearing	N.K. Gogoi ^{1*} P. Saikia ¹ and M. Saikia ² ¹ AAU-Zonal Research Station, North Lakhimpur, PIN-787032 ² Directorate of Research, AAU, Jorhat, PIN-785013	nripen.k.gogoi@aau.ac.in	Poster

10	Reliability of rainfall forecasts in preparation of smart agricultural practices and user response: a case study	ATHAR NISHAT ISLAM, RAJIB LOCHAN DEKA and KULDIP MEDHI Department of Agricultural Meteorology Assam Agricultural University Jorhat-785013	athar.islam@aau.ac.in	Poster
11	A study on farmers' perspective towards agriculture in the last five decades in the state of Assam.	Bhargab Baruah ¹ and Hemanga Kumar Kalita ² <i>Department of Extension Education, Assam Agril. University, Jorhat</i>	hemanga.kalita@aau.ac.in	Poster
12	Impact assessment of integrated farming system units of KVKs established under RKVY	Chappidi Venkata Pujitha ¹ And Sundar Barman ^{2*} <i>1. Department of Extension Education, FA AAU, Jorhat-13</i> <i>2. Department of Extension Education, FA, AAU, Jorhat-13</i>	sundar.barman@aau.ac.in	Poster
13	Impact of smart seed system– an evaluative study in Golaghat district of assam	Jayanta Kr. Dutta, Prasanta Mishra, Sundar Barman & Rituraj Boruah <i>Assam Agricultural University, Jorhat-785013</i>	jayanta.kumar.dutta@aau.ac.in	Poster
14	Varietal diversity of paddy in upper Brahmaputra valley zone of Assam- a micro level study	U.Barman ^a ,R.K.Saud ^b , S. Barman ^a ,H.Gogoi ^c ,T.Gogoi ^d <i>^a Department of Extension Education, CA, AAU, Jorhat</i> <i>^b Asst, Director Department of Extension Education, AAU, Jorhat</i> <i>^c Dept. of AEFM, CA, AAU, Jorhat-13</i> <i>^d KVK, Sivasagar, AAU,</i>	utpalbarman@aau.ac.in	Poster

15	Adoption of AAU-recommended production technologies of kharif vegetables by farmers in jorhat district of Assam	Utpal Barman ¹ & Rituraj Boruah <i>Department of Extension Education College of Agriculture Assam Agricultural University, Jorhat-785013, Assam</i>	utpalbarman@aau.ac.in	Poster
16	AAU SHL Til 1: A new high yielding sesame variety released for summer season in Assam	I. A. Sheikh*, K. D. Singha, B. K. Borah, U. K. Bora, D. Hazarika and P. C. Sarmah AAU-Zonal Research Station, Shillongani, Nagaon-782002, Assam Department of Plant Breeding & Genetics, Assam Agricultural University, Jorhat-785013, Assam	idrish.a.sheikh@aau.ac.in	Poster
17	Organic module for Lentil (<i>Lens culinaris</i>) production	H. Kalita, R. Chakrabarty, B.K. Borah and A.S.N. Zaman AAU-Zonal Research Station, Assam Agricultural University, Shillongani, Nagaon-782002, Assam	hemen.kalita@aau.ac.in	Poster
18	Organic module for rapeseed (<i>Brassica rapa</i> var. <i>toria</i>) production	R. Chakrabarty*, H. Kalita, B.K. Borah and A.S.N. Zaman AAU-Zonal Research Station, Assam Agricultural University, Shillongani, Nagaon-782002, Assam	ranjana.chakrabarty@aau.ac.in	Poster
19	Development of Integrated pest and disease management module for <i>olitorius</i> jute for Assam condition	K. K. Sarma*, P. Bhorali AAU-Zonal Research Station, Shillongani, Nagaon-782002	kalyan.k.sarma@aau.ac.in	Poster
20	Development of high yielding jute variety "Kkhyati"	P. K. Das, A. S. N. Zaman, P. Bhorali*, K. K. Sarma and G. Kataki AAU-Zonal Research Station, Assam	prasanta.bhorali@aau.ac.in	Poster

		Agricultural University, Shillongani, Nagaon-782002, Assam		
21	Development of disease resistant urdbean variety “SHYAMAL”(AAU SBC 40)for Assam condition	H. K. Borah*, H. Kalita, B. K. Borah, D. Pathak and A.S.N.Zaman and S.Chakraborty AAU-Zonal Research Station, Shillongani, Nagaon-782002	<i>hironya.k.borah@aau.ac.in</i>	Poster
22	Development of high yielding mungbean variety “RUPAHI” (AAU SGC 16) for Assam condition	H. K. Borah*, H. Kalita, B. K. Borah, D. Pathak and A.S.N. Zaman and S. Chakraborty AAU-Zonal Research Station, Shillongani, Nagaon-782002	<i>hironya.k.borah@aau.ac.in</i>	Poster
23	Tree crop interaction studies in <i>Gmelina arborea</i> and <i>Micheliachampaca</i> based Horti-silvi-Pastoral system under upland system	Baruah N., Kalita N., Sarma P.K and Barkataki, B. B.N College of Agriculture, AAU, Biswanath Chariali	<i>nikhilesh.baruah@aau.ac.in</i>	Poster
24	Effect of Integrated Nutrient Management on Stem Yield, Sustainable Yield Index and Soil Properties in Ahu -rice Based Cropping System	Bikram Borkotoki, Nikhita Kakati, Pallab Kumar Sarma, Nupur Kalita, Nikhilesh Baruah, Arunjoyoti Sonowal and Palakshi Bora All India Coordinated Research Project for Dryland Agriculture, BN College of Agriculture, AAU, Biswanath Chariali-784176	<i>bikram.borkotoki@aau.ac.n</i>	Poster
25	Improvement of seed quality and yield in garden pea through application of bioformulation	C. Sarma, G C Bora and S. D. Deka Assam Agricultural University, Jorhat	<i>gobin_bora@yahoo.co.in</i>	Poster
26	Conservation and climate resilient technologies in maize and maize based cropping system	Department of Agronomy, FA, Assam Agricultural University, Jorhat-785 013, Assam	<i>kalyan.pathak@aau.ac.in</i>	Poster
27	Performance Assessment of Venturi Aerator for varying Throat Hole and	Er. Abhijit Gosh, YP Department of Agricultural Engineering		Poster

	Throat Length Parameters			
28	Physiological and molecular evaluation of ZUE in some rice genotypes under different environmental situation	Soibam Helena Devi and Bhagawan Bharali Department of Crop Physiology, AAU, Jorhat-13	helenasoibam09@gmail.com	Poster
29	<i>Beauveria bassiana</i> (Bals.)Vuill for management of rice hispa, <i>Dicladispaarmigera</i> (Coleopter: Chrysomelidae) in Assam	Lakshmi Kanta Hazarika ¹ , K.C Pujari ² , Purnima Das ^{3*} , Dipali Mazumder ⁴ , Pranab Dutta ⁵ , Priyanka Saikia ⁶ and Binita Borah ⁷ ¹ Former Dean, Faculty of Agriculture, Assam Agricultural University, Jorhat-13; lakshmi.k.hazarika@gmail.com ; +91 7002367859 ² Former Professor & Head, Department of Plant Pathology, Assam Agricultural University, Jorhat-13; kepuzari@gmail.com ; +91 995441007 ³ Assistant Professor, Department of Entomology, Assam Agricultural University, Jorhat-13; purnima.das@aau.ac.in ;+91 700206076 ⁴ Agricultural Biologist at San Joaquin County, Stockton, CA ⁵ Associate Professor, SCP, CPGS-AS, Central Agricultural University, Umiam; pranabdutta74@gmail.com ; +91 9101551247 ⁶ Ph. D Scholar, Department of Entomology, Assam Agricultural University, Jorhat-13; priyanka.saikia.adj19@aau.ac.in ; +91 8486711643 ⁷ Ph. D, Department of Entomology, Assam Agricultural University, Jorhat-	purnima.das@aau.ac.in	Poster

		13; borahbinita22@gmail.com ; +91 7002895922		
30	Analysis of Green Gram Genotypes Suitable for Summer Season Based on Morpho-Physiological and Phosphorus Use Efficiency Under Low P Acid Soil Condition	Lolesh Pegu ¹ & Prakash Kalita ² ¹ Department of Crop Physiology, SCSCA, Dhubri, AAU ² Department of Crop Physiology, CA, AAU, Jorhat	lolesh.pegu@aau.ac.in and prakash.kalita@aau.ac.in	Poster
31	Soybean Research in Assam: Achievements and Strategies	I.A. Sheikh and Munmi Borah AICRP on Soybean Department of Plant Breeding and Genetics AAU, Jorhat-13	munmi.borah@aau.ac.in	Poster
32	Evaluation of popular maize hybrids with revalidation of fertilizer dose in Lower Brahmaputra Valley Zone of Assam	Nabajyoti Bhuyan*, Tantuja Nandy, Mahadeb Basumatary and S. K. Paul AAU-Zonal Research Station, Gossaigaon-783360	nabajyoti.bhuyan@aau.ac.in	Poster
33	Production behaviour, acreage response and marketing of potato in Brahmaputra valley zone of Assam	Dr. Sangita Borah Dept of AEFM, AAU Jorhat	sangita.borah@aau.ac.in	Poster
34	Organic farming practices for some important crops and cropping sequences	K. Pathak, Prof. & Head, Department of Agronomy, Faculty of Agriculture Assam Agricultural University, Jorhat-785 013-Assam	kailyan.pathak@aau.ac.in	Poster
35	Impact of scientific fodder cultivation in enhancement of productivity in dairy cattle with special reference to green	P. Pathak ¹ , G. Gogoi ¹ , A. K. Saikia ² , B. Konwar ¹ , M. Neog ³ , R. K. Soud ³ and P. K. Pathak ³	kvk_dhemaji@aau.ac.in	Poster

	fodder in rabi season	¹ Krishi Vigyan Kendra, Dhemaji, ² LCVSc, North Lakhimpur, ³ Directorate of Extension Education, Assam Agricultural University, Jorhat, Assam		
36	Optimum Wetted Soil Volume and Its Orientation for Drip Irrigated Assam Lemon (<i>Citrus Limon</i> L. Burmf)	Dr. Pankaj Barua, Sr. Scientist(Agril. Engg.) AICRP on Water Management Assam Agricultural University Jorhat-785013	pankaj_barua2001@yahoo.com	Poster
37	SOIL AND WATER CONSERVATION PRACTICES SUITABLE FOR NORTHEAST REGION OF INDIA FOR AGRICULTURAL SUSTAINABILITY: A REVIEW	Swagatam Das, Pankaj Barua Department of Agricultural Engineering, Assam Agricultural University, Jorhat, Assam, India.	pankaj_barua2001@yahoo.com	Poster

Day-4: Friday

Session 16

Title of the session: 50 Years of Research achievement of AAU in Veterinary & Animal Science

Venue :Hall No 14, Academic Complex Building (IDA), AAU, Jorhat-13		Time: 10.30 AM to 5.00 PM
Chair: Dr.N. Kalita, Ex Director of Research (Veterinary), AAU, Khanapara, Guwahati Co Chair : Dr.D. K. Borah, HoD, AHD, AAU Jorhat	Moderator s: Dr. Himanjali Hazarika, Asstt Professor, Animal Husbandry and Dairy, AAU, Jorhat Dr. Sunaina Rathi, Assitt. Professor, Agril. Biochemistry, AAU, Jorhat-13	Rapporteur : Dr. Dhruvajit Hazarika, Assistant Professor, Animal Husbandry and Dairy, AAU, Jorhat

Oral Presentation

Sl. No.	Topic	Affiliation	Email ID	Mode of presentation
1	Evaluation of Hematological and Serum Biochemical Alterations in Dogs Affected with Congestive Heart Failure	Prerona Patowary, Arabinda Phukan, Bhaben Ch. Baishya, Utpal Barman, Arup Das, Shantanu Tamuly Dept. of Veterinary Clinical Medicine, CVSc, AAU, Khanapara M-60019 4414	arabinda.phukan@aau.ac.in	Oral
2	Efficacy of enrofloxacin over cefalexin in the therapeutic management of canine dermatitis	Ditul Barman, A. Phukan, D.N. Kalita, T.C. Dutta, G. Mahato, P. Borah, S. Rajkhowa and B.C. Baishya Dept. of Veterinary Clinical Medicine, CVSc, AAU, Khanapara M-60019 44148	arabinda.phukan@aau.ac.in gauranga.mahato.@aau.ac.in	Oral
3	<i>In vitro</i> Antibiotic and Antifungal Sensitivity Pattern of Bacterial and	Arpana Barua, Ditul Barman, Bhaben Chandra Baishya, Arabinda Phukan, Jyoti B. Dutta, Girin	duttajyotib@gmail.com	Oral

	Fungal Isolates from otitis Externa in Dogs	Hazarika, Dept. of Veterinary Clinical Medicine, CVSc, AAU, Khanapara M-60019 44148		
4	Comparative molecular characterization of non-cerebral and cerebral coenurosis in goats of Assam	Deepa Lahkar; B. C. Das; S. Islam; P. Borah; J. B. Dutta; G. Mahato; D. Kalita; A. Saleque and N. K. Deka	duttajyotib@gmail.com	Oral
5	Risk factors associated with the outbreak of African Swine Fever among the domestic pig population in selected districts of Assam	Jahnabi Doley ¹ , Jyoti B Dutta ¹ , D Lahkar ¹ , S A Arif ² , N N Barman ³ and Karuna Saikia ⁴ ¹ Department of Veterinary Epidemiology & Preventive Medicine; ² Department of Veterinary Clinical Medicine, Ethics & Jurisprudence; ³ Department of Veterinary Microbiology College of Veterinary Science, AAU, Khanapara, Guwahati – 781 022 ⁴ Department of Livestock Production & Management, Lakhimpur College of Veterinary Science, AAU, Joyhing	duttajyotib@gmail.com	Oral
6	Spill-over potential of newcastle disease virus in avian hosts at ecologically rich hotspots of Assam	Abhilasha Sharma ¹ , Jyoti B Dutta ¹ , Pankaj Deka ² , Pubaleem Deka ¹ , Ritam Hazarika ³ , Rofique Ahmed ¹ and Sangeeta Das ⁴ ¹ Department of Veterinary Epidemiology & Preventive Medicine, ² Department of Veterinary Microbiology, ³ Department of Animal Biotechnology, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati-781 022, Assam and ⁴ Department of Veterinary Microbiology, LLUVAS, Hisar, Haryana	duttajyotib@gmail.com	Oral

7	Successful treatment of contagious ecthyma in goat by use of ethno-veterinary medicine	Prerona Patowary; Deepa Lahkar; Utpal Barman; Ditul Barman; BendanglaChangkija; S. A. Arif; Tinku Das; Dhanjyoti Sarma and Brototi Deb Sarkar		Oral
8	Detection of prepatent period of <i>taenia multiceps</i> through experimental infection in dogs in Assam, India	Deepa Lahkar; B. C. Das; S. Islam; P. Borah; J. B. Dutta; G. Mahato; D. Kalita and A. Saleque	duttajyotib@gmail.com	Oral
9	Detection of <i>aroAgene</i> in staphylococci isolates from dog suffered with dermatitis	Ditul Barman, Arabinda Phukan, Debendra Nath Kalita, Tolan Chnadra Dutta, Gauranga Mahato, Probodh Borah, SwarajRajkhowa and Bhaben Chandra Baishya Dept. of Veterinary Clinical Medicine, CVSc, AAU, Khanapara M-60019 44148	arabinda.phukan@aau.ac.in	Oral
10	STUDY ON PREVALENCE OF BAT LYSSAVIRUS IN ASSAM, INDIA	Tinku Das ¹ , Jyoti B Dutta ^{1*} , Ananda Ram Boro ² , Uttam Saikia ³ , Prasanta Kumar Boro ⁴ , Shrikhrisna Isloor ⁵ , Syed AbdulArif ⁶ , MrinalKumarNath ¹ , PankajDeka ⁷ ¹ Department of Veterinary Epidemiology & Preventive Medicine; ⁶ Department of Veterinary Clinical Medicine, Ethics & Jurisprudence; ⁷ Department of Veterinary Microbiology, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati-781 022, Assam; ² Department of Zoology, Pandu College, Pandu Port Road, Maligoan-781012, Assam; ³ Zoological Survey of India, North-Eastern Regional Centre, Risa Colony Shillong, Meghalaya-793 003; ⁴ Department of Veterinary Medicine, Lakhimpur College of Veterinary Science, Assam	duttajyotib@gmail.com	Oral

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Poster Presentation:

01	Epidemiology of animal rabies in Assam	<p>Prasanta Kr. Boro¹, Jyoti B Dutta², Shrikrishna Isloor³ and Tinku Das²</p> <p>¹Department of Veterinary Medicine, Lakhimpur College of Veterinary Science, Assam Agricultural University, North Lakhimpur-787 051, Assam; ²Department of Veterinary Epidemiology & Preventive Medicine; ³KVAFSU-CVA Rabies Diagnostic Laboratory, OIE Reference Laboratory for Rabies, Department of Veterinary Microbiology, Veterinary College, KVAFSU, Hebbal, Bengaluru-560 024, Karnataka.</p>	duttajyotib@gmail.com	Poster
02	Rabies in a Stray dog - a case report	<p>Bishal Debbarma^{1*}, Jyoti B. Dutta, ShrikrishnaIsloor³, Prasanta Kr. Boro², Syed A. Arif⁴</p> <p>¹ Department of Veterinary Medicine, West Bengal University of Animal & Fishery Sciences, Belgachia, Kolkata- 700 037, West Bengal</p> <p>² Department of Veterinary Epidemiology & Preventive Medicine, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati- 781 022, Assam</p>	Email: bishaldebbarma082@gmail.com	Poster

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03	KAP of Veterinary and Medical Practitioners on Dog-mediated Rabies in and around Guwahati	<p>Shivani Pradhan¹, Jyoti B Dutta¹ and Arup Kr Sharma²</p> <p>¹Department of Veterinary Epidemiology & Preventive Medicine; ²Department of Livestock Production & Management (Biostatistics), College of Veterinary Science, AAU, Khanapara, Guwahati – 22</p>	duttajyotib@gmail.com	Poster
04	Spatio-temporal distribution of animal rabies in Assam	<p>P K Boro¹, Jyoti B Dutta¹, Shrikrishna Isloor² and Tinku Das¹</p> <p>¹Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Science, AAU, Khanapara, Guwahati-781 022.</p> <p>²KVAFSU-CVA Rabies Diagnostic Laboratory, OIE Reference Laboratory for Rabies, Department of Microbiology, Veterinary College, KVAFSU, Hebbal, Bengaluru-560 024</p>	duttajyotib@gmail.com	Poster
05	Rabies in a horse	<p>Jyoti B Dutta¹, Ditul Barman¹, Utpal Barman², Syed A Arif¹, Bishal Debbarma¹, Tinku Das¹ and Prasanta Kr Boro³</p> <p>¹Department of Veterinary Medicine, ²Veterinary Clinical Complex, College of Veterinary Science, Khanapara, Guwahati–781 022</p>	duttajyotib@gmail.com	Poster

		3Department of Veterinary Medicine, Lakhimpur College of Veterinary Science, Assam Agricultural University, Joyhing, Lakhimpur-787 051		
06	A case report on <i>anaplasma platys</i> infection in a labrador pup and its therapeutic management	Deepa Lahkar; Rofique Ahmed; Mrinal Kr. Nath; Utpal Barman and Syed A. Arif	duttajyotib@gmail.com	Poster
07	Mixed infection of <i>babesia gibsoni</i> and <i>ehrlichia</i> in a belgianshepherd dog and its successful treatment	Deepa Lahkar; Utpal Barman; Queen Devi; Mrinal Kr. Nath; Syed A. Arif; Sophia M. Gogoi and Kanta Bhattacharjee	duttajyotib@gmail.com	Poster
08	DIAGNOSIS AND ECONOMIC IMPACT (dalys) OF RABIES IN ANIMALS OF KAMRUP METRO DISTRICT OF ASSAM	Bishal Debbarma ^{1*} , Jyoti B. Dutta ² , Shrikrishna Isloor ³ , Bhaben Ch. Baishya ⁴ , Prasanta Kr. Boro ⁵ , Tinku Das ² ^{1*} Department of Veterinary Medicine, West Bengal University of Animal & Fishery Science, Kolkata- 700 037, West Bengal. ² Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati- 781 022, Assam. ³ KVAFSU- CVA Rabies Diagnostic Laboratory (OIE Reference Laboratory for Rabies), Department of Veterinary Microbiology, Veterinary College, KVAFSU, Hebbal, Bengaluru- 560 024, Karnataka. ⁴ Department of Clinical Medicine, Ethics and Jurisprudence, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati- 781 022, Assam. ⁵ Department of Veterinary Medicine, Lakhimpur College of Veterinary Science, AAU, North Lakhimpur- 787 051, Assam.	bishaldebbarma082@gmail.com	Poster

09	Study of prevalence and diagnosis of babesiosis in cattle	Barman U, Dutta TC, Baishya BC, Goswami S, Islam S, Phukan A, Barman DandKakati P Dept. of Veterinary Clinical Medicine, CVSc, AAU, Khanapara M-60019 44148	duttajyotib@gmail.com	Poster