


**Personal Profile**

	<p>Dr. Ashim Debnath Assistant Professor, Department of Genetics &amp; Plant Breeding, Faculty of Agricultural Sciences, Rajiv Gandhi University (A Central University), Rono Hills, Doimukh (Itanagar), Pin-791112, Arunachal Pradesh</p> <p>Email: ashim.debnath@rgu.ac.in ashimdebnathdmr@gmail.com</p> <p>Phone No.: +91-9862797332 / +91-9696557690</p>
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**Educational Profile**

<b>Ph.D. (Genetics and Plant Breeding)</b>	<ul style="list-style-type: none"><li>• Subject- Genetics &amp; Plant Breeding</li><li>• Year of Award- 2018</li><li>• College of Post Graduate Studies in Agricultural Sciences, Central Agricultural University (Imphal), Meghalaya</li></ul>
<b>M.Sc. (Genetics and Plant Breeding)</b>	<ul style="list-style-type: none"><li>• Subject- Genetics &amp; Plant Breeding</li><li>• Year of Award- 2014</li><li>• College of Post Graduate Studies in Agricultural Sciences, Central Agricultural University (Imphal), Meghalaya</li></ul>
<b>B.Sc. (Agriculture)</b>	<ul style="list-style-type: none"><li>• Subject – Agriculture</li><li>• School of Agricultural Sciences, Nagaland University, Nagaland</li></ul>

**Professional Experience**

<p><b>Assistant Professor</b> Department of Genetics and Plant breeding, Faculty of Agricultural Sciences, Rajiv Gandhi University, Rono Hills, Doimukh (Itanagar), Arunachal Pradesh</p>	<p>May 2023 -Till Date</p>
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Guest Faculty Department of Genetics and Plant Breeding, School of Agricultural Sciences, Nagaland University, Medziphema, Nagaland	Aug 2022- May 2023
Guest Faculty, Department of Genetics and Plant Breeding, College of Agriculture, Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya, UP	Jan 2020- July 2022
Assistant Professor Department of Genetics and Plant Breeding, School of Agricultural Sciences, Lovely Professional University, Phagwara, Punjab	July 2018 – Nov 2019

### Administrative Experience

<b>Head (i/c)</b> Department of Genetics and Plant breeding, Faculty of Agricultural Sciences, Rajiv Gandhi University, Rono Hills, Doimukh (Itanagar), Arunachal Pradesh	May 2023 -Till Date
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### Awards & Honor's

S. No.	Awarded for	Name of the Award	Year in which received
1.	Contribution in the field of Genetics & Plant Breeding	Young Fellow Award	2023
2.	Oral Presentation	II position in Oral presentation at National Seminar	2023
3.	Poster Presentation	Best Poster Presentation	2022
4.	Contribution in the field of Genetics & Plant Breeding	Young Scientist Award	2020
5.	Poster Presentation	Second Best Poster Presentation	2020
6.	Master Thesis	Best Master Thesis	2019
7.	Ph.D. Thesis	Best Ph.D. Thesis Award	2019
8.	Poster Presentation	Best Poster Presentation	2018
9.	Student Award	RAKTIM RANJAN BHAGOWATI MEMORIAL AWARD FOR OUTSTANDING STUDENT	2017
10.	Oral Presentation	Best Oral Presentation award in 3 <sup>rd</sup> International Conference on Bioresource &	2017

		stress management	
11.	Pursue Ph. D. Degree	National Fellowship for Students of Other Backward Classes to pursue Ph.D. Degree	2016
12.	CAU Merit Scholarship	During M.Sc (Ag.) Programme	2012

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### Life membership of societies/bodies:

- 1) Society of Indian Association of Hill Farming (LM-464)
- 2) Indian Society of Genetics & Plant Breeding (Membership No. 080855)
- 3) Indian Science Congress (L37215)
- 4) Society for Advancement of Agricultural Innovations (LM137/SAAI/IF/2017)
- 5) Science & Tech Society for Integrated Rural Improvement (SIRI/2019/150)

### Research Interests

- Aluminum and Iron Toxicity Screening
  - Hydroponics experiment
  - Rice Blast Screening
  - Molecular breeding
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### Certifications

NPTEL Awareness Workshop	Conducted NPTEL, IIT Madras in Rajiv Gandhi University, Arunachal Pradesh on November 22, 2023
UGC- SPONSORED Webinar on “NEP-2020 Implementation Plan: Technology Use and Integration	Organized by UGC-HRDC, JNTUH, Hyderabad, Telangana, India on 11 <sup>th</sup> October 2023
Participation at “Megha Start –Up Expo 2023 under Faculty of Agricultural Sciences, RGU and achieved best Exhibitor Stall	Organized by North Eastern Hill University (NEHU), Meghalaya on 3 <sup>th</sup> -5 <sup>th</sup> October, 2023
Short Term Course on Big Data Analytics for Sustainable Agriculture and obtained “O” Grade	Organized by Lovely Professional University. w.e.f. September 04, 2023 to September 09,2023
Faculty Induction Programme-13 with A <sup>+</sup> Grade	Organized by UGC-HRDC, JNTUH, Hyderabad, Telangana, India from 19/06/2023 to 21/07/2023

ICAR-NET (2017)	Genetics and Plant Breeding
National Service Scheme (NSS)	Conducted by BBI, Dharmanagar, North Tripura (2007)
Children Science Congress, Science Exhibition, Science & Technology Fair	State Level, Sub division level (2004-2006)
Diploma in Indian classical Tabla musical instrument	Recognised by Pracheen Kala Kendra (2001)

## POSITIONS

Sl. No.	Funding Agency	Title	Specify role	Venue with date
1.	Department of Horticulture, Rajiv Gandhi University, Arunachal Pradesh & Society for Conservation of Natural Resources	International Conference on Agriculture Environment and Sustainable Development (ICAESD 2024)	Joint Organizing Secretary	Rajiv Gandhi University, Arunachal Pradesh March 20-21, 2024
2.	Society for Biotic & Environmental Research (SBER), Tripura. Dept. of Agril. Entomology, Palli Siksha Bhavana, Visva Bharati, West Bengal	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on – Advancement in Plant Health Research-Retrospect & Prospect (Date:), Visva Bharati, Santiniketan, West Bengal, India.	Co-organizing Secretary	Visva Bharati, Santiniketan, West Bengal, India. (Date:7 <sup>th</sup> -8 <sup>th</sup> December,2023)

3.	Faculty of Agricultural Sciences, Rajiv Gandhi University, Arunachal Pradesh on November 10, 2023.	National Webinar on Nourishing the Land and the People: Millet Farming and Soil Health in Arunachal Pradesh organized	Convener	Rajiv Gandhi University, November 10, 2023.
4.	Society for Biotic & Environmental Research (SBER), TRIPURA Dept. of Agril. Entomology, Palli Siksha Bhavana, Visva Bharati, West Bengal	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on – Advancement in Plant Health Research-Retrospect & Prospect	Rapporteur & Co-Chairman (Technical Session)	Visva Bharati, Santiniketan, West Bengal, India. (Date:7 <sup>th</sup> -8 <sup>th</sup> December,2023)
5.	Innovative Farming, Society for Advancement of Agricultural Innovations (SAAI), Directorate of Research, BCKV, Kalyani, West Bengal	1st Farm Innovation Congress,2018 (Innovative Farming for Food and Livelihood Security in Changing Climate)	Organizing Committee member	FACC, Bidhan Chandra Krishi Viswavidyalaya (BCKV) Kalyani, West Begal, 12 <sup>th</sup> -13 <sup>th</sup> January, 2018
6.	Indian Science Congress	106 <sup>th</sup> Indian Science Congress-“Future India: Science & Technology”	Organizing Committee member	Lovely Professional University, Punjab, India (3 <sup>rd</sup> to 7 <sup>th</sup> of January 2019)
7.	Workshop/Hands on training	Trained participant about Concepts of electrophoresis and PCR	Resource person in training programme	Held under the Instutional Biotech Hub,DBT from 4 <sup>th</sup> March onwards, at the College of Post Graduate Studies, CAU
8.	RKM foundation, Society of Bioresource and stress management, Visva-Bharati University, Indian Council of	Third International Conference on Bioresource and Stress Management.	Editorial Committee member for compendium of abstract	Jaipur, Rajasthan, India (8-11 <sup>th</sup> Nov. 2017)

	Agricultural Research			
9.	RKM foundation, Society of Bioresource and stress management, Visva Bharati University, Indian Council of Agricultural Research	Third International Conference on Bioresource and Stress Management.	Organizing Committee member	Jaipur, Rajasthan, India (8-11 <sup>th</sup> Nov. 2017)
10.	Central Agricultural University, Imphal	Student's Advisory Council	President of the Student's Advisory Council CPGS-AS (Central Agricultural University, Imphal)	CPGS-AS (Central Agricultural University, Imphal) 2014-2015

## **PUBLICATIONS**

### **Research papers**

Swain, S.K., Kalidas-Singh, S., Puyam, A., Thakuria, D., Maimom, S., Zhipao, R.R., **Debnath, A.**, Bhuyan, S., Homeshwari- Devi, M., Huidrom, S., Tsomu, T., Umbrey, Y., Bagang, P., Ravat, V.K., Lap, B., Tangjang, A and Devegowda, S.R. (2024). A comparative study of localized phosphorus application and broadcasting method on biomass production and their use efficiency on Chilli (*Capsicum annuum*) under alkaline soil. *Front. Plant Sci.* 15:1304963. Doi: 10.3389/fpls.2024.1304963.

Das, B., Pradhan, P., Mondal, S., Mondal, P., Kumar, D., Barman, R., **Debnath, A.**, Karforma, J., Paramanik, B and Basak, A. (2023). Stability analysis of popular short grain aromatic rice for yield component traits in gangetic alluvial zone of India. *Indian Journal of Genetics and Plant Breeding* (Accepted).

Dey, J.K., **Debnath, A.**, Das, P., Sarkar, S., Das, R., Chakraborty, A., Mandal, A.K., Debbarma, P. (2024). Energy Budgeting and Economic Analysis of Cowpea Varieties under Rainfed Condition. *Legume Research* (Accepted)

Yoko, Y., Murmu, D.K., Das, B., Mahanta, S., Ali, **A., Debnath, A** and Barman R. (2023). Optimization of Rhizome Size and Plant Spacing on Growth and Yield Component Traits of Ginger. *Asian Journal of Microbiology Biotechnology and Environmental Science.* 26 (1): 30-34.

- Bhuyan, S., Kandali, G. G., Singh, S.K., Meena, R.S., Medhi, S.J., Tangjang, A., **Debnath, A.**, Bagang, P., Umbrey, Y and Deka B. (2023). Soil Organic Carbon Stock in the Tea Garden of North –East India as Affected by the Organic and Conventional Management Practices. *Eco. Env. & Cons.*, S338-S343.
- Dey, J. K., Saren, B. K., **Debnath, A.**, Gudade, B. A., Singh, S., Kumar, A., ... & Hossain, A. (2022). Productivity and Nutrient Dynamic of Legume in a Maize-legume Cropping System are Influenced by Biomulches Under No-tillage System. *International Journal of Plant Production*, 1-15.
- Sandeep, Dwivedi, A., Kumar, S., Singh, R.K., Vimal, S.C., Singh, V., Singh, P. and **Debnath, A.** (2022). A review on Genetic Analysis of Rice (*Oryza sativa* L.) Crop for Yield and its Contributing Characters. *International Journal of Environment and Climate Change*.2022 12(9): 138-142
- Debnath, A.**, Rai, M., Tyagi, W. and Das, S. (2017). Genetic Analysis of Yield Contributing Traits in Lowland Rice Genotypes under Acidic Soils. *International Journal of Bio-resource and Stress Management* 2017, 8(6):740-748.
- Debnath, A.**, Bhutia, K. L. and Sumpi, H. (2018). Mapping and Deployment of Blast Resistance Gene in Rice - A Work in Progress. *Int.J.Curr.Microbiol.App.Sci.* 7(05): 2073-2094.
- Das, S., Tyagi, W., Rai, M. and **Debnath, A.** (2017). Identification of Potential Genotype Influencing Stress Tolerance to Fe Toxicity and P Deficiency under Low Land Acidic Soils Condition of North Eastern Rice, “Shasarang”. *International Journal of Bio-resource and Stress Management*, 8(6):838-845.
- Das, B., Sikder, S., **Debnath, A.**, Yonzon, R., Kundu, S. and Das, A. (2017). Genetic divergence in tomato under alluvial zone of West Bengal. *Journal of Hill Agriculture*, 8(1):21-25.
- Debnath, A.**, Rai, M., Tyagi, W. (2021). Identification of Swarna x O. nivara (RPBio4918) advanced backcross lines performing well under acidic soil conditions. *Journal of Environmental Biology*.42, 240-246 (2021).
- Singh, P., Verma, O. P., Singh, V., Singh, P. K. and **Debnath, A.** (2020). Genetic Divergence Analysis in Rice (*Oryza sativa* L.) under Sodic soil condition. *The Pharma Innovation Journal*. 9(10): 343-346.
- Singh, P., Singh, P. K., Singh, V., Verma, O. P. and **Debnath, A.** (2020). A Study on Correlation and Path Analysis for Yield and Yield Components in Rice (*Oryza sativa* L.) under Sodic Soil. *Int.J.Curr.Microbiol.App.Sci.* 9(11): 1121-1126.
- Debnath, A.**, Singh, P.K., Yadav, R.D.S., Singh, V., Nath, S., Verma, O.P., Tripathi, R.M. and Chauhan, M.P. (2021). University teaching during Covid-19 pandemic. *Journal of Pharmacognosy and Phytochemistry*, Sp10 (1): 505-508.

- Sharma P, Vimal, S. C., Jha, N and **Debnath, A.** (2022). A Study under Sodic Soil Condition for Estimation of Correlation and Path Coefficient Analysis of Rice (*Oryza sativa* L.) Yield and Its Component Traits. *International Journal of Plant & Soil Science*, 34(22): 1210-1214.
- Pathak, S., Tiwari, M., Sharma, P., Dwivedi, A., Vimal, S. C., **Debnath, A** and Tripathi, S. (2022). Germplasm Evaluation, Genetic Variability, Heritability, Genetic Advance, and Character Analysis in Scented and Non-Scented Rice (*Oryza sativa* L.) Under Irrigated Conditions. *International Journal of Environment and Climate Change*, 12(11): 1855-1862.
- Singh, R., Singh, V., Dwivedi, A., Singh, H., Sharma, P., Sharma, P. K., Shahi, A. K., Dey, J. K. and **Debnath, A.**(2022). A Study on Correlation and Path Coefficient Analysis for Yield and Associated Traits in Bread Wheat (*Triticum aestivum* L.). *Research Biotica* 4(3): 113-118.

#### **Book Chapter**

- Bharati Lap, **Ashim Debnath**, Gourav Kumar Singh, Priyanka Chaturvedi, Joy Kumar Dey, Sajal Saha (2024). *Microbial Enzymes in Biodegradation of Organic Pollutants: Mechanisms and Applications*. Wiley Publisher. (Accepted)
- Vijay Kumar, Ashok Chhetri, Joy Kumar Dey and **Ashim Debnath**. (2024). *Microbial Indicators for Monitoring Pollution and Bioremediation*. Wiley Publisher. (Accepted)
- Jayakumar Pathma, **Ashim Debnath**, Jyoti Bhimgonda Patil, Laxman Sonawane Bhushan. (2020). *Deciphering and Harnessing Plant microbes: Detangling the Patterns and Process- A clean, Green Road to Sustainable Agriculture*. *Current Trends in Microbial Biotechnology for Sustainable Agriculture*. Springer. (123-159)
- Ashim Debnath**, Bimal Das, Maimom Soniya Devi and Ratul Moni Ram. (2021). *Fungal Exopolysaccharide Types, Production and Application*. Springer. (53-68).
- Asha Kumari, Mahendar Singh Bhinda, Sachin Sharma, Manoj Kumar Chitara, **Ashim Debnath**, Chandan Maharana, Manoj Parihar and Binny Sharma. (2021). *ROS Regulation Mechanism for Mitigation of Abiotic Stress in Plants*. *IntechOpen* (01-42).
- Ratul Moni Ram, **Ashim Debnath**, Shivangi Negi and H.B. Singh (2021). *Use of microbial consortia for broad spectrum protection of plant pathogens: regulatory hurdles, present status and future prospects*. Elsevier (319-335)
- Ashim Debnath**, Ratul Moni Ram, Asha Kumari, Paromita Saikia and Dharmendra Singh Lagoriya (2022). *Molecular Aspects of Host-Pathogen Interaction*. Taylor & Francis Group. 59-78.



Ratul Moni Ram, **Ashim Debnath**, Khumbarti Debbarma, Yengkhom Linthoingambi Devi and Jayakumar Pathma (2022). Tapping the Role of Plant Volatiles Inducing Multi-Trophic Interactions for Sustainable Agricultural Production .Taylor & Francis Group. 245-278.

Bhinda, M. S., Sanadya, S. K., Kumari, A., Kant, L., & **Debnath, A.** (2022). Omics for Abiotic Stress Tolerance in Foxtail Millet. In *Omics of Climate Resilient Small Millets* (pp. 27-52). Springer, Singapore.

### ***Popular Article***

Debnath, A., Dutta, S.S., Backiyalakshmi, C., Chandrakanthi, S. and Devi, S. (2016). Apomixis in Plant Breeding. *Agribios Newsletter*, Volume **14**(11), pp.83-84.

Dutta, S.S., Debnath, A., Backiyalakshmi, C., Chandrakanthi, S and Devi, S. (2016). Mutmap: To Accelerate the Genetic Improvement of Rice and other Crop Plants. *Agribios Newsletter*, Volume **14**(10), pp.21-22.

Backiyalakshmi, C., Dutta, S.S., Debnath, A., Chandrakanthi, S and Devi, S. (2016). Participatory Plant Breeding: A Breeding Approach. *Agribios Newsletter*, Volume **15**(01), pp.71.

Kumar, S.R., Dutta, S.S., Debnath, A., Deb, L. and Devi, S. (2016). Lensomics: Approaches in Lentil Molecular Research. *Agribios Newsletter*, Volume **14**(12), pp.81-82.

Chandrakanthi, S., Dutta, S.S., Backiyalakshmi, C., Debnath, A. and Devi, S. (2016). Transgenic Male Sterility A Strategy for Hybrid Production. *Agribios Newsletter*, Volume **15**(03), pp.18-19.

Devi, S., Dutta, S.S., Kumar, S.R., Debnath, A. and Backiyalakshmi, C. (2016). Cisgenics: A New Aim to Modify Crops. *Agribios Newsletter*, Volume **15**(02), pp.116-117.

Devi, M.S., Usha., Mishra, V.K. and Debnath, A. (2020). Thrips tabaci- a pest of major concern in onion and its sustainable way of management, *AGRICULTURE & FOOD: e-Newsletter*, Volume 2-Issue 4-April 2020.

Yaduvanshi, N., Debnath, A., Nath, S., Verma, O.P. and Pandey, J. (2021). cDNA Library: A Tool for Molecular Plant Breeding, *Biotica Research Today*, Volume 3(2), pp.114-115.

Pandey, J., Debnath, A., Tripathi, R.M., Verma, O.P. and Yaduvanshi, N. (2021). DNA Sequencing and its types, *Biotica Research Today*, Volume 3(2), pp.119-121.

Dwivedi, A., Kumar, S., Singh, R., Jha, N., Singh, V., & Debnath, A. (2021). Speed Breeding: A Contemporary Era of Revolution. *Biotica Research Today*, 3(12), 1172-1173.

Debbarma, K., Narayanaswamy, B., & Debnath, A. (2021). An Overview of Traditional Rice Beer of Tripura. *Biotica Research Today*, 3(4), 243-245.

**Presentation, abstract publication and participation in seminars/ symposium/ conferences/training programme and completion of online courses**

<b>S. No.</b>	<b>Item/Programme</b>	<b>Type of presentation</b>	<b>Title of the Abstract/Topic</b>	<b>Author/Authors</b>	<b>Details of programme</b>
1.	National Seminar on Sustainable Emerging Approach in Agri-Business Development	Oral Presentation	Genetic Analysis of Blast Resistance in Rice for North Eastern Hill (NEH) Region	<b>Ashim Debnath</b> , Mayank Rai and Wricha Tyagi	Nagaland University, School of Agricultural Sciences, Medziphema Campus, Nagaland  (Date: 01 <sup>st</sup> – 03 <sup>rd</sup> November, 2023)
2.	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on – Advancement in Plant Health Research- Retrospect & Prospect (Date:), Visva Bharati, Santiniketan, West Bengal, India.	Poster Presentation	Exploring Radish Genotypes: A Morphological Study to Identify Superior Performers in Papum pare District of Arunachal Pradesh	Nyagem Wangsa, Nancy Briangjo, Teresa Nuski Taruk, Meena Ragyor, Sakimumdi Gao, Diana Moyong, Bharati Lap and <b>Ashim Debnath</b>	Visva Bharati, Santiniketan, West Bengal, India.  (Date:7 <sup>th</sup> -8 <sup>th</sup> December,2023)
3.	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on – Advancement in Plant Health Research- Retrospect & Prospect (Date:), Visva Bharati, Santiniketan, West Bengal, India.	Poster Presentation	Impact of VAM and PSB on Growth and Yield of Radish Cultivars in Phosphorus-Deficient Soil of Arunachal Pradesh	Firdusur Rahman, Taj Yam, Takhe Soniya, Takar Sonom, Lungdoi Dokkam, Liang Yangfo, <b>Ashim Debnath</b> and Bharati Lap	Visva Bharati, Santiniketan, West Bengal, India.  (Date:7 <sup>th</sup> -8 <sup>th</sup> December,2023)
4.	International Conference on Recent Advances in	Poster Presentation	Utilising Genome Resources and Information for	Namanpreet Kaur, Nalini Tewari and	8 <sup>th</sup> -9 <sup>th</sup> August, 2022, Nagaon, Assam, India

	Agricultural, Biological and Applied Sciences Research		Crop Breeding Programs: Challenges and Opportunities	<b>Ashim Debnath</b>	
5.	2- Week Faculty Development Programme	Successfully completed	“Managing online classes and co-creating MOOCS 3.0”	<b>Ashim Debnath</b>	Teaching Learning Centre, Ramanujan College, University of Delhi- July 25- August 10, 2020.  Obtained grade A
6.	Massive Open Online Course (MOOC)	Successfully completed	Psychology of Learning	<b>Ashim Debnath</b>	ICAR-National Academy of Agricultural Research Management-1-15, May, 2020.
7.	One Week Faculty Development Programme	Successfully completed	Open Source Tools for Research	<b>Ashim Debnath</b>	Teaching Learning Centre, Ramanujan College, University of Delhi- June 08- June 14,2020
8	Massive Open Online Course (MOOC)	Successfully completed	Designing E-Learning Content	<b>Ashim Debnath</b>	ICAR-National Academy of Agricultural Research Management-1-31, July, 2020.
9.	National Webcon 2020 on Agricultural Production & support system managing Covid 19 pandemic: Experience sharing &	Poster presentation	Online Teaching During Covid-19 Pandemic- An Ongoing Experience And Further Strategies	<b>A. Debnath and R.D.S. Yadav</b>	CSA University of Agriculture & Technology, Kanpur, during 6-8 May 2020.

	Strategies				
10.	Workshop/Hands on training on Statistical Decision using SPSS	Participated	Human Resource Developmental Center, Lovely Professional University, Phagwara, Punjab	<b>Ashim Debnath</b>	. 7 <sup>th</sup> March to 9 <sup>th</sup> March 2019; Obtained “0=>90%” grade
11.	Workshop	Participated	We4Climate: Popular Lecture series on climate change and sustainable development	<b>Ashim Debnath</b>	Organised jointly by Deutsche Gesellschaft fur Internationale Zusammenarbeit GmbHIndia and Centre for Environment Education, LPU,Punjab
12.	Indian Science Congress	Participated	106 <sup>th</sup> Indian Science Congress January 3 to 7, 2019	<b>Ashim Debnath</b>	Lovely Professional University, Phagwara, Punjab
13.	1 <sup>st</sup> Farm innovation congress,2018 and National Conference on Innovative farming for food and livelihood security in changing climate	Poster presentation	Identification of Genotypes Resistant to Leaf and Neck Blast Pathotypes in Minicore Collection Prevalent to NEH Region.	<b>Ashim Debnath,</b> Mayank Rai and Wricha Tyagi	FACC,BCKV, Kalyani, Nadia, West Bengal.12-13 <sup>th</sup> January,2018(FIC -113)
14	International Symposium on Biodiversity and Biobanking. Biodiverse 2018	Poster presentation	Generation and characterization of diverse natural and bi-parental populations:a key resource for mapping leaf and neck blast resistance in rice.	Hage Sumpi, <b>Ashim Debnath,</b> Wricha Tyagi, Mayank Rai	27-29 January 2018, IIT Guwahati.PP-FAB007, URID:12190003
15	1 <sup>st</sup> National Genetics Congress (NGC) 2018	Poster presentation	Evaluation of rice mini core and F <sub>2</sub> population for resistance to leaf and neck blast pathotypes	<u>Ashim Debnath,</u> Mayank Rai Wricha Tyagi,	December 14-16, 2018, IARI, New Delhi

			prevalent in NEH region.		
16	National Symposium-Diagnosis and Management of Plant Disease: Integrated Approaches and Recent Trends	Oral presentation	Evaluation of rice germplasm & Recombinant Inbred Lines for resistance to leaf and neck blast pathotypes prevalent to NEH region	<b>A. Debnath</b> , K.L. Bhutia, W. Tyagi and M. Rai	ICAR Research Complex for NEH Region, Umiam, Meghalaya. January 9-11, 2017
17	Third International Conference on Bioresource and Stress Management	Oral presentation	Genetic Analysis of Yield Contributing Traits in Lowland Rice Genotypes under Acidic Soils	<b>Ashim Debnath</b> , Mayank Rai*, Wricha Tyagi, Sudip Das <sup>4</sup>	Jaipur, Rajasthan, 8-11th Nov, 2017. (Participant's ID-3ICBSM0341)
18	Third International Conference on Bioresource and Stress Management	Poster presentation	Identification of Potential Genotype Influencing Stress Tolerance to Fe Toxicity and P Deficiency under Low Land Acidic Soils Condition of North Eastern Rice, "Shasharang"	Sudip Das, Wricha Tyagi*, Mayank Rai and <b>Ashim Debnath</b>	Jaipur, Rajasthan, 8-11th Nov, 2017. (Participant's ID-3ICBSM0429)
19	National Seminar on Integrating Agri-Horticultural and Allied Research for Food and Nutritional Security in the Era of Global Climate Disruption	Poster presentation	Identification of O. nivara x Swarna advanced backcross lines performing well under acidic soil and aluminium toxic hydroponic conditions	<b>Ashim Debnath</b> Samlamgwamlie Michui, Wricha Tyagi, Devyani Sen, A Pattanayak, Mayank Rai,	Imphal, Manipur-4-6 March, 2016. (Participant's ID-248)
20.	Two days Training Workshop on Plant Genetic Resource (PGR) Management and Biodiversity Conservation	Participated		<b>Ashim Debnath</b>	Held under the Institutional Biotech Hub on 26 <sup>th</sup> and 27 <sup>th</sup> February, 2016, at the College of Post Graduate Studies.