



# NEWSLETTER

July- December, 2024  
Volume 10, Issue 2



**College of Agriculture, Tripura**  
**Lembucherra, West Tripura - 799210**





## College of Agriculture, Tripura

Lembucherra -799 210, West Tripura

### FOREWORD

As can be seen from this Newsletter covering the period from July, 2024 to December, 2024, it is a matter of great pleasure for me to realize the fact College of Agriculture, Tripura is continuing to thrive and prosper, buoyed by the talent, commitment and diligence of all sections of employees and students involved in proper functioning of this College. There is a rich flow of scholarly information being accommodated in this Newsletter.

Commemorating 18<sup>th</sup> Foundation Day celebrated on 30<sup>th</sup> August, 2024, toppers of B.Sc (Hons) Agriculture and M.Sc.Ag. (Agronomy) were awarded with certificate of appreciation and medals . This sort of admiration to the students for their academic excellence and to the staff for their efficient performance will, as assessed by us, definitely augment the enthusiastic zeal of persons to achieve in the time to come. Rural Entrepreneurship Awareness and Development Yojana (READY) has also been carried out by 4<sup>th</sup> year students effectively in various skill oriented learning activities. I extend my heartfelt thanks and appreciation to all including the Editorial Board to bring out this publication of News Letter in an elegant mode.

**Prof. Debashish S n**  
Principal,  
College of Agriculture, Tripura



## NATIONAL CONFERENCE

### IPS North-Eastern Zonal meet and AAAs National Conference

College of Agriculture, Tripura along with Indian Phytopathological Society (IPS), New Delhi and Academy for Advancement of Agricultural Sciences (AAAS), Kalyani has organized “IPS North-Eastern Zonal Meet & AAAS National Conference on “Advances in Innovative Technologies & Plant Health Management Strategies in Climate Resilient Agriculture (AITPCRA - 2024)” in collaboration with Society for Advancement of Agricultural Innovation (SAAI), Agartala, Tripura and Directorate of Extension Education (DEE), CAU, Imphal during September 26-27, 2024 at College of Agriculture, Tripura.

Hon'ble Governor of Tripura His Excellency Indrasena Reddy Nallu has inaugurated the National Conference which was also attended by over 200 scientists, research scholars, and dignitaries from different regions of India. In his address, His Excellency urged the scientific community to work towards Climate Resilient Agriculture and sustainable agriculture approaches. The conference included Eleven (11) Themes covering various disciplines of Agriculture and Allied Sciences. In this regard, Abstract Book cum Souvenir on the “IPS North-Eastern Zonal Meet & AAAS National Conference on “Advances in Innovative Technologies & Plant Health Management Strategies in Climate Resilient Agriculture (AITPCRA - 2024)” was also released on the inaugural day. The valedictory session of the National Conference was graced by Hon'ble Minister of Agriculture & Farmers Welfare, GoT, Sri.Ratan Lal Nath; Hon'ble Vice Chancellor, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur (BCKV), West Bengal, Dr. Ashok Kumar Patra, and Prof. (Dr.) Debashish Sen, Principal, College of Agriculture, Tripura along with other dignitaries. The students of the college also entertained the participants and guests with their beautiful cultural programmes.



Hon'ble Governor of Tripura Inaugurating the National Conference



Shri. R.L. Nath, Hon'ble Minister of Agri. & FW, GoT during the Valedictory session



## SPECIAL PROGRAMMES

### Field Day:

College of Agriculture Tripura (CAT), had organized Field Day on “**Millet cultivation and its value addition**” in collaboration with NABARD, Tripura Regional office, Agartala on 10<sup>th</sup> July, 2024. In this programme, a total of 45 Farmers were present from different districts like Gomati, Khowai and West Tripura. Shri Anil S. Kotmire, General Manager of NABARD, Tripura regional office graced the occasion as Guest of Honour.



Welcome speech by Principal, CAT



Speech by Dr. Manoj Singh Sachan



Field visit



Prize Distribution to the Farmer



## Independence Day Celebration:

College of Agriculture, Tripura celebrated 78<sup>th</sup> Independence Day on 15<sup>th</sup> August 2024 with great enthusiasm and national fervour. Prof. Debashish Sen, Principal, CAT hoisted the national flag and addressed the gathering. Faculty members, students, staffs and local people from neighboring areas had joined for the celebration of this important day.



## Foundation Day:

18<sup>th</sup> Foundation Day of College of Agriculture, Tripura was celebrated on 30<sup>th</sup> August, 2024 with great enthusiasm. Hon'ble Justice Arindam Lodh, High Court of Tripura, was the chief guest of occasion. The programme was also graced by Director of IGNOU, Agartala Centre, Dr. Prasanjit Bhowmik; Dean of College of Fisheries, CAU, Dr. B. V. Patil; and Shri Anil S. Kotmire, General Manager of NABARD, Tripura regional office. The guests in their address to the gatherings have congratulated the college for significant achievements made so far. Various cultural programs were performed by students on this important occasion. The topper of B.Sc (Hons.) Agriculture programme, Ms. Ankita Baidya; and topper of PG programme, Ms. Anandika Kar, M.Sc.Ag. (Agronomy) were felicitated on the day for their academic performance.



Speech by Chief guest  
Hon'ble Justice Arindam Lodh



Felicitations of Topper



### Teachers' Day:

Students of College of Agriculture Tripura, celebrated 63<sup>rd</sup> Teachers Day on 5<sup>th</sup> September, 2024 to mark the birth anniversary of Dr.Sarvepalli Radhakrishnan, former president of India .On this occasion, the students, as a mark of respect felicitated the teachers. Also few teachers performed singing and blessed the students during the programme held at auditorium.



Teachers' Day celebration

### World Soil Day:

World Soil Day was celebrated on 5<sup>th</sup> December, 2024 at College of Agriculture, Tripura with the theme of **"Caring of Soils Measure, Monitor, Manage"**. On this occasion, Chief Guest Prof. Sabyasachi Dasgupta, Dept.of Forestry & Biodiversity, Tripura University has delivered a lecture on 'From data to action: managing soils for a sustainable tomorrow'. A quiz competition was conducted for students of the College to raise awareness about the soil health. The programme was sponsored by National Bureau of Soil Survey and Land Use Planning (NBSS&LUP), Nagpur, Maharashtra.





## International Ozone Day:

College of Agriculture, Tripura celebrated International Ozone Day on 13<sup>th</sup> September, 2024 with the theme of **“Montreal Protocol-Advancing Climate Actions”**. On this occasion T-shirt painting competition among students was organized along with quiz programme on Montreal Protocol and awareness about Ozone day.



Participants during the Painting Competition



The Winners

## National Farmers' Day:

The National Farmers Day - Awareness cum training Programme was celebrated by College of Agriculture, Tripura, on 23<sup>rd</sup> December, 2024 to commemorate the birth anniversary of Former Prime Minister Chaudhary Charan Singh. under the project entitled "Expansion Of Area under Millets in Tripura through Evolution of production Technology, It's Processing and value Addition" under "AICRP on Pearl Millet". Funded by ICAR-IIMR, Hyderabad The programme was graced by Chief Guest, Mr. Anil S. Kotmire, General Manager, NABARD, Agartala, along with Dr. Debashish Sen, Principal, College of Agriculture, Tripura. Other distinguished Guests present were Dr. Manoj Singh Sachan, Senior Scientist and Head, KVK Khowai; Dr. Rajib Ghosh, Deputy Director (Horticulture), SHRS, GoT; Dr. Uttam Saha, Joint Director of Agriculture (Research), SARS,GoT; and Mr. Arabinda Debbarma, Director, T-SAMETI, GoT. Farmers along with the dignitaries have participated in the lamp-lighting ceremony, symbolizing their integral role in agriculture.



Felicitations to the Farmer



## EDUCATION

### Rural Entrepreneurship Awareness Development Yojana (READY):

Student READY programme launched by the Hon'ble Prime Minister of India on 25<sup>th</sup> July, 2015, as an initiative of ICAR fifth Deans Committee with the following components viz. Rural Agricultural Work Experience (RAW), In Plant Training/ Industrial attachment, Experiential Learning Programme, Hands-on training(HOT)/ Skill development training, Students Projects. Under READY programme, as part of RAW, B.Sc. (Hons.) 7<sup>th</sup> semester students of the college were sent to ICAR, Tripura Centre for doing **Unit attachment** component and afterwards they were made to stay at BAPCL, Sepahijala for doing their **Village attachment** component. Another important component under READY programme is **AIA** (Agro-Industrial Attachment), for which students were divided into different groups and sent to various Agriculture and Allied sector based industries of the state for developing a mind-set through the exposure of industrial environment for becoming an entrepreneur or 'job provider instead of job seeker'.



Activities under READY Programme



## Study Tour:

The students of B.Sc. (Hons.) Agriculture 6th semester had gone on study tour from 3<sup>rd</sup> August 2024 to 19<sup>th</sup> August 2024 to various institutions as part of their curriculum. The students visited IIT, Guwahati; CPRS, Shillong; OUAT, Bhubaneswar; ICRISAT, Hyderabad; MANAGE, Hyderabad during the study tour. During the tour at Hyderabad, the students and guide teachers were very fortunate to meet and greet His Excellency Governor of Telangana, Shri Jishnu Deb Barman.



With His Excellency, The Governor of Telangana, Shri. Jishnu Dev Barman.



At Central Potato Research Station (CPRS), Shillong



At International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)



At the Dept. of Bioscience and Bioengineering, IIT, Guwahati



At Central Instruments Facility, IIT Guwahati



At MANAGE, Hyderabad



## EXTENSION / OUTREACH ACTIVITIES

### Promotion of Millets :

A Programme on “**Promotion of Millets in India**” has been organized by North Eastern Regional Agricultural Marketing Corporation Ltd. (NERAMAC) in collaboration with College of Agriculture, Tripura on 27<sup>th</sup> & 28<sup>th</sup> August, 2024 at college campus. Farmers Producer Organizations (FPOs) from different districts of Tripura and other North Eastern states viz. Assam, Arunachal Pradesh, Sikkim, had participated in the programme showcasing their various products and other natural commodities.



Lighting of Lamp by dignitaries



Speech by Principal, CAT



Dean, CoF, CAU (I) speaking on the occasion



Stall Visit

### Promotion of Pulses in Tripura:

A training cum awareness programme entitled “**Promotion of Pulses in Tripura**” was organized by AICRP-Kharif Pulses, CAT under its NEHP component in coordination with Dukli Agri-Subdivision at Sekerkote Sector Office, Sekerkote, West Tripura on 11<sup>th</sup> September 2024. Thirty (30) numbers of Progressive farmers participated in the programme. The training programme was presided by Ar. Asish Chakraborty, Assistant Director; Ar. Paresh Debbarma, Agricultural Officer, Sekerkote Agri. Sector; alongwith Mr. Partha Das, Asstt. Prof and Scientist (PB); Dr. Biman De, Scientist (Agronomy), and



Dr. Budhachandra Thangjam (Agril. Entomology) from AICRP-Kharif Pulses, College of Agriculture Tripura. The technical support and logistics were provided by the ATMA staff of Dukli Agri-Subdivision, West Tripura.



Input distribution to the participants



Lecture on package and practices of pulses cultivation by  
Dr. Biman De, Scientist (Agronomy),  
AICRP-KP, CAT, Lembucherra

### Training cum input distribution Programme:

A farmers training cum input distribution programme on **“Seed Production of Onion: a new Approach towards self Sufficiency in Tripura”** was conducted by College of Agriculture, Tripura, on 11<sup>th</sup> July, 2024. The programme was sponsored by NABARD, Tripura Regional office. The farmers were provided with planting materials.



Input distribution



Farmers attending the programme



## Training Programme on Scientific Cultivation of Fodder Sorghum:

Forage sorghum is a valuable fodder, and its scientific cultivation needs to be popularized in the Agro-climatic conditions of Tripura. The College of Agriculture, Tripura, has successfully organized a training program on “**Scientific Cultivation of Fodder Sorghum**” under the project funded by Indian Council of Agricultural Research-Indian Institute of Millets Research (ICAR-IIMR), Hyderabad, on 10<sup>th</sup> December, 2024, at College of Agriculture, Tripura. About 25 numbers of farmers from North Charilam and Chesrimai of Sepahijala District have participated in the training programme. As part of the programme, farmer trainees along with the resource persons visited demonstration plots of Fodder Sorghum.



Field Visit at Sorghum Plot



Lecture during the Training

## Training Programme On Kharif Pulses :

A “Training Programme on Kharif Pulses [Green gram & Black Gram] Cultivation” was organized by College of Agriculture, Tripura, under project entitled “**Promotion of Pulses In NEH Region (Tripura)**” funded by ICAR-IIPR, Kanpur, Uttar Pradesh on 2<sup>nd</sup> September, 2024. Thirty (30) numbers of Progressive farmers participated in the programme. Mr. Raju Rabi Das, SA Bamutia, West Tripura graced the training programme as a guest.





### Farmers Training / Demonstration / Input Distribution Programme :

Farmers Training / Demonstration/Input Distribution on “**Promotion of Kharif Pulses in Unakoti District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “Promotion Of Pulses In NEH Region (Tripura)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 12<sup>th</sup> September, 2024. Thirty Five (35) numbers of Progressive farmers participated in the programme. Dr. Biswajit Pal, Head of KVK Unakoti, Mr. Ripan Das, SMS, KVK, Unakoti graced the training programme as a guests.



Input Distribution

### Farmers Training / Demonstration / Input Distribution Programme :

Farmers Training/ Demonstration/Input Distribution on “**Promotion of Kharif Pulses in Gomati & South Tripura District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “PROMOTION OF PULSES IN NEH REGION (TRIPURA)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 13<sup>th</sup> September, 2024. Fifty Eight (58) numbers of Progressive farmers participated in the programme. Shri. Diganta Kr. Das, DGM of NABARD, Mr. Sudip Majumder, Managing Director of BAPCL graced the training programme as a guest.



Demonstration to the Farmers



With Trainees



### Field day cum Demonstration Programme :

Field day cum Demonstration Programme on “**Black gram Cultivation in West Tripura**” was organized by College of Agriculture, Tripura, under project entitled “PROMOTION OF PULSES IN NEH REGION (TRIPURA)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 18<sup>th</sup> September, 2024. Eighteen (18) numbers of Progressive farmers participated in the programme. Mr. Raju Rabi Das, SA Bamutia graced the training programme as a guest.



Field Demonstration

### Farmers Training/ Demonstration/Input Distribution Programme

Farmers Training/ Demonstration/Input Distribution on “**Promotion of Kharif Pulses (Black Gram) in North Tripura District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “PROMOTION OF PULSES IN NEH REGION (TRIPURA)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 24<sup>th</sup> September, 2024. Twenty (20) numbers of Progressive farmers participated in the programme. Mr. Bijoy Debnath, Sector Officer of Jubrajnagar, North Tripura district graced the training programme as a guest.





### Farmers Training/ Demonstration/Input Distribution Programme :

Farmers Training / Demonstration / Input Distribution on “**Promotion of Kharif Pulses [Black Gram] in Sepahijala District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “PROMOTION OF PULSES IN NEH REGION (TRIPURA)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 08<sup>th</sup> October, 2024. Eight (8) numbers of Progressive farmers participated in the programme. Mr. Prabir Datta, Sector Officer of Sepahijala district graced the training programme as a guest.



Input Distribution



Demonstration

### Farmers Training / Demonstration / Input Distribution Programme :

Farmers Training/ Demonstration/Input Distribution on “**Programme on rabi Pulses [Lentil and Rajma] Cultivation in Sepahijala District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “PROMOTION OF PULSES IN NEH REGION (TRIPURA)” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 30<sup>th</sup> November, 2024. Eight (8) numbers of Progressive farmers participated in the programme. Mr. Prabir Datta, Sector Officer of Sepahijala district graced the training programme as a guest.



Input Distribution



### Field Day cum Demonstration Programme :

Field day cum Demonstration Programme on “**Rabi Pulses [Rajma] Cultivation in South Tripura District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “**PROMOTION OF PULSES IN NEH REGION (TRIPURA)**” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 01<sup>st</sup> December, 2024. Twenty (20) numbers of Progressive farmers participated in the programme.



Field Demonstration Plot

### Farmers Training/ Demonstration/Input Distribution Programme :

Farmers Training/ Demonstration/Input Distribution on “**Promotion of rabi Pulses [Lentil and Rajma] in West Tripura District of Tripura**” was organized by College of Agriculture, Tripura, under project entitled “**PROMOTION OF PULSES IN NEH REGION (TRIPURA)**” funded by ICAR-IIPR, Kanpur, Uttar Pradesh under its NEH Programme on 04<sup>th</sup> December, 2024. Thirty Five (35) numbers of Progressive farmers participated in the programme. Mr. Balai Goswami, Chairperson of the West Tripura Zilla Parishad, Mr. Raju Rabi Das, SA Bamutia West Tripura, Mr. Ranjit Das, DDA, West Tripura, Dr. D. Sen, Principal, CAT graced the training programme as a guest.



Interaction with Farmers



Input Distribution



## MISCELLANEOUS

### School Students' Visit:

Students from various schools from different districts of Tripura, as part of their excursion tour, had visited College of Agriculture, Tripura, along with their guide Teachers. The students were taken on a campus walk and laboratory visits with an objective of arousing curiosity and interests amongst students to study and choose Agriculture as one of the important career option.





## Awards/Honours/Recognition :

Dr. Amar Bahadur, Asst. Professor (Plant Pathology) has been conferred with Dr. A.P.J. Abdul Kalam Award- 2024 by the Association of Researchers and Academicians India (ARAI), Wayanad, Kerala, India.

Dr. Ranjana Prasad Asstt. Prof (Microbiology) acted as Supervisor/Guide Teacher for the project entitled "Isolation and characterization of rhizobial isolates for selecting potential nitrogenous biofertilizer for crop legumes." in the 7<sup>th</sup> Student Project Programme which has been awarded by Tripura State Council for Science and Technology during a programme held at Pragna Bhawan, Agartala, on June 27<sup>th</sup> and 28<sup>th</sup>, 2024.

## Staff News



1. Thirteen (13) new Staffs joined as a Field Cum Lab Assistant (FCLA) at College of Agriculture, Tripura on 1st December 2024.

A one dedicated staff electrician & one plumber have been engaged by the College authority.

2. Smt. Anjali Debbarma, Farm Worker, has superannuated from her service on 31.12.2024.

## Facilities Created/Maintenance Work :

- Work on Extension of existing Play Ground has been taken up for students' recreational activities and other official engagement.
- An Incubation Center has been established at CAT under New Generation Innovation Network (NGIN) funded by DIT, GoT.
- E-office and Government Electronic Market (GeM) service has started from 1<sup>st</sup> August, 2024, in the College of Agriculture, Tripura.
- Installation of 100 KVA Transformer for Type-II & III residential quarter and extension of HTLT line.
- Shifting of 100 KVA substation and extension of HTLT Line to type-VI and residential girls' hostel.



Playground

## Special Information :

- Extension of affiliation by Tripura University (A Central University) for M.Sc. (Ag.) in Agronomy and M.Sc. (Ag.) Horticulture was given to the College.
- As per the recommendation given by Peer Review Team (PRT) of ICAR, the number of student intake has increased from 40 to 60 for UG programme in B.Sc. (Hons) Agriculture at College of Agriculture, Tripura.



Incubation Centre



<b>FACULTY MEMBERS</b>
<b>DEPARTMENT OF AGRONOMY</b>
Dr. Debashish Sen, Professor, Agronomy
Dr. Abhijit Saha, Assistant Professor (Agronomy)
Dr. Utpal Giri, Assistant Professor (Agronomy)
Dr. Debasree Saha, Assistant Professor (Agronomy)
<b>DEPARTMENT OF HORTICULTURE</b>
Dr. Sukhen Ch. Das, Assistant Professor (Horticulture)
Dr. Ezekiel Reang, Assistant Professor (Horticulture)
Dr. Tridip Bhattacharjee, Assistant Professor (Horticulture)
Dr. Kunal Debbarma, Assistant Professor (Horticulture)
Dr. Th. Irenaeus K.S. Assistant Professor (Horticulture)
<b>DEPARTMENT OF GENETICS &amp; PLANT BREEDING</b>
Mr. Kamal Tripura, Assistant Professor (GPB)
Mr. Partha Das, Assistant Professor (GPB)
Dr. Swapan Deb Roy, Assistant Professor (GPB)
<b>DEPARTMENT OF SOIL SCIENCE &amp; AGRIL. CHEMISTRY</b>
Dr. Saurav Das, Assistant Professor (SSAC)
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Dr. Navendu Nair, Assistant Professor (Agril. Entomology)
Dr. B.C. Thangjam, Assistant Professor (Agril. Entomology)
<b>DEPARTMENT OF PLANT PATHOLOGY</b>
Dr. Amar Bahadur, Assistant Professor (Plant Pathology)
Dr. Durga Prasad Awasthi, Assistant Professor (Plant Pathology)
Dr. Niren Majumder, Assistant Professor (Plant Pathology)
<b>DEPARTMENT OF ANIMAL HUSBANDRY &amp; DAIRY TECHNOLOGY</b>
Dr. Dipak Sinha, Assistant Professor (AHDT)
<b>DEPARTMENT OF AGRIL. ENGINEERING</b>
Dr. Amaresh Sarkar, Assistant Professor (Agril. Engineering)
<b>DEPARTMENT OF AGRIL. EXTENSION</b>
Dr. Dharmendra Debbarma, Assistant Professor (Agril. Extension)
<b>DEPARTMENT OF BPME</b>
Dr. Ranjana Prasad, Assistant Professor (Microbiology)
<b>AICRP ON KHARIF PULSES, TRIPURA CENTRE</b>
Dr. Biman De, Scientist (Agronomy)





**Bird's-eye view of students' plot at Instructional Farm**

## **ACKNOWLEDGEMENTS**

The editorial team sincerely acknowledges the generous inputs received from the faculty members, students and staff from Accounts and Establishment section of the College, which have enriched the content of this publication. We extend our special gratitude to Prof. Debashish Sen, Principal, CAT, for his valuable suggestions, as well as constant guidance and support.

### **EDITORIAL BOARD:**

**Dr. Dharmendra Debbarma**, Asst. Professor (Agril. Extension) & Coordinator, PPC

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**Ms. Sarmistha Sarkar**, FCLA, Dept. of Agril. Extension

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**Published by** : **Prof. Debashish Sen**, Principal, College of Agriculture, Tripura

**Contact** : College of Agriculture, Tripura, Lembucherra, West Tripura - 799210

**E-mail** : [catagartala@gmail.com](mailto:catagartala@gmail.com)

**Website** : [www.coatripura.ac.in](http://www.coatripura.ac.in)

**Printed at** : Digital Printing Press, Agartala, Tripura, M : 9862450300