





ACTIVITIES OF THE MONTH OF AUGUST-2023

PREPARED BY: Department of Agriculture



Our department has well qualified faculty members. We are trying to take the department further in a united manner. It is planned to take the future path of the students by giving them hands-on-training. Emphasis has been given on the research of the faculties. We are also working on project submission matters.



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Research activities

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Collection of soil samples from the farm land for estimating the primary nutrients of soil at *Choto-Jagulia*







Research activities



DNA Extraction of 18 different farmer's variety of rice in Plant Science Lab









Estimation of the total leaf chlorophyll content from the different varieties of rice in Soil Science Lab





Field Preparation (Puddling) for the transplanting of rice seedlings











Bund Preparation in main field of rice



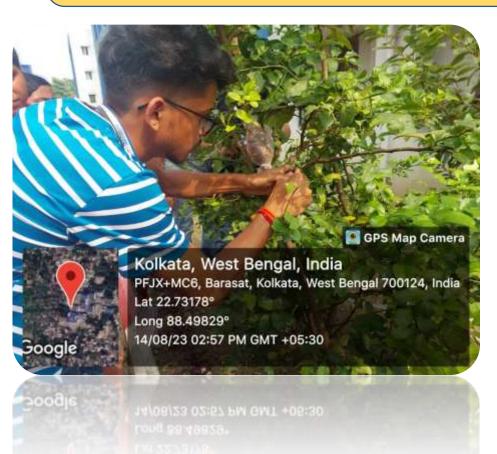
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Basal Application of Fertilizers



Transplanting of rice seedlings in main field







Air-Layering (Gottee) of **Different fruit plants**













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Chhota Jagulia, West Bengal, India PGJJ+R2W, Chhota Jagulia, West Bengal 700124, India Lat 22.732148° Long 88.530416° 22/08/23 12:43 PM GMT +05:30

Nursery raising of different vegetable crops









Chipota Jaguila, West Bengal, India PGJJ+R2W, Chhota Jaguila, West Bengal 700124, India Lat 22.732148* Long 88.530416* 24/08/23 0318 PM GMT +05:30





Cuttings made from Aralia sp. Semi-hardwood cutting made from Allamonda Plant

Grafting of Hibiscus rosasinensis





DST Models prepared by our students



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OT ARNAS

Low-cost Vertical Farming

Spring tooth Manually operated weeder



Low-cost sticky light

trap



Publications

Research Paper (One)	Accepted in Indian Journal of Genetics and Plant Breeding (SCI Index)
Book Chapter (Two)	IIP Series (In Press), Agro Environmental Media (In Press)
Book (One)	Agro India Publishing House (In Press)
Patent (Two)	Patent Number: 202331058279 and 202331058277 (Filed)
Popular Article in Bengali Daily News Paper (Two)	Submitted

Projects

MSME Idea Hackathon	Five (Submitted)
DST Sponsored Workshop Model	Three (Models Prepared)
SERB Project	Two (Ongoing)







Ms. Madhusri Pramanik and Mr. Pabitra Kumar Ghosh have successfully defended final Viva-voce of their Doctoral Degree Programme and received their Ph.D. Degree





- MSME-Online Internship Training Programme on "FULL STACK DATA SCIENCE WITH PYTHON" (Organized by GOI).
- □ National Webinar organized ANGRAU-POSHAN Incubator.
- **FDP on Coursera on Sustainable Agricultural Land Management organized by University of Florida.**
- **Training programme on Data Analysis with R (Organized by KAU, Thrissur).**
- **FDP** course from Udemy on Hydroponics design farming and Medicinal Mushroom.
- FDP PROGRAM ON Research methodology, bibliometric analysis and data analysis using R ORGANIZED BY University of Agricultural Science, Karnataka and European Laser Academy, Germany.

Department of Agriculture, Brainware University

