



Department of Agriculture, Brainware University



# **ACTIVITIES OF THE MONTH OF AUGUST-2023**

**PREPARED BY: Department of Agriculture**



## REMARKS OF HEAD OF THE DEPARTMENT

*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.*

*Soham Hazra  
01/09/2023*



# Research activities



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**

## Research activities



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



## Student activities during Practical Hours



**Field Preparation (Puddling)  
for the transplanting of rice  
seedlings**



# Student activities during Practical Hours



**Bund Preparation in main field of rice**

**Basal Application of Fertilizers**

**Transplanting of rice seedlings in main field**



# Student activities during Practical Hours



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



# Student activities during Practical Hours



Nursery raising of different vegetable crops

## Student activities during Practical Hours



Cuttings made from  
*Aralia sp.*



Semi-hardwood cutting  
made from Allamonda  
Plant



Grafting of *Hibiscus rosa-*  
*sinensis*



# DST Models prepared by our students



**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)



## Academic Credentials



**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**



## Faculty Development Programme

- ❑ **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.**





*Thank  
you!*