

DEPARTMENT OF BOTANY

RESEARCH INCENTIVES

AMOUNT RECEIVED FROM THE MANAGEMENT: **Rs.99,378**

2023-2024

S.NO.	DESCRIPTION
INSTRUMENTS, GLASSWARES & CHEMICALS	
1	Magnesium chloride
2	Potassium chloride
3	Conical flasks 500 mL
4	Petridishes
5	Beakers 100 mL
6	Beakers 500 mL
7	Beakers, Polythene 2000 mL
8	Burettes 50 mL
9	Conical flasks 500 mL
10	Measuring cylinders 10 mL
11	Measuring cylinders 100 mL
12	Screw cap bottles 1000 mL
13	Mortar & pestle 75mm
14	Mortar & pestle 125mm
15	Micropipette 20-200 uL
16	Salinity meter
17	Micropipette 100-1000 uL

18	Student microscopes: Weswox (HL-33), Widefield senior student microscope with rack & Pinion condensor movement
19	Orbital shakers with lotus clamps or rubber bush Gyandeeep make platform shaker to hold 9 x 250 ml flask digital RPM and speed regulator lotus lamp
20	Student microscope
21	Hygrometer
BOOKS	
1	A textbook of practical Botany-1 by Pon Kempurai, Ajit Kumar Tamuli
2	A textbook of practical Botany-2 by Bendre, Kumar
3	Experimental hand book of techniques in molecular biology and Biotechnology by M. Surender
4	Experimental hand book of techniques in molecular biology and Biotechnology by M. Surender
5	A Manual of Botany by Robert Bentley
6	A textbook of Botany for Colleges and Universities by Charler Reid Barnes, Hentry Chandler cowles, John Merle coulter
7	Field Manualof plant Taxonomy for UG and Botany students by Gopinath Hait
8	Biodiversity with practical by Dr. Kalyan Das
9	Economic Botany withpractical by Dr. Sanjeeb kumar Nath
10	Horticultural practices and post- harvest technology with practical by Dr.Pradip Kumar Baruah. Dr. Milu Rani Das, Debajit Saikia
11	Cell Biology practical manual by Dr. Renu Gupta, Dr.Seema Makhija, Dr.Ravi Toteja
12	Allied Botany practical by R. Manonmani, M,Revathi
13	Objective Botany by R.Gupta
14	Modern practical Botany Volume II by Dr. B.P.Pandey

15	Microbiology practical manual by Amita Jain. Vimala Venkatesh, Jyotsna Agarwall
16	Practical Biotechnology and plant tissue culture by Prof. Santhose Nagar, Dr. Madhavi Adhav
17	Practicals in Commercial Botany and Phytochemical analysis by Dr. O.P Sharma
18	Practicals in Commercial Botany and Phytochemical analysis by Dr. O.P Sharma
19	Manuals of Molecular Biology by S.K Singh
20	A textbook of practical Botany Vol-2 by Bendre, Kumar
21	A textbook of practical Botany Vol-1 by Ashok M. Bendre, Ashok kumar
22	Practical manual of Horticulture by Kaashal kumar Misra
23	Practical manual of Horticulture by Kaashal kumar Misra
24	Handbook of practical Botany by Mahender Srivastav
25	PG practical manual experimental plant Physiology and Biochemistry manual by Ashok kumar Bera, Bandana Bose, Rajesh kumar
26	PG practical manual experimental plant Physiology and Biochemistry manual by Ashok kumar Bera, Bandana Bose, Rajesh kumar
27	Plant tissue culture by Kalyan Kumar De
28	Genome Analysis and Bioinformatics: A practical Approach by T.R Sharma
29	Botany for Competitive Examinations by P. Suresh Narayana, T. Pullaiah, D. Varalakshmi
30	Vinesh practical Botany-III (Cell and MolecularBiology, Diversity of Microbes, Algae,Bryophytes and Pteridophytes) by Dr. Bharti Razden Kamposi, Dr. Anju koul, Sania Hamid
31	Vinesh practical Botany- (Cell Biology and Genetics) by Dr. Bharti Razden Kamposi, Dr. Anju koul Raina
32	Vinesh practical Botany-Anatomy, Reproductive Biology and Ecoogy by Dr. Bharti Razden Kamposi, Dr. Neeti Chhibber Datta