

Department of Botany

Research Projects carried out in the Department

S.No	Faculty Name	Title of the Project	Duration	Type of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Any JRF / SRF / staff appointed in this project
1	Dr. A. Vijayalakshmi	Crop improvement and utilization of winged beans	1993-1994		UGC	14,000	-
2	Dr. A. Vijayalakshmi & Dr. R. Karthiyayini	Vermicompost as Soil Supplement to Enhance Biometric, Yield and Biochemical Analysis of Selected Medicinal Plants	4 months (01.12.2016-31.03.2017)	ADU - In House Project	AIHS&HE (UGC)	20,000	-
3	Dr. A. Vijayalakshmi & Dr. V. Gayathri	Growth of vegetable crops using vermicompost	4 months (01.12.2016-31.03.2017)	ADU - In House Project	AIHS&HE UGC	20,000	-
4	Dr. M. K. Nisha and Dr. D. Leena Lavanya	Eco friendly production and purification of tannase obtained from <i>Aspergillus flavus</i>	4 months (04.12.2017-31.03.2018)	ADU - In House Project	AIHS&HE UGC	20,000	-
5	Dr. M. K. Nisha	AI based Environmental Monitoring System for Mushroom Cultivation	1 year (Ongoing from 03.05.2021)	Artificial Intelligence	DST-CURIE-AI-Phase II- Proj. 30	36,000	E Gaayathiri Devi, Ph D Research Scholar
6	Dr. R. Karthiyayini	Design and Implementation of Artificial Intelligence Based Machine Learning Algorithm for Plant Herbarium Species Identification	1 year (Ongoing from 03.05.2021)	Artificial Intelligence	DST-CURIE-AI-Phase II	61,000	Ms. C. Sharly, Ph D Research Scholar
7	Dr. S. Amutha	Iot Enabled Plant Monitoring System	1 year (Ongoing from 03.05.2021)	Artificial Intelligence	DST-CURIE-AI-Phase II	36,000	Ms. S. Swarnalakshmi, Ph D Research Scholar