

Vellalar College for Women (Autonomous), Erode -12

Department of Zoology

DBT STAR College Scheme Projects 2020-2021

S.No	Title of the Project	Name of the Guide & Designation	Name of the Students and Class	Beneficiaries
1	Assessment of physico chemical characteristics of Ground water in selected areas of Erode District	Dr.D.Indumathi Assistant Professor & Head	V.Madhumitha & R.Swathi -III B.Sc., Zoology G.Yazhini - II B.Sc., Zoology S.Selvaabitha & K.C.Anuvarshini - III B.Sc., Chemistry	5
2	<i>Phyllanthus emblica</i> – An effective bio resource for drinking water softening	Dr.D.Indumathi Assistant Professor & Head	K.Nathiya, T.Elakkiya, D.Sowmiya & M.Sowntharya - III B.Sc., Zoology N.Ramya - III B.Sc., Chemistry	5
3	Antimicrobial activity of <i>Azadirachta indica</i> seed extract against <i>Escherichia coli</i> and <i>Stephylo coccus aureus</i>	Dr.P.Kalaivani Assistant Professor	K. Abinaya, V. Divyakumari, S. Jayalakshmi -III B.Sc., Zoology S. Sudheksha - II B.Sc., Zoology	4
4	Effect of water pollution on Invertebrate diversity in selected ponds of Erode district	Dr.P.Kalaivani Assistant Professor	S.Juvasavitha, M.Subharanjana, P.Sughashini, G.Vasuki - III B.Sc., Zoology C.Sudharshana - III B.Sc., Chemistry	5
5	Bioremediation of Textile Effluent using <i>Eichhornia crassipes</i>	Dr.V.S.Kavitha Assistant Professor	K.Divya , M.Gokila Priya, Shanmuga Priya & S.Thenmozhi - III B.Sc., Zoology	4

6	Digitization of Museum specimens: Phylum Porifera, Coelenterata, Helminthes and Annelida	Dr.V.S.Kavitha Assistant Professor	R.Harshavardini, T.Jayavarthini - III B.Sc., Zoology M.Janani - II B.Sc., Zoology K.Kaviya -II M.LISc.,	4
7	Fundamental study on Mathematical Epidemiology	Dr. M.Sangeetha Assistant Professor,	V.Shriya, A.Kavi priya & S.Tamilarasi - III B.Sc., Zoology S.Akshaya - II B.Sc., Zoology A.Muhoumutha Inthijama - III B.Sc., Mathematics	5
8	Preliminary Phytochemical Screening of <i>Talinum paniculatum</i>	Dr. M.Sangeetha Assistant Professor	M. D.Agalya, E.Narchonai & V.Rajeshwari - III B.Sc., Zoology V,Divya Dharshanaa, K.Sangeetha & V.Sasmitha - III B.Sc., Botany	6
9	Study of Organic compounds in various treated soils and their responses on growth of <i>Capsicum annum</i>	Dr. M.Vimala Devi Assistant Professor	M. Kaviya, G. Roselin, S. Elakiya - III B.Sc., Zoology S. Vaibhavashree - II B.Sc., Zoology	4
10	Digitalization of Museum Specimen : Phylum Arthropoda, Mollusca and Echinodermata	Dr. M.Vimala Devi Assistant Professor	P.Bhavadharani, M.Deepika, M.Gowthami, III B.Sc., Zoology V.Sreenithi III B.Sc., Computer Science K.Kavya II M.LIS	5

11	Preliminary Qualitative Phyto chemical Evaluation of Selected Local Herbal Plants	Dr. R. Arul Priya Assistant Professor	R. Reega, S. Prabhavathi, K. Sivaranjani, S. Swathi - III B.Sc., Zoology V. Dhivya Dharsanaa - III B.Sc., Botany	5
12	Antibreast Cancer Activity of <i>Tectona grandis</i> Plant Bark Extract: An <i>Insilico</i> Study	Dr. R. Arul Priya Assistant Professor	V. Sowmiyaa, G.S. Mouniga, S. Srimathi -III B.Sc., Zoology Harsha Nabhan - III B.Sc., Botany S.Akshara Sunil -II B.Sc., Zoology	5