## **Deccan Education Society's** Fergusson College (Autonomous), Pune List of CE Activities / Projects for the year 2019-2020 SHORT-TERM RESEARCH PROJECTS UNDER STAR PROGRAMME "COLLEGE OF EXCELLENCE" (CE) - SCIENCE Name of the Name of the **Title of the Training Programme /** Amount Requested (Rs.) Sr. Amo **Guide / Mentor** Workshop **Department** No. unt Sanct ioned (**Rs.**) Lab CDs / Any other Total (Rs.) Consumables Pendrives / (Chemicals, Sationary / Glassware **Printing** and Synthesis of semi carbazide and accide derivatives 25,000.00 Chemistry Murkute R.B 17,000.00 1,000.00 7,000.00 of juglone Smart robot ARM using raspberry Electronic Sc Ms. Yogita Sandip Khondge 10,000.00 10,000.00 Electronic Sc Ms. Panchasheela Kamble Smart Attendence system 10,000.00 10,000.00 Synthesis of polysachanide grafted copolymen 20,000.00 1,000.00 25,000.00 Chemistry Mrs. Gauri M lohar 4,000.00 for Metabolite profiling and bioactivity of Chemistry Dr. Anil Markandeya 7.500 + 7.5001,000.00 9,000.00 25,000.00 vermonia anthelmintica Application of polymeric nanocomposite for 20,000.00 25,000.00 Chemistry 2,000.00 3,000.00 Ms. Archana Tanwar drug delivery application Boatny Dr. Minakshi Mahajan PATS (Pune Avenue Trees Survey): " A pilot 5,000.00 5,000.00

approach towards building a green data base

Geochemical Characterisation presentation

rocks exposed along Nilkanth - Deori Road,

25,000.00

25,000.00

for cities "

Uttarakhand, India

Geology

Dr. Shyam N Mude

9	Geology	Ms. Madhavi Ukey	Stable isotope studies of cale tufa from Vamhori, Ahmednagar, Maharashtra			36,500.00	36,500.00
10	Biotechnology	Dr.Sanket Tembe	Spectroscopic investigation of vit.B12 for its measurment in pharma centical sample	10,000.00			10,000.00
11	-	Alisha Galande	Isolation of lamins from Hydra	24,500.00	500.00		25,000.00
12	Biotechnology	Dr. Gayatri gurjar	Characterization of insulin plant for it anti- diabetic potential	25,000.00			25,000.00
13	Biotechnology	Nandini Kotharkar	GCMS analysis of biologically active phyto constituents from ethanolic extracts of bark of Nytanthes arbor tristis	20,000.00		5,000.00	25,000.00
14	Chemistry		Preparation and characterization of chemically modified cellolose based adsorbents for removal of dyes (cationic/anionic) and heavy metals from industrial efflients	22,000.00	1,000.00	2,000.00	25,000.00
			Total	1,61,500.00	5,500.00	89,500.00	2,71,500.00
	Note:						
	1. All the purchase bills should be in the name of 'Principal', Fergusson College.  Dr. Ravindrasing Parders of the control of						drasing Pardeshi
			nber. Without that, a bill will not be sanctioned				
	3 Hard copy and Soft copy of the completed project must be submitted before 30/11/2019						