

Deccan Education Society's								
Fergusson College (Autonomous), Pune								
List of CE Activities / Projects for the year 2019-2020								
SPECIAL PG PROJECTS UNDER LIFE PROGRAMME "COLLEGE OF EXCELLENCE" (CE)- SCIENCE								
Sr. No.	Name of the Department	Name of the Guide / Mentor	Title of the Training Programme / Workshop	Amount Requested (Rs.)				Amount Sanctioned (Rs.)
				Lab Consumables (Chemicals, Glassware and	CDs / Pendrives / Stationary / Printing	Any other	Total (Rs.)	
1	Chemistry	Murkute R.B	Synthesis of lapachol complexes with Fe ²⁺ , Ni ²⁺ , Co ²⁺	8,500.00	1,500.00		10,000.00	
2	Electronic Scien	Dr.Kalpna Kulkarni	Gesture Based Home Automation using sith sense	10000.00			10,000.00..	
3	Electronic Scien	Ms. Ranjana T.Tilekar	Smart virtual reality robot using raspberry Pi	10,000.00			10,000.00	
4	Physics	Dr. Ashish Yengantiwar	Antimicrobial activity of Ca(Zn(OH) ₃ ·2H ₂ O & ZnO nanoparticles synthesis by sol-gel method	9,000.00	1,000.00		10,000.00	
5	Physics	Dr. Ashish Yengantiwar	Synthesis of Ag decorated graphitic carbon nitride (g-C ₃ N ₄) for photocatalytic activity	9,000.00	1,000.00		10,000.00	
6	Physics	Dr. Ashish Yengantiwar	Smart coating for corrosion protection by adopting nano particles	9,000.00	1,000.00		10,000.00	
7	Statistics	Mrs. Charuta Dabir	Statistical influence of instagram on youngsters		1,000.00	1,000.00	2,000.00	
8	Statistics	Mrs. Charuta Dabir	Analysis of student's travel time during rainy season		1,000.00	1,000.00	2,000.00	
9	Chemistry	Dr.Kirti Chintamani	To study the botanical from convention sources for disease specific activity	9,000.00	1,000.00		10,000.00	
10	Chemistry	Dr.Kirti Chintamani	Isolation , purification and characterization of bioactive compounds from natural sources	9,500.00	500.00		10,000.00	
11	Chemistry	Dr. Neeta J Karale-Unde	Effect of doping metal ions on structural and photocatalytic behavior of semiconductor	9,000.00	1,000.00		10,000.00	
12	Chemistry	Dr.Samir Vasudev Onkar	Green synthesis and characterisation of transition metals nano particles	5,000	1,000	4,000	10,000	
13	Chemistry	Mrs. Gauri M lohar	Synthesis characterisation of gum ghatti grafted copolymen with acrylic	5,000	1,000	4,000	10,000	
14	Chemistry	Ms. Archana Tanwar	Drug-Inclusion complex synthesis and application in drug delivery	8,000.00		2,000.00	10,000.00	
15	Geology	Mr.Aneesh Soman	Study of turriloids from a new locality in Miocene of Kachchh	3,500.00	500.00	5,200.00	9,200.00	
16	Geology	Mr. Aneesh Soman	Study of fossil Echinoids from Maniyara fort formation (Oligocene),Ka	3,500	500	5,700	9,700	
17	Environmental Science	Rupali Gaikwad	Human Impact on Marine Ecosystem	4,000.00	1,000.00		5,000.00	

18	Environmental Science	Dr. Vinayak D. Chavan	Mapping Vertebrate Faunal Distribution in the Fergusson College Campus	2,500.00	1,000.00	1,500.00	5,000.00		
19	Environmental Science	Ms. Priti Aphale	Socio economic and Environmental impact assessment of metro from some parts of pune city	4,000.00	1,000.00		5,000.00		
20	Environmental Science	Dr. Shraddha Kulkarni	Characterization of weather element of pune city with refernce to	4,000.00	1,000.00		5,000.00		
21	Environmental Science	Dr. Shraddha Kulkarni	Green solution to paper waste by using it as a plant manure	7,000.00	1,000.00	2,000.00	10,000.00		
22	Environmental Science	Rupali Gaikwad	Microplastics in Enivronment	7,500.00	1,000.00	1,500.00	10,000.00		
23	Environmental Science	Rupali Gaikwad	Environmental Impact of Ganesh Festival in pune city problems and solutions	7,500.00	1,000.00	1,500.00	10,000.00		
24	Biotechnology	Dr.Gayatri Gurjar	Reconstitution of lichens on the laboratory - an attempt towards lichen conservation	10,000.00			10,000.00		
			Total	1,54,500.00	19,000.00	29,400.00	1,92,900.00		
	Note:								
			1. All the purchase bills should be in the name of 'Principal', Fergusson College.					Dr. Ravindrasing Pardeshi	
			2. All the bills should have valid GST Number. Without that, a bill will not be sanctioned.					Principal	
			3 Hard copy and Soft copy of the completed project must be submitted before 30/11/2019						