			Deccan Education Society's				
			Fergusson College (Autonomous), Pune				
			List of CE Activities / Projects for the year 2019-2020				
		MINI PROJ	ECTS UNDER MAST PROGRAMME FOR UG STUDENTS (ARTS) UNDER "COLLE	GE OF EXCELLE	ENCE" (CE) -ARTS		
r. No.	Name of the Department		Title of the Training Programme / Workshop		Amount Requ	ested (Rs.)	
	Department	Guide/ Nzenoz		Lab Consumables (Chemicals, Glassware and Components)	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts Teachers')	Total (Rs.)
1	Psychology	Anil Savarkar	The role of social media interactions on E.I.	1,000.00	1,500.00	2,000.00	4,500.0
2	Psychology	Ms. Shweta Sahastrabuddh	Chronic Loneliness and its effects on BPD Patients			5,000.00	5,000.0
	Psychology	Ms. Saloni Diwakar	Marital satisfaction and coping strategies in parents of children with and without Autism Specttrum Disorder(ASD)	4,000.00	400	600	5,000.0
4	Psychology	Ms. Pooja Prabhavalkar	Impact of spatial visualization in mitigating the effect of functional fixedness in problem solving		1900		1,900.0
5	Psychology	Ms. Pooja Prabhavalkar	Audience reactions to Self- disparaging humour		3400		3,400.0
6		Ms. Saloni Diwakar	Social Consumption of low priced FMCG products : What Drives their Sale ?		4,500.00	4,500.00	6,000.0
		Shri. Pravin L. Shinde	" Trends of migration in pune district, Maharashtra"		1,000.00	3,000.00	2,000.0
8	German	Ms. Amruta Kulkarni	Sightseeing in pune for german tourists		3,000.00	2,000.00	5,000.0
9			TOTAL	5,000.00	15,700.00	17,100.00	32,800.0
	Note:						
	1. All the p	urchase bills should b	e in the name of 'Principal', Fergusson College.		Dr. Ravindrasin	g Pardeshi	
	2. All the b	ills should have valid	GST Number. Without that, a bill will not be sanctioned.		Principal		
	3 Hard cop	y and Soft copy of the	completed project must be submitted before 30/11/2019				

		Deccan Education Society's				
		Fergusson College (Autonomous), Pune				
		respansion confige (ransonomous), rans				
		List of CE Activities / Projects for the year 2019-2020				
		SPECIAL PG PROJECTS UNDER LIFE PROGRAMME "COLLEGE OF EXCELI	LENCE" (CE) -AR	TS		
Name of the	Name of the Guide / Mentor	Title of the Training Programme / Workshop		Amount Reque		
Department	Guide / Mentor		Lab	CDs / Pendrives /	Any other	Total (Rs.)
			Consumables	Sationary / Printing	(Only for	
Economics	Dr. Santosh Pharande	Migrated population and economic development of pune city	5,000.00	1,000.00	3,000.00	9,000.00
			TOTAL	1,000.00	3,000.00	9,000.00
Note:						
					Pardeshi	
		·		Principal		
3 Hard cop	y and Soft copy of the	completed project must be submitted before 30/11/2019				
		Fergusson College (Autonomous), Pune				
		List of CE Activities / Projects for the year 2019-2020				
	SHO	DRT-TERM RESEARCH PROJECTS UNDER <b>STAR PROGRAMME</b> "COLLEGE OF F 	EXCELLENCE" (0	CE) -ARTS		
	Department  Economics  Note:  1. All the p 2. All the b	Economics Dr. Santosh Pharande  Note:  1. All the purchase bills should be 2. All the bills should have valid C 3 Hard copy and Soft copy of the	SPECIAL PG PROJECTS UNDER LIFE PROGRAMME "COLLEGE OF EXCELL  Name of the Department Guide / Mentor  Economics Dr. Santosh Pharande Migrated population and economic development of pune city  Note:  1. All the purchase bills should be in the name of 'Principal', Fergusson College. 2. All the bills should have valid GST Number. 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  Deccan Education Society's Fergusson College (Autonomous), Pune  List of CE Activities / Projects for the year 2019-2020	List of CE Activities / Projects for the year 2019-2020	List of CE Activities / Projects for the year 2019-2020	List of CE Activities / Projects for the year 2019-2020

		Tame of the Name of the Guide / Mentor			Amount Requested (Rs.)				
	Department			Lab Consumables (Chemicals, Glassware and Components)	sumables emicals, ware and		Total (Rs.)		
1	Economics	Dr. Ishita Goshal	Modelling Gender Wage in Manufacturing and Service Sector in Pune A Behavioural Approach	15,000.00	1,000.00,	(TA) 8,000.00	24,000.00		
2	Economics	Dr.Santosh Pharande	Impact of maharashtra's jalyukt shivar scheme on socio- economic status of the farmer's in purandar taluka of pune district	12,000.00	1,000.00	10,000.00	23,000.00		
			TOTAL	27,000.00	2,000.00	18,000.00	47,000.00		
	Note:								
	1. All the pur	rchase bills should be in the	e name of 'Principal', Fergusson College. Dr.	Ravindrasing Pa	ardeshi				
-	-			incipal					
			d project must be submitted before 30/11/2019	. 1					
			K d						
			Fergusson College (Autonomous), Pune  List of CE Activities / Projects for the year 2019-2020						
		MINI	PROJECTS UNDER <b>MAST PROGRAMME</b> FOR UG STUDENTS UNDER "COLLEGE OF EX	XCELLENCE" (CE	) (SCIENCE)				
Sr. No.	Name of the		, i						
			Title of the Training Programme / Workshop		Amount Requ	` ′			
	Department	Guide / Mentor	Title of the Training Programme / Workshop	Lab Consumables (Chemicals, Glassware and Components)	Amount Requ CDs / Pendrives / Sationary / Printing	ested (Rs.)  Any other (Only for Arts Teachers')	Total (Rs.)		
	Chemistry	Guide / Mentor  Murkute R.B	Synthesis of bromo derivative of Juglone	Consumables (Chemicals, Glassware and Components) 5,000.00	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00		
2	Chemistry Physics	Guide / Mentor  Murkute R.B  Dr. Ashish Yengantiwar	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00 5,000		
2 3	Chemistry Physics Physics	Guide / Mentor  Murkute R.B  Dr. Ashish Yengantiwar  Dr. Ashish Yengantiwar	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00 5,000 5,000		
2 3 4	Chemistry Physics Physics Chemistry	Guide / Mentor  Murkute R.B  Dr. Ashish Yengantiwar  Dr. Ashish Yengantiwar  Prof. Nilam Arunkumar Patil	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00 5,000 5,000 5,000		
2 3 4 5	Chemistry Physics Physics Chemistry Chemistry	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000 4,000	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00		
2 3 4 5 6	Chemistry Physics Physics Chemistry Chemistry Botany	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil Swarupa S. Chowdhury	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle Organic fertiliser a natural remedy for crop improvement	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000 4,000.00 5,000.00	CDs / Pendrives / Sationary / Printing	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00		
2 3 4 5 6 7	Chemistry Physics Physics Chemistry Chemistry Botany Botany	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil Swarupa S. Chowdhury Dr. Vaishali A Thakur	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle Organic fertiliser a natural remedy for crop improvement Symbiotic diazotrophs as germination rate enhancer	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000 4,000.00 5,000.00	CDs / Pendrives / Sationary / Printing  1,000 1,000 1,000 1,000.00	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00 5,000.00		
2 3 4 5 6 7 8	Chemistry Physics Physics Chemistry Chemistry Botany Botany Botany	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil Swarupa S. Chowdhury Dr. Vaishali A Thakur Dr. Rupali Seth	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle Organic fertiliser a natural remedy for crop improvement Symbiotic diazotrophs as germination rate enhancer Phytochemical Analysis of Tinospora	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000.00 5,000.00 5,000.00 4,000.00	CDs / Pendrives / Sationary / Printing  1,000 1,000 1,000.00 1,000.00	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00 5,000.00 5,000.00		
2 3 4 5 6 7 8	Chemistry Physics Physics Chemistry Chemistry Botany Botany Botany Botany	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil Swarupa S. Chowdhury Dr. Vaishali A Thakur Dr. Rupali Seth Dr. Jogita T Pandkar	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle Organic fertiliser a natural remedy for crop improvement Symbiotic diazotrophs as germination rate enhancer Phytochemical Analysis of Tinospora Reporting Algal Diversity from Fergusson College hill pune	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000.00 5,000.00 5,000.00 4,000.00 4,000.00	CDs / Pendrives / Sationary / Printing  1,000 1,000 1,000.00 1,000.00 1,000.00	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00 5,000.00 5,000.00 5,000.00		
2 3 4 5 6 7 8 9	Chemistry Physics Physics Chemistry Chemistry Botany Botany Botany	Murkute R.B Dr. Ashish Yengantiwar Dr. Ashish Yengantiwar Prof. Nilam Arunkumar Patil Prof. Nilam Arunkumar Patil Swarupa S. Chowdhury Dr. Vaishali A Thakur Dr. Rupali Seth	Synthesis of bromo derivative of Juglone Synthesis of two dimentional materials for photocatalyst applications: The case of SnSe2, SnS2 Photocatalyst application of black phosphorous 2D material Synthesis of nanoparticle from plant and their characterisation Green synthesis and characterisation of nanoparticle Organic fertiliser a natural remedy for crop improvement Symbiotic diazotrophs as germination rate enhancer Phytochemical Analysis of Tinospora	Consumables (Chemicals, Glassware and Components) 5,000.00 4,000.00 4,000.00 5,000.00 5,000.00 4,000.00	CDs / Pendrives / Sationary / Printing  1,000 1,000 1,000.00 1,000.00	Any other (Only for Arts	5,000.00 5,000 5,000 5,000 5,000.00 5,000.00 5,000.00		

13	Diete sharele sa	Nandini Vathadaa	Comparative estimantion of phytochemicals by ethanolic extraction of selected fruit peels	4 000		1 000	5,000
14		Nandini Kotharkar Dr. Tejas Borwankar	Effect of ayurvedic and allopathic medicines on the growth of representative member of gut flora	4,000 5,000.00		1,000	5,000 5,000.00
1-7	Biotechnology	3	Effect of ayarvedre and anopulate medicines on the growar of representative member of gut flora	3,000.00			3,000.00
15	Biotechnology	Alisha Galande	Effects of alcohol and neem extracts on drosophila (fruit flies)	4,500.00	500.00		5,000.00
16	Biotechnology	Dr. Sonali Joshi	To study antibiotic resistance in bacterial isolates from Mutha River	4,500.00	500.00		5,000.00
17		Dr.Dhanashri Godbole	Influence of shellac wax coating on life span of drosophila and its behaviroral response	4,300.00	700.00		5,000.00
18	Biotechnology	Dr. Gayatri Gurjar	Isolation of fungal and algal partness from lichenes and their characterisation	5,000.00			5,000.00
19	Biotechnology	Dr. Sonali Joshi	To visulate and characterise plastic degrading bacteria from soil collected from dumping ground	4,500.00	500.00		5,000.00
20		Dr. Sneha Joshi	Physicochemical and sensory analysis of full - fat reduced fat and low fat cheeses	4,500.00	500.00		5,000.00
21		Dr. Sneha Joshi	Survey based analysis of prevalence of anemia in pregnant women and its associated factors	1,000.00	4,000.00		5,000.00
	Biotechnology						
			Total	85,800.00	13,800.00	5,400.00	1,05,000.00
	Note:						
	Note.						
	1. All the pu	rchase bills should be in th	e name of 'Principal', Fergusson College. Dr	. Ravindrasing Pa	ardeshi		
				rincipal			
			ed project must be submitted before 30/11/2019	<b>-</b>			
			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 EXCELLE	NCE" (CE)- SCIE	NCE		
			STEERIE TO TROUBE IS CITIED REAL ENTE TROUBLE INC.	CE (CE) SCIE	Lea		
Sr. No.	Name of the	Name of the	Title of the Training Programme / Workshop		Amount Reque	ested (Rs.)	
	Department	Guide / Mentor		Lab	CDs / Pendrives /	Any other	Total (Rs.)
				Consumables	Sationary /		
				(Chemicals,	Printing		
				Glassware and	9		
				Components)			
1	Chemistry	Murkute R.B	Synthesis of lapachol couplexes with fe2+, Ni2+, Co2+	8,500.00	1,500.00		10,000.00
2	Electronic Sc	Dr.Kalpna Kulkarni	Gesture Based Home Automation using sith sense	10000.00			10,000.00.
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2,000.00

Electronic Sc Ms. Ranjana T.Tilekar

Dr. Ashish Yengantiwar

Dr. Ashish Yengantiwar

Dr. Ashish Yengantiwar

Mrs. Charuta Dabir

Mrs. Charuta Dabir

Smart virtual reality robot using raspberry Pi

Statistical influence of instagram on youngsters

Analysis of student's travel time during rainy season

method

Antimicrobial activity of Ca(Zn(OH)3).2H2O & ZnO nanoparticles synthesis by sol-gel

Synthesis of Ag decorated graphitic carbon nitride (g-C3N4) for photocatalytic activity

Smart coating for corrosion protection by adopting nano particles

3

5

6

Physics

Physics

Physics

Statistics

Statistics

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	Isolution, 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 acrilicacid lanylamid: its applicat	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 turritelloids 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), Kachchh	3,500	500	5,700	9,700
	al Science	Rupali Gaikwad	Human Impact on Marine Ecosystem	4,000.00	1,000.00		5,000.00
	al 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
	al 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	Environment al Science	Dr. Shraddha Kulkarni	Characterization of weather element of pune city with refernce to fergusson college as a sa	4,000.00	1,000.00		5,000.00
	al 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	Environment al Science	Rupali Gaikwad	Microplastics in Enivronment	7,500.00	1,000.00	1,500.00	10,000.00
23	Environment al 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	Biotechnolo gy	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:						
			<u>, , e e e e e e e e e e e e e e e e e e</u>	Ravindrasing Pa	rdeshi		
			,	incipal			
	3 Hard copy ar	nd Soft copy of the complete	d project must be submitted before 30/11/2019				
			Deccan Education Society's				
			Fergusson College (Autonomous), Pune				
			r ei gusson Conege (Autonomous), r une				
			List of CE Activities / Projects for the year 2019-2020				
	T	SHOR	RT-TERM RESEARCH PROJECTS UNDER <b>STAR PROGRAMME</b> "COLLEGE OF EXC	CELLENCE" (CE)	- SCIENCE		
a	** **						
Sr. No.	Name of the	Name of the	Title of the Training Programme / Workshop		Amount Reque	sted (Rs.)	

	Department	Guide / Mentor		Lab	CDs / Pendrives /	Any other	Total (Rs.)
	•			Consumables	Sationary /	ľ	
				(Chemicals,	Printing		
				Glassware and	J		
				Components)			
	,	Murkute R.B	Synthesis of semi carbazide and accide derivatives of juglone	17,000.00	1,000.00	7,000.00	25,000.00
		Ms. Yogita Sandip Khondge	Smart robot ARM using raspberry	10,000.00			10,000.00
3	Electronic Sc	Ms. Panchasheela Kamble	Smart Attendence system	10,000.00			10,000.00
4	Chemistry	Mrs. Gauri M lohar	Synthesis of polysachanide grafted copolymen for	20,000.00	1,000.00	4,000.00	25,000.00
5	Chemistry	Dr. Anil Markandeya	Metabolite profiling and bioactivity of vermonia anthelmintica	7,500+7,500	1,000.00	9,000.00	25,000.00
6	Chemistry	Ms.Archana Tanwar	Application of polymeric nanocomposite for drug delivery application	20,000.00	2,000.00	3,000.00	25,000.00
7	Boatny		PATS (Pune Avenue Trees Survey): " A pilot approach towards building a green data base for cities "	5,000.00			5,000.00
8	Geology	Dr. Shyam N Mude	Geochemical Characterisation presentation rocks exposed along Nilkanth - Deori Road, Uttarakhand, India			25,000.00	25,000.00
9	Geology	Ms. Madhavi Ukey	Stable isotope studies of cale tufa from Vamhori, Ahmednagar, Maharashtra			36,500.00	36,500.00
		Dr.Sanket Tembe	Spectroscopic investigation of vit.B12 for its measurment in pharma centical sample	10,000.00			10,000.00
11	Biotechnology	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		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 Pardeshi						
	2. All the bill	s should have valid GST N	umber. Without that, a bill will not be sanctioned.	incipal			
	3 Hard copy ar	nd Soft copy of the completed	project must be submitted before 30/11/2019				