

| Deccan Education Society's | | | | | | | | |
|---|------------------------|----------------------------|---|---|---|-------------------------------------|-------------|-------------------------|
| Fergusson College (Autonomous), Pune | | | | | | | | |
| List of CE Activities / Projects for the year 2019-2020 | | | | | | | | |
| MINI PROJECTS UNDER MAST PROGRAMME FOR UG STUDENTS UNDER "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 Components) | CDs / Pendrives / Stationary / Printing | Any other (Only for Arts Teachers') | Total (Rs.) | |
| 1 | Chemistry | Murkute R.B | Synthesis of bromo derivative of Juglone | 5,000.00 | | | 5,000.00 | |
| 2 | Physics | Dr. Ashish Yenganti | Synthesis of two dimensional materials for phot | 4,000.00 | 1,000 | | 5,000 | |
| 3 | Physics | Dr. Ashish Yenganti | Photocatalyst application of black phosphorous 2D material | 4,000 | 1,000 | | 5,000 | |
| 4 | Chemistry | Prof. Nilam Arunku | Synthesis of nanoparticle from plant and their characterisation | 4,000 | 1,000 | | 5,000 | |
| 5 | Chemistry | Prof. Nilam Arunku | nanoparticle | 4,000.00 | 1,000.00 | | 5,000.00 | |
| 6 | Botany | Swarupa S. Chowdh | Organic fertiliser a natural remedy for crop improvement | 5,000.00 | | | 5,000.00 | |

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| 7 | Botany | Dr.Vaishali A Thakur | Symbiotic diazotrophs as germination rate enhancer | 5,000.00 | | | 5,000.00 | |
| 8 | Botany | Dr. Rupali Seth | Phytochemical Analysis of Tinospora | 4,000.00 | 1,000.00 | | 5,000.00 | |
| 9 | Botany | Dr.Jogita T Pandkar | Reporting Algal Diversity from Fergusson College hill pune | 4,000.00 | 1,000.00 | | 5,000.00 | |
| 10 | Geology | Dr.Shyam N Mude | Heavy mineral analysis of sediments from marth formation, Rajasthan, India | 4,500.00 | 500.00 | | 5,000.00 | |
| 11 | Geology | Dr Devdutt V Upasani | Study of rocks from Mer-Mundhwar Igneous Complex, Rajasthan | 600.00 | | 4,400.00 | 5,000.00 | |
| 12 | Geology | Mr. S.P.Kokate | Preparation of charts for classification of rocks and minerals | 4,400.00 | 600.00 | | 5,000.00 | |
| 13 | Biotechnology | Nandini Kotharkar | Comparative estimation of phytochemicals by ethanolic extraction of selected fruit peels | 4,000 | | 1,000 | 5,000 | |
| 14 | Biotechnology | Dr. Tejas Borwankar | Effect of ayurvedic and allopathic medicines on the growth of representative member of gut flora | 5,000.00 | | | 5,000.00 | |
| 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 | Biotechnology | Dr.Dhanashri Godbole | Influence of shellac wax coating on life span of drosophila and its behavior 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 | |

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| 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 | Biotechnology | 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 | Biotechnology | 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 | |
| Total | | | | 85,800.00 | 13,800.00 | 5,400.00 | 1,05,000.00 | |

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

Dr. Ravindrasing Pardeshi

Principal