

***Management Funded***

***Minor Research Project (2021-2022)***

| <i>S.No</i> | <i>Project ID</i> | <i>Name of the Staff</i>                  | <i>Department</i>                                 | <i>Title of the Project</i>                                                                                                              | <i>Amount</i> |
|-------------|-------------------|-------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1           | 21TPRD001         | Dr.C.Mansiya<br>Ms.T.Swarna Karthika      | Chemistry<br>Clinical<br>Nutrition &<br>Dietetics | Biosynthesis of cadmium Nanoparticles using plant extracts                                                                               | 77,784        |
| 2           | 21TPRD002         | Dr.D.Annapoorni<br>Dr.C.B.Nirmala         | Statistics<br>PBPBT                               | Study on the impact of physical and psychological effects of heartfulness meditation on the well being of student practitioners          | 64,824        |
| 3           | 21TPRE001         | Dr. D. A. Angel Sherin                    | Mathematics                                       | A Digital transformation of road accidents data into graph labeling and securing the info using algorithm                                | 20,000        |
| 4           | 21TPRE002         | Dr.S.R.Prathiba                           | Mathematics                                       | A study on Newtonian and non Newtonian blood flow behaviour in arteries                                                                  | 36,702        |
| 5           | 21TPRE003         | Dr Sudha senthil<br>N Anbarasi            | Mathematics                                       | A study on ecocentric domination number in graphs                                                                                        | 21,343        |
| 6           | 21TPRE004         | Dr Lalitha<br>Dr Manimegalai<br>Dr Anitha | Commerce                                          | The role of psychosocial support(PSS) on work performance among dual career couples                                                      | 41,090        |
| 7           | 21TPRE005         | Dr Manimegalai                            | HRM                                               | The influencing role of gamification student motivation among Indian educational institutes                                              | 29,954        |
| 8           | 21TPRE007         | Dr A K Rathna Kumari<br>Dr E V Sheena     | PBPBT                                             | Green synthesis of antibacterial nano particles from Vegetable kitchen waste                                                             | 35,091        |
| 9           | 21TPRE008         | Dr. S. Santhanalakshmi<br>Janani B        | Biostatistics                                     | Impact of the Covid-19 Pandemic on current anatomy and graduation outcomes                                                               | 1,300         |
| 10          | 21TPRE009         | Ms.R Archana                              | English                                           | A study of meaning production in the public minds through an analysis of public discourses available in social media and popular culture | 22,841        |

|    |           |                                                                                  |                                                   |                                                                                                            |                 |
|----|-----------|----------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------|
| 11 | 21TPRE010 | Ms.Karthika J<br>Ms.Subalakshmi<br>Ms.Priya Dharshini.K<br>Ms.Divya Saraswathi P | English                                           | Enhancing the employability skills of tertiary learners with disabilities                                  | 71,744          |
| 12 | 21TPRE011 | Dr Suguna S<br>Dr Lakshmi D                                                      | Chemistry<br>PBPBT                                | Synthesis of Novel Organic single crystals by SEST method                                                  | 90,000          |
| 13 | 21TPRE012 | Dr Lakshmi D<br>Dr Suguna S                                                      | PBPBT<br>Chemistry                                | Biofabrication and characterization of silver Nano particles of a seaweed and its biomedical properties    | 97,000          |
| 14 | 21TPRE013 | Ms.Swarna Karthika<br>Dr Mansiya                                                 | Clinical<br>Nutrition &<br>Dietetics<br>Chemistry | Superhydrophobic coating made from Biocompatible Phenyltriethoxysilane(PTES) and carnauba wax(Natural wax) | 58,822          |
| 15 | 21TPRE014 | Dr R Indira<br>Dr Preethi Thangaraj                                              | Chemistry                                         | Eco-friendly synthesis of Bio-based absorbent polymers from bio-waste cellulose and its applications       | 70,000          |
|    |           |                                                                                  |                                                   | <b>TOTAL</b>                                                                                               | <b>7,38,495</b> |