

**FACULTY SEED GRANT 2023-2024**

| <b>S.No</b> | <b>Name of Faculty</b>                               | <b>Department</b>  | <b>Topic</b>   |
|-------------|--|--|--|
| 1           | Dr. Angeline Sridevi<br>MLS                          | Plant Biology and<br>Biotechnology   | Hydroponics Farming  |
| 2           | Dr. Hannah Ruben and<br>Dr. J. Sharmi Kumar          | Physics  | Post-Harvest Loss Reduction with<br>Solar Greenhouse Dryer   |
| 3           | Dr. P.D. Sherlin                                     | History  | Scope for Religious Tourism in<br>Chennai with Special Reference to<br>Lesser Known Areas  |
| 4           | Dr. D.R. Shoba<br>Jeykumari and Dr.<br>Preethi Mehta | Department of<br>Chemistry,<br>Department of<br>Plant Biology and<br>Biotechnology and<br>Centre for<br>Environmental<br>Studies | Graphene-Metal Nanoparticle<br>composites for advanced<br>environmental remediation and<br>monitoring  |
| 5           | Dr. Cordilea Hannah                                  | Plant Biology and<br>Biotechnology   | A novel crop-yield approach to<br>understand the effect of Kombucha- a<br>microbial fertilizer on kitchen garden<br>crops  |
| 6           | Dr. V.R. Angela Deepa<br>and Ms. K. Shwetha          | Information<br>Technology  | IoT based condition monitoring<br>systems for enhanced performance of<br>computer systems  |
| 7           | Dr. M. Arul Jeya<br>Shalini, Dr. J. Jeba<br>Jesintha | PG Mathematics   | Topological Entropy Measures and<br>their Applications   |
| 8           | Dr. R. Radha   | PG Physics   | A mechanistic insight on the structural<br>transition of Bi <sub>2</sub> WO <sub>6</sub> to BiVO <sub>4</sub> by V<br>and W modification for photocatalytic<br>oxidation and photocatalytic water<br>splitting |
| 9           | Dr.V.Sharon Philomena                                | PG Mathematics   | Higher order triangular sum labeling<br>of certain classes of new graphs   |