








3.1.2 Institution Provides Seed Money to its Teachers for Research

List of Faculty who have been Provided with Seed Money

| Name of the Teacher Provided with Seed Money | Title of the Project | Project Duration | Amount Granted (INR in Lakhs) | Link |
|---|---|------------------|-------------------------------|---|
| 2022 - 2023 | | | | |
| Mr. M. Nazeer , Assistant Professor, Department of Chemistry | Virtual and <i>in vitro</i> screening of transition metal complexes of N,N chelating ligand: Experimental and theoretical investigation | 1 Year | 1.23 |  |
| Dr.M.C.Rajaseema , Assistant Professor, Department of Tamil | History of drums and expression of civilization | 1 Year | 1.08 |  |
| Mrs.M.Archanadevi , Assistant Professor, Department of English | Ecological Consciousness in Anita Desai's <i>The Village by the Sea</i> | 1 Year | 1.18 |  |
| Dr.P.Selvaraj , Assistant Professor, Department of Biotechnology | Antimicrobial Activity of Bioactive Compounds Isolated from Endophytic Bacteria of Oyster Mushroom (Pleurotus Florida) | 1 Year | 1.66 |  |
| Mrs.M.Gurumaheswari , Assistant Professor, Department of Computer Applications | Enhancing Preprocessing Techniques for Memmography Images to Improve Breast Cancer Diagonosis | 1 Year | 1.09 |  |









SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

| Name of the Teacher Provided with Seed Money | Title of the Project | Project Duration | Amount Granted (INR in Lakhs) | Link |
|--|--|------------------|-------------------------------|---|
| Dr.S.Anubala , Assistant Professor, Department of Mathematics | Analysis on a Model of Relapsing Remitting Multiple Sclerosis | 1 Year | 1.27 |  |
| Dr. J. Sherin , Assistant Professor, Department of Chemistry | Synthesis of Nanoparticles and Its Activity | 1 Year | 1.40 |  |
| Mr.G.Ramkumar , Assistant Professor, Department of Computer Science | Detecting Tumors Through Threshold Segmentation and Morphological Operations | 1 Year | 1.28 |  |
| Ms.R.Muthulakshmi , Head & Associate Professor, Department of Computer Applications | A Hybrid Machine Learning Approach to Cerebral Stroke Prediction based on Imbalanced Medical Dataset | 1 Year | 1.56 |  |
| Mrs.M.Saranya , Assistant Professor, Department of Computer Science | Predictive Analysis for Breast Cancer: Forecasting Algorithmic Approaches | 1 Year | 1.32 |  |
| 2021 - 2022 | | | | |
| Ms.K.Lalithambigai , Head & Assistant Professor, Department of Mathematics | Two Dose Vaccine Model of Pertussis | 1 Year | 1.03 |  |

CRITERION - III









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NAAC IV CYCLE

| Name of the Teacher Provided with Seed Money | Title of the Project | Project Duration | Amount Granted (INR in Lakhs) | Link |
|---|---|------------------|-------------------------------|---|
| Mrs.K.P.Swapna , Assistant Professor, Department of English | Exploring Modern Martial Realities: A Societal Analysis of Sudha Murty's House of Cards | 1 Year | 1.12 |  |
| Mrs.R.Vijayalekshmi , Assistant Professor, Department of Chemistry | Phytochemical Analysis, Antibacterial and Antifungal Activity of <i>Morous Alba L.</i> Leaves Extract | 1 Year | 1.25 |  |
| Dr.G.Varatharaju , Assistant Professor, Department of Botany | Isolation and Screening of Anatoxic Potential Rhizobacteria for the Control of Plant Fungal Pathogens and its Evaluation for Plant Growth Promotion | 1 Year | 1.46 |  |
| Dr.K.Sadeeshkumar , Associate Professor, PG Department of Commerce | A Study on Identification of Employability Skills among Arts and Science College Graduates with Reference to Viruthunagar District | 1 Year | 1.30 |  |
| Mr.S.Muthuchidambarabharathi , Assistant Professor, Department of Tamil | Life Style of Peththulupatti Thottiya Nayakkar | 1 Year | 1.05 |  |
| Mr.K.Ganeshbabu , Assistant Professor, Department of Computer Applications | Computational Analysis and Prediction of Splice Sites in DNA Sequences | 1 Year | 1.25 |  |

CRITERION - III








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NAAC IV CYCLE

| Name of the Teacher Provided with Seed Money | Title of the Project | Project Duration | Amount Granted (INR in Lakhs) | Link |
|--|---|------------------|-------------------------------|---|
| Dr.M.Sujatha, Head & Assistant Professor, Department of Biotechnology | Influence of Seaweed Liquid Fertilizer on Growth and Biochemical Characteristics of Trigonella Foenum - Graecum L. | 1 Year | 1.75 |  |
| Dr. R. Deepa, Assistant Professor, Department of Chemistry | Potential Bioactive Glycosylated Flavonoids As SARS-COV-2 Main Protease Inhibitors: A Molecular Docking And Simulation Studies | 1 Year | 1.31 |  |
| Dr.V.Pradeepa, Assistant Professor, Department of Biotechnology | Studies on Drug Delivery Efficacy of Green Synthesized Silver Nanoparticles from Hemionitis arifolia (Burm.F.) T.Moore. And its Cytotoxic Effect on MCF - 7 Cells | 1 Year | 1.35 |  |
| Mr.A.Balaji, Head & Assistant Professor, Department of Information Technology | Automatic Watering System using IoT Sensor | 1 Year | 1.05 |  |
| Mrs.L.Priya, Head & Assistant Professor, Department of Computer Science | Anticipating Diabetics Progression using Random Forest Analysis | 1 Year | 1.30 |  |

CRITERION - III