



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)

NAAC Accreditation III Cycle : A Grade (CGPA 3.41 out of 4)

Tiruchirappalli - 620018, Tamil Nadu, India

NAAC - Cycle IV SSR

CRITERION III

GRANTS RECEIVED FOR RESEARCH

Key Indicator - 3.2 Resource Mobilization for Research

3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies during the last five years

List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc.

Total number of research projects funded by government and non-government industry, corporate houses, international bodies during the last five years	36
Number of full time teachers during the last five years	232

Number of research projects funded by government and non-government agencies during the last five years

$$= \frac{\text{Total number of research projects funded by government and non – government industry, corporate houses, international bodies during the last five years}}{\text{(2.2) Number of full time teachers (without repeat count) during the last five years}}$$

$$= 36/232 = 0.1551$$

Number of research projects funded by government and non-government agencies during the last five years = 0.1551

Annamalai Nagar, Tiruchirappalli - 620 018, Tamil Nadu, South India.

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S.No	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the awarding agency	Nature of the award	Year of award or sanction	Amount (in INR)
1	Ms.S.Sathya	Fabrication of Ag@mgo incorporated nanofilter system for continuous removal of textile dyes	TNSCST	Research	2023 - 2024	7,500
2	Ms.T.R. Revathi	Formulation of vegan milk powder enriched with Vitamin A	TNSCST	Research	2023 - 2024	7,500
3	Ms. R. Gayathri	A conceptual insilico and dft study on centella asiatican as covid-19 inhibitors: phytochemicals, molecular docking, molecular dynamics, DFT, ADMET analysis and pass prediction	TNSCST	Research	2023 - 2024	7,500
4	Ms.S.Hema	A study on work-life balance among IT married women employees	TNSCST	Research	2023 - 2024	7,500
5	Ms.T.R. Revathi	Effect of skipping breakfast during menstrual cycle among adolescent girls (10- 19) years	TNSCST	Research	2023 - 2024	7,500
6	Dr. Lakshna Arun	IoT based battery monitoring system in electric vehicle	TNSCST	Research	2023 - 2024	7,500

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7	Dr.R.Rameshwari	Recent Advances in Plant Genomics	Indian Academy of Sciences, Bengaluru, The Indian National Science Academy, New Delhi, and The National Academy of Sciences, Prayagraj, India.	Research	2024	2,64,600
8	Dr.M.Neela	Impact of National Educational Policy 2020 on Higher Education	ICSSR	Research	2023	99,000
9	Dr.K.Shenbagam and Dr. K.Uma Sivakami	Biosynthesis of Eco-friendly Iron oxide Nanoparticles for Augmentation of Photocatalytic degradation of Organic Dyes - An Alluring Option for Wastewater Treatment.	TNSCST	Research	2023	7,500
10	Dr. S. Devi	Identification of microplastics around Cauvery River	TNSCST	Research	2023	7,500
11	Dr.S.Saranya	Anticancer activity of mono and dinuclear Ru(II) complexes Apoptosis induction studies on cancer cells.	TNSCST	Research	2023	7,500

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12	Ms.R. Ramya	Vehicle parking reservation using IoT	TNSCST	Research	2023	7,500
13	Dr.P.F.Steffi	Formulation and Assessment of herbal hand sanitizer and its efficacy against skin microflora (<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i>)	TNSCST	Research	2023	7,500
14	Dr.R.Gayathri	Potential antioxidant, antiviral activity against covid-19 using quantum and molecular modelling of <i>Cleome gynandra</i>	TNSCST	Research	2023	7,500
15	Ms.S. Hema	A Study on Challenges faced by women Employees involved in night Shift in Manufacturing Industries	TNSCST	Research	2023	7,500
16	Ms.S. Agalya	Development and Evaluation of edible wrapper using fruit pulp	TNSCST	Research	2023	7,500
17	Dr.S.Gowri	Design and Fabrication of Metal Organic Framework/ Conducting Polymer Electrode Material for Energy Storage Applications	UGC-DAE- CONSORTIUM	Research	2023	45,000

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18	Dr.R.Subha	Technical Entrepreneurship Development Programme to ignite ideation and promote its applications for Entrepreneurial mind set	DST-TEDP & WEDP	Research	2022	2,60,000
19	Dr.R.Radha and Dr.S.Saridha	Python and Its Applications	Rajiv Gandhi Institute of Youth Development	Research	2022	45,000
20	Dr. G. Maheswari	Investigation of bio degradable polymer for polymer electrolyte in dye - sensitized solar cell application – A DFT approach	TNSCST	Research	2022	7,500
21	Dr. S. Gowri	Photocatalytic and antibacterial investigation of biowaste peanut shell [1] derived nickel oxide nanoparticles	TNSCST	Research	2022	7,500
22	Dr.R.Meenakshi	Dft Study on Light Harvesting Efficiency (Lhe) of Organic Dyes for Dye Sensitized Solar Cells (DSSCS)	TNSCST	Research	2022	7,500
23	Dr.N.Pushpa	Prevention of mosquito repellent cream and incense sticks by using <i>Salvia rosmarinus</i>	TNSCST	Research	2022	7,500

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24	Ms.S.Sathya	Role of Fungi Biodeterioration on Stone Monuments	TNSCST	Research	2022	7,500
25	Dr.N.Sathammai Priya	Biogenesis of Zn (ZnO) nanoparticles and formulation of functional zinc based topical ointment as a therapeutic intervention in wound healing	TNSCST	Research	2022	7,500
26	Dr.N.Sathammai Priya	Phosphorous in compost management influence coriander leaves (<i>Coriandrum sativum</i>) productivity under greenhouse condition with and without phosphate solubilizing bacteria (PSB)	TNSCST	Research	2022	7,500
27	Dr.K.Uma Sivakami and Dr.K.Shenbagam	Identification of microplastics around Cauvery River	TNSCST	Research	2022	7,500
28	Dr.R.Rameshwari	Science Academies Education Programme for Lecture Workshop	Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, National Academy of Sciences, Prayagraj, India.	Research	2022	1,46,500

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29	Dr.R.Meenakshi	Growth and characterization of amino acid-controlled crystals supported by DFT study	UGC-DAE-CONSORTIUM	Research	2022	1,35,000
30	Dr.V. Sujatha / Dr.G.Maheswari	Consolidation of University Research for Innovation and Excellence (CURIE) Core Grant for Women PG Colleges	DST – CURIE CORE GRANT FOR PG WOMEN'S COLLEGES	Research	2022	38,79,360
31	Dr.S.Sowmya	Challenges and Opportunities in Digital Platform for Budding Young Entrepreneur's	DST - WEDP	Research	2021	1,00,000
32	Dr.G.sivasankari	Nanoelectric Heavy Metal sensor on heavy metals using redox behaving metal complexes	TNSCST	Research	2020	7,500
33	Dr.S.Jeyabharthi	Cultivation of medicinal value <i>Pleurotus</i> mushroom using composed organic wastes arising from college hostel kitchen	TNSCST	Research	2020	7,500
34	Ms.N.Sathammai Priya	Bioethanol production from neem leaves and Agave leaves using <i>Aspergillus niger</i> and <i>Bacillus firmus</i> as fermenting agent	TNSCST	Research	2020	7,500

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35	Department of Biotechnology	Tamil Nadu State Council for Science and Technology (TNSCST) for IPR lecture Workshop	TNSCST	IPR	2019	50,000
36	Dr.V. Sujatha / Dr.G.Maheswari	DST – Fund for improvement in S&T – Level ‘0’	DST-FIST LEVEL ‘0’	Research	2016 - 2021	30,00,000
Total						82,11,960

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