

Criterion – III Research, Innovations and Extension

3.2 Resource Mobilization for Research

3.2.2 List of teachers having research Projects

SSR Cycle – 3



Since 1881

THE AMERICAN COLLEGE, MADURAI - 625002
(An Autonomous Institution affiliated to Madurai Kamaraj University)

S.No	Name of the Principal Investigator/ Co Investigator (if applicable)	Department of Principal Investigator/ Co Investigator	Name of the Project/ Endowments, Chairs	Name of the Funding agency
	2019-2020			
1	Dr.S.StephenRajkumarInbanathan	Physics	Synthesis, structure and properties of Graphene-metal oxide composite for dye degradation	University Grants Commission-DAE Consortium for scientific research
2	Dr.S.StephenRajkumarInbanathan	Physics	Synthesis, structure and properties of Graphenenanosheets with semiconductors	University Grants Commission-DAE Consortium for scientific research
3	Dr.M.Beaula Ruby kamalam PI, Dr.S.StephenRajkumarInbanathan , CoPI	Physics	Enhancing the Super capacitor Performance in Graphene and Graphene oxide/Transition metal oxide nanocomposites	Tamil Nadu State Council for Science and Technology (TNSCST)
4	Dr.K.JohnAdaikalasamy	Chemistry	Inspire Science Internship Grant	Department of Science and Technology, Ministry of Science and Technology
5	Dr.C.DorothySheela	Chemistry	Student Project-grant	Tamil Nadu State Council for Science and Technology (TNSCST)
6	Dr.K.Karthik Kumar	Chemistry	Synthetic Explorations with BaylisHilmanAdducts : asymmetric synthetics of Cyclopentenoids .	Department of Science and Technology - SREB - YSS
7	Dr.T.Angeline	Zoology	Student Project-grant	Tamil Nadu State Council for Science and Technology (TNSCST)

8	Dr.E.JoySharmila	Zoology	Study on the diversity of butterflies of Sirumalai hills Eastern Ghats Tamil Nadu	Tamil Nadu State Council for Science and Technology (TNSCST)
9	The American college	Zoology, Botany, Physics Chemistry	DST -FIST Grant	Department of Science and Technology - FIST
10	The American college	Zoology, Botany, Physics Chemistry	Star College Grant	Department of Science and Technology
11	Dr.T.Shylaja	Visual Communication	Investigations on social media and their impacts on personal - social and academic domains of urban based student community	University Grants Commission
2018-2019				
1	Dr.R.AlbertChristoberDhas	Economics	Functional Performance and prospects of small business enterprises	University Grants Commission
2	Dr.J.Jebaraj	Economics	Economic appraisal on atmospheric pollution - health of urban residents and medical disbursements	University Grants Commission
3	Dr.M.DavamaniChristober	Mathematics	Travel Grant received from Ugc for Research paper presentation	University Grants Commission
4	Ms.Brindha	Physics	Ministry of science & Technology Department of science & Technology - SR/ wos - A/PM - 1036/2015 (G)	Department of Science and Technology – WOS

5	Dr.D.DavidJebaraj	Physics	Dynamic nuclear polarization of ² H-substituted nitroxyl spin probes used in Overhauser -	University Grants Commission
6	Dr.P.RichardRajkumar	Physics	Analysis of structural - mechanical and corrosion properties of zinc/zinc oxide thin films- sputter deposited on steel substrates for anti corrosion applications	University Grants Commission
7	Dr.A.Robson Benjamin	Physics	Automation of KIPP's double monochromator using universal test and measurement class interface	University Grants Commission
8	Dr.K.Karthik Kumar	Chemistry	Synthetic Explorations with BaylisHilmanAdducts : asymmetric synthetics of Cyclopentenoids .	Department of Science and Technology - SREB - YSS
9	The American college	Zoology, Botany, Physics Chemistry	DST -FIST Grant	Department of Science and Technology - FIST
10	The American college	Zoology, Botany, Physics Chemistry	Star College Grant	Department of Science and Technology
11	Dr.T.Shylaja	Visual Communication	Investigations on social media and their impacts on personal - social and academic domains of urban based student community	University Grants Commission

	2017-2018			
1	Dr.U.Balasubramanian	Tamil	Evaluation of the history of Tamil Literature	University Grants Commission
2	Dr.A.BoomiSelvam	Tamil	Preparing a dictionary of slang and colloquial terms of Madurai region	University Grants Commission
3	Dr.R.AlbertChristoberDhas	Economics	Functional Performance and prospects of small business enterprises	University Grants Commission
4	Dr.J.Jebaraj	Economics	Economic appraisal on atmospheric pollution - health of urban residents and medical disbursements	University Grants Commission
5	Dr.Rev.ArulArasuIsrael	Religion Philosophy and Sociology	Indian council pf philosophical research	Indian Council For Cultural Relations
6	Dr.A.Amutha	Mathematics	Superstrongly perfect graph	Ministry of Higher Education and Scientific Research (Algeria)
7	Dr.R.Daphine	Physics	Content Attainment Through Computer Adaptive Testing (CAT) Can Overcome the Barriers Like Locality of the Institution	University Grants Commission
8	Dr.D.DavidJebaraj	Physics	Dynamic nuclear polarization of ^2H -substituted nitroxyl spin probes used in Overhauser -	University Grants Commission
9	Dr.P.RichardRajkumar	Physics	Analysis of structural - mechanical and corrosion properties of zinc/zinc oxide thin films- sputter	University Grants Commission

			deposited on steel substrates for anti corrosion applications	
10	Dr.A.RobsonBenjamin	Physics	Automation of KIPP's double monochromator using universal test and measurement class interface	University Grants Commission
11	Ms.Brindha	Physics	Ministry of science & Technology Department of science & Technology - SR/wos - A/PM - 1036/2015 (G)	Department of Science and Technology - WOS
12	Dr.M.Beaula Ruby Kamalam	Physics	FDP _Contingency Grant	University Grants Commission
13	Dr.B.Kirthika Rani	Chemistry	FDP _Contingency Grant	University Grants Commission
14	Dr.K.Karthik Kumar	Chemistry	Young Scientist	Department of Science and Technology
15	Dr.K.NavaneethaKannan	Zoology	Work Shop	Department of Science and Technology
16	Dr.K.NavaneethaKannan	Zoology	DST - Inspire Science Internship Grant	Department of Science and Technology - Inspire Science Internship Grant
17	The American college	Zoology, Botany, Physics Chemistry	DST -FIST Grant	Department of Science and Technology - FIST
18	The American college	Zoology, Botany, Physics Chemistry	Star College Grant	Department of Science and Technology
19	Mrs.D.Ramya	Microbiology & Immunology	Biodegradation of petrol using chosen bacterial strains	Tamil Nadu State Council for Science and Technology (TNSCST)

20	Dr.A.DeborahGanaSelvam	Microbiology & Immunology	Isolation and Identification of seaweed associated actinomycetes and screening for antibacterial activity	Tamil Nadu State Council for Science and Technology (TNSCST)
21	Dr.T.Shylaja	Visual Communication	Investigations on social media and their impacts on personal - social and academic domains of urban based student community	University Grants Commission
	2016-2017			
1	Dr.U.Balasubramanian	Tamil	Evaluation of the history of Tamil Literature	University Grants Commission
2	Dr.A.BoomiSelvam	Tamil	Preparing a dictionary of slang and colloquial terms of Madurai region	University Grants Commission
3	Dr.A.Amutha	Mathematics	Super strongly perfect graph	Ministry of Higher Education and Scientific Research (Algeria)
4	Ms.Brindha	Physics	Ministry of science & Technology Department of science & Technology - SR/wos - A/PM - 1036/2015 (G)	Department of Science and Technology - WOS
5	Dr.M.Beaula Ruby Kamalam	Physics	FDP _Contingency Grant	University Grants Commission
6	Dr.K.Karthik Kumar	Chemistry	Young Scientist	Department of Science and Technology
7	Dr.B.Kirthika Rani	Chemistry	FDP _Contingency Grant	University Grants Commission
8	Dr.K.NavaneethaKannan	Zoology	Work Shop	Indian Council of Medical Research

	2015-2016			
1	Dr.U.Balasubramanian	Tamil	Evaluation of the history of Tamil Literature	University Grants Commission
2	Dr.A.BoomiSelvam	Tamil	Preparing a dictionary of slang and colloquial terms of Madurai region	University Grants Commission
3	Dr.S.Paul Mary Deborrah	Physics	Investigation of Gaseous pollutants	University Grants Commission
4	Dr.A.Amutha	Mathematics	Superstrongly perfect graph	Ministry of Higher Education and Scientific Research (Algeria)
5	Dr.K.Karthik Kumar	Chemistry	Young Scientist	Department of Science and Technology
6	Dr.M.VathanaRuba	Chemistry	Novel photo and electroactive compounds of Triazine based ligands and metal complexes for DSCC and NLO applications	University Grants Commission