

## MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI – 12

### DETAILS OF ONGOING PROJECTS / SCHEMES AS ON OCTOBER 2024

S. No.	Name of the Principal Investigator/ Department	Details of the Projects / Scheme	Funding Agency with period	Fund Sanctioned Rs.
1.	Dr. P. Ravichandran Professor and Head Department of Plant Science	DBT project on “Network project on reproductive Biology, conservation and restoration of three red listed medicinal plants of southern western Ghats, TamilNadu through Biotechnological Approaches	DBT 2019-2022	30,69,600
2.	Dr.B.Sundarakannan, Professor and Head, Department of Physics	DST-SERB CRG Project on “Electric Field induced Magnetisation Reversal in FM /FE Thin Film Heterostructures”	DST-SERB CRG 2020-2023	26,51,000
3.	Department of Statistics	DST - FIST Programme	DST FIST 2020-2025	45,00,000
4.	Department of Sociology	SAP DRS – II Programme on “ Sociology of Marginalization , Sociology of Health and Sociology of Care and Social Support.”	SAP DRS – II 2018-2023	27,00,000
5.	Department of Computer Science and Engineering	SAP DRS – II Programme on “Big Data Analytics, LIFI Networking, Video Processing”	SAP DRS – II 2018-2023	59,00,000
6.	Manonmaniam Sundaranar University	RUSA – R&I Scheme “Sustainable Energy Technologies	RUSA Chennai 2017 onwards	1,50,00,000
7.	Dr.M. Udayakumar,	DST-SERB CRG Project on “Establishment	DST-SERB CRG	19,60,200

	Assistant Professor, Department of Plant Science	of 25 Hectare Forest Dynamics Plot in Tropical Thorn Forest of Peninsular India”	2020-2023	
8.	Dr. P. Ravichandran, Professor and Head Department of Plant Science	MoEFCC-LTEO (All India Network Project) on “Long term Monitoring of Biodiversity and Ecosystem process in Indian Grasslands”	MoEFCC-LTEO 2020-2025	38,14,492
9.	Dr. T. Tamizh Chelvam CSIR Emeritus Scientist, Department of Mathematics	DST SERB Project on “Generalized Additive Graphs from Communicative Rings”	DST-SERB 2020-2023	18,38,122
10.	Dr. T. Tamizh Chelvam CSIR Emeritus Scientist, Department of Mathematics	CSIR Project on “A study on generalized cayley graph of rings”	CSIR 2020-2023	7,02,000
11.	Dr.S.Nagarajan, Assistant Professor, Department of Chemistry	International Collaborative Project – IAA Research Impact Fund	IAA Research Impact Fund Swansea University,UK 2021 onwards	1,89,058
12.	Dr.S. Senthilnathan, Professor and Head SPKCEES	ORO Agri Project on “Efficacy ---Oryzae L”	ORO Agri Europe 2021 onwards	9,40,000
13.	Sri Paramakalyani Centre of Excellence in Environmental Science	DST - FIST Programme	DST-FIST 2021-2026	60,00,000
14.	Dr. T. Citarasu	Ayurved Ltd, Baddi, Consultancy Project on “	Consultancy Project,	2,47,500

	Associate Professor, Centre for Marine Science and Technology	Efficacy evaluation of some phytochemicals at improving growth performance, gut function and immunity in Nile tilapia ( <i>Oreochromis niloticus</i> )	Ayurvet Ltd, Baddi 2021-2022	
15.	Dr.A.Selvam, Associate Professor, Department of Plant Science	DST- SERB CRG project entitled “Developing an effective struvite composting process for poultry manure and evaluating its agronomic potential”	DST SERB CRG 2022-2023	25,24,060
16.	Dr.R. Selvaraju, DD&CE-B.Ed. in History	ICSSR Minor Research Project entitled “ Living Pattern, Longevity and Health Disparity of Transgender: A demographic study in the selected Districts of <i>Tamil Nadu</i> ”	ICSSR 2022-2023	3,50,000
17.	Dr.S. Monikandan Professor and Head Department of Mathematics	National Board for Higher Mathematics (NBHM) Project entitled “Ulam’s Conjecture in Graph Theory”	NBHM 2022-2024	16,30,400
18.	Dr.M.Udayakumar, Assistant Professor, Department of Plant Science	DST SERB project on “Investigation on functional traits of sand dune plant community : A Nutrient poor ecosystem”.	DST-SERB 2023-2026	21,34,308
19.	Dr. R. Sivakumar Assistant Professor Department of Criminology and Criminal Justice	ICSSR project on “Beti Bachao Beti Padhao: An Assessment on the impact on Crime against Child on Major Rural Areas of Tirunelveli Districts”	ICSSR 2023 (6 months)	5,78,000

20.	Dr.B.William Dharma Raja Professor and Head Department of Education – Director  And Dr. S. Sethu Assistant Professor Department of Physical Education and Sports - Deputy Director	Malaviya Mission Teacher Training Programme (MM -TTP)	MM -TTP MHRD – (2023 onwards)	9,35,700
21.	Dr.S.Prabakar Professor and Head Department of English	ICSSR project on “Socio -cultural Documentation and Text Analytics of Kani Performing Arts”	ICSSR	68,64,000
22.	Dr.R.Maruthakutti Former Professor Department of Sociology	ICSSR – Senior Fellowship entitled “Livelihood, Support and Life Satisfaction among the Rural Elderly in Tamilnadu”.	ICSSR	5,80,000

### Details of Project completed during the year 2018 to 2024 (5 years)

<b>S. No.</b>	<b>Name of the Principal Investigator /</b>	<b>Title of the Project</b>	<b>Name of the Department</b>	<b>Funding Agency with period</b>	<b>Fund Sanctioned</b>
1	Department of Computer Science and Engineering	DST – FIST Programme	Computer Science & Engineering	DST – FIST 2013-2018	39,00,000
2	Department of Mathematics	DST – FIST Programme	Mathematics	DST-FIST 2014 - 2019	47,00,000
3	Department of Chemistry	DST – FIST Programme	Chemistry	DST-FIST 2014 - 2019	1,03,00,000
4	Centre for Marine Science and Technology, Nagercoil	DST – FIST Programme	Centre for Marine Science and Technology	DST – FIST 2014-2019	38,00,000
5	Dr.S.Sudhakar, Professor and Head	UGC project on “ Transcriptome analysis to find regeneration and stem cell specific genes in the earthworm, Eudriluseugeniae”	Biotechnology	UGC 2015-2018	14,30,000

6	Dr.G.Immanuel Associate Professor,	UGC Project entitled "The effect of medicinal herb Phyllanthus niruri extracts on immunostimulatory activities and immune genes expression in shrimp Penaeus monodon".	Centre for Marine Science & Technology Rajakkamangalam	UGC 2015-2018	14,50,000
7	Dr.G.Balasubramania Raja Professor and Head,	UGC Project on "A Study on Parent Television Mediation towards Caste Related Violence and inculcating Communal Harmony in Southern Districts of Tamil Nadu".	Communication	UGC 2015-2018	13,40,300
8	Dr. P Deepa, Young Scientist,	DST-SERB (YSS) project entitled "Understanding the Potency of Inhibitors toward CK2 from Quantum Mechanics/Molecular Mechanics (QM/MM) and Molecular Dynamics (MD) study" under the scheme "Start up Research Grant"	Physics	DST-SERB (YSS) 2015-2018	28,92,000/-
9	Dr. M. Udayakumar, Assistant Professor	DST-SERB project entitled "Estimation of Carbon Stockpile of woody plants in point calimere wildlife and bird sanctuary, Tamil Nadu, Peninsular India, sanction orderNo.YSS/2015/002008, dated 31.May 2016 from Presidency College, Chennai to this University. .	Plant Science	DST-SERB 2016-2019	34,87,000
10	Dr. K. Selvakumar, Professor	DST SERB Project entitled "Hypergraphs from Algebraic Structures"	Mathematics	DST-SERB 2017-2020	15,74,000
11.	Dr. S. Senthil Nathan, Professor and Head,	DST SERB Project entitled "Induced defenses in rice (Oryza sativa) by exogenous chemical elicitor against specialized Pest and disease of the rice"	SPKCEES, Alwarkurichi	DST-SERB 2016-2020	61,87,000

12.	Department of Physics	SAP DRS-II Programme on “Nanomaterials for Hydrogen Generation and Materials for Clean Environment: Biomaterials, Solid electrolytes and Photovoltaics	Physics	UGC SAP DRS-II 2016-2021	65,00,000
13.	Department of Statistics	UGC SAP DRS- II Programme on “ Stochastic process and Modelling Bayesian methods and applications”	Statistics	UGC SAP DRS-II 2016-2021	37,00,000
14.	Dr. C. Thilagam Professor and Head, Department of Commerce	ICSSR Project entitled “Socio-Demographic Determinants and Morbidity Pattern of Women Beedi Workers in Tamil Nadu”.	Commerce	ICSSR 2017-2019	8,00,000
15.	Dr.S.Sethu, Assistant Professor	ICSSR Project entitled “Analysis of Motor Skills Disorder and Exercise Intervention Programme on Motor Skills Proficiency among school children”.	Physical Education and Sports	ICSSR 2017-2019	8,00,000
16.	Dr.S.Nagarajan, Assistant Professor	DBT Project entitled “Ramalingaswami Re-entry Fellowship of the Department of Biotechnology Anna University to this University.	Chemistry	DBT 2017-2022	1,01,29,467
17.	Dr.K.Mohanraj Assistant Professor	DST-SERB Project entitled “Facile Synthesis of Copper(I) Copper (II) – based metal ternary oxide nanocomposites and their Photoelectrochemical performance”	Physics	DST SERB 2017-2020	16,66,500
18.	Dr.R.Ramasubramanian, Assistant Professor	ICSSR Minor Project entitled “The Government Policies towards the Inter-caste Marriages in Tamilnadu 1968-2011”	History	ICSSR 2017-2019	3,00,000

19.	Department of Communication	UGC -SAP-DRS-II	Communication	UGC 2013 - 2018	40,50,000
20.	Department of Mathematics	UGC -SAP-DRS-II	Mathematics	UGC 2013 - 2018	57,00,000
21.	Dr. B. Radha, Assistant Professor	ICSSR Project entitled "Women and Media: An Experimental Study towards deconstruction of mass mediated gender attitudes among college students in Tirunelveli"	Communication	ICSSR 2017-2019	8,00,000
22.	Dr. R. Sivakumar Assistant Professor	ICSSR Project entitled "A Victimological Analysis of Cyber Bullying among college students in five major cities in Tamilnadu"	Criminology and Criminal Justice Science	ICSSR 2017-2019	5,50,000
23.	Dr. Samuel Asir Raj, Professor& Head,	ICSSR Project on "Study of socio - economic conditions of pastoral communities of southern Tamil Nadu"	Sociology	ICSSR 2018-2020	12,50,000
24.	Dr.S Senthil Nathan, Professor and Head ,	DBT foldscope Project entitled "To evaluate the cyto-toxicological effects of bio active derivatives in the midgut and nervous tissues of the tobacco cutworm Spodoptera litura using Fluorescent microscopy techniques"	SPKCEES Alwarkurichi	DBT 2018-2019	8,00,000
25.	Dr. S. Shailajha, Assistant Professor,	Indian Institute of Geomagnetism has sanctioned Dr. A.P.J. Abdul Kalam Fellowship project entitled "Preparation and Characterization of Novel Ferromagnetic Core Material for Magnetometer Sensors"	Physics	IIGM- APJ. Abdul Kalam Fellowship 2018-2021	3,10,000

26.	Dr. G. Immanuel, Associate Professor	DST SERB Project on “Investigation on Environmentally Safe Antifouling Metabolites from Mangrove as a source to control Biofoulers	CMST	DST SERB 2018 -2021	45,77,600
27.	Dr.A.Palavesam, Professor and Head	UGC- Community College Scheme – Diploma in Diagnostic Laboratory Technology “	Animal Science	UGC 2018-2019	50,00,000
28.	Dr.A.Palavesam, Professor and Head	MECON Consultancy Project “Consultancy Service Contract for EIA,EC&CRZ clearance for AFR facility for KKNPP 1,2 and NSDF for KK site,,P.O-Kudankulam,Tirunelveli District, Tamil Nadu”.	Animal Science	MECON 2018	3,06,000
29.	Department of Sociology	UGC SAP DRS II Programme on “Sociology of Marginalization sociology of Health and sociology of Care and Social Support”	Sociology	UGC - SAP DRS - II 2018 -2023	27,00,000
30.	Computer Science and Engineering	UGC SAP DRS II Programme on “Big Data Analytics, LIFI Networking, Video Processing”	Computer Science and Engineering	UGC - SAP DRS –II 2018 -2023	59,00,000
31.	Dr.G.Rexlin Jose Assistant Professor	PMMMNM TT Minor Research Project on Effect of NeurobieExercies and Computer Assisted Brain Train Games on Acquisition of select cognitive skills of slow learners “	DD&CE & B.Ed. English	PMMMNM TT 2019-2020	3,20,250
32.	Dr.B.Revathy, Professor and Head,	ICSSR (IMPRESS) Project on “ICT Revolution to revitalize rural Women agriculturists in Tamilnadu”	Commerce	ICSSR (IMPRESS) 2019-2021	8,00,000
33.	Dr.V.Sundararaman Assistant Professor	ICSSR Research Project on “ A study on media accessing pattern and entrepreneurship awareness among rural	Communication	ICSSR 2019-2021	5,00,000

		youth in southern districts of Tamil Nadu”			
34.	1.Dr.B.William Dharma Raja, Prof & Head, Project Co-ordinator,(CTRAS) Dept. of Education. 2. Dr. S. Sethu, Assistant Professor, Centre Co-Ordinator, (CSME) Dept. of Phy.Edn. and Sports	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme - School of Education, MHRD.	MS University	MHRD 2019-2021	11,50,00,000
35.	Department of Physics	SAP DRS – II Programme on “Nanomaterials for Hydrogen Generation and Materials for Clean Environment Bio-materials, Solid electrolytes and Photovoltaics	UGC -SAP-DRS-II	2016-2021	65,00,000
36.	Department of Statistics	SAP DRS – II Programme on ” Stochastic process and Modelling Bayesian methods and applications”	UGC -SAP-DRS-II	2016-2021	37,00,000
37.	Dr. S. Sudhakar, Professor Dept. of Biotechnology	DBT Project on “Establishment of Bioinformatics Infrastructure Facility (BIF) for the promotion of Biology Teaching through Bioinformatics (BTBI)	DBT	2017-2020	1,10,24,000
38.	Dr.A.G.Murugesan, Professor	UGC-FRPS-BSR-One time grant	SPKCEES, Alwarkurichi	2017-2019	10,00,000



## Foreign Collaborations

Sl. No.	Name of the University	MOU signed with	Scope of MoU	MoU Signed Year
1.	Manonmaniam Sundaranar University	Arba Minch University, Ethiopia	Exchange of Faculty Members and Students	09.03.2019

No	MoU signed Year	Department University	<i>International Institution with which Signed MoU</i>	Purpose	Validity
1	09.03.2019	Department of Criminology and Criminal Justice, MSU	Arba Minch University, Ethiopia	Exchange of Faculty Members and Students	<b>5 years</b>