

THIAGARAJAR COLLEGE, MADURAI-625009

NATIONAL INSTITUTIONAL RANKING FRAMEWORK-NIRF 2021

DETAILS OF SPONSORED RESEARCH (2019-2020)

COLLEGE ID: IR-C-C-36513

OVERALL ID: IR-O-C-36513

S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Sanctioned(In Rupees)	Amount received (in Rupees)	Amount received (in Words)
1	2019-20	1 Dr. D. Pandiaraja, Principal & Associate Professor, Department of Maths & Dr. N. Arun Nagendran, Associate Professor, Department of Zoology	MHRD, New Delhi	Establishment of 50 Centre of Excellence for Training and Research in Frontier Areas of Science and Technology”	F.No.5-6/2013-TS.VII(General, ST, SC)	28.09.15	25000000	5000000	Fifty Lakh
2	2019-20	Dr. C. Balasubramanian, Associate Professor, Dept. of Zoology	MoEF & CC	DNA barcodes in mayfly (Insecta: Ephemeroptera) conservation in Western Ghats, India	22018/05/2015-RE(Tax)	19.01.17	2647600	541800	Five Lakh Forty One Thousand Eight Hundred

3	2019-20	Dr. A. Tamilselvi, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Understanding the mechanism of Histone Deacetylase 6 isoform by using synthetic zinc (II) complexes	EMR/2016/007599	30.08.17	3539580	500000	Five Lakh
4	2019-20	Dr. M. Karthikeyan, Assistant Professor (SF), Dept. of Zoology in Associate with Dr. R. Gandhimathi, National Institute of Technology, Trichy	Science & Engineering Research Board	Teachers Associateship for Research Excellence (TARE)	TAR/2019/000242	09.12.19	1830000	275000	Two Lakh Seventy Five Thousand
5	2019-20	Dr. K. Selvakumar, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Development of shape selective Meso Porous Clay Catalyst for tunable stereoselective synthesis of commercial drug intermediate of 2, 3-substituted β Amino ester derivatives – A greener approach	SB/EMEQ-297/2014	29.01.16	3159200	1984	One Thousand Nine Hundred Eighty Four

6	2019-20	Dr. B. Sadhana, Assistant Professor, Dept. of Botany	UGC, Hyderabad	Stimulation of nutrient mobilization in coastal plants by AM fungi under saline condition	F.MRP- 5242/14	March, 2014	320000	15693	Fifteen Thousand Six Hundred Ninety Three
7	2019-20	1 Dr. D. Pandiaraja, Principal & Associate Professor, Department of Maths	Nottingham Trent University, UK	Case studies in Food- section, South India	Nil	May, 2019	25000	24424	Twenty Four Thousand Four Hundred Twenty Four
						Total	36521380	6358901	Sixty Three Lakh Fifty Eight Thousand Nine Hundred One
2018-19									

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1	2018-19	Dr. A. Tamilselvi, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Understanding the mechanism of Histone Deacetylase 6 isoform by using synthetic zinc (II) complexes	EMR/2016/007599	30.08.17	3539580	250000	Two Lakh Fifty Thousand
2	2018-19	Dr. K. Selvakumar, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Development of shape selective Meso Porous Clay Catalyst for tunable stereoselective synthesis of commercial drug intermediate of 2, 3-substituted β Amino ester derivatives – A greener approach	SB/EMEQ-297/2014	29.01.16	3159200	600000	Six Lakh
3	2018-19	Dr. C. Balasubramanian, Associate Professor, Dept. of Zoology	MoEF & CC	DNA barcodes in mayfly (Insecta: Ephemeroptera) conservation in Western Ghats, India	22018/05/2015-RE(Tax)	19.01.17	2647600	499200	Four Lakh Ninety Nine Thousand Two Hundred
4	2018-19	DR. N. Srinivasan	UGC	Oxide Based dilute magnetic materials: synthesis and local structural characterization	F. No. 39-497/2010(SR)	10.01.2011	698800	352203	Three Lakh Fifty Two Thousand Two Hundred Three

5	2018-19	Dr. C. Balasubramanian	UGC	Molecula systematic and dispersal patern of may flies in agasthiar hills of Southern Western Ghats	F.38-250/2009 (SR)	24.12.2009	849800	64398	Sixty Four Thousand Three Hundred Ninety Eight
6	2018-19	Dr. S. Pitchaimuthu	UGC	Fabrication of visible – light driven semiconductor nanoheterostructures for the enhanced photocatalytic treatment of organic contaminants in aqueous media	F.MRP-6451/16(MRP/UGC-SERO)	11.12.2018	160000	32000	Thirty Two Thousand
7	2018-19	Dr. A. Elangovan	UGC	Designing of DSSC using Graphene and nanocomposites (DSSC – Dye sensitized solar Cells)	F.MRP-6450/16(MRP/UGC-SERO)	08.01.2019	190000	20000	Twenty Thousand
8	2018-19	Dr. M. Karthikeyan	TNSCST	Fabrication and characterization of magnetotatic bacteria immobilized PVA nanofibers for hexavalent chromium remediation	TNSCST/SPS/AR/2018-2019- BS-033	18.02.2019	7500	7500	Seven Thousand Five Hundred

9	2018-19	Dr. D.S. Bhuvaneshwari	TNSCST	Scrutinizing the corrosion inhibition behaviour of Rhizobium Leguminosarum-legume root nodule associated bacteria on mild steel in 0.5 M H ₂ SO ₄	TNSCST/SPS/AR/2018-2019 - ES-018	18.02.2019	7500	7500	Seven Thousand Five Hundred
10	2018-19	Ms. A. Anita Margaret	TNSCST	Modulation of maternal gut biome by Lactobacillus sp. To stimulate neuro-protectant and immunoregulatory effects of on depression induced zebrafish (Danio rerio) models by methyl mercury	TNSCST/SPS/AR/2018-2019 - MS-014	18.02.2019	7500	7500	Seven Thousand Five Hundred
						Total	11267480	1840301	Eighteen Lakh Forty Thousand Three Hundred One

2017-18

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1	2017-18	Dr. A. Tamilselvi, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Understanding the mechanism of Histone Deacetylase 6 isoform by using synthetic zinc (II) complexes	EMR/2016/007599	30.08.17	3539580	2296000	Twenty Two Lakh Ninety Six Thousand
2	2017-18	Dr. K. Selvakumar, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Development of Reusable and Shape Selective Mesoporous Clay (M-SBA-X) Catalyst for cross coupling reaction – A greener approach	SB/FT/CS-095/2014	18.07.14	2656000	400000	Four Lakh
3	2017-18	Dr. K. Selvakumar, Assistant Professor, Dept. of Chemistry	Science & Engineering Research Board	Development of shape selective Meso Porous Clay Catalyst for tunable stereoselective synthesis of commercial drug intermediate of 2, 3-substituted β Amino ester derivatives – A greener approach	SB/EMEQ-297/2014	29.01.16	3159200	600000	Six Lakh

4	2017-18	Dr. T. Rajagopal, Assistant Professor, Dept. of Zoology	UGC, Hyderabad	Population ecology of South Indian Breed of Rajapalayam Dog (Canis Lupus Familiaris) with special reference to detection of Ovulation via non-invasive pheromone technology : A novel approach ...	MRP-6931/16 (SERO / UGC)	26.03.17	500000	325000	Three Lakh Twenty Five Thousand
5	2017-18	Dr. A. Elangovan, Head & Associate Prof., Dept. of Chemistry	UGC, Hyderabad	Designing of DSSC using Graphene and nanocomposites (DSSC – Dye sensitized solar Cells)	MRP-6451/16 (SERO / UGC)	26.03.17	190000	150000	One Lakh Fifty Thousand
6	2017-18	Dr. K. Jegadeesan, Assistant Prof. Dept. of Botany	UGC, Hyderabad	Green synthesis of trivalent chromium nanoparticles from hexavalent chromium present in tannery effluent	MRP-6358/16 (SERO / UGC)	30.06.17	220000	122500	One Lakh Twenty Two Thousand Five Hundred
7	2017-18	Dr. R. Aruna, Assistant Prof. Dept. of Botany	UGC, Hyderabad	Plant – bird interactions with special reference to identification of keystone species in Alagar hills, Eastern Ghats, India	MRP-6381/16 (SERO / UGC)	30.06.17	200000	145000	One Lakh Forty Five Thousand

8	2017-18	Dr. S. Pitchaimuthu, Assistant Prof. Dept. of Chemistry	UGC, Hyderabad	Fabrication of visible – light driven semiconductor nanoheterostructures for the enhanced photocatalytic treatment of organic contaminants in aqueous media	MRP-6450/16 (SERO / UGC)	30.06.17	160000	135000	One Lakh Thirty Five Thousand
9	2017-18	Dr. S. Kasi, Assistant Prof. Dept. of Economics	UGC, Hyderabad	An economic analysis on HIV / AIDS and tuberculosis (TB) affected patients in Madurai district – Tamil Nadu	MRP-6606/16 (SERO / UGC)	30.06.17	115000	87500	Eighty Seven Thousand Five Hundred
10	2017-18	Dr. Rm. Murugappan, Head & Assoc. Prof. Dept. of Zoology	UGC, Hyderabad	Screening of Honey-based Nanofibrous Scaffold for wound dressing application	MRP-6789/16 (SERO / UGC)	30.06.17	75000	40000	Forty Thousand
11	2017-18	Dr. M. Karthikeyan, Assistant Prof. Dept of Zoology	UGC, Hyderabad	Utilization of hydrocarbon wastes for bio plastics (Polyhydroxyalkanoates) production by Marine bacteria	MRP-6777/16 (SERO / UGC)	30.06.17	75000	40000	Forty Thousand
12	2017-18	Dr. S. Gandhidurai,	UGC, Hyderabad	Religion ideology in Tamils focus sangam literature	MRP-6962/16 (SERO / UGC)	02.08.17	100000	60000	Sixty Thousand

		Assoc. Prof. Dept. of Tamil							
13	2017-18	Dr. K. Sathiyadash, Assistant Prof. Dept. of Botany	UGC, Hyderabad	Diversity of Arbuscular mycorrhizal fungi in shoal forests of Kodaikanal	MRP-6384/16 (SERO / UGC)	30.06.17	200000	140000	One Lakh Forty Thousand
14	2017-18	Dr. C. Ravi, Assistant Prof. Dept. of Zoology	UGC, New Delhi	Bio-Degradation of chicken feather waste using kerattinase producing microbes	43-573/2014 (SR)	15.10.15	1108000	178311	One Lakh Seventy Eight Thousand Three Hundred Eleven
15	2017-18	Dr. M. Eyini, Head (Rtd.) & Assoc. Prof. Dept. of Botany	UGC, New Delhi	Polycyclic aromatic hydrocarbons (PAHs) biodegradation by mixed cultures of wild basidiomycetes fungi and petroleum contaminated soil bacterial isolates : compara -tive in vivo and in silico approach	38-240/2009(SR)	24.12.09	958929	40506	Forty Thousand Five Hundred Six
						Total	13256709	4759817	Forty Seven Lakh Fifty Nine Thousand Eight Hundred Seventeen