



**YOGI VEMANA UNIVERSITY**  
**KADAPA-516 005**  
**ANDHRA PRADESH**  
**CRITERION-VI**

**LIST OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES**

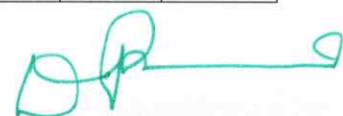
s.no	Name/ Title of the Scheme/Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non - Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Assesment of cognitive status in the community dwelling older people: role of psychological intervention.	Dr. K. Lalitha	ICMR, New Delhi	Government	Psychology	2021	17.17	3 years
2	Raising of 3 model Nurseries @ Rs. 25 Lakhs each	A. Madhusudhan Reddy	NMPB Ministry of AYUSH, GoI, New Delhi	Government	Botany	2020	75.00	2 years
3	<i>Ex situ</i> Conservation, micropropagation, population structure and mycorrhizal association of <i>Pterocarpus santalinus</i> and its associated tree assemblage (YVU Red Sander Project).	A. Madhusudhana Reddy	Andhra Pradesh State Biodiversity Board, Guntur,A.P.	Government	Botany	2021	60.76	3 years
4	Adsorptive removal of copper and in contaminated water near mining areas	Dr. Sumithra	DST-SERB, New Delhi	Government	Environmental Science	2019	42.35	3 years

5	Physiological and Molecular Basis of Drought Tolerance in Landraces of Foxtail Millet ( <i>Setaria italic L.</i> ): Mapping Population Development, Evaluation and QTL Identification	Dr. A. Chandrasekhar and Dr. P. Chandra Obul Reddy	DST - SERB New Delhi	Government	Biotechnology and Botany	2019	51.89	3 years
6	Nitrated-Fatty Acids as Anti-oxidant and Anti-inflammatory Therapy for Acute Lung Injury"	Dr. N.Venkata Rami Reddy	DST-SERB, New Delhi	Government	Zoology	2018	53.92	3 years
7	Molecular signaling during thymus involution and its application for the prevention of age associated diseases and cancer	L. Dakshayani and C. Madhava Reddy	DST SERB, New Delhi	Government	Genetics and Genomics Biotechnology and Bioinformatics	2018	42.17	3 years
8	Biodiversity of insect fauna A major survey in the Eastern Ghats of Southern Andhra Pradesh	Dr. S.P.Venkata Ramana	UGC, New Delhi	Government	Zoology	2013-2017	7.29	3 years
9	DST-FIST programme	The Head, Dept. of Physics	Department of Science and Technology, New Delhi	Government	Physics	2018-19	51	5 Years
10	Development of novel multifunctional quinazolinone and cyanoacetamide based heterocyclics with Cholinesterase Inhibition, anti-a-amyloid Aggregation, Antioxidant and Neuroprotective properties as innovative drugs for Alzheimer's disease	Prof. A.G. Damu	DST-SERB, New Delhi	Government	Chemistry	2018	41.61	3 years
11	Development of rare earth doped nanocrystalline quantum cutting luminescent materials for solar energy harvesting	Dr. V. Venkatramu	DST, New Delhi (Indo-Portugal joint project)	Government	Physics	2017	12.68	3 years
12	Fabrication of cost effective dye sensitized solar cells with platinum free counter electrode and	Dr. M. Raghavendra	DST-SERB, New Delhi	Government	Physics	2017	29.43	3 years

  
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	bi-functional upconversion photo electrodes							
13	Synthesis, Characterization and photocatalytic efficacy of Carbon nanotube-TiO <sub>2</sub> nanohybrid for enhanced hydrogen production under solar irradiation	Dr. M. Mamatha Kumari	UGC, New Delhi	Government	Material Science and nanotechnology	2015	11.89	3 years
14	Nanoferrites tungstites and carbon nanotubes composites for efficient hydrogen production by solar water splitting	M. Mamatha Kumari	NRB, New Delhi	Government	Material Science and nanotechnology	2017	17.34	3 years
15	Proteomic analysis of drought stress tolerance in foxtail millet ( <i>Elusineacorcana</i> L.)	Prof. P. Sha Valli Khan	DST SERB, New Delhi	Government	Botany	2016	26.86	3 years
16	Rayalaseema Drama- A Historical study	Dr. Mula Mallikarjuna Reddy	UGC-MRP, New Delhi	Government	Fine Arts	2015	9.66	3 years
17	A study on access, equity, quality, cost and efficiency of school education under public and private managements in Andhra Pradesh.	Dr. T. Sudarshan Reddy	UGC, New Delhi	Government	Economics	2017	6.80	3 years
18	Evaluation of phytoremediation potential of native plant species for strontium, cadmium and mercury contaminated soils	Dr. S.Sumithra	UGC, New Delhi	Government	Environmental Science	2014	11.68	3 years
19	Stereo selective synthesis of dafachronic acids and cholestenoic acids, the potential ligands for the DAF-12 nuclear receptor in <i>Cenorabditis elagance</i>	Dr. K. Venkateswarlu	CSIR, New Delhi	Government	Chemistry	2014	29.39	3 years
20	Development of core shell structure by metallic-graphene nano-composites for fuel cell reactions	Dr. L. Subramanyam Sharma	DST, SERB, New Delhi	Government	Chemistry	2013	40.35	3 years
21	Synthesis and biological evaluation of Benzofuran-2-1	Dr. K. Venkateswarl	DST, SERB, New Delhi	Government	Chemistry	2016	23.40	3 years

	derivatives	u						
22	New Chiral N heterocyclic carbenes synthesis and applications in asymmetric synthesis	Dr. P. Vasu Govardhan Reddy	CSIR, New Delhi	Government	Chemistry	2015	18.32	3 years
23	Development of Botanical Garden and Strengthening its Botanic Garden for the scheme assistance to Botanic garden	A. Madhusudhan Reddy	MoEFCC, New Delhi	Government	Botany	2017	88.14	3 years
24	Assessment of population structure, phenology and natural regeneration of Pterocarpus santalinus- endemic endangered and exploited tree species of South Eastern ghats	M.Sridhar Reddy	MoEFCC, New Delhi	Government	Environmental Science	2014	17.64	3 years
25	Hierarchical composite nanostructure photocatalysts for efficient water splitting under solar light irradiation	Prof. M.V.Shankar	MNRE, New Delhi	Government	Material Science and nanotechnology	2015	72.19	3 years
26	Aerosol Radiative forcing over India (RFI) project	Prof. Y. Nazeer Ahammed	ISRO, Bangalore	Government	Physics	2008	50.00	Network Project
27	Reproductive ----- Andhra Pradesh	S. Nazneen Parveen	UGC, New Delhi	Government	Environmental Science	2013	8.51	3 years
28	Design and synthesis of IPN based polymer electrolyte membranes embedded with nano-additives for fuel cell application	Dr. KSV Krishna Rao	ISRO, Bengaluru	Government	Chemistry	2014	22.75	3 years
30	Fabrication of electrochemical sensors for the determination of neurotransmitters and	K. Reddaiah	Department of Science and Technology,	Government	Chemistry	2016	19.2	2 years



	some selective flavonoids		New Delhi					
31	Hyper branched polymer surface modified magnetic nano-particles for selective extraction of heavy metal cations and anions	Harinath	Department of Science and Technology, New Delhi	Government	Chemistry	2015	19.2	2 years
32	Synthesis and development of Bio-active organo phosphorous compounds	Santhisudha S	Department of Science and Technology, New Delhi	Government	Chemistry	2016	9.6	1 years
33	Longterm variations in aerosols and direct radiative forcing and its impact on change in heat rate over semi arid station, Kadapa, India	S. Pavana Kumari	CSIR, New Delhi	Government	Physics	2019	18.87	3 years
34	Design and development of high performance, stable, cost-effective perovskite solar cells with up converter and study its proto-type module advancement	A. Meenakshamma	Department of Science and Technology, New Delhi	Government	Physics	2021	19.38	3 years

Total Amount (INR in lakhs) = 805.42

