

VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)

DETAILS OF RESEARCH PROJECTS FUNDED BY FUNDING AGENCIES - LAST FIVE YEARS

S.No.	Title of the R & D Project	Name of the Principal Investigator	Name of the Funding Agency	Total grant sanctioned	Year in which Completed	Duration
1.	“Immunostimulatory, antibacterial and disease protective active principles from selected marine macroalgae for application to aquaculture”	Dr.Micheal Dinakaran Microbiology	Ministry of Earth Sciences, New Delhi	`13,23,990	2013	3 years
2.	“Studies on Immune responses of striped murrel, Channa Striatus Bloch....”	Dr.Micheal Dinakaran Microbiology	DST, New Delhi	`24,29,760	2013	3 years
3.	MODROBS Scheme entitled “ Cytokine inhibitors from Indian System of Medicine (ISM) and its Micro-propagation”	Dr.V.Ravichandiran Pharmacy	AICTE New Delhi	`12,00,000	2013	1 year
4.	TNSCST-DBT Students Research Project	Dr.G.Kathiravan Biotechnology	TNSCST – DBT	`10,000	2013	6 months
5.	MODROBS Scheme entitled “Class rooms and Computer Lab”	Dept. of Management Studies	AICTE, New Delhi	`12,00,000	2013	1 year
6	Creation of working Solid model for various systems of PFBR in video & audio output as per specified drawings	Dr.Arun Raaza Engineering	BHAVINI, Kalpakkam.	`12,58,560	2014	1 year
7	Government of India through NIELIT project for Computer training program for SC/ST students	Dr.P.Mayilvahanan MCA	TNCST Chennai	`4,50,000	2014	1 year
8	Synthesis and Characterization of Graphene by Chemical and Electro Chemical Methods	Dr.R.A.Kalaivani Chemistry	DMSRDE, DRDO	`9,80,000	2014	1½ year
9	Design, Development & prototype production of Magnesium water activated battery for MAV applications	Dr.S.Lahshminarayanan Dr.R.A.Kalaivani Chemistry	ARDB, DRDO	`8,14,000	2015	1 year

10	“Fabrication of novel biosensing system based on super growth vertical aligned single walled carbon nanotubes”	Dr.T.Somanathan Chemistry	SERB, DST, New Delhi	`20,00,000	2015	3 years
11	Design and Simulation study of low profile Ku Band Airborne sitcom antenna unit for early warning system	Dr.Arun Raaza, Mr.K.Ramesh Engineering	CABS, DRDO, Bangalore.	` 9,80,000	2015	1 year
12	Government of India through NIELIT project for Computer training program for SC/ST students – O – level project	Dr.S.Prasanna MCA	TNCST Chennai	`3,99,600	2015	1 year
13	Government of India through NIELIT project for Computer training program for SC/ST students – O – level project(25 x 900 x 12)	Dr.S.Prasanna MCA	TNCST Chennai	`2,75,000	2016	1 year
14	Development of endophytic bacterial consortium from selected Western Ghats of India	Dr.M.Melvin Joe Microbiology	SERB, DST, New Delhi	`18,40,000	2016	3 years
15	A study on Lifestyle trends influencing Processed food and Impact on Health among School Going Children	Ms. Vijayalakshmi (HCM) Dr.S.Vasantha (MBA)	TNSCST, Chennai	` 4,07,000	2016	2 years
16.	Studies on Immuno-prophylactic and therapeutic potentials of the hemi-parasitic mistletoe, Detrophthoe falcate for application to disease control in Asian sea bass, Lates calcarifer”	Dr.Dinakaran Micheal Dr.Seeli Balaji Microbiology	DBT, New Delhi	`34,20,000	Ongoing	3 years (Extensio n)
17.	Cyto-toxic and Anti-cancer activities of novel perylene-di-imides	Dr.M.Vijeyanandhi Pharmacy	DBT, New Delhi	`23,86,241	Ongoing	3 years
18.	Development of an Intelligent Hybrid Driver Hypo-vigilance System	Dr.Arun Sahayadass Engineering	SERB, DST, New Delhi	`25,00,000	Ongoing	3 years
19.	Micro-propagation and phytochemical analysis of rare medicinal plants used by Tribal’s of Elagiri, Javvado and Yercaud hills in Tamil Nadu	Dr.O.S.Vivekanand an Biotechnology	Dept. of Ayush NMPB New Delhi	`14,11,900	Ongoing	3 years

20.	Synthesis, Characterization of Onium salts and its application in organic reaction: A kinetic study.	Dr. P.A.Vivekanand Chemistry	SRB EMR DST, New Delhi	`36,00,000	Ongoing	3 years
21.	Effect of stress inducer on the morphology of riboflavin producer Eremothecium ashbyii and the preliminary studies on the Nucleotide Excision Repair (NER) pathway gene expression.	Dr.Vijayalakshmi.S Biotechnology	SRB EMR DST, New Delhi	`32,00,000	Ongoing	3 years
22.	An Ecofriendly Technology for the enhancement of Rheological and Filtration Properties of Water Based drilling mud	Dr.Ponmani.S Petroleum Engg.	SERB, DST, New Delhi	`23,22, 100	Ongoing	3 years
23.	Fundamental Studies of Na+Ion Storage Mechanism in Amorphous Carbon(Hard & Soft) Materials.	Dr.Raghu Subash Chandrabose Chemistry	SERB, DST, New Delhi	`30,00, 000	Ongoing	3 years
24.	An Innovative approach for medicinal cultivation in drought prone areas by endophytic bacterial strains-lab to land approach.	Dr.Abitha Benson Biotechnology	SERB-ECR, DST, New Delhi	`30,00, 000	Ongoing	3 years
25	Materials for Energy Storage	Dr.Raghu Subash Chandrabose & R.A.Kalaivani Chemistry	DST, New Delhi	`80,00, 000 (Fund to be released)	Ongoing	3 years
TOTAL				`4,84,08,151		

Dr.R.A.Kalaivani, Director of Basic Sciences, VISTAS(Vels University) is one of the Co-Investigators in IMPRINT project sanctioned to Dr.S.Senthilnathan, IIT-Guwahati by Govt. of India, F.No.3-18/2015-T.S-I(Vol.III) – Total Cost of the Project : 159.79 Lakhs.

Under Review –Budget revision

1	Puhar-UW-Geophysics (Under water Geophysical survey of the submerged city of Pimpoohar using acoustical signal processing methods	Dr.V.Rajendran ECE	DST-Geo Spatial Centre for Remote sensing	2 years	Rs.2.39 crores
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