

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

DETAILS OF RESEARCH PROJECTS COMPLETED & ONGOING – FUNDED BY VISTAS

S.No.	Title of the R & D Project	Name of the Principal Investigator	Name of the Funding Agency	Total grant sanctioned	Year in which started	Duration
1.	Anti – Obese Effect of Poly Herbal Extract in High Fat Diet Fed Obese Mouse	Dr. V. Ravichandran, Dr. K.F.H. Nazeer Ahamed	VISTAS	₹6,00,000	2010	1 year
2.	Aircon System and Method With an Outfit for Two-Wheeler Riders	Arun Raaza, R. Kalaivani, N. Krithiga, K. Solaiarasi, D. Shayamlee, R. Pallawi	VISTAS	₹4,00,000	2010	1 year
3.	Integrated Smart School / College Transport System	Arun Raaza and Students Team	VISTAS	₹4,00,000	2010	1 year
4.	Easy Vehicles Monitoring and Surveillance	Arun Raaza and Students Team	VISTAS	₹8,00,000	2010	1 year
5.	Tele Surgical Robotic Endo-trainer	Dr.Ramalingam, Dr.Anbudurai Mr.Arun Raaza	VISTAS	₹10,00,000	2011	1 year
6.	Pharmacological and Toxicological investigation for prevention and / or treatment of Alzheimer’s disease with natural sea weeds as an investigational drug”	Dr.J.Anbu	VISTAS	₹1,50,000/-	2011	1 year
7.	Molecular Identification and Phylogeny of Arbuscular Mycorrhizal Fungi	Dr.K.Amutha	VISTAS	₹1,50,000	2011	1 year

8.	Standardized herbal tablet containing combined extract of Bacopa monnieri and Ficus racemosa, significantly improved scopolamine-induced memory impairment in mice	Dr. V. Ravichandran, and Mrs.A.Vijayalakshmi	VISTAS	₹4,00,000	2011	1 year
9	Immunomodulatory effect of a herbal formulation tablet comprising equal mixture of Indian herbal namely Piper nigrum, Zinger officinale, Syzhigium jumbolanum	Dr. V. Ravichandran,	VISTAS	₹3,00,000	2011	1 year
10.	Fire fighting Robot	Mr.Arun Raaza and Students	VISTAS	₹1,50,000	2012	6 months
11	Eco-Friendly Smart cost effective Welding System.	Mr.B.Vinodkumar	VISTAS	₹20,000	2012	6 months
12	Formulation and Evaluation of Rivastigmine Tartrate Microspheres	Dr.V.Ravichandran	VISTAS	₹4,00,000	2012	1 year
13	EMI Electronic smart gadget for financiers and bankers	Dr.K.Anbudurai	VISTAS	₹2,00,000	2012	1 year
14	Novel Method of switching on-off the Car air-conditioner and check for other parameters	Dr.K.Anbudurai	VISTAS	₹2,00,000	2012	6 months
15	Preparation of Analytical Tablets and Capsules for Identification of Tuberculosis Bacterium	Dr.V. Ravichandiran Dr.Selvakumar	VISTAS	₹6,00,000	2012	1 year
16	Herbal Formulation for Water Haycinth Extermination	Dr. V. Ravichandiran Mr.S.Murthy	VISTAS	₹3,00,000	2012	1 year
17	Gallic acid and its bio potencial of Acanthophora spicifera with	Dr.V.Ravichandiran V.Lavakumar	VISTAS	₹4,10,000	2013	1 year

	Characterization.”					
18	Molecular Docking Novel Semicarbozone	Dr.V.Ravichandiran Dr.N.Venkateshan	VISTAS	₹3,50,000	2013	1 year
19	Chlorophyllin as an anticancer agent from Morindacitrifolia L.”	Dr.N. Banu Ms.S.Pavithra Dr.K.Rajagopal	VISTAS	₹4,45,000	2013	1 year
20	Studies on Immuno-prophylactic and therapeutic potentials of the hemi-parasitic mistletoe, Dentrophthoe falcate for application to disease control in Asian sea bass, Lates calcarifer”	Dr.Dinakaran Micheal Dr.Seeli Balaji	VISTAS	₹ 5,80,000	2013	3 years
21	Three Way Operated Smart Wheel Chair	Dr.Arun Raaza	VISTAS	₹8,00,000	2014	1 year
22	Fire Combat Bot (Fcb)	Mr.Arun Raaza	VISTAS	₹4,00,000	2014	1 year
23	Smart Home Electronics / Security Control System Using Android / IOS	Mr.Arun Raaza	VISTAS	₹8,00,000	2014	1 year
24	Extraction of gold and other precious method from ewes serape	Dr.R.A.Kalaivani	VISTAS	₹8,00,000	2014	2 year
25	Development of prototype 50 watt/hr redox flow vanadium battery	Dr.R.A.Kalaivani	VISTAS	₹6,00,000	2014	1 year
26	Evaluation of anticancer potential of hydro leaf extract of Annona Squamosa on Hep G2 Cell lines via Caspace and PI-3 kinase / AKT	Dr.V.Vanitha Biochemistry	VISTAS	₹ 99,000	2015	Ongoing
27.	QSRR Prediction and Analytical method development for Anti-Diabetic Drugs	Mr.A.S.K.Sankar Pharmacy	VISTAS	₹30,000	2015	Ongoing

28.	Formation and evaluation of Galantamine Hydro-bromide loaded poly-metric nano particles for improved activity I dementia induced mice	Mr.Jose Prakash Pharmacy	VISTAS	₹75,000	2015	Ongoing
29	Effect of N-Acetyl D-Clucosamine on STAT5B in mice	Mr.Santhosh Kumar and Dr.A. Vijayalakshmi Pharmacy	VISTAS	₹1,00,000	2015	Ongoing
30.	Study of Bio-guided fraction of Indian Medicinal plants for inhibition of inflammatory cytokines for development of lead molecules	Dr.Jayakumari Pharmacy	VISTAS	₹1,00,000	2015	Ongoing
31.	A study on the challenges of women self help group	Dr.Vasantha and Ms.Vidya Management Studies	VISTAS	₹24,800	2015	Ongoing
32.	Challenges in Financial Inclusion	Dr.Vasantha and Ms.S.Deepa, Management Studies	VISTAS	₹26,000	2015	Ongoing
33	Corporate Social Responsibility	Ms.S.Preetha, Management Studies	VISTAS	₹1,00,000	2015	Ongoing
34.	Conversion of waste plastics into graphene	Dr.R.A.Kalaivanai Chemistry Dept.	VISTAS	₹1,00,000	2015	Ongoing
		TOTAL		₹1,19,09,800		