

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

List of Patents filed by our own staff and students

S. No	Patent Title		Inventors	Patent Application Filed No	Filed Date	Published Date
1	Anti – Obese Effect of Poly Herbal Extract in High Fat Diet Fed Obese Mouse	VISTAS, Chennai	Dr. V. Ravichandran, Dr. K.F.H. Nazeer Ahamed	2381/CHE/2010	19/08/2010	31.12.2010
2	Aircon System and Method With an Outfit for Two-Wheeler Riders	VISTAS, Chennai	Dr.Anbudurai, Arun Raaza, R. Kalaivani, N. Krithiga, K. Solaiarasi, D. Shayamlee, R. Pallawi *	2209/CHE/2010	03/08/2010	03/09/2010
3	Integrated Smart School / College Transport System	VISTAS, Chennai	Dr.Anbudurai, Arun Raaza and Students Team	2207/CHE/2010	03/08/2010	03/09/2010
4	Easy Vehicles Monitoring and Surveillance	VISTAS, Chennai	Dr.Anbudurai, Arun Raaza and Students Team	2208/CHE/2010	03/08/2010	17/06/2011
5.	Standardized herbal tablet containing combined extract of Bacopa monnieri and Ficus racemosa, significantly improved scopolamine-induced memory impairment in mice	VISTAS, Chennai	Dr. V. Ravichandran, and Mrs.A.Vijayalakshmi	2016/CHE/2011	14/06/2011	27/01/2012
6.	Immunomodulatory effect of a herbal formulation tablet comprising equal mixture of Indian herbal namely Piper nigrum, Zinger officinale, Syzhigium jumbolanum	VISTAS, Chennai	Dr. V. Ravichandran,	2015/CHE/2011	14/06/2011	27/01/2012

S. No	Patent Title	College	Inventors	Patent Application Filed No	Filed Date	Published Date
7.	Smart Cost Effective Tele-surgical Robot for Surgery	VISTAS Chennai	Arun Raaza and Students Team	300/CHE/2012 A	25/01/2012	03/02/2012
8.	Formulation and Evaluation of Rivastigmine Tartrate Microspheres	VISTAS Chennai	Dr.V.Ravichandran	301/CHE/2012 A	25/01/2012	03/02/2012
9.	Apparatus and method for Welding	VISTAS, Chennai	E.Vinoth Kumar * Student of B.E., Mechanical	1037/CHE/2015	04/03/2015	13/03/2015
10.	A Potent Immunostimulant chemically separated from a Marine macroalga(Seaweed) for Prophylactic (Preventive) Health management in Finfish Aquaculture	VISTAS Chennai	Dr.Dinakaran Micheal	2271/CHE/2012	06/06/2012	10/08/2012
11.	Preparation of Analytical Tablets and Capsules for Identification of Tuberculosis Bacterium	VISTAS Chennai	Dr.V. Ravichandiran Dr.Selvakumar	2272/CHE/2012	06/06/2012	10/08/2012
12.	Herbal Formulation for Water Haycinth Extermination	VISTAS Chennai	Dr.V. Ravichandiran Mr.S.Murthy	2273/CHE/2012	06/06/2012	10/08/2012
13.	An efficacious marine plant-derived immunostimulant for preventing diseases in carps and other fish	VISTAS Chennai	Dr.Dinakaran Micheal Ms.Priyatharshni Rajendran	524/CHE/2015	03/02/2015	13/02/2015
14.	“Gallic acid and its bio potencial of Acanthophora spicifera with Characterization.”	VISTAS Chennai	Dr.V.Ravichandiran V.Lavakumar	623/CHE/2013	14/02/2013	10/10/2014
15.	“Molecular Docking Novel Semicarbozone”	VISTAS Chennai	Dr.V.Ravichandiran Dr.N.Venkateshan	625/CHE/2013	14/02/2013	10/10/2014

16.	“Chlorophyllin as an anticancer agent from Morindacitrifolia L.”	VISTAS Chennai	Dr.N. Banu Ms.S.Pavithra * Dr.K.Rajagopal	624/CHE/2013	14/02/2013	10/10/2014
17.	“Cost effective hybrid solar charger controller:	VISTAS Chennai	S.Prabhu Asst. Professor ECE Department	2502/CHE/2015	19/05/2015	
18.	Enhanced solar Micro inverter design that increases efficiency of power generation with fault detection and plug and play made easy	VISTAS Chennai	S.Prabhu Asst. Professor ECE Department	2616/CHE/2013	30/06/2013	Accepting for publication
19.	Mobile Controlled Combat Vehicle	VISTAS Chennai	Dr.Arun Razaa, Dr.K.Sekhar, Mr.K.Ramesh, Dr.M.Chandrasekar, Mr.S.Prabhu, Mr. Vishal* Mohan, Mr.Nithesh Mayilvahanan,* Mr.Veerselvan Raja*	3899/CHE/2014	08/08/2014	Complete specification filed. (01.07.2015)
20.	120* Beam Steerable Antenna of UWB Communication	VISTAS Chennai	Dr.Arun Razaa, Dr.K.Sekhar, Mr.K.Ramesh, Mr.S.Prabhu, Sathishkumar.P* Sindhura G	3397/CHE/2014	08/08/2014	Complete specification filed. (01.07.2015)
21	Conventional Oral Hearing Aid for Unilateral Hearing Loss	VISTAS Chennai	DR.M.Chandrasekar, Mr.C.Dhanasekar, Dr.Arun Raaza, Mr.Vishal Mohan, Mr.Nithesh Mayilvahanan, Mr.Veerselvan Raja	3898/CHE/2014	08/08/2014	Complete specification filed. (01.07.2015)

22.	On Road Dust extraction system	VISTAS Chennai	Hariharan Venkatesan,* Ruban Abraham * Dr.Chandrasekaran.M, Dr.Arun.S, Ms.Sibi	3560/CHE/2015	13.07.2015	24/07/2015
23.	Tangential suspension system for Two wheeler Automobiles	VISTAS Chennai	Sathish Pandian * B.Rajiv Gandhi, * K.Ganesh * Dr.Chandrasekaran.M, Ms.N.Sibi	3561/CHE/2015	13.07.2015	24/07/2015
24	Sea weed–derived immunostimulant for protecting murrels (Snake head fish) and other culture fishes from diseases	VISTAS Chennai	Dr. R. Dinakaran Michael and Ms. S. Kalaivani Priyadarshini	4022/CHE/2015	03.08.2015	14.08.2015
25	An Aqua Fuel Kit	VISTAS Chennai	Dr.M.Chandrasekaran & Team	4021/CHE/2015	03.08.2015	11.09.2015
26	Design and implementation of Water Quality Evaluating System Using GSM	VISTAS Chennai`	Rekha Mahendran, Divyasree.M, R, Sridevi M	5083/CHE/2015	23.09.2015	Accepted for publication
27	Self Activating Aircraft Disaster Recovery System	VISTAS Chennai	Lavanya.V, Sivakumar.K, Vijayalakshmi.P	5084/CHE/2015	23.09.2015	Accepted for publication

* Students