



Mini Project Sanction Order

10.7.2019

I am by direction to inform you that the management had sanction seed grant for Mini Research project work for the following faculty members against their research proposal submitted during the year 2018-19.

S. No	Project Title	Principal Investigator	Year of Project	Amount sanctioned	Expenditure in (INR)
1	Smart Vehicle Tracking and Accident Detection System	Ms.T.Jaya, Mr.S.Aravindh Mr.Nagaraj,K, ECE	2019-20	100000	99500
2	Synthesis of Zinc Oxide Nanoparticle using Cocos Nucifera Male Flower Extract and Analysis their	Ms.P.Indra Priyadarshni Chemistry	2019-20	100000	98700
3	Treatment of Lake water based on Biochar and Activated Carbon Filter System	Ivo Romauld Dr.P.Brindha Devi Ms.Swetha	2019-20	100000	98900
4	ZN Metal Based Anti-cancer Drug	Dr.A.Kosiha, Dr.Devendran.M Chemistry	2019-20	100000	97890
5	Molecular docking studies for Anti-tubercular activity, Synthesis, Characterisation and Antimicrobial	Dr.S.Ramachandran Pharmacy	2019-20	100000	99500

6	Webify a Cost Effective System for controlling of Home Appliances	Mr.S.Thirumal Dr.R.Anandan CSE	2019-20	100000	98500
7	Synthesis of Magnetic Nanoparticles and with Enhanced In-Vitro	E. Susithra, Mandava V. Basaveswara Rao, Rajasekhar	2019-20	100000	96500
8	Substituted Mannich Bases of Benzotriazole Derivatives as Anticancer Agents (Individual)	E. Susithra, Mandava V. Basaveswara Rao, Rajasekhar Chekkara, Shobha Rani Tenkayala, Pharmacy	2019-20	100000	99600
9	Low-Cost 2D Plotter Computer Numeric Control (CNC) Machine Using Arduino	Dr.N.Shanmugasundaram, EEE	2019-20	100000	97500
10	Mind-Body Synergy Therapy (MST)	Dr S.N. Sugumar, Economics	2019-20	100000	99700
11	Determination of Carbonyl and Organophosphorous Pesticides Using New Generation Materials	Dr. S. Meenakshi Chemistry	2019-20	100000	99800
12	Taste Masking Anti-Epileptic Ion-Exchange Resinates in Solid-State: Formulation of Liquid Suspension	Dr. Karthikeyan E Mrs. Sivaneswari S Pharmacy	2019-20	100000	98900
13	Automatic System for Grading Mangoes	Dr. V. Jayalakshmi Computing Sciences	2019-20	100000	98900
14	COVID-19 Early warning system (CO-EWS) for senior citizens at old age	Dr.G.Suseendran Dr.D.Akila Dr.K.Rohini Dr.S.Jeyalakshmi Computing Sciences	2019-20	100000	97890
15	Design of an auto coolant Smart Helmet with Biometric Authentication	Dr.K.Kalaiselvi, Dr.A.Akila Dr.R.Parameswari	2019-20	100000	99000

	thereof	Ms.R.Padma, Computer Science			
16	Real Time Intelligent parking system using Sensor.	Mrs.B.Rubini Mr.S.Pradeep Kumar Mr.S.Manoj EEE	2019-20	100000	97890
17	Spam reduction in Smart phones to resist it from Intruders	Dr. Meena M Ms. Rupa R Ms. Jayashree S Dr. Ravikumar D Dr. Rajendran V ECE	2019-20	100000	98900
18	Wearable Band for automatic detection of body temperature abnormality	Dr.S.Prasanna Dr.V.Jayalakshmi Dr.S.Jayalakshmi Computing Sciences	2019-20	100000	99600
19	Automated Phlebotomy Device	Ms.A.Keerthana, Ms.R.J.Hemalatha A.Jenkins Albert P.Mohamed Hasan Biomedical Dept.	2019-20	100000	98790
20	Vision Controller in Television Using Motion Detection	Dr.R.Priya Dr.V.Sumalatha Computing Sciences	2019-20	100000	96780
21	Role of Polio Virus antigen in Modulating the beta-cell autoimmunity in Type 1 Diabetes mellitus	Mrs.Manjula Devi.K Dr.Ramaiyan Velmurugan Mr.B.Rajashanmugam Pharmacy	2019-20	100000	99890
22	Integrated Multi-purpose field surveillance Robot for Military use	Dr.G.R.Jothilakshmi Mr. Vishal Mr.G.Vijayaraj ECE	2019-20	100000	97890
23	Development and Characterization of Squalene loaded Topical Emulgel Scaffold : Cellular proliferative	Dr.T.Shanmugarajan Mr.U.V.N.Venkata Arjun Mr.Kailai Selvan.N Pharmacy	2019-20	100000	96780
24	Multi-layered Graphene from Malus Domestica	Dr.Raghu Subash Chandrabose,	2019-20	100000	99500


	(Apple) Peel	Dr.R.A.Kalaivani, Dr.A.M.Shanmugaraj Sivakami.S.G. Thileep Kumar K (Chemistry)			
25	GPS Based Intelligent traffic control system (GIT-CS) Development for Ambulance	Dr.V.Rajendran Dr.B.Ebenezer Abhishek Mr.Saran Mr.M.Mohammed Rifkathakani (ECE)	2019-20	100000	99500
26	Apparatus for Screening, Evaluation and In Vitro- in Vivo Correlation of Anti-Diabetic Activity	Unnikrishnan Shyamala Jijith, Kannissery Promod, Dr.S.Jayakumari Dr.P.Shanmugasundaram (Pharmacy)	2019-20	100000	99500
27	Automatic Leaf Disease Detection using Smart Phone	Rangaraj D Rakkesh Roy Dr.Arockia Ranjini.A (CSE)	2019-20	100000	97850
28	Innovation on CNC Lathe Tool Post with Intelligent Cooling system by using Cryogenic Liquid Nitrogen(LN2) System	Dr.V.Muthuraman, Dr.C.Dhanasekaran, Dr.M.Chandrasekaran Mr.J.J.Jayakanth, Dr.R.Muraliraja Mr.S.Arunkumar Mr.T.Vinodkumar Dr.R.Sridhar (Mechanical)	2019-20	100000	98570
29	IOT Based Smart Stick for Blind Person	Dr.R.Balakrishna, Mr.S.Vinoba Mr.S.Promod Srinivasa Mr.R.Vignesh (CSE)	2019-20	100000	99500
30	Design and Fabrication of Battery –operated Electric Vehicle	Mrs.K.Sasikala Mrs.S.Ranjithkumar Mr.Y.Rupeshwar Mr.J.Jenson Ms.M.Kavitha (EEE)	2019-20	100000	97680
31	Recapture for Rapture –	Dr.Rajarethinam	2019-20	100000	

	The R Plus R Meditation	Emmanuel Economics			99560
32	Water Monitoring and Accessing System for Multistory Building	Mrs.P.Vijayalakshmi Mr.P.Venkatesh Mr.R.Sundar (ECE)	2019-20	100000	99670
33	Perduc crane	Dr.R.Anandan, Mr.B.S.Deepak, CSE	2019-20	100000	99500
34	Pressure Cooker LID Water spill absorber	Dr.S.Vasanth, MBA	2019-20	100000	99560
35	Retrieval of Medical data using Biometric systems and real time diagnosis	Ms.T.R.Thamizhvani Dr.R.J.Hemalatha, Biomedecial Engg.	2019-20	100000	97890
36	Self-recharging Power Bank	Dr.R.Anandan, Mr.B.S.Deepak, CSE	2019-20	100000	99500
37	Smart Shield for Women	Ms.Jaya Rubi Ms.K.Dhanalakshmi, Biomedical Engg.	2019-20	100000	98950
38	Antibacterial and Antifungal Activity and Nano Herbal Gel from the Ethanolic Extract of the Stem Bark of Bauhinia Variegata	Dr.Malarkodi Velraj Pharmacy	2019-20	100000	99500
39	Aqua Drone	Dr.R.J.Hemalatha Ms.A.Dhivya Mr.T.S.Aakash Naveen Mr.B.Rajesh Biomedical Engineering	2019-20	100000	99450
40	Combination of Bioflavonoids rutin and berberine Nano particular for its Anticancer activity	Mrs.J.Padmavathy Dr.M.Komala Dr.S.Sathesh Kumar Pharmacy	2019-20	100000	97680
41	Development of Lumefantrine loaded SEDDS : An attempt to improve the antimalarial	Dr.D.Akiladevi Mr.Digvijay Jena Dr.P.Shanmuga Sundaram Dr.S.Sathesh Kumar	2019-20	100000	99500

42	efficacy and overcome the resistance caused by P.Falciparum using Box-Behnken design Vehicle Access Control using BMT	Pharmacy Dr.R.Priya, Dr.V.Sumalatha, Computing Sciences	2019-20	100000	
43	Analysis of Stress level of Final year Computer Science Students of Indian Educational Institutions during Covid-19 Lock down period	Dr.G.Thailambal, Dr.S.Mangayarkarasi Dr.T.Sreekala Dr.S.Saradha Dr.R.Durga, Computing Sciences	2019-20	100000	98880
44	Deep Learning in Soil and Plant Disease with Nutrient Management	Dr.K.Priyadharsini Ms.Vanmathi.P Ms.Sharon Mary Alfrered CSE,	2019-20	100000	97860
45	Large-Scale Manufacturing and Recycle the Blister Packs waste into Value added Materials for Next	Dr.Raghu Subash Chandrabose, Dr.R.A.Kalaivani, Dr.A.M.Shanmugarajan Mr.Thileep Kumar Kumaresan, Sivagami.S.G Chemistry	2019-20	100000	99700
46	Pattern Recognition alorithm of Early Breast Cancer Detection in Mammogram Images and Cyst's Size Measurement in Sonomammogram Imaging through Physical Characteristics using Python	Dr.G.R.Jothi Lakshmi Dr.V.Rajendran ECE	2019-20	100000	98790

47	Secure Framework for Mitigation of Cloud Based EDOS Attacks	Ribin Jones S.B. Dr.N.Kumar CSE	2019-20	100000	98900
48	GMM Model based Anomaly Detection System for Intruding Objects	Ms.G.Shanmugapriya Dr,M.Latha Mr.K.Manoj Mr.P.Siva Prakash, CSE	2019-20	100000	97680
49	Novel Diatom Biosilica Nanoparticles as a Drug Delivery Carrier for Infectious Diseases : Development In-vitro, and In-vivo Chracterization	Dr.E.Karthikeyan Mrs.Sivaneswari.S Pharmacy	2019-20	100000	99500
50	Phytochemical Screening and Evaluation of Antifertility activities of Polygonum Glabrum in Female Albino rats	Dr.E.Bhavya Dr.K.Vivekanandan Pharmacy	2019-20	100000	98560
51	Smart Wearable Guiding Assistant(SWGA) for Visually Impaired	Dr.A.Vijayalakshmi Dr.V.Rajendran Dr.B.Ebenezer Abishek Dr.D.Ravikumar Mr.Tharun Kumar.S Mr.Aswin Balajee.M.S, ECE	2019-20	100000	98570
52	ZIKA Virus Prediction using IOT Tracking system	Dr.B.Mahalakshmi Dr.G.Suseendran, Computing Sciences	2019-20	100000	99500
53	A Multicomponent Synthesis of Dispiro-Acenapthenone-Dipyrroloperazine Scaffolds Through Dipolar Cyloaddition Methodology of Azomethine Ylides	Dr.Gavaskar.D Mr.Karunagar Badugu Chemistry	2019-20	100000	98970
54	Dual Accelerator for Bikes	Mr.Senthil Arumugam Mr.Jayakanth.J.J. Dr.M.Chandrasekaran Mechanical	2019-20	100000	99780

55	Identifying Structural of Chemical Bonds	Dr.S.Sathiya	2019-20	100000	99560
56	Voice Recognition based Automated Mixer Grinder	Dr.S.Prasanna Dr.K.Dharmarajan Dr.S.Vasantha, MBA Computing Sciences	2019-20	100000	98760
57	Wireless sensor devices in Traffic signal post for tracking vehicle using Artificial Neural Network	Dr.R.Gobinath Dr.S.Perumal Dr.As.Arunachalam Dr.R.Balamurugan Computing Sciences	2019-20	100000	98970
58	Evaluation of the Epoxy/Chitosan- Zinc Oxide Hybrid Nanoparticle composites as Flame Retardants (Individual)	Mandava V. Basaveswara Rao, Tentu Nageswara Rao, E. Susithra	2019-20	100000	99540
59	Bis(indolyl)hydrazide derivatives as anticancer Agents (Individual)	Reddymasu Sreenivasulu, Rudraraju Ramesh raju, Mandava V. Basaveswara Rao, E. Susithra	2019-20	100000	98970
60	Electrochemical In-situ Hydrogen storage for Nanoporous Carbonaceous and Metal-doped Carbonaceous Materials	Dr.Raghu and Team Chemistry	2019-20	100000	97670


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வேல்ஸ் அறிவியல் தொழில்நுட்ப உயர் ஆராய்ச்சி நிறுவனம்
(DEEMED TO BE UNIVERSITY Estd. by 3 OF THE UGC ACT, 1956)

NAAC ACCREDITED
PALLAVARAM - CHENNAI - INDIA

Mini Project Sanction Order

15.6.2018

I am by direction to inform you that the management had sanction seed grant for Mini Research project work for the following faculty members against their research proposal submitted during the year 2018-19. They are further requested to carry out the respective project with immediate effect and submit the report with the stimulated time period.

S. No	Project Title	Principal Investigator	Year of Project	Amount Sanctioned(INR)	Expenditure (INR)
1	Smart Secured Voice Control file finder using Internet of Things (IOT) for future generation.	Dr.T.Jaya ECE	2018-19	150000	148900
2	11-Alpha Acetoxykhivorin from Prawn Shell Waste	Dr.V.Vanitha, Biochemistry	2018-19	150000	149890
3	Process for treating sewage water treatment by Cationic coagulant	Dr.R.A.Kalaivani, Dr.Raghu, Dr.Shanmugaraj and Team, Chemistry	2018-19	150000	148760
4	Predicting the emotional states children with Austim Spectrum Disorder (ASD) using ECG signals.	Dr.Jeritta, ECE	2018-19	150000	149000
5	Deciphering the Anti-cancer Potential of Cymodocea	Dr.V.Vanitha Biochemistry	2018-19	150000	149000

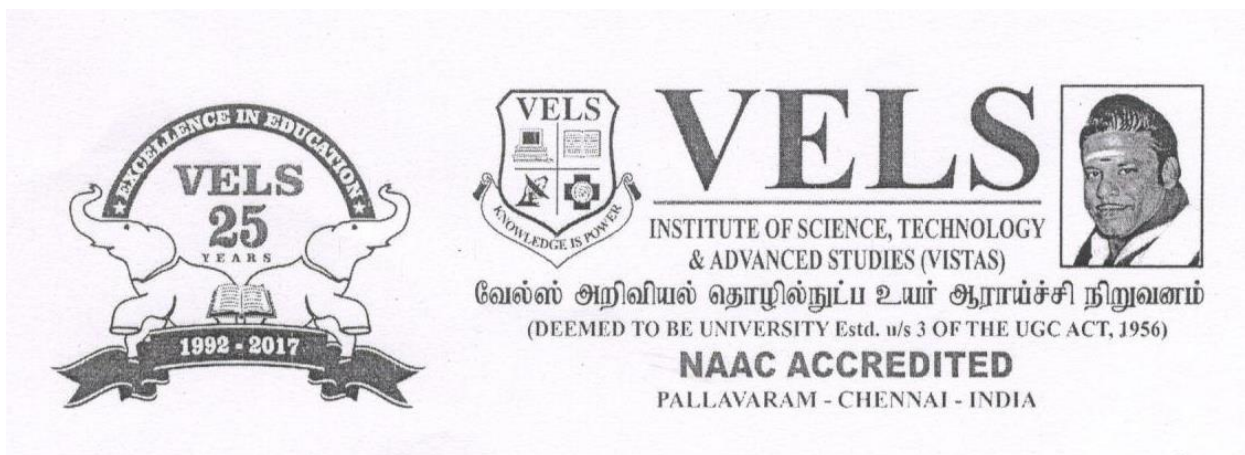
	Serrulata against Den induced Hepatocellular				
6	Windmill With Novel Blades/25-03	Dr. M. Chandrasekaran Mr.Shai Sundaram	2018-19	150000	149890
7	Mobile Anaerobic Digester/17-05	Dr. M. Chandrasekaran Mr.Shai Sundaram	2018-19	150000	149980
8	Helmet Visor With Spectacles/02-03	Dr. Varalakshmi	2018-19	150000	147850
9	Residence Mechanization IOT using 6LOWPAN	Dr. R.Anandan and Mrs. K. Kalaivani, CSE	2018-19	150000	147850
10	Smart parking system for Smart city by integrating IoT and cloud	Dr.R. Anandan, CSE	2018-19	150000	149890
11	Process on Image for Earthquake Damage Assessment	Dr. A. Prema, Dr. R. RenugaDevi Computing Sciences	2018-19	150000	149780
12	A system of oriented Medical Insurance prediction with machine learning Integrated IoT	Subrata Chowdhury (RS) Ramya.G Dr.P.Mayilvahanan, MCA	2018-19	150000	148760
13	Hepatoprotective Effect of the Seagrass-Enhalus Acoroides	Dr. V. Vanitha Dr. P. Amudha, Biochem.	2018-19	150000	149980
14	Rehabilitative Wheelchair for Disabled Dogs	Dr. Hemalatha Dr. E. N. Ganesh, Biomed.	2018-19	150000	147680
15	Bio Nano Composite Degradable Plastic	Dr. Thiruchelvi P. Jayashree, Biomedical	2018-19	150000	149890
16	Performance Study on Graphene Oxide Coated Zinc Anode Battery	Dr. M. Chandrasekaran Dr.S. Ramasubramanian Mechanical	2018-19	150000	149900

17	A Method to Enhance Blood Brain Barrier Permeability of Curcumin	Dr. R.Velmurugan K.Manjuladevi	2018-19	150000	149890
18	Controllable Synthesis of Defective Hard Carbon Material from Borassus Flabellifer Male Inflorescence for Advanced Electrochemical Energy Storage Applications and use thereof	Raghu Subash Chandrabose, Kalaivani Raman, Shanmugharaj Andikadu Masilamani, Thileep Kumar Kumaresan	2018-19	150000	149000
19	A Process for Biodiesel Concersion from waste Chicken Fat oil via Trans esterification Reaction	Dr.T.Somamathan Dr.M.Shanmugam Chemistry	2018-19	150000	148000
20	Pin Number Theft Recognition using Sixth Sense Technology	Mr.S.Pradeep Kumar Mrs.M.Suganiya Mrs.B.Rubini EEE	2018-19	150000	149900
21	Synthesis of 2-Chloro-4 Methoxy Benzilic Acid and its Biological Activity	Dr.R.Sudha Chemistry	2018-19	150000	147600
22	Unfolding type of gastro retentive film of anti-infentive agent: Formulation an optimization	Dr.E.Karthikeyan Pharmacy	2018-19	150000	148000
23	Synthesis, Characterization and Biological Evaluation of some new Quinolinyyl Chalcone Derivatives	Afroz Patan Pharmacy	2018-19	150000	149900

24	Development of Drug Delivery System for Helminthiasis	Dr.M.Komala, Dr.S.Satheeshkumar Mrs.J.Padmavathy Pharmacy	2018-19	150000	149900
25	Emergency Medical Kit Providing Robot	Dr.B.Usharani Biochemistry	2018-19	150000	147600
	Finger vein Authentication using LDC based on K-Means Classification	Ms.T.Jaya, Mr.S.Darshan, Ms.S.Hemapriya, ECE	2018-19	150000	145500
26	Integration of Digital TDS meter in Domestic RO Water Purifier	Dr.B.Usharani Biochemistry	2018-19	150000	146600
27	Mediating Role of Brand Awareness towards Consumer Product Knowledge and Consumer Buying Behaviour	Dr.S.Sudha, MBA	2018-19	150000	147880
28	Musa Bandaaid to Heal Burn Wounds	Ms.Keerthana.A Ms.Shweta Ashok Biomedical Engineering	2018-19	150000	149900
29	Perylene-di- imides Analogues as potent apoptosis inducer and Efficacious Anti-cancer agent	Dr.M.Vijeaanandhi Dr.P.Shanmugasundaram Pharmacy	2018-19	150000	148000
30	Pulse Rate Measurement using android Smartphone	Ms. V. Devaki Biomedical Engineering	2018-19	150000	146570
31	Reversal of Diabetic Retionopathy in Modified proliferative Diabetic Retinopathy Model in Rats using Traditional Plants	Dr.R.Gandhimathi Dr.A.Saravanakumar Pharmacy	2018-19	150000	148900

32	“Compressed Air production system for Automobiles	Vivek Palanisamy Dr. Chandrasekaran Manoharan	2018-19	150000	146570
33	2-aminophrimidine fused 7-azaindole derivatives as anticancer agents	Dr.E..Susithra, Pharmacy (Individual)	2018-19	150000	149000
34	Chithiram Idli Plates	Dr. R.Varalakshmi, Assoc. Professor – MCA (Individual)	2018-19	150000	147600
35	A Method for Synthesis of Elelctroactive-Nanoporous Carbon material from a Plant Fibre and use thereo.	Dr.Raghu, Dr.R.A.Kalaivani and Team, Chemistry	2018-19	150000	148800


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 Pallavaram, Chennai - 600 117.



02.01.2018

I am by direction to inform you that the management had sanction seed grant for Mini Research project work for the following faculty members against their research proposal submitted during the year 2017-18.

Sl. No.	Name of the Faculty	Department	Title of the Project	Amount (INR)	Expenditure (INR)	Year
1	Dr.A.M.Shanmugaraj (PI), Dr.Raghu Subash Chandrabose (Co PI -1), Dr.R.A.Kalaivani (CO- PI-2)	Chemistry	Development of Thermoelectric Materials for Waste Heat Recovery	150000	143000	2017-2018
2	Dr.G.Nithya	Chemistry	Development of Iron oxide Nanoconjugate with 2,2' - Dichloro Benzil and Assessment of its Biological Activity	100000	98000	2017-2018
3	Dr.R.Govinda Rao	Chemistry	Sol-gel Synthesis, Crystal Structure, Electronic, Magnetic and Optical Properties of New Series Nano Oxides	100000	97500	2017-2018

4	Dr.K.Selvakumari	Mathematics	Optimization Techniques	100000	98500	2017-2018
5	Dr.S.Paulraj	Physics	Achieving High Figure of Merit in Sn-Chalcogenides by Introducing Sn Vacancies for Thermoelectric Power Generation	100000	99500	2017-2018
6	Dr.N.K.Udaya Prakash	Biotechnology	Development of Nanosensor for Detection of Airborne Ammonia	150000	147000	2017-2018
7	Dr.V.Vanitha	Biochemistry	Isolation of Novel Phyto Compound from the Sea Grass Cymodocea Serrulata and Deciphering its Anticancer Potential by an In ViVo Approach	150000	145000	2017-2018
8	Dr.R.Sangeetha	Biochemistry	Understanding the Epigenetic Interventions by Luteolin in Diabetes - Implications on Toll like receptor and Associated Targets	100000	146000	2017-2018
9	Dr.K.G.Kripa	Biochemistry	Anti inflammatory and Antioxidant Potential of Caryota Urens : an in Vitro Study	100000	148000	2017-2018
10	Dr.Radha Mahendran	Bioinformatics	Experimental Validation and in Silico Analysis for Evaluating the Efficacy of Biomolecules	100000	98500	2017-2018

			from Anisomeles Malabarica (L) Against Mycobacterium Tuberculosis			
11	Dr.S.Prasanna (PI), Dr.R.Priya (Co-PI-1)	MCA	An innovative Design and Development of Application Model Oriented towards Stress Level Identification Using Facial Recognition and Mining Techniques	150000	147000	2017-2018
12	Dr.P.Sripriya (PI), Mr.S.Stephen Raj (Co-PI-1)	MCA	An Inventive Arrangement for Accident Prevention Detection and Caution	125000	124000	2017-2018
13	Dr.K.Kalaiselvi (PI)	Computer Science	Mobile Tracking System for Preventing the Propagation of Feminine Victim	125000	124500	2017-2018
14	Dr.V.Santhosh Kumar, (PI) Dr.T.S.Shanmugarajan (Co-PI)	Pharmacology, Pharmaceutics	Effect of N-Acetyl D-Glucosamine on STAT5B in Mice	50000	48500	2017-2018
15	Dr.Binoy Varghese Cheriyan	Pharmaceutical Chemistry	Understanding the Ayurvedic Wisdom of "Lsheerabala 101" for the treatment of neuropathy pain	50000	47950	2017-2018
16	Dr.A.Vijayalakshmi	Pharmacognosy	Development of Nanoparticles loaded Topical Gel Containing Plant Extract Targeting Inflammatory Cytokines for the Management of Psoriasis	100000	98500	2017-2018

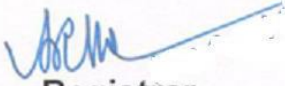
17	Dr.S.Jayakumari	Pharmacognosy	Standardization and Evaluation of a Transdermal Patch from Tannin Enriched Fraction of PSIDIUM GUJAVA Leaves for Wound Healing Activity	75000	74500	2017-2018
18	Dr.E.Susithra	Pharmacognosy	Bench Top Bioassay - An Animal Sparing Method for Screening Anti-Tumour Compounds	125000	124500	2017-2018
19	Dr.M.Vijey Aanandhi	Pharmaceutical Chemistry & Analysis	Prevalence of Hepatitis B Among Smear Positive Tuberculosis Patients in Rural TamilNadu - Is HbsAg a Pre-requisite Screening Tool in TB Diagnostics	100000	97500	2017-2018
20	Dr.P.Shanmugasundaram (PI), Dr.M.Vijey Aanandhi (Co-PI)	Pharmaceutical Chemistry & Analysis	Anti Cancer Terpenes from Hygrophila Auriculata for Cytotoxic Activity on Hep G2 Cell Lines and Aflatoxin, Diethylnitrosamine Induced Hepatocellular Carcinoma in Rats	100000	98500	2017-2018
21	Ms.S.Vijayalakshmi, Mr.Mark Keith Faraday, Mr.R.Bennet	HCM	Detection of Natural Antioxidants in Food Items by GCMS, HPLC and NMR Techniques and Evaluation of Antioxidant	100000	99500	2017-2018

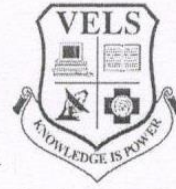
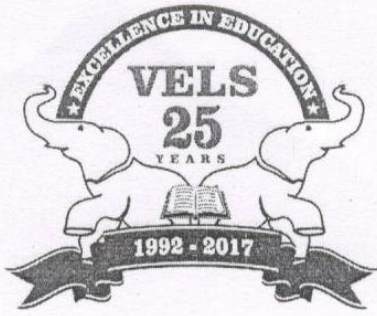
			Potential by In VITRO and IN SILICO			
22	Dr.T.Ilango (PI), Mr.P.R.Kalyan chakravarthy (Co-PI)	Civil Engineering	Durability, Strength and Binding Characteristics of Concrete Mix using Sea Water or Saline Water in Concreting	100000	99500	2017- 2018
23	Dr.R.A.Karthika	CSE	Intelligent Monitoring System for Swachh Bharat Abhiyan using Cloud Service	100000	98500	2017- 2018
24	Dr.N.Kumar (PI) , Mr.C.Swaraj Paul (PI), Mr.SB. Ribin Jones (Co-PI)	CSE	Pulse Monitoring Wearable Glove	30000	29500	2017- 2018
25	Dr.N.Kumar (PI), Mr.C.Swaraj Paul (PI), Mr.SB. Ribin Jones (Co-PI)	CSE	Smart Irrigation System Using IOT	40000	38500	2017- 2018
26	Dr.C.Dhanasekaran (PI) Dr.S.Sivaganesan,Dr.A.Part hiban (CO-PI)	Mechanical Engineering	Experimental Investigation of the effect of nano fuel additives on a C.I.engine using Biodiesel	100000	99500	2017- 2018
27	Dr.R.Pugazhenth	Mechanical Engineering	Development and Evaluation of 3D Bone Scaffolds Using UHMWPE Composite for Bio Implant Application	100000	98500	2017- 2018
28	Dr.L.Karikalan	Automobile Engineering	Concept of Designing, Building up and Fabricating an ATV(All-Terrain Vehicle) named as BAJA Vehicle	200000	198500	2017- 2018

29	Dr.P.Brindha Devi	Bio-Engineering	Development and in-Silico Studies on Natural Inhibitors for Antibacterial Drug Discovery	150000	147500	2017-2018
30	Ms.Josline Elsa Joseph (PI), Dr.R.J.Hemalatha (Co-PI)	Biomedical Engineering	Computer Aided Analysis of Cognitive and Behavioural Changes in Teenagers Practising Yoga as a part of Quality Improvement Program in Educational Institutes	100000	99000	2017-2018
31	Mr.P.Chandrasekaran	Biomedical Engineering	Non-invasive Diagnosis of Gastroparesis in Diabetic Patients using HR-MEGG	100000	98500	2017-2018
32	Dr.R.Krishnakumar (PI), Mr.N.AshokBabu, (Co-PI)	EEE	Indoor Localisation Using UWB Transceivers	50000	48500	2017-2018
33	Mr.S.Manoj (PI), Dr.R.Krishnakumar (Co-PI)	EEE	Design of Wireless Sensor Network Based Life Save System for Sewage and Manhole Operation	50000	49500	2017-2018
34	Dr.E.N.Ganesh (PI), Mr.S.PradeepKumar (Co-PI)	EEE	Highly Secured IoT Based Health Care System for Elderly People using Body Sensor Network	150000	148500	2017-2018
35	Dr.S.Vijay	BBA	A Study on the Buyers Behaviour of Residential Apartments in the Emerging Real Estate Development in	150000	149500	2017-2018

			TamilNadu			
36	Dr.G.Rajini (PI), Dr.G.Madhumita (Co-PI)	MBA (Integrated)	Role of Brands in Purchase of Over the Counter Medicines (OTC) Among New Age Indian Women	125000	124500	2017- 2018
37	Dr.S.Vasanth	MBA	Determinants of Mobile Wallet Adoption and its effect on Cashless Economy	30000	29500	2017- 2018
38	Dr.P.Shalini	MBA	A Study on Women Empowerment	50000	49500	2017- 2018
39	Ms.R.Nisha	MBA	Implementation of ERP in the Functional Departments of an Educational Institute	50000	48500	2017- 2018
40	Dr.S.N.Sugumar	Economics	Health Status and Academic Performance of Facultu Members in Higher Education ith Special Reference to VISTAS, Chennai 117	75000	73500	2017- 2018
41	Dr.P.G.Thirumagal (PI), Dr.G.Madhumita(Co-PI), Dr.V.Krishnapriya (Co-PI)	MBA	Impact and Awareness of Social Media on Students Academic Performance	35000	34500	2017- 2018
42	Dr.S.Preetha (PI)	MBA	Promotion of Solid Waste Management in Gated Communities in Chennai	125000	124500	2017- 2018

43	Dr.M.Chandrasekaran (PI) Mr.V.S.Shai Sundaram (Co-PI)	Mechanical Engineering	Development of Novel and Affordable Windmill for Domestic Application Encompassing Coastal Area in India	1,50,000	148500	2017- 2018
44	Dr. R. Anandan	CSE	Robosect	40000	39500	2017- 2018
45	Dr. R. Anandan	CSE	Safelet	20000	18500	2017- 2018


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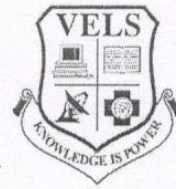
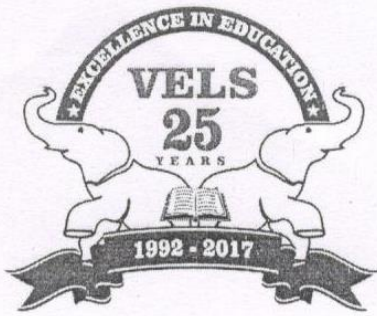
15.07.2016

I am by direction to inform you that the management had sanction seed grant for Mini Research project work for the following faculty members against their research proposal submitted during the year 2016-17.

S. No	Name of the Faculty	Amount (INR)	Expenditure (INR)	Year	Title of Project
1	Dr. S. Sathesh Kumar Pharmacy	200000	185000	2016-2017	Development of Nano drug delivery system for Brain disease
2	Dr. M. Chandrasekaran Mechanical	200000	190000	2016-2017	Design of Twin crown piston
3	Dr. S. Arun CS	200000	180000	2016-2017	AI based navigation system
4	Dr. V. Vanitha Biochemistry	36000	32000	2016-2017	Assessment of Anticancer potential of Annona reticulata
5	Dr. S. Raghu, Dr. R.A. Kalaivani Chemistry	300000	295000	2016-2017	Development of Prototype Vanadium Redox Flow Battery for Storage Applications

6	Dr. R. A. Kalaivani Chemistry	375000	363000	2016- 2017	Extraction of Precious Metals
7	Dr.Arun Raaza ECE	800000	789000	2016- 2017	Robot Sea Bot
8	Mr.Arun Raaza ECE	400000	375000	2016- 2017	Quadcopter design
9	Mr.Arun Raaza ECE	800000	798000	2016- 2017	Sensor based Roboit Navigation
10	Dr.R.A.Kalaivani Chemistry	800000	788000	2016- 2017	Energy based battery storage applications
11	Dr.R.A.Kalaivani Chemistry	600000	585000	2016- 2017	Fuel sotrage measurements on Lithium systems
12	Dr.V.Ravichandiran V.Lavakumar Pharmacy	410000	405000	2016- 2017	Gallic acid and its bio potencial of Acanthophora spicifera with Characterization
13	Dr.V.Ravichandiran Dr.N.Venkateshan Pharmacy	350000	335000	2016- 2017	Molecular Docking Novel Semicarbozone


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24.6.2015

I am by direction to inform you that the management had sanction seed grant for Mini Research project work for the following faculty members against their research proposal submitted during the year 2015-16..

S. No	Name of the Faculty	Amount (INR)	Expenditure (INR)	Year	Title of Project
1	Dr.V.Vanitha Biochemistry	100000	99500	2015-2016	Evaluation of anticancer potential of hydro leaf extract of Annona Squamosa on Hep G2 Cell lines via Caspase and PI-3 kinase / AKT
2	Mr.A.S.K.Sankar Pharmacy	30000	28650	2015-2016	QSRR Prediction and Analytical method development for Anti-Diabetic Drugs
3	Mr.Jose Prakash Pharmacy	75000	73770	2015-2016	Formation and evaluation of Galantamine Hydro-bromide loaded poly-metric nano particles for improved activity I dementia induced mice
4	Mr.Santhosh Kumar and Dr.A.Vijayalakshmi Pharmacy	100000	99500	2015-2016	Effect of N-Acetyl D-Clucosamine on STAT5B in mice
5	Dr.Jayakumari Pharmacy	100000	98670	2015-2016	Study of Bio-guided fraction of Indian Medicinal plants for inhibition of inflammatory cytokines for development of lead molecules
6	Dr.Vasantha and Ms.Vidya MBA	24000	23500	2015-2016	A study on the challenges of women self help group

7	Dr.Vasantha and Ms.S.Deepa, MBA	260000	255400	2015-2016	Challenges in Financial Inclusion
8	Ms.S.Preetha, MBA	200000	199500	2015-2016	Corporate Social Responsibility
9	Dr.R.A.Kalaiivanai Chemistry	200000	198500	2015-2016	Extraction of gold and other precious method from ewes serape
10	Dr. V.Vanitha Biochemistry	200000	197840	2015-2016	Anticancer potential of Agel Marmelosa
11	Dr. T. S. Shanmugarajan Pharmacy	200000	199500	2015-2016	AKT signaling pathway studies on methotrexate
12	Dr.N. Banu Ms.S.Pavithra Dr.K.Rajagopal Biotechnology	445000	435000	2015-2016	Chlorophyllin as an anticancer agent from Morindacitrifolia L.”
13	Dr.Dinakaran Micheal Dr.Seeli Balaji Microbiology	580000	576500	2015-2016	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”


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