

## **KARPAGAM ACADEMY OF HIGHER EDUCATION**

(Deemed to be University) (Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil Nadu, India. Phone: 0422 - 2980011- 14 | Fax: 0422 - 2980022 | Email : info@kahedu.edu.in

3.2.1 The e-copies of the grant award letters for research projects sponsored by non-government agencies for the past five years is enclosed as follows

S.No.,	Year	Page number	
1.	2019-2020	2-18	
2.	2018-2019	19-41	
3.	2017-2018	42-58	
4.	2016-2017	59-63	
5.	2015-2016	64-103	

001-mman REGISTRAR

OFA CBE-21

Karpagam Academy of Higher Education (Deemed to be University Under Section 3 of UGC Act 1956) Pollachi Main Road, Eachanari Post, Coimbatore - 641 021.

# 2019-2020

# SRIRAM ENGINEERING

Plot-8,Sri Ranga Layout -1 Nallam Palayam Coimbatote - 641 006 Admim.office 324/1C,Vishwanathapuram, Thudialur,Coimbatore -641 034 Phone:0422-2646601

> **Coimbatore.** 10/02/2020

To

The Registrar Karpgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir

SUB:Funding of Research Projects - reg.REF :Your Visit and Discussions .

It is a pleasure to note that KAHE is doing its level best to improve research activity. With the help of research and development only, we can invent new products. To encourage research, we have decided to support 105 projects of your teachers with a financial support of

Rs. 13,95,500/-. We are transferring the above amount by Karur Vysya Bank (KVB) RTGS No. 00111 Dt. 10.02.2020.

Kindly utilize this amount as support to do research projects and acknowledge the receipt.

Thanking you,

Yours faithfully, spalatentien

For Sriram Engineering

Scanned with CamScanner

### List of Sanctioned Projects

Sl. No.	Name of the Faculty	Name of the Project	
1	Dr. T. Sivaraman	A Brief Outlook on Cancers and Preventive Methods	
2	Dr. T. Sivaraman	A Computational Strategy to Predict Lethal Activity of Snake Venom Cardiotoxins	
3	Mr. J. Arun Prakash	A Study on the Effects of Heat Treatment on the Mechanical Properties of Aluminium Alloy (ADC 12) Reinforced with Iron Oxide (Fe2O3)	
4	Mr. G. Vignesh	Advanced Sensor Dynamic Measurement and Heuristic Data Analysis Model for Bridge Health Monitoring System	
5	Dr. M.R. Ezhilarasi	Antimicrobial and Anticancer Activities of 2-Pyrazoline Derivatives	
6	Mr. P.K. Miniappan	Application of Response Surface Methodology in Investigating Cladding of Aluminium using Gas Metal Arc Welding	
7	Mr. P.K. Miniappan	Application of Response Surface Methodology in Investigating Cladding of Steel using Gas Metal Arc Welding	
8	Dr. S. Baskar	Automatic Human Emotion Classification in Web Document Using Fuzzy Inference System (FIS): Human Emotion Classification	
9	Dr. R. Sundararajan	Behaviour of RC Beams with Ferro Cement Warp – An Experimental Investigation	
10	Dr. M. Siva Ramkumar	Bidding Strategy of Electricity Market Considering Network Constraint in New Electricity Improvement Environment	
11	Dr. M. Siva Ramkumar	Bidirectional Isolated DC-DC Converter for Hybrid Electric Vehicle Charging	
12	Dr. B.V. Pradeep	Bifidobacterium sp as Probiotic Agent - Roles and Applications	
13	Dr. N. Balasundaram	Bonding Characteristics of Water Hyacinth Ash on Concrete by Replacing Cement	
14	Dr. G. Emayavaramban	Brain Computer Interface for Neurodegenerative Person Using Electroencephalogram	
15	Dr. C. Rajkuberan	Carbon Nanotubes: Plant Gene Delivery and Genome Editing	
16	Mr. P. Paranthaman	Characterization of Economical Aluminium MMC Reinforced with Weld Slag Particles	

17	Dr. G. Emayavaramban	Classification of Eog Signal using Elman Recurrent Neural Network for Different Age Groups
18	Ms. V. Vijayalakshmi	Comparative Studies on Synthesized Silver Nanoparticles Using Artemisia Vulgaris Linn for the Antifungal Activity
19	Ms. K. Gayathri	Comparative Studies on Synthesized Silver Nanoparticles Using Cinnamomum Zeylanicum Nees., for their Antifungal Activity
20	Dr. M. Siva Ramkumar	Control of a Doubly Fed Induction Generator for Wind Energy Conversion System Using Matrix Converter with SVPWM Technique
21	Mr. B. Akilan	Control of Boundary Layer Build-Up in an Impeller
22	Dr. S. Manivannan	Crystal Growth Behavior and Phase Stability of Rare Earth Oxides (4 mol.% GdO1.5-4 mol.% SmO1.5) Doped Zirconia Nanopowders
23	Dr. N. Balasundaram	Deflection Behaviour of RC Beams using Reshaped Waste Tyre Rubber as Partial Replacement of Coarse Aggregate
24	Dr. C. Ramesh Kannan	Design and Analysis of Stringer on the Chassis Frame in Load Carrying Vehicle
25	Dr. G. Emayavaramban	Design and Electric Spring for Power Quality Improvement in PV-Based DC Grid
26	Mrs. P. Jayapradha	Design and Fabrication of Hydraulic Jack (Self Jacking)
27	Mrs. P. Jayapradha	Design and Fabrication of Gearless Transmission System
28	Dr. K. Balachander	Design and Hardware Implementation of Portable Generator using TEG
29	Mr. A. Sivanantham	Effect of ATIG Welding Process Factors on the Wear Behavior of AISI 316L
30	Dr. R. Sundararajan	Effect of Influence of Metakaolin and Shredded Plastic Waste on Strength and Durability Properties of M20 Grade Concrete
31	Dr. V. Kavimani	Effect of TiB2 on the Corrosion Resistance Behavior of In-Situ Al Composites
32	Mr. G. Jayabalaji	Effect of Titanium Dioxide (TiO2) Nano-Fluid on Performance and Emission Features of a Diesel Engine Operated on Alphanizomenon Flos Biodiesel - Diesel Blend
33	Mr. G. Jayabalaji	Effect of Nanomaterial on Performance and Emission Features of a Diesel Engine Operated on Aphanizomenon Flos Biodiesel-Diesel Blend

34	Mrs. P. Nagaveni	Electrical Energy Audit –An Experience in a Small Scale Textile Mill	
35	Dr. P.M. Gopal	Emission Evaluation on 3-Hole and 4-Holenozzle Diesel Engine with Jatropha and Pongamia (Karanja) Mixed Bio Oil	
36	Dr. K. Balachander	Energy Economy Recommendations in Textile Mill	
37	Dr. K. Balachander	Energy Saving Measures in Textile Mill	
38	Dr. K. Balachander	Energy Saving Measures in Dying industries	
39	Mr. V. John Paul	Environmental Impact of Dumping GGBFS on Lands in Coimbatore	
40	Dr. A. Thangamani	Essential Oil from the Seeds of Moringa Perrgrina: Chemical Composition and Antioxidant Potential	
41	Dr. M. Natarajan	Evaluating the Structural Performance of Self Consolidating Concrete Made with Concrete Debris as Aggregate	
42	Dr. N. Balasundaram	Evaluation of Concrete Using Reshaped Waste Tyre Rubber as Partial Replacement of Coarse Aggregate	
43	Dr. N. Balasundaram	Experimental Behaviour of Water Hyacinth Ash as Partial Replacement of Cement on Short Column	
44	Dr. N. Balasundaram	Experimental Investigation on Properties of Concrete by Replacing Cement with Water Hyacinth Ash	
45	Mr. R. Dineshkumar	Exploration of Microalgal Live Feed on Experimental Freshwater Fish (Hypophthalmichthys Nobilis) Culture	
46	Dr. R. Radhakrishnan	Exposure of Magnetic Waves Stimulates Rapid Germination of Soybean Seeds by Enzymatic Regulation in Cotyledons and Embryonic Axis	
47	Dr. P.M. Gopal	Fabrication and Characterization of Metal-High Entropy Alloy Composites	
48	Dr. A.R. Sumayya	Fourier Transform Infrared (FT IR) Spectroscopy High Performance Liquid Chromatography Analysis of Brassica Juncea (Mustard) and Silk Dyeing Effluent's Impact on the Spectral Studies	
49	Dr. S. Kamalraj	Frequency Domain Analysis for the Classification of Parkinson's Disease Patients	
50	Dr. S. Barathkumar	Growth Regulators Optimization for Shoot Induction and Regeneration of Tomato (Lycopersicum Esculentum Mill.)	
51	Dr. G. Emayavaramban	Hybrid Based Small Wind Generator with Boost Converter System	

52	Dr. S. Baskar	Hybrid Geometric Sampling and AdaBoost Based Deep Learning Approach for Data Imbalance in E-commerce	
53	Dr. A. Amudha	Hybrid Topology for Feature Extraction and Classification of Vision Based Hand Gesture Recognition	
54	Dr. R. Usha	Identification of Antibacterial Compound from Bacillus Horikoshii, Isolated from Rhizosphere Region of Alfalfa Plant	
55	Dr. A. Amudha	Implementation of Harmonic Mitigation of Grid Connected Modified MLI for Variable-speed Wind Energy Conversion System	
56	Dr. M. Natarajan	Importance of Morphometry Studies, Landform Processes using Remote Sensing and GIS for Tamiraparani Subbasin, Tirunelveli District, Tamil Nadu, India	
57	Dr. A. Sangilimuthu	In Vivo Anti-Cancer Potential of Pyrogallol in Murine Model of Colon Cancer	
58	Dr. V. Kavimani	Influence of Machining Parameters on Wire Electrical Discharge Machining Performance of Reduced Grapheme Oxide/ Magnesium Composite and its Surface Integrity Characteristics	
59	Dr. V. Kavimani	Investigating the Effects of Hybrid Reinforcement Particles on the Micro Structural, Mechanical And Tribological Properties of Friction Stir Processed Aluminium Surface Composites	
60	Dr. V. Kavimani	Investigating the Effects of Hybrid Reinforcement Particles on the Micro Structural, Mechanical And Tribological Properties o Friction Stir Processed Copper Surface Composites	
61	Dr. M. Natarajan	Investigation of Strength and Durability Properties of Fly Ash Based Geopolymer Concrete on Various Curing Techniques With M-Sand as Fine Aggregate	
62	Dr. G. Emayavaramban	Isolated Current-Fed AC to DC with Sepic Converter for Electric Vehicle Applications	
63	Dr. P.M. Gopal	Machinability Analysis and ANFIS modelling on Advanced Machining of Hybrid Metal Matrix Composites for Aerospace Applications	
64	Dr. R. Radhakrishnan	Magnetic Field Regulates Plant Functions, Growth and Enhances Tolerance Against Environmental Stress	
65	Mrs. P. Nagaveni	MATLAB/Simulink Analysis and Implementation of Fault Identification of EHV Lines Using Wavelet Transform Based FLC	
66	Dr. M. Siva Ramkumar	Modulation Techniques of the Matrix Converter Using RSV	
67	Dr. N. Balasundaram	Municipal Solid Waste Management System in Salem District	

4 of 7

68	Mrs. S. Divyapriya	Nano-Grid Smart Home with Plug-in Electric Vehicle using a Hybrid Solar-Battery Power Source	
69	Dr. A.R. Sumayya	Non Enzyme Antioxidant Activity of Selected Glvs Grown in Freshwater, Crude Silk Dyeing Effuent and Biotreated Effluent	
70	Dr. K. Sundaram	Novel Derivatives of Rhodanine-3-Hippuric Acid as Active Inhibitors of Aldose Reductase: Synthesis, Biological Evaluati and Molecular Docking Analysis	
71	Dr. M. Natarajan	Numerical Modeling on the Structural Performance of RCC Beams Made with SCC Produced by RCA as Coarse Aggregate	
72	Dr. G. Emayavaramban	Offline Study for Implementing Human Computer Interface for Elderly Paralysed Patients Using Electrooculography and Neural Networks	
73	Dr. K. Balachander	Optimal Design Choice and Investigation of Single Sided Linear Induction Motor	
74	Dr. P. Shanmughasundaram	Performance and Emission Characteristics of ACI Engine Fuelled With Diethyl Ether Blended Pongamia Bio Fuel	
75	Dr. M. Natarajan	Performance Enhancement of Concrete by Replacing Coarse Aggregate with Tyre Rubber: A Study	
76	Dr. M. Siva Ramkumar	Performance Evaluation of Modeling and Simulation of Higher Pulse AC-DC Converters for Improved Power Quality	
77	Mrs. P. Nagaveni	Performance Evaluation of Three Phase Shunt Active Power Filter in Power System Using Non-Linear Controller	
78	Mr. J. Prem Kumar	Phytochemical Analysis and Evaluation of Antioxidant and Antimicrobial Activity of Phyllanthus Emblica	
79	Mr. J. Prem Kumar	Phytochemical Analysis and Evaluation of Antioxidant and Antimicrobial Activity of Phaseolus Vulgari, and Indigofera Aspalathoides - A Step Toward Alternative Cure for Cancer	
80	Dr. C. Rajkuberan	Phytosynthesis and Characterization of Copper Oxide Nanoparticles Using the Aqueous Extract of Beta Vulgaries L.and Evaluation of their Antimicrobial and Anticancer Activities	
81	Mrs. P. Nagaveni	Power Quality Audit- An Experience in an Leading Engineering Industry	
82	Mr. R. Thangavel	Power Quality Recommendations in Mushroom Farm	
83	Dr. D. Jeba Sweetly	Preliminary Studies in Phytochemicals and Antimicrobial Activity of Solvent Extract of Medicinal Plant Lawsonia Inermis	

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84	Dr. M. Palaniswamy	Production And Optimization of Pterin Deaminase from Cyanide Utilizing Bacterium Bacillus Cerus AM12
85	Dr. G. Emayavaramban	Prospects of Electrooculography in Human-Computer Interface Based Neural Rehabilitation for Neural Repair Patients
86	Dr. R. Radhakrishnan	Psidium guajava Leaf Extracts and Their Quercetin Protect HepG2 Cell Lines Against CCL4 Induced Cytotoxicit
87	Dr. M. Palaniswamy	Purification and Characterization of $\beta$ -galactosidase from Newly Isolated Aspergillus Terreus (KUBCF1306) and Evaluating its Efficacy on Breast Cancer Cell Line (MCF-7)
88	Dr. K. Devaki	Screening and GC-MS Profiling of Ethanolic Extract of Tylophora Pauciflora
89	Dr. N. Balasundaram	Seismic And Structural Behavior of RCC Beams Made with Hybrid Fibre Reinforced Self Consolidating Concrete
90	Dr. K. Balachander	Simulation of Switched Capacitor Inverter Topology with Boost Facility International Journal of Recent Technology and Engineering
91	Dr. K. Balachander	Simulation of Switched Capacitor Inverter Topology with Boost Facility
92	Dr. G. Emayavaramban	Single Power-Conversion AC–DC Converter with High Power Factor Based On ZVZCS for DC Drive Applications
93	Dr. M. Siva Ramkumar	Stability Analysis of Grid Integration of Photovoltaic Systems Using Partial Power Converters
94	Dr. S. Manivannan	Stress Corrosion Cracking of AZ91 +XCE Alloy Using Proof Ring Test in ASTM D1384 and NaCl-K2CrO4 Solutions
95	Dr. R. Sundararajan	Structural Strengthening of Composite Beams Made with SCC and Cold Formed Steel Members
96	Dr. B.V. Pradeep	Studies on Phytochemical Screening and Antibacterial Activity of Rhizome Extracts of Coleus Forskohlii Briq
97	Dr. A. Thangamani	Studies on Some of the Improvised Energetic Materials (IEMs): Detonation, Blast Impulse and TNT Equivalence Parameters
98	Mr. J. Arun Prakash	Studies on the Effect of Turning Operation on Mean Cutting Force and Cutting Power of AISI 3415 Alloy Steel
99	Dr. M. Siva Ramkumar	SVPWM based Control of SCIG-Matrix Converter for Wind Energy Power Conversion System
100	Dr. A. Thangamani	Synthesis, Spectral, and Computational Studies of Some Energetic Picrates

101	Mrs. S. Divyapriya	Technical and Economical Analysis of Power Management System for Electric and Hydrogen Vehicles Charging Station Using Solar Powered, Hydrogen and Fuel Cell Technology
102	Dr. K.G. Dharani	The Delineation of Neck of Femur in Pelvic X-ray Images
103	Dr. K. Thirunavukkarasu	The Effect of Adding Magnesium to the Filler Material on the Tensile Properties of Tig Welded Aa 6082 Aluminium Alloy
104	Dr. V. Kavimani	WEDM Parameter Optimization for Silicon@r-GO/ Magneisum Composite Using Taguchi Based GRA Coupled PCA
105	Dr. M. Sridhar Muthusami	Zaleya Decandra Exerts Anti-Cancer Activity in HCT-116 Cancer Cells by Impairing Mitochondrial Activity



No.3, Sivasakthi Colony, Coimbatore - 21

#### 2 0422 - 2673093

20/03/2020

To

The Registrar Karapgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Breast cancer research by Dr.T.Sivaraman, we are sanctioning an amount of Rs.12,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

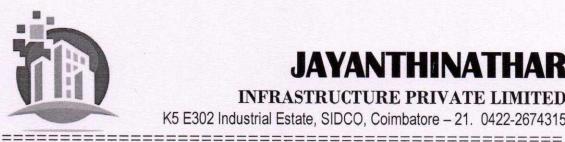
Yours faithfully,

For Karthik Enterprises

Vilagen.

Proprietor

Encl.: SBI Cheque No. 704671 20/3/2020



### **JAYANTHINATHAR**

**INFRASTRUCTURE PRIVATE LIMITED** 

K5 E302 Industrial Estate, SIDCO, Coimbatore - 21. 0422-2674315

21/03/2020

To

The Registrar Karpagam Academy of Higher Education Coimbatore - 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support paracetomol synthesis by Dr.K.Saravanan, we are sanctioning an amount of Rs.12,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For JAYANTHINATHAR INFRASTRUCTURE PRIVATE LIMITED

Rhade.

Director

Encl.:

HDFC Bank Cheque No. 000015 dated 21/3/20 for Rs.12,000/-

# Vaidyanath Pharma Distributors

S.F.No.333, Malumichampatty, Coimbatore Phone: 0422 - 2672627

20/03/2020

То

The Registrar Karapgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Anticolon cancer research by Dr.Sangilimuthu, we are sanctioning an amount of Rs.10,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For Vaidyanath Pharma Distributors

Proprietor

Encl.: IOB Cheque No. 547388 20/3/2020



# **KPGM POLÝCLINIC**

No.22, Masakkalipalayam Road, Peelamedu, Coimbatore – 641 004. Ø9843031667

18/03/2020

To

The Registrar Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Cervical Cancer Research by Dr.Sridhar Muthusamy, we are sanctioning an amount of Rs.12,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

2ph Mund

Encl.: LVB Cheque No. 162147 18/3/2020 Rs.12,000/-



## ARULNANDHISIVAM

INFRASTRUCTURE PRIVATE LIMITED

14A, LIC Colony, SIDCO, Coimbatore - 641 021. 0422-2674315

To

The Registrar Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support "Curcumin Production" by Dr.L.Hariprasath, we are sanctioning an amount of Rs.12,000/by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For ARULNANDHISIVAM INFRASTRUCTURE PRIVATE LIMITED

A-N. Swam

Director

Encl.: HDFC Bank Cheque No. 000007 dated 24/3/20 for Rs.12,000/-





21, Annai Indra Nagar, Sundarapuram, Coimbatore – 641021

22/03/2020

То

The Registrar Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Drug discovery project by Dr.T.Sivaraman, we are sanctioning an amount of Rs.12,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For UMAPATHYSIVAM INFRASTRUCTURE PRIVATE LIMITED

Assbeam

Director

Encl.: HDFC Cheque No. 000007 dated 23/3/20 for Rs.12,000/-

& Co., 21, Marimuthu Street, Othakkalmandapm, Coimbatore - 641 021.

<u>g</u>k

22/03/2020

To

The Registrar Karpagam Academy of Higher Education Coimbatore - 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Pancreatic Cancer Research by Dr. Rajasekar, we are sanctioning an amount of Rs.12,000/by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

JK Bharaitte

Encl.: IOB Cheque No. 437218 for Rs.12,000/-Dated 22/3/2020

### SIVA FURNITURE INDUSTRIES

No.50, Sainagar, Kurichi, Coimbatore - 641 024

☎0422-2672626

#### 24/03/2020

To

The Registrar Karapgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Cart T-Cell Therapy research by Dr.T.Soundarrajan, we are sanctioning an amount of Rs.11,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For Siva Furniture Industries

Proph Proprietor

Encl.: SBI Cheque No. 000169 / 24/3/2020 for Rs.11,000/-

### BANNARIAMMAN ENGINEERING INDUSTRIES (P) LTD.,

S.F.No.334, Pollachi Main Road, Malumichampatty, Coimbatore - 641021 Phone : 0422-2673094

19/03/2020

To

The Registrar Karapgam Academy of Higher Education Coimbatore - 641 021.

Dear Sir,

Sub: Research Project Assistance - Reg.

We come to understand that KAHE Cancer Research Centre is undertaking cancer research activities. To support Liver cancer research by Dr.T.Soundarrajan, we are sanctioning an amount of Rs.12,000/- by cheque.

Please acknowledge the receipt.

Thanking you,

Yours faithfully,

For BANNARIAMMAN ENGINEERING INDUSTRIES (P) LTD.,

Proprieto

Encl.: IOB Cheque No. 231127 for Rs.12,000/- dt. 19/3/2020

# 2018-2019

(3.2.1) (63)

From

V.Rajagopal

14A, LIC Colony, SIDCO, Coimbatore

To

#### The Registrar

Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

SUB : Endowment – Reg.

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Every year conduct Human Rights Day. Money to be used for giving lectures and prizes.

Thanking you,

Yours faithfully,

V. Rygm

V.Rajagopal

Enclosure:

Cheque No.385757SBI for Rs.1,40,000/-

From

Dr. R. Sundararajan, No. 6, Kumaran Nagar,

PNT Colony Road,

Koundampalayam,

Coimbatore – 641 030.

То

The President,

Karpagam Academy of Higher Education,

Pollachi Main Road, Eachanari – Post,

Coimbatore – 641 021.

Respected Sir,

Sub: Creation of endowment lecture on Gandhian Thoughts – donation – reg.

I am happy to donate ₹ 1,00,000/- for the creation of endowment lecture on Gandhian Thoughts. This amount may be kept in a fixed deposit and the interest accrued from the fixed deposit may be utilized for the endowment lecture on Gandhian Thoughts every year before Gandhi Jayanti.

Thanking you.

Yours faithfully,

Dr. R. Sundararajan

12.10.2018

From

G.Karthikeyan S/o, T.V.Ganesan, Agraharam, Thiruveelimilalai Thiruvarur District. Tamil Nadu

To

The Registrar Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

SUB : Creation of endowment lecture on "Kamaraj Day" Celebrations

3.2.1 ( 49)

I am happy to donate an amount of Rs.1,20,000/- for the creation of Corpus fund towards endowment lectures. This amount may be invested in a scheduled Bank and the interest may be utilized to deliver a lecture an Karma Veerar "KAMARAJ" every year on 15<sup>th</sup> July of the English calendar. If it is a holiday, the function may be held around that day and the interest must be used for the Kamaraj day celebrations.

Thanking you,

Yours faithfully,

G.Karthikeyan

Enclosure: IOB Cheque No.398417 for Rs.1,20,000/-

Coimbatore, 09.01.2019

From

Dr.S.Prabagaran, 2/82 – "Karpaga Priya Illam", Kanchi Maanagar, Vilankurichi post, Coimbatore – 641 035

To

The Registrar, Karpagam Academy of Higher Education, Coimbatore – 641 021.

KALJE

Dear Sir,

Subject: Endowment Creation - regarding

We express our heartfelt gratitude for giving me an opportunity to have an effective interaction with your faculty. It has been decided to celebrate every year 8<sup>th</sup> August "**Prof. C.K.Prahalad Memorial Endowment Lectures on Management**" here at **Karpagam Academy of Higher Education** to spread the message on the Themes and concepts of Management among the students. Celebration date is fixed based on the date of birth (ie 8<sup>th</sup> August 1941) of Prof. C.K.Prahalad. Herewith we enclose a cheque for Rs.1,00,000 /= (Rupees One Lakh only) as endowment fixed deposit and the interest out of this fixed deposit may be utilized to conduct this programme.

3.21. (54)

Thanking You, Yours faithfully

Dr.S.Prabagaran

Enclosure: IOB cheque # 398 745 dated 14.01.2019 for Rs.1,00,000/=

#### From

Karpagam Weaves (P) Limited, Coimbatore.

To

#### The Registrar

Karpagam Academy of Higher Education Coimbatore – 641 021.

Dear Sir,

# SUB :CONTRIBUTION FOR ENDOWMENTREF :OUR DISCUSSIONS

We are contributing an amount of Rs.1,00,000/- as endowment to spread the message of Tamil Saint Thiruvalluvar. The amount may be kept as a fixed deposit in bank and interest accruals may be utilized every year for delivering guest lectures and distributing prizes for those who are contributing to spread message of Saint Thiruvalluvar and Thirukkuaral.

Thanking you,

Yours faithfully,

8/1/20/8 (3.2.1) - 52

Enclosed: SBI Cheque No. 341663 for Rs.1,00,000/-

22.01.2019

From

Dr. S. Sudalaimuthu, No. 126, By Pass Road, Sri Ram Nagar, Kottaiyur, Karaikudi.

To

The President, Karpagam Academy of Higher Education, Coimbatore – 641 021.

Sir,

Sub: Creating endowment in the name of Sarvepalli Radhakrishnan - reg.

It is with pleasure, I would like to donate Rs. 1,00,000/- for instituting an Endowment in the name of Sarvepalli Radhakrishnan and the interest accrued may be utilized for Endowment Lecture on Teachers Day conducted on 5<sup>th</sup> September every year.

A cheque for Rs. 1,00,000/- drawn in favour of Karpagam Academy of Higher Education is enclosed.

Yours faithfully,

(Dr. S. Sudalaimuthu)

Encl:

A cheque bearing no. 689842 dated 22.01.2019.

B.2.12 -> 1112 HAHE mener Benerrence

#### From

K. Murugaiah C 467 Phase 2 Housing Unit Sidco Coimbatore - 641021

To

The President Karpagam Academy of Higher Education **Deemed to be University** Eachanari Post Coimbatore - 641021

Sir

Sub: Endowment for Best Outgoing Student Award and Lecture on Swami Vivekananda -Regarding.

I am happy to contribute a sum of Rs. 2,00,000/= (Rupees Two Lakhs only) towards creation of an Endowment in memory of my Mother and Father (Smt. Subbulakshmi –Shri. Karunanithi). I request the Deemed to be University may give an Award for the Best Out Going student every year and organize a Lecture on Swami Vivekananda by inviting eminent speakers

Regards

urs Sincerely (K. MURUGAIAH)

3/29/2019

Gmail - Fwd: Project assistance letter



wd: Project assistance letter nessage

anjula Ashok <manjudrashok@gmail.com> : senthil kumar <drvmsenthil@gmail.com> Dr. V. M. Senthilkumar <drvmsenthil@gmail.cor

Wed, Jun 13, 2018 at 6:17 F

From: Meatrust <meatrust@dataone.in> Date: Tue, Jun 12, 2018 at 11:16 AM Subject: Project assistance letter To: manjudrashok@gmail.com, Ashokigs2012@gmail.com

Ms.D.R.Manjula Karpagam Academy of Higher Education Coimbatore - 641 021

Dear Manjula,

We are happy to inform you that your project proposal entitled "The Impact of LPG cylinders in Rural Areas and to Bring out Smokeless Strategy in Rural Areas" has been approved by the Programme Advisory Committee for assistance. In this regard, kindly note that the grant amount will be released subject to the following terms & conditions:

1. The Research Project should be completed within a period of 12 months from the date of release of the first instalment of the financial grant.

2. The first instalment, i.e., 50% of the grant amount will be released as soon as we get approval from your guide. The second instalment, i.e., 30% of the grant amount will be released as soon as you submit your interim report and the final instalment of 20% will be released as soon as you submit your final report. You should submit ar Utilisation certificate for the total grant amount released after you complete the Project.

3. The financial grant will be released in your favour.

4. All non-consumables like books, journals and equipments, etc purchased from this financial grant should be given to the institution where the scholar working and entered in the stock register and a copy of such entries should be submitted to the Trust along with the U C.

5. The researcher should not publish the project in full or in parts without the permission of the M & E A Trust, Chennai.

Gmail - Fwd: Project assistance letter

Regards,

H B N Shetty

Executive Trustee



### MALCOLM & ELIZABETH ADISESHIAH TRUST \* Teaching & Research in Economics, Applied & Fundamental \*

No. 103 (Old no.42-45), Amrutanjan Complex, Luz Church Road, Mylapore, Chennal - 600.004 Dr.U.SANKAR

Chairman Dr.H.B.N.SHETTY, I.A.S., (Retd.) Executive Trustee

Phone: 24986229 Fax : 0091-44-24986229 E-mail : meatrust@dataone.in Web : www.meatrust.in

Ref:Instalments/Proposals 18-19

October 22, 2018

Ms.D.R.Manjula

Karpagam Academy of Higher Education

Coimbatore - 641 021

Dear Manjula,

This has reference to your project entitled, "The Impact of LPG cylinders in Rural Areas and to Bring out Smokeless Strategy in Rural Areas" submitted for assistance from Malcolm & Elizabeth Adiseshiah Trust. In this context your resource person, Dr. ManjulaMenon has recommended the release of grant to your project. We are enclosing herewith our Cheque No 936995 dated 22.10.2018 for Rs 50,000/- being the first instalment of grant released for your project. The second instalment will be released after you submit your interim report before 31st January 2019 to the Resource person and the final instalment will be released as soon as you submit your final Report to the Trust through your Resource person.

Kindly acknowledge receipt.

With Regards,

Yours Sincerely,

hug Dr.H B N Shetty Executive Trustee.

Encl: as above

CC to: Prof.Manjula Menon, Principal Scientist, Gender and Grassroots Institutions MSSRE, 3rd Cross Street Institutional Area, Chennai 600 113.

### ROOFTOP SOLAR POWER FOR E-BLOCK



Dr. V. Senthil Kumar Professor & HOD Department of Physics Karpagam Academy of Higher Education Coimbatore – 641 021

### KARPAGAM ACADEMY OF HIGHER EDUCATION DEPARTMENT OF PHYSICS ROOFTOP SOLAR POWER FOR E-BLOCK

#### INTRODUCTION

Rooftop solar power is an effective revolution due to the availability of high solar radiation and generation potential. Backed by favorable policies and generous incentives, India is all set to be one of the largest generators of solar power in the world. The sector led to significant socio-economic implications for India with job creation to empowerment of people in energy-starved regions of the country. Rooftop solar PV power plants play a vital role in bringing solar power both to regions having no grid power and developed urban centers that have grid power but not enough to support their rapid expansion. The transformation of dependence on conventional energy sources to renewable energy sources for electrical power production has provided not only the awareness about solar energy but also utilizing rooftop solar power to demonstrate that they are already part of the future.

Deploying rooftop solar power plants provide huge benefits to the institution, its faculty, students and to society to a large extent. The production of electrical power by harnessing solar energy can be grid interactive to minimize the consumption of electrical energy supplied by Electricity Board leading to cost effective means of revolution.

#### BENEFITS OF ROOFTOP SOLAR POWER

Solar energy is one of the alternative sources of energy for production of electricity especially in the institutes of higher education and is ideal candidate for rooftop solar power. The benefits of roof top solar power are

- (i) They have a large proportion of rooftop space in proportion to their energy consumption
- (ii) Their peak loads are often in the daytime, coinciding with peak solar generation
- (iii) Most of their electrical loads can be easily supported by solar
- (iv) Depending on their tariff, solar power may be even cheaper than grid power
- (v) Solar power is clean energy and offers an ideal opportunity for their students to learn the practical aspects of solar power

#### POWER FROM SOLAR PANEL

A 1 kW solar plant will generate about 4 kWh of electricity per day, on average over a year. The plant will generate more on some days than others, but 4 kWh/day is the typical expected generation for most of the places in India. A 1kW plant will generate about 1,460 kWh  $(4 \times 365)$  of AC power in the first year.

The solar panels will degrade and generation will reduce by approximately 1% every year. Therefore, a 1 kW plant will generate

Table 1. Power generation from a 1 kW rooftop solar plant

	Year 1	Year 2	Year 3	Year 4	••••	Year 25
Generation (kWh)	1,460	1,445	1,431	1,417		1,147

Shadow free area required for installing 50 kW plant in E-Block Roof is 2000 Sq.ft Cost of 50 kW solar plant is Rs. 26,00,000/=

Economical aspect of rooftop solar power instead of grid power

The cost effectiveness of rooftop solar power vs. grid power depends primarily on

- Current EB tariff
- Claiming accelerated depreciation

With accelerated depreciation

From accelerated depreciation, solar is likely to be more economical than grid power if effective EB tariff is greater than Rs. 7/kWh. If the EB tariff is less than Rs. 7/kWh, solar will be still cheaper than grid power on a case-to-case basis.

Roof area of E-Block for solar panels

For 1 kW solar panel, typically 100 Sq.ft of shade free rooftop space is required and the size of the roof can limit the size of the solar plant to be installed. The entire roof may not be available for the solar plant and may be limited by

- Space that is free of shadows throughout the year water tanks, chimneys, antennas, nearby trees, etc. can all cast shadows on the roof.
- Other uses for the roof e.g. temporary storage





### AQUASUB ENGINEERING



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

#### Coimbatore

10/10/2018

Borewell Submersibles Single Phase Domestic Pumps Single Phase Jet Pumps

To

The Registrar Karpgam Academy of Higher Education Coimbatore-641021.

**DearSir** 

SUB: Funding for Research- Reg. REF: Our discussion ==x==

We are pleased to sanction an amount of Rs.660225/-(Rupees Six Lakhs Sixty thousand Two hundred and Twenty five only) towards the funding for research of Karpagam Academy of Higher Education.

Please find enclosed our IOB Cheque No.057010 dated 9/10/2018.

Kindly acknowledge the receipt.

Thankingyou,

with regards, For Aquasub Engineering

Navender

T.Narendran Vicepresident (Finance & Administration)

### List of Projects

S. No.	Faculty Name	Project Name
1	Ms. A. Regisaral	A Compact Hexagonal Slot Wideband Antenna for Wireless Applications
2	Ms. R. Sindhu	A Comparative Study of Conventional Surveying Techniques With Total Station and GPS
3	Dr. N. Mohana Sundaram	A Hybrid Elman Neural Network Multiclass Classifier Using Soft-max Activation Function
4	Dr. N. Mohana Sundaram	A Hybrid Elman Neural Network Predictor for Time Series Prediction
5	Dr. P. Amudhavalli	A Novel Regression Neural Network Based Optimized Algorithm for Software Development Cost and Effort Estimation
6	Dr. P. Manimegalai	A Rough Set Calibration Scheme for Energy Effective Routing Protocol in Mobile Ad Hoc Networks
7	Dr. S. Bhavani	A Secure and Efficient Cluster Based Location Aware Routing Protocol in MANET
8	Dr. C. Rajakumar	A Study on Environmental Contamination at Coimbatore City and Assessment of Municipal Solid Waste Impact on the Soil Environment in Vellalore Dumping Yard, Coimbatore City, Tamilnadu, India
9	Dr. N. Balasundaram	A Study on Natural Disaster Impacts on Soil in Kattery Watershed Nilgiri District
10	Dr. R. Santhosh	A Survey on Cloud Security Issues in Cloud Computing
11	Lt. Dr. K.P. Sridhar	A Survey on Menstrual Health and Hygienic Sanitation
12	Dr. R. Santhosh	A Survey on Search Engine Optimization and Google's Search Engine Algorithms
13	Dr. B. Arunkumar	Adaptive Grey Wolf Optimization-Based Clustering for File De-duplication and Storage Optimization of Unstructured Data
14	Mr. M. Dharanikumar	Advanced Railway Track Crack Detection System
15	Dr. P. Amudhavalli	An Efficient Software Effort Estimation by Combining Neural Network and Optimization Technique
16	Dr. N. Mohana Sundaram	An Improved Elman Neural Network Classifier for Classification of Medical Data for Diagnosis of Diabetes
17	Mrs. P. Sasikala	Android Mobile Phone Controlled Bluetooth Robot Using Arduino

18	Dr. C. Rajakumar	Characterization and Effective Utilization of Coal Ash With Geosynthetics in Pavement Subgrade
19	Dr. S. Kamalraj	Classification of Emotional States in Parkinson's Disease Patients Using Machine Learning Algorithms
20	Dr. S. Bhavani	Combination of Grid and Force Based Sensor Deployment Method for Wireless Sensor Network
21	Lt. Dr. K.P. Sridhar	Comparative Study of Design and Analysis of Gripper Systems for Bore Well Rescue Operation
22	Dr. R. Santhosh	Comparisons With GA and SVMs
23	Mr. T. Mohanraj	Data Analysis for Decomposition and Classification of Diseased fMRI Brain Images
24	Mrs. K.S. Sindhu	Deduplication Analysis of Products in Digital Marketing
25	Dr. S. Baskar	Design and Implementation of Corrugated Circular Loop Antennas in Wireless Power Transfer Technology
26	Dr. P. Manimegalai	Detection and Separation of EEG Artifacts Using Wavelet Transform
27	Dr. S. Kamalraj	Development of Mobile Adhoc Network Using Leader Selection Algorithm
28	Dr. B. Arunkumar	Edge Aware Histogram Modification for High Capacity
29	Mr. K. Prasath	Effect of Carbide Inserts With Titanium Nitride Coating of Different Thickness on Machining Mild Steel
30	Mr. V. Venugopalan	Effect of Cowdung Blended With Food Wastes, Fresh Organic Wastes and Dry Organic Wastes on Biogas Production
31	Dr. P. Shanmughasundaram	Effect of Reinforcements on Micro Structure on Wear of Squeeze Cast Hybrid (ADC12-SiC-Fly Ash) Composite
32	Dr. P. Shanmughasundaram	Effect of Temperature, Particle Size, Load and Speed on the Dry Sliding Wear Behavior of Aluminium 8011- SiC Composites
33	Dr. N. Mohana Sundaram	Enhancement by LVQ Neural Networks
34	Dr. S. Kamalraj	Entropy Based Feature Extraction of Electrohysterogram Signal for the Prediction of Preterm Birth
35	Dr. N. Balasundaram	Evolving Cross-corrugated Cold Form Sheet Based Composite Slab Panel for Efficient PEB Construction
36	Mrs. M. Vidhya	Experimental Study on Self-curing Concrete Using Biomaterials as Admixtures
L	and a second	

r. R. Santhosh	Fault Tolerance and QoS Based Pervasive Computing Using Markov State Transition Model
r. P. Amudhavalli	Feature Selection Using Group Search Optimizer for Plant Leaf Classification
r. N. Balasundaram	Forecast and Prediction Analysis of Solid Waste Generation Rates Using Statistical Models in Salem City
r. S. Bhavani	Fuzzy Clustered Ant Based Cross Layered Wireless Multimedia Sensor Network for Quality of Service Parameter Optimization
r. P. Amudhavalli	Genetically Modified Glow-Worm Swarm Optimization Based Privacy Preservation in Cloud Computing for Healthcare Sector
or. S. Kamalraj	Human Epithelial Type-2 Cell Image Classification Using an Artificial Neural Network With Hybrid Descriptors
or. R. Thilagavathi	Identification of Scaffold for PIM1 Kinase Inhibition by Ligand Based Virtual Screening
1r. V. Venugopalan	Landslide Susceptibility Mapping and Assessment of Ketti Micro Watershed in Nilgiris District Using Remote Sensing and GIS Techniques
or. S. Baskar	Maintaining Security and Privacy in Health Care System Using Learning Based Deep-Q-Networks
۸rs. K.S. Sindhu	New Modified Framework for Mining Frequent Interaction Patterns Discovery From Human Meeting Database
0r. S. Bhavani	Optimization Before Biomedical Image Compression Using CLAHE and DCS
/ls. Megha J Prakash	Optimization of Digital Image Transfer: a Fusion of Prediction Error Clustering, Random Permutation and Gap Algorithm
Dr. S. Baskar	Optimized Direct Method Routing for Cache Memory in Risc Architecture
Dr. P. Shanmughasundaram	Performance Analysis of a Variable Compression Ratio CI Engine Using Pongamia Pinnata Bio Fuel
Dr. M. Makeswari	Photocatalytic Degradation of Azo Dye by Green Synthesized Copper Oxide Nanocatalyst
Dr. B. Arunkumar	Prediction of Power Generation and Power Consumption in the Region of Tamil Nadu
	r. P. Amudhavalli r. N. Balasundaram r. S. Bhavani r. S. Bhavani r. P. Amudhavalli r. P. Amudhavalli r. S. Kamalraj r. R. Thilagavathi lr. V. Venugopalan r. S. Baskar. lrs. K.S. Sindhu r. S. Bhavani ls. Megha J Prakash r. S. Baskar or. S. Baskar

53	Dr. R. Santhosh	Probability Based Adaptive PSO With Dynamic Resource in Pervasive Environment for Wireless Network Communication
54	Dr. S. Baskar	Reducing Voltage Fluctuation for Photovoltaic Systems Using MPPT Technique for Interleaved Soft Switching Boost Converter
55	Dr. B. Arunkumar	Reversible Data Hiding
56	Dr. N. Mohana Sundaram	Soft Max Activation Function for Neural Network Multi Class Classifiers
57	Mrs. V. Nandhini	Sparse Channel Estimation of MIMO OFDM System Using LS and MMSE Method
58	Dr. R. Sundararajan	Study on Disposal of Effluent Treatment Plant Sludge of Tirupur Textile Processing Industries
59	Dr. R. Thilagavathi	Synthesis, Evaluation of Cytotoxic Properties of Promising Curcumin Analogues and Investigation of Possible Molecular Mechanisms
60	Lt. Dr. K.P. Sridhar	The Butterfly Effects on Indian Roads
61	Dr. R. Santhosh	Time Orient Trust Based Hook Selection Algorithm for Efficient Location Protection in Wireless Sensor Networks Using Frequency Measures
62	Dr. B. Arunkumar	Types of Alzheimer's vs. Tumors Using SOFM
63	Dr. M. Natarajan	Utilization of Flyash and ETP Sludge in Concrete With Addition of Banana Fibre
64	Dr. P. Amudhavalli	Wavelet- Based Weighted Median Filter for Image Denoising of MRI Brain Images
65	Dr. P. Amudhavalli	Wavelet-based Weighted Median Filter for Image Denoising of MRI Brain Images
66	Dr. B. Arunkumar	Web Page Recommendation System Using Laplace Correction Dependent Probability and Chronological Dragonfly-Based Clustering



Borewell Submersibles Single Phase Domestic Pumps Single Phase Jet Pumps



AQUASUB ENGINEERING



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

#### Coimbatore

16/08/2018

То

The Registrar Karpgam Academy of Higher Education Coimbatore – 641 021.

**Dear Sir** 

SUB: Research Funding for KAHE- Reg.

REF: Our discussion

We are pleased to sanction an amount of Rs.1387000/- (Rupees Thirteen Lakhs and Eighty thousand only) towards the research activities of expenses of Karpagam Academy of Higher Education.

==x==

Please find enclosed our IOB Cheques No.055628 dated 14/08/2018 to meet the fundamental research expenses of institution.

Kindly acknowledge the receipt.

Thankingyou,

with regards, For Aquasub Engineering

Novendrow

T.Narendran Vicepresident (Finance & Administration)

#### List of Projects

S. No.	Faculty Name	Project Name
1	Dr. T. Genish	A Cluster Based Technique to Segment the Hippocampus From T2-weighted MRI of Human Head Scans
2	Dr. S. Hemalatha	A Gradient Based Approach for Fingerprint Image Segmentation Using Morphological Operators
3	Dr. R. Gunasundari	A Novel Approach for Preventing DOS Attack in Duplicate Address Detection of IPV6
4	Mrs. D. Manjula	A Performance Analysis of Clustering Based Algorithms for the Microarray Gene Expression Data
5	Dr. E.J. Thomson Fredrik	A Secure Data Transmission in a Cloud Environment Using Enhanced Code Certification and Authentication Technique
6	Dr. M. Siva Ramkumar	A SMES/Battery Supported Dynamic Voltage Restorer System for Three Phase System Using Stage Hybrid Conversion Method
7	Dr. D. Shanmuga Priyaa	A Study of Audio File Formats
8	Dr. R. Gunasundari	Adaptive Feature Selection Method Based on Particle Swarm Optimization for Gastric Cancer Prediction
9	Dr. M. Makeswari	Adsorption Isotherm and Kinetic Studies Onto Removal of Reactive Yellow-14 Dye by Using Ixora Coccinea Leaf Powder
10	Dr. R. Usha	Aerobic Batch Degardation of Cresol by Newly Isolated Pseudomonas Monteilii Cr13
11	Dr. S. Saira Banu	An Enhanced Energy Efficient Secure Multipath Routing Scheme for Wireless Sensor Networks
12	Dr. D. Shanmuga Priyaa	An Evolutionary Approach on Students Performance Prediction and Classification
13	Dr. S. Saira Banu	An Improved Technique for Hiding Secret Image on Colour Images Using DWT, DCT, SWD
14	Dr. S. Veni	An Improved Trust Depending Cluster Communication Using Multi Point Access Optimization Algorithm in MANET
15	Dr. P. Rajiv	An Investigation of Textile Wastewater Treatment Using Chlorella Vulgaris
16	Dr. D. Shanmuga Priyaa	An Optimized Approach for Record Deduplication Using Fuzzy BAT Algorithm

17	Dr. R. Gunasundari	An Optimized Feature Selection Using Fuzzy Mutual Information Based Ant Colony Optimization for Software Defect Prediction
18	Dr. S. Manju Priya	Analysis of Homomorphic Encryption Schemes and Algorithms for Data Security in Cloud Computing
19	Dr. A. Amudha	Analysis of New Novelty Multilevel Inverter Configuration With Boost Converters for a Photovoltaic System With MPPT
20	Dr. P. Srinivasan	Anti-Quorum Sensing Potential of Limonia Acidissima(L) Against Vibrio Harveyi KUMB-VA4
21	Dr. M. Kulandhaivel	Antibacterial Efficacy and Minimum Inhibitory Concentrations of Medicinal Plants Against Wound Pathogens
22	Dr. R. Usha	Antibacterial Finish for Cotton Fabric From Actinomycetes Isolated From Forest Soil
23	Dr. C. Rajkuberan	Antimicrobial and Larvicidal Activity of Eco-friendly Silver Nano Particles Synthesized From Endophytic Fungi Phomopsis Liquidamabris
24	Dr. S. Saira Banu	Applications of Highly Secured Wireless Sensor Networks
25	Mrs. P. Nagaveni	Automatic Frequency Response for Autonomous Distributed V2G (Vehicle-to-Grid) Using IoT Technology
26	Dr. E.J. Thomson Fredrik	Avoidance of Malicious Nodes in Mobile Adhocnetworks Using Behavioural Trust Detection and Prevention Framework
27	Dr. S. Manju Priya	Big Data Analytics in Healthcare and Delve Bioinformatics Data Space for Health Amelioration
28	Dr. R. Usha	Bio-augmentation – Effective Method of Treating Plastic Waste – A Field Study
29	Dr. G.R. Prabu	Biochamical and Molecular Studies on the Resistance Mechanism in Tea [Camellia Sinesis (L.) O. Kuntez] Against Blister Blight Disease
30	Dr. R. Usha	Biodegradation – Boon for Mitigating the Polyethylene Waste
31	Dr. A.R. Sumayya	Biometric Analysis and Phyto Hormone Production in Sesbania Grandiflora Rhizosphere Soil With Biotreated Pseudomonas Fluorescence and Azospirillum Silk Dyeing Effluent
32	Dr. P. Rajiv	Biosynthesis and Characterization of Iron Oxide Nanoparticles Using Eichhornia Crassipes Leaf Extract and Assessing Their Antibacterial Activity

33	Dr. P. Rajiv	Biosynthesis and Characterization of Iron Oxide Nanoparticles Using Eichhornia Crassipes Leaf Extract and Assessing Their Antibacterial Activity
34	Dr. C. Rajkuberan	Carica Papaya (Papaya) Latex: a New Paradigm to Combat Against Dengue and Filariasis Vectors Aedes Aegypti and Culex Quinquefasciatus (Diptera: Culicidae)
35	Dr. M. Siva Ramkumar	Cascade Cockcroft-walton Voltage Multiplier Applied to Transformerless High Step-up DC-DC Converter
36	Mr. M. Sumesh	Characterization and Effective Utilization of Coal Ash With Geosynthesis in Pavement Subgrade
37	Dr. M. Palaniswamy	Characterization of Crude and Partially Purified Thermo Active and Thermo Stable Alkaline Protease Produced by Bacillus Cereus FT1
38	Dr. M. Palaniswamy	Characterization of Pterin Deaminase From Mucor Indicus MTCC 3513
39	Dr. S. Ravi	Chemical of Cyanthillium Cinereum (L.) H. Rob Essential Oil and Its Molecular Docking Study Against Bacterial Proteins
40	Dr. P. Rajiv	Chlorella Vulgaris Dpsf 01: a Unique Tool for Removal of Toxic Chemicals From Tannery Wastewater
41	Dr. G. Emayavaramban	Classification of Hand Gestures Using FFNN and TDNN Networks
42	Dr. R. Sundaraganapathy	Clinical Evaluation of Knowledge and Attitude Among Garments Dust Induced Bronchial Asthma in Tertiary Care Hospitals in Coimbatore Zone
43	Dr. S. Manju Priya	Comparative Analysis of Homomorphic in Cloud Computing
44	Dr. S. Veni	Comparing and Analysis of Routing Protocol in QoS of IoT
45	Dr. T. Sivaraman	Computational and in Vitro Insights on Snake Venom Phospholipase A2 Inhibitor of Phytocompound Ikshusterol3-O-glucoside of Clematis Gouriana Roxb. Ex DC.
46	Ms. K. Banuroopa	Cyber Crime Threads on Mobile Devices
47	Dr. P. Tamilselvan	Data Integrity, Compression and Security in Cloud: A Survey
48	Dr. M. Makeswari	Degradation of Methylene Blue by Chitosan Alumina Composite Using Sunlight Irradiation

49	Dr. K. Balachander	Design and Analysis of Adaptive Fuzzy Controller for BLDC Motors With Solar PV
50	Mrs. S. Divyapriya	Design and Implementation of Grid Connected Solar/Wind/Diesel Generator Powered Charging Station for Electric Vehicles With Vehicle to Grid Technology Using IoT
51	Dr. M. Siva Ramkumar	Design and Implementation of Series Z-Source Matrix Converters
52	Mrs. S. Divyapriya	Design and Performance Analysis of Novel Three Port Converter for MPPT Using PAO Technique With PV System
53	Dr. S. Saira Banu	Design of Quantum Circuit Using Second Order Poisson Equation for Quantum Imaging
54	Mr. K. Kathirvel	Different Routing Attacks and Its Solutions in MANET
55	Dr. S. Manju Priya	Disease Risk Prediction Using Weighted Ensemble Neural Network in Healthcare for Data Analytics
56	Dr. L. Hariprasath	Do Culinary Mushrooms Have Fibrinolytic Activities?
57	Dr. M. Siva Ramkumar	Dtc-svm Management of Induction Machine Fed by 3 Level NPC Matrix Convertor
58	Dr. S. Manivannan	Effect of Nd on the Microstructure and Corrosion Behavior of Mg-9li- 3al Magnesium Alloy in 3.5 Wt.% NaCl Solution
59	Dr. P. Rajiv	Effect of Parthenium Based Vermicompost and Zinc Oxide Nanoparticles on Growth and Yield of Arachis Hypogaea L. In Zinc Deficient Soil
60	Dr. P. Tamilselvan	Effective Framework for Leakage Pattern Identification
61	Dr. R. Gunasundari	Effective Prediction of Web Personalization Using Collaborative Filtering Method
62	Dr. D. Shanmuga Priyaa	Emerging Data De-duplication Approach Using Clonal Selection in Cloud Data Storage
63	Dr. R. Gunasundari	Emerging Issues in Managing Human Resources in Virtual Organization
64	Dr. S. Veni	Enhanced Energy Steady Clustering Using Convergence Node Based Path Optimization With Hybrid Chicken Swarm Algorithm in MANET
65	Dr. A. Amudha	Enhancing the Efficiency of Wind Power Using Hybrid Fire Fly and Genetic Algorithm - Economic Load Dispatch Model

66	Dr. E.J. Thomson Fredrik	Ensemble System Using Hybrid Next Webpage Prediction Algorithm Combining Clustering, Markov Model With Associative and Longest Common Subsequence Classifiers
67	Dr. A. Sangilimuthu	Enzyme-enhanced Extraction of Camptothecin and Its Anticancer Activity on Breast Cancer Cell Line
68	Dr. M. Kulandhaivel	Evaluation of Antimicrobial Activity and Minimum Inhibitory Concentration of Ethanolic Extract of Three Medicinal Plants Against Bacteria Causing Skin Infection
69	Dr. R. Usha	Evaluation of the Antimalarial Potential of Streptomyces sp.
70	Dr. D. Shanmuga Priyaa	Evolving Intuitionistic Fuzzy Rule Based Security Attack Detection in Wireless Sensor Networks
71	Mr. M. Siva Ramkumar	Execution Examination of a Three Phase Ac to Three Phase Ac Matrix Converter Using Distinctive Transporter Based Exchanging Algorithms
72	Dr. A.A. Arunkumar	Fresh Water Fish Fauna of Rivers of the Southern Western Ghats, India
73	Dr. A.R. Sumayya	Functional Group and Compounds Analysis Using Chromatographic and Spectroscopic Techniques of Untreated and Bio Remediated Silk Dyeing Effluent
74	Dr. P. Tamilselvan	Gaussian Distributed Binary Principal Component for Text Categorization
75	Dr. P. Tamilselvan	Heterogenous Multi Class Clustering in Relational Medical Dataset
76	Dr. A.R. Sumayya	Histological Studies of the Leaf Tissue in Selected GLV's of Fresh Water, Crude Silk Dyeing Effluent and Biotreated Effluent
77	Dr. R. Usha	Identification and Characterization of Cresol Degrading Pseudomonas Monteilii Strain SHY From Soil Sample
78	Dr. T. Sivaraman	Identification of 2,4-dihydroxyl -5-pyrimidinyl Imidothiocarbomate as a Novel Inhibitor to Y Box Binding Protein(YB-1) and Its Therapeutic Actions Against Breast Cancer
79	Dr. S. Rajamanikandan	Identification of Anti-filarial Leads Against Aspartate Semialdehyde Dehydrogenase of Wolbachia Endosymbiont of Brugia Malayi: Combined Molecular Docking and Molecular Dynamics Approach
80	Dr. K. Devaki	Identification of Secondary Metabolities in the Ethanolic Extract of Erythina Variegata L. Leaves by Using HPTLC Method

81	Dr. R. Usha	Immobilization of Cells Using Sodium Alginate for Enhanced Productivity of Antimicrobial Compound
82	Dr. E.J. Thomson Fredrik	Implementation of Security Using mCL-PKE and Identity Based Syncryption
83	Dr. R. Usha	Impregnation of Urinary Catheters Using Antimicrobials From Streptomyces sp ABK 07 for Urinary Tract Infection Resistance
84	Dr. R. Gunasundari	Improved C4.5 : an Agent-based Supply Chain Management System
85	Dr. S. Manju Priya	Improved Malaria Prediction Using Ant Colony Feature Selection and Random Forest Tree in Big Data Analytics
86	Dr. S. Barathkumar	In Silico Characterization of Rhizome Coding Genes in Ginger and Bamboo
87	Dr. M.R. Ezhilarasi	In Vitro Antimicrobial Activity and in Silico Activity of 1- Thiocarbamoyl Substituted Pyrazole Derivatives
88	Dr. K. Devaki	In Vitro Antioxidant Potential of Euclea Crispa (Thunb.) Leaf Extracts
89	Dr. P. Tamilselvan	Index Split Decision Tree and Compositional Deep Neural Network for Text Categorization
90	Dr. A. Sangilimuthu	Influence of Macerating Enzyme- Cellulase on the Extraction of Valuable Compounds: Carotenoid and Camptothecin
91	Dr. A. Amudha	Intelligent Power Tracking Algorithm Using ANFIS and ZETA Converter
92	Dr. M. Kulandhaivel	Isolation Identification and Antibiotic Sensitivity Pattern of Pyogens From Pyogenic Pathogens
93	Dr. A. Sangilimuthu	Isolation, Identification, Screening and Optimization of Pectinase Producing Soil Fungi (Aspergillus Niger)
94	Dr. P. Rajiv	Lantana Aculeate L. Mediated Zinc Oxide Nanoparticles-induced DNA Damage in Sesamum Indicum and Their Cytotoxic Activity Against SiHa Call Line
95	Dr. A. Thangamani	Manganese (lii) Acetate Synthesis of 3- arylsulfienylindoles and Evaluation of Their Antibacterial Activity
96	Ms. S.A. Sathya Prabha	Mastercard Frauds in Wireless and Mobile Computing

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97	Dr. G. Emayavaramban	Maximum Power Point Tracking Strategy for a New Wind Power System With Super Capacitor Connected Photovoltaic Power Generation System and Supported to a Distribution Power Grid
98	Dr. A. Sangilimuthu	Medicinal Herbs for Urolithiasis
99	Dr. G. Emayavaramban	Modeling, Design and Implementation of a Power Conversion System for WECS by Using Fuzzy Based MPPT
100	Dr. R. Usha	Modification of Urinary Catheters Using Antimicrobials From Streptomyces sp. abk 07 for Urinary Tract Infection Resistance
101	Dr. S. Ravi	Molecular Docking Studies of 3-α-carboxy Ethyl Rhodanine and 3-α-carboxy Methyl Rhodanine Against T315i BCR-ABL and HPV 16
102	Dr. S. Ravi	Molecular Docking Studies of the Constituents Present in the Essential Oil of Plectranthus Hadiensis Against Anxiety Protein
103	Dr. M.R. Ezhilarasi	Molecular Docking Study of Novel Synthesized Pyrazole Derivatives and Their Antibacterial Activity
104	Dr. A. Sangilimuthu	Mosquito Larvicidal and Antimicrobial Properties of Phyto-synthesized Silver Nanoparticle From Aqueous and Methanol Extracts of Wrightia Tinctoria Leaves
105	Dr. K. Balachander	Non Isolated Interleaved Cuk Converter for High Voltage Gain Applications
106	Dr. S. Hemalatha	Nur Algorithm on Data Encryption and Decryption
107	Dr. A.R. Sumayya	Occupational Genotoxicity in Building Construction Worker Exposed to Polycyclic Aromatic Hydrocarbon in and Around Coimbatore
108	Dr. C. Rajkuberan	One Pot Green Fabrication of Metallic Silver Nanoscale Materials Using Crescentia Cujete L. And Assessment of Their Bactericidal Activity
109	Dr. R. Usha	Optimization of O-cresol Degrading Pseudomonas Monteilii CR13 and Kinetics of Degradation
110	Dr. B.V. Pradeep	Optimization of Physical and Cultural Conditions of Fibrinolytic Enzyme From Bacillus Altitudinis S-CSR 0020
111	Dr. M. Makeswari	Photocatalytic Degradation of Methylene Blue Dye Using Chitosan Silica Composite
112	Dr. M. Makeswari	Photocatalytic Degradation of Vat Red 13 by Green Synthesized Copper Oxide Nanocatalyst

113	Dr. K. Devaki	Phytochemical Screening and in Vitro Antioxidant Activities of Ethanolic Gel Extract of Aloe Adigratana Reynolds
114	Dr. K. Devaki	Phytochemical Screening and in Vitro Antioxidant Activities of Senna Singueana Leaves
115	Dr. K. Devaki	Phytochemical Screening and in Vitro Antioxidants Activities of Ethanolic Extract of Acokanthera Schimperi Leaves
116	Dr. R. Gunasundari	Plant Yield Prediction Model Using Firefly Based Feature Selection With Modified Fuzzy Cognitive Maps
.117	Mrs. P. Nagaveni	Power Quality Improvement and Reactive Power Compensation Using Enhanced Sliding Mode Controller Based Shunt Active Power Filter and Static VAR Compensator
118 -	Dr. R. Usha	Prevalence and Risk Factors of Hepatitis C Virus in Irula Tribal Community, Tamilnadu, India
119	Dr. R. Usha	Production of Biosurfactant Using Cashew Nut Shell Liquid Renewable Source as Substrat
120	Mr. K. Yuvaraj	Programming Fault Prediction Mistreatment Quad Tree- based K-means Agglomeration Algorithm
121	Dr. K. Balachander	PV and Fuel Cell Based Dynamic Voltage Restorer for LVRT Improvement of DFIGWTS
122	Dr. S. Veni	Recognizing Object Categories in Natural Scenes Using ROI Segmentation in SVM With Spatio-geometric Constrains and Visual Similarity
123	Dr. S. Hemalatha	Research on Web Data Usage and Extraction Aspects
124	Dr. S. Veni	Secure Method for Short Message Encoding and Encryption Using Elliptic Curve for IoT Mobile Devices
125	Dr. G. Anitha	Secured File Storage System in Big Data With Cloud Access Using Security Algorithms
126	Dr. M. Sridhar Muthusami	Silencing of FTS Increases Radio Sensitivity by Blocking Radiation-induced Notch1 Activation and Spheroid Formation in Cervical Cancer Cells
127	Dr. U. Ushani	Sodium Thiosulphate Induced Immobilized Bacterial Disintegration of Sludge Management and Biomethanation
128	Dr. K. Sathya	Spectral, Optical, Thermal, Hirshfeld Analysis and Computational Calculations of a New Organic Proton Transfer Crystal, 1h-benzo[d][1,2,3] Triazol-3-ium-3,5- dinitrobenzoate
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129	Dr. A. Amudha	Stability Enhancement and Analysis of Unified Power Quality Conditioner Based on Fitting Neural Network and PI Current Controllers
130	Dr. G.R. Vijayshankar	Stabilization of Expansive Subgrade Soil With Bagasse Ash and Geosynthetic Reinforcement
131	Dr. A. Sangilimuthu	Stain Improvement Through Mutation to Enhance Pectinase Yield From Aspergillus Niger and Molecular Characterization of Polygalactouronase Gene
132	Dr. R. Usha	Streptomyces Sps - A Promising Source of Antimicrobial Agent
133	Dr. L. Hariprasath	Surface Decoration of Selenium Nanoparticles by Protein From Culinary Medicinal Shiitake Mushroom, Lentinus Edodes (Agaricomycetes), for Enhanced Fibrinolytic Activity
134	Dr. M.R. Ezhilarasi	Synthesis and Characterization of 2-Pyrazoline Derivatives
135	Dr. S. Muthukrishnan	Synthesis and Characterization of Tungsten Disulfide Thin Films by Spray Pyrolysis Technique for N-WS2/P- Si Junction Diode Application
136	Dr. S. Ravi	Synthesis, Single Crystal Xrd and Molecular Docking of 3-α-carboxy Ethyl Rhodanine
137	Dr. M. Palaniswamy	Systematic Approach on Evaluating the in Vitro Antioxidant Activity of Violacein; Novel Isolate Chromobacterium Vaccinii CV5
138	Dr. R. Usha	The Effect of Bio-augmentation on the Degradation of Plastic - Contaminated Soil Using Actinomycetes Amended With Coir Pith and Cow Dung - A Field Study
139	Dr. S. Manju Priya	The Implementation of Hybrid MFSVM in Cross Sectional Views of Brain MRI Segmentation in the Diagnosis of ADHD

# 2017-2018

Plot - 8, Sri Ranga Layout - I, Nallampalayam, Coimbatore - 641 006. Admn. Office : No. 324/1C, Vishwanathapuram, Thudiyalur, Coimbatore - 641 034. Phone : 0422 - 2646601.

> Date Coimbatore

> > 24.03.2018

To

**The Registrar** Karpgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir

SUB: Research funding- Reg.

As per your request earlier an amount of Rs.506250/-(Rupees Five lakhs six thousand two hundred and fifty only) towards research funding. Please find enclosed our ICICI Cheque No.000538 dated 23/03/2018 to meet the research expenses of institution.

Please receive the same and acknowledge for the receipt

Thanking you,

with regards, For Sriram Engineering

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Manager

#### List of Sanctioned Projects

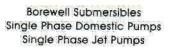
Sl. No.	Name of the Faculty	Name of the Project
1	Dr. S. Prabagaran	Advancement of Straight Tube Butt Welding Process Parameters to Reduce Weld Rejection
2	Dr. K. Balachander	Analysis and Energy Efficiency of Small Scale Wind Energy Conversion System Using Adaptive Network based Fuzzy Interference System (ANFIS) of Maximum Power Point Tracking Method
3	Dr. G. Emayavaramban	Biometric Authentication System Using EEG Brain Signature
4	Dr. G. Emayavaramban	BLDC Motor Driven PV Fed Water Pumping System Employing CSC Converter
5	Dr. M. Siva Ramkumar	Cascade Cockcroft-Walton Voltage Multiplier Applied to Transformer less High Step-Up DC-DC Converter
6	Dr. S. Baskar	Cloud Based Framework for Diagnosis of Diabetes Mellitus Using K-Means Clustering
7	Dr. S. Baskar	Collaboration of Trusted Node and QoS Based Energy Multi Path Routing Protocol for Vehicular Adhoc Networks
8	Dr. V.M. Mohamed Mansoor	Comprehensive Analyses and Comparison of 1 KW Isolated DC-DC Converters for Bidirectional EV Charging Systems
9	Mr. R. Karuppasamy	Compressive Strength of Open Cell Al-Si12-Fe Foam Produced Through Sand Casting Method
10	Dr. V.M. Mohamed Mansoor	Design and Performance Analysis of a Novel Three Port Converter for MPPT Using PAO Technique with PV System
11	Dr. S. Baskar	Developing Brain Abnormality Recognize System Using Multi Objective Pattern Producing Neural Network
12	Dr. Debabrata Barik	Effect of Compression Ratio on Combustion Performance and Emission Characteristic of a Direct Injection Diesel Engine Fueled with Upgraded Biogas–Karanja Methyl Ester–Diethyl Ether Port Injection
13	Dr. P.M. Gopal	Effect of Inserts with Titanium Nitride Coating of Different Thickness on Machining Mild Steel
14	Mr. G. Vignesh	Effect of Mineral Based Cutting Fluid on Surface Roughness of EN24 Steel During Turning Operation
15	Dr. S. Manivannan	Effect of Nd on the Microstructure and Corrosion Behavior of Mg-9Li-3Al Magnesium Alloy in 3.5 wt.% NaCl Solution

16	Dr. Debabrata Barik	Effective Utilization of Job Shop Scheduling in Auto Industries with the Aid of Social Spider Optimization
17	Dr. Debabrata Barik	Effects of Waste Chicken Fat Derived Biodiesel on the Performance and Emission Characteristics of a Compression Ignition Engine
18	Mr. P. Ragupathi	Enhancement of Impact Strength of a Car Bumper Using Natural Fiber Composite Made of Jute
19	Mr. T. Ramesh	Enhancing Power Quality of ANN Controller Based Photovoltaic Source Injected DVR
20	Mr. R. Suresh Balaji	Evaluation and Delineations of Multi Segment Variable Camber Fixed Wing for Unmanned Aerial Vehicles
21	Dr. C. Ramesh Kannan	Experimental Investigations of Stringer on Chassis Frame in TATA 2516 TC Truck
22	Dr. S. Prabagaran	Experimental Study and Analysis of the Wear Properties of Friction-Stir-Welded AA7075-T6 and A384.0-t6 Dissimilar Aluminium Alloys of Butt Joints
23	Mr. G. Vignesh	Frictional Performance of Dimpled Textured Surfaces on a Frictional Pair : An Experimental Study
24	Dr. G.K.D. Prasanna Venkatesan	Green Synthesis and Electrical Properties of p-Cuo/n-ZnO Heterojunction Diodes
25	Dr. A. Amudha	Hybrid Harmony Search Algorithm & Fuzzy Logic for Solving Unit Commitment Problem with Wind Power Uncertainty
26	Dr. S. Poorani	Inductance Gradient and Current Density Distribution for T- Shaped Convex and Concave Rail Cross-Sections
27	Dr. P.M. Gopal	Influence of Solid Lubricant Particles on Surface Roughness in Turning Hybrid Metal Matrix Composites
28	Dr. S. Prabagaran	Investigation of Mechanical Behavior of Natural Composites(Snake Grass and Elephant Grass) with Poly Lactic Acid
29	Dr. S. Prabagaran	Investigation on Mechanical and Wear Properties of Aluminium Based Metal Matrix Composite Reinforced with B4C, Gr and Fly Ash
30	Dr. S. Prabagaran	Low Cycle Fatigue Strength Analysis Of A47075-T6 and A384.O-T6 Friction Stir Welded Aluminum Alloys of Butt Joint.
31	Dr. S. Prabagaran	Mechanical Characterization and Microstructural Analysis of Snake Grass with Reinforced Poly Lactic Composites

32	Mr. M. Siva Ramkumar	Mer Based Bi-Directional Three Winding DC-DC Converters With ZVS
33	Dr. A. Amudha	Modeling Simulation, and Optimization of a Hybrid Power System for Techno-Economical and Environmental Perspective
34	Dr. G. Emayavaramban	Offline Analysis for Designing Electrooculogram Based Human Computer Interface Control for Paralyzed Patients
35	Mr. R. Prasanna	Optimization of Process Parameters in Wire Cut EDM of Mild Steel and Stainless Steel using robust design
36	Mr. B. Akilan	Performance Evaluation of Small Wind Turbine Using CFD
37	Mr. R. Karuppasamy	Preparation and Characterization of Aluminium Foam Prepared Through Melt Route Method
38	Dr. M. Siva Ramkumar	Series Z-Source Matrix Converters Simulation and Implementation Techniques
39	Dr. S. Prabagaran	Simulation Modeling and Analysis of Job Release Policies in Scheduling an Agile Job Shop with Process Sequence Dependent Setting Time
40	Dr. S. Prabagaran	Simulation Modeling and Analysis of Job scheduling and Release Policies using Work in Process limit in an Agile Job Shop
41	Dr. P.M. Gopal	Study on Tribological Behaviour of Al/SiC/MoS2 Hybrid Metal Matrix Composites in High Temperature Environmental Condition
42	Mr. R. Karuppasamy	Surface Finish Achieved in Producing Pneumatic Piston Rod: An Experimental investigation
43	Mr. K. Prasath	The Effect of Cutting Fluid on Chip-Tool Interface Temperature While Turning AISI 4340 Steel
44	Mr. S. Aravind	The Effect of Cutting Fluid On Surface Roughness of LM6 Al- Alloy During Turning Operation
45	Mr. N. Satheish Kumar	The Effectiveness of Various Cutting Fluids on the Surface Roughness of AISI 1045 Steel During Turning Operation Using Minimum Quantity Lubrication System
46	Dr. S. Poorani	Time Varying and Constant Switching Frequency-Based Sliding Mode Control Methods for Transformer Less DVR Employing Half-Bridge VSI
47	Mr. R. Prasanna	Tricalcium Phosphate Composites for Orthopedic Applications: Preparation and Characterization
48	Mr. M. Prakash	Wear and Friction Characteristics of Aluminium Matrix Composites Reinforced With Flyash/Cu/Gr Particles

49	Mr. R. Karuppasamy	Wear Test on Aluminium Foam Prepared from Aluminium (LM0) as Base Metal and Dolomite (CaMg (CO3)2) as Foaming Agent
50	Dr. P.M. Gopal	Wire Electric Discharge Machining of Silica Rich E-Waste CRT and BN Reinforced Hybrid Magnesium MMC







AQUASUB ENGINEERING



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

#### Coimbatore

17/03/2017

To

The Registrar Karpgam Academy of Higher Education Coimbatore-641021.

**DearSir** 

SUB:	Funding for research-	Req.
REF:	Our discussion	<b>4</b>

We are pleased to sanction following cheque amount towards the funding for research of Karpagam Academy of Higher Education as per above.

==x==

IOB Cheque No.955086 dated 15/3/2017 Rs.616210/- (Rupees Six Lakhs Sixteen Thousand and Two Hundred and Ten only.

Kindlyacknowledge the receipt.

Thankingyou,

with regards, For Aquasub Engineering

Varendra

T.Narendran Vicepresident (Finance & Administration)

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#### List of Projects

S. No.	Faculty Name	Project Name
1	Dr. S. Saira Banu	A New Enhanced Energy Efficient Multipath Routing Approach for Wireless Sensor Networks
2	Dr. S. Ravi	A New Flavanoid Diglycoside From Biophytum Reinwarditii(Zucc.) Klotzsch and Evaluation of Its Antioxidant and Anticancer Activities
3	Dr. S. Ravi	A Study on the Seasonal Variation of the Essential Oil Composition From Plectranthus Hadiensis and Its Antibacterial Activity
4	Dr. A. Thangamani	Amberlite IR-120 H+ Resin, an Efficient and Recyclable Solid Phase Catalyst for the Synthesis of 2,3- Disubstituted Quinazolin-4(3h)-Ones: A Greener Approach
5	Dr. S. Saira Banu	An Economical Modified VLSI Architecture for Computing Power Spectral Welch Method
6	Dr. S. Saira Banu	An Efficient Method for Inductive Power Link Transmission in Biomedical Implants
7	Dr. S. Saira Banu	An Efficient Power Transmission Method Using Class E Power Amplifier
8	Dr. K. Kalidass	An M/m/1/n Queue With Working Breakdowns and Bernoulli Feedbacks
9	Dr. V. Senthil Kumar	Antibacterial and Photocatalytic Activity of Pomegranate Rind Extract Doped Tio2 Nanoparticals by Sol-Gel Method
10	Dr. B.V. Pradeep	Application of Box – Behnken Design for the Optimization of Culture Conditions for Novel Fibrinolytic Enzyme Production by Bacillus Altitudinis S- CSR 0020
11	Mr. K. Subramanian	Automatic Aircraft Parking Systems
12	Dr. R. Prema	Automatic Overspeed Control System for the School and College Zone
13	Dr. R. Usha	Bioactivity of Soil Born Actinomycetes From Kolli Hills, Tamil Nadu
14	Dr. A. Sanjaygandhi	Certain Investigation on Secure Multicast Authenticated Routing Scheme for Data Integrity in Wireless Sensor Networks
15	Dr. M. Makeswari	Characteristic Analysis of Zncl2 Activated Ricinus Communis Stem

16	Dr. V. Senthil Kumar	Chemical Spray Deposition Technique of Antimony (Sb) Doped Polycrystalline MnIn2S4 Thin Films: Preparation and Characterization
17	Dr. S. Ravi	Cinnamoylated Chloroquine Analogues: A New Structural Class of Antimalarial Agents
18	Dr. M.M. Shanmugapriya	Commutative Monoids in Intuitionistic Fuzzy Sets
19	Dr. B. Janarthanan	Considerable Influence of Annealing Temperature and Different Dye on Energy Conversion Efficiency of Dye Sensitized Solar Cell
20	Dr. B. Janarthanan	Design and Working of Datalogger Using Microcontroller AT89C51
21	Dr. B. Janarthanan	Design and Working of Single Axis Solar Tracking System Using PIC16F877A
22	Mr. M. Dinesh Kumar	DFT Based Analysis of N-(3-Methyl-2,6- Diphenyl- Piperdin-4-Ylidine)-N'-Phenyl Hydrazine (3-MDPYP) Molecule
23	Mr. S. Muthukrishnan	Effect of Spray Pyrolysis on the Properties of Chemically Sprayed CuO:Al Thin Films
24	Dr. M.M. Shanmugapriya	Efficient Open Dominator Coloring in Cycles and Paths
25	Dr. R. Prema	Energy Aware Cluster Based Data Aggregation Scheme for Wireless Sensor Networks
26	Dr. S. Sharmila	Enhanced Electrical Conductivity of Co:Al Co-Doped CAZO Thin Films via Sol-Gel Spin Coating Method
27	Dr. S. Ravi	Essential Oil Composition of Vitex Negundo, Acetylcholine Esterase Inhibition Activity and Molecular Docking Studies Against Bacterial Proteins
28	Dr. S. Ravi	Ethanopharmacology, Phytoconstuitent,essential Oil Composition and Biological Activities of the Genus Scutellaria
29	Dr. B. Janarthanan	Experimental Study of Parabolic Through Collector With Glass Enveloped Copper Receiver Tube Filled With SS Sponge Material
30	Dr. A. Sanjaygandhi	Fuzzy Based Data Gathering Scheme for Scalability in WSN
31	Mrs. R. Sharmila Devi	Greener Synthesis and Characterization of Silver Nanoparticles Using Murraya Koenigii Leaf Extract and Its Antibacterial Activity
32	Dr. A. Thangamani	Gridnestone Chemistry: an Efficient and Green Synthesis of 2-Amino-4H-Benzo[b] Pyrans

33	Ms. M. Jannath Begam	Hall Current and Chemical Reaction Effects on MHD Free Convection Flow Past a Vertical Porous Plate With Heat Absorption/generation
34	Dr. S. Karuppusamy	Homomorphism and Antihomomorphism in Interval Valued Intuitionistic (S,Q) Fuzzy Subhemirings of a Hemiring
35	Dr. S. Muthukrishnan	Improved Properties of Spray Pyrolysed Copper Oxide Nanocrystalline Thin Films
36	Dr. B. Janarthanan	Influence of Niobium on Li2Mn4O9 for Lithium Ion Batteries
37	Dr. V. Senthil Kumar	Influence of Substrate Temperature on Structural, Morphological, Optical and Electrical Properties of Bi- doped MnInS4 Thin Films Prepared by Nebuliser Spray Pyrolysis Technique
38	Dr. M.M. Shanmugapriya	Interval Valied Fuzzy Subnearings of a Nearing Under Homomorphism
39	Dr. M.M. Shanmugapriya	Inter-valued Q-hesitant Fuzzy Normal Subnearings
40	Dr. A. Sanjaygandhi	Investigation on Reliability Based Certificate Authentication Scheme for Authentication in WSN
41	Dr. S. Ravi	Isolation of Phytoconstituents From the Flowers of Couroupita Guianensis
42	Dr. S. Ravi	Larvicidal Activity of Extracts From Myxopyrum Serratulum a.w.hill Against Aedes Aegypti
43	Dr. S. Ravi	Molecular Docking Studies of Alkaloids From Desmodium Triflorum Against Bacterial Proteins
44	Dr. M.M. Shanmugapriya	Neural Network Architecture for Hybrid Network-on Chip Using Scalable Spiking for Man Machine Interface
45	Dr. S. Ravi	Novel Phenothiazine-based Chalcone Derivatives With Various N-substituted Rhodanines Induce Growth Inhibition Followed by Apoptosis in Leukemia Cells
46	Dr. K. Sundaram	Novel Thiadiazole Derivatives as Bcr-Abl Tyrosine Kinase Inhibitors
47	Dr. M. Makeswari	Preparation and Characterization of Alumina and Silica Modified Chitosan
48	Mrs. R. Sharmila Devi	Removal of Aeromine-o Dye Fromdye Water Waste by Adsorption Using Seeds of Annona Reticulata
49	Dr. B. Janarthanan	Review on Recent in Titanium Dye Oxide Nanoparticals for Dye Sensitized Solar Cell Application

50	Dr. M. Palaniswamy	Screening and Optimization of Lactic Acid Production From Lactobacillus Strains by Using Agro Waste Residues.
51	Dr. R. Prema	Secure Data Aggregation Routing Protocol for Wireless Sensor Networks
52	Dr. A. Nagamani Prabu	Single Axis Active Solar Tracker for Parabolic Trough Concentrator Evaluated Through Solar Dial Target Board
53	Mr. S. Muthukrishnan	Synthesis and Characterization of CuO Spray Pyrolysis in Thin Films
54	Dr. A. Thangamani	Synthesis and Molecular Docking Studies of Novel 2-(2- amino-6-phenyl-4-pyrimidinylamino)ethanol Derivatives: Using Ring-opening Reactions of Cyclic Ketene-N,O- Acetal
55	Dr. M. Gopalakrishnan	Synthesis and Spectroscopic Characterization of Tris(Tert-Butoxy)Siloxy Titanium and Hafnium Complexes: Molecular Precursor to [M/Si/O (M = Ti, Hf)] Materials
56	Dr. M. Gopalakrishnan	Synthesis and Structural and DNA Binding Studies of Mono and Dinuclear Copper(li) Complexes Constructed With –O and –N Donor Ligands: Potential Anti-skin Cancer Drugs
57	Dr. B. Janarthanan	Synthesis of Pristine CrTiO3, Fe Doped CrTiO3and Co Doped CrTiO3 With the Structure and XRD Studies
58	Dr. A. Thangamani	Synthesis, Antiproliferative Activity and Docking Study of Novel Rhodanine Derivatives as Bcr-Abl T1351 Inhibitors
59	Mrs. K. Pavithra	Time Dependent Analysis of an M/M/1 Queue With Catastrophes and Bernoulli Feedbacks
60	Dr. B. Janarthanan	Titanium Dioxide Nanoparticles Preparation for Dye Sensitized Solar Cells Applications Using Sol-gel Method
61	Dr. R. Prema	Transposed Form of Folded FIR

#### List of Projects

S. No.	Faculty Name	Project Name
1	Ms. V. Bhavithira	A Comparative Study of Solar MPPT Control Techniques
2	Dr. R. Santhosh	A Dynamic Predictive Approach to Identify An Optimal Cloud Availability Zone With Maximum Satisfaction Level.
3	Dr. S. Poorani	A Non-Linear Controller for Forecasting the Rising Demand for Electric Vehicles Applicable to Indian Road Conditions
4	Dr. S. Poorani	A Novel Buck-Boost-based Single Phase Inverter Applicable for Photovoltaic Based Electric Vehicle
5	Ms. K. Deepthi Nivasani	A Study on Consumer's Preference towards Green Products in Thoothukudi
6	Dr. M. Nandhini	A Study on Decision Making Role of Married Women School Teachers In the Daily Family Activities With Reference to Theni District
7	Dr. M. Mohanapriya	A Study on Emotional Identification Using Facial Electromyogram Signals And Neural Networks
8	Mrs. N. Sumathi	A study on investor perception in Indian share market
9	Dr. R. Velmurugan	A study on lapsation of insurers in life insurance policies in Coimbatore
10	Dr. R. Karthikeyan	A study on occupational stress level of employees in textile shops with special reference to Coimbatore district
11	Dr. R. Karthikeyan	A Study on the price fluctuation in equity it stocks with reference to NSE
12	Dr. P. Manimegalai	An efficient data processing architecture for smart environment using large scale machine learning
13	Ms. M. Vidhya	An experimental study on flexural behaviour of composite beams with shear connector
14	Ms. S. Gobhiga	An Experimental Study on internal curing of Concrete using Pre wetted Light weight Slate
15	Ms. M. Vidhya	An experimental Study on self-Consolidating concrete with silica fume and glass fibre
16	Dr. P. Muthukrishnan	An investigation on the cytotoxicity and Apoptotic effect of biologically synthesized Silver nanoparticles on mcf-7 and a549 cell Lines using weed Setaria verticillata I.

17	Dr. M. Natarajan	Anaerobic digestion of Municipal solid biodegradable wastes for methane production
18	Dr. C. Rajakumar	Analysis and design of pavement subgrade stabilized with coal ash and geosynthetics
19	Dr. C. Rajakumar	Artificial Neural Network Modeling of Sub grade Soil stabilized with Bagasse Ash and Geogrid
20	Dr. N. Balasundaram	Assessment of dairy waste treatment Based on sludge volume index technique
21	Dr. S. Kamalraj	Auditory evoked potentials based detection on hearing threshold using PSO neural network
22	Dr. N. Balasundaram	BOD/COD a Measure of Dairy Waste Treatment Efficiency
23	Dr. V. Krishnaveni	Business ethics – A conceptual frame work
24	Dr. K. Balachander	Capacitor Cascaded Multilevel Inverter with PWM Control Method
25	Dr. M. Ashok Kumar	Challenges and future prospects of plastic money
26	Dr. M. Mohanapriya	Classification of Based on Leaf Recognition Using BT And ED Algorithm
27	Dr. S. Poorani	Color Image segmentation using Similarity based Region merging and Flood Fill Algorithm
28	Mr. M. Venkatesan	Comparative Study of Three Phase Grid Connected Photovoltaic Inverter Using PI and Fuzzy Logic Controller with Switching Losses Calculation
29	Dr. A. Dharmaraj	Competitive Advantage Strategies Adopted By Rural Retailers In Coimbatore District
30	Dr. R. Thilagavathi	Computer aided design of negative allosteric modulator of metabotropic glutamate receptor 5 (mGluR5) Comparative molecular field analysis of aryl ether derivatives
31	Mr. V. Gowrishankkar	Customer Preferences Towards Advertising Agencies
32	Mr. R. Suresh Balaji	Design And Stress Analysis of Aircraft Wing Rib With Various Cut Outs
33	Ms. S. Gobhiga	Design of Earthquake Resistant R.C.C Soft storied structure with Shear Wall and Bracing
34	Dr. S. Kamalraj	Design of low complexity fault tolerant parallel FFTs using partial summation
35	Dr. P. Manimegalai	Development of artificial intelligent skills and techniques in agricultural robots
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36	Ms. S.M. Leela Bharathi	Dissection on the Compressive Strength of Concrete By Replacing Sand With Laterite Soil And M-Sand
37	Mr. V. John Paul	Effect of Random Inclusion of Bamboo Fibers on Strength Behavior of Fly ash Treated Black Cotton Soil
38	Mr. D. Ramesh	Effective Use of Vacuum Reticulation System in Sewer Collection Around Pothanur Coimbatore Corporation
39	Mr. V. Gowrishankkar	Effectiveness of inbound training on PG student in developing their behaviour attitude and leadership skill
40	Dr. M. Ashok Kumar	Effectiveness of television divertissements on buying behaviour of the women college students
41	Dr. M. Ashok Kumar	Effects of the demographic factors on the overall organizational effectiveness score in the IT and ITES in SEZ, Coimbatore
42	Dr. P. Manimegalai	Efficient tree structure based revise packet byte stuffing in wireless sensor networks
43	Dr. K. Shankar	Electrochemical studies of biosynthesized silver nanoparticles by using Setaria verticillata plant
44	Dr. A. Dharmaraj	Emotional Intelligence-Yardstick to Combat Stress Among Plastic Industry Entrepreneurs.
45	Dr. M. Ashok Kumar	Enhancing profitability in Indian life insurance industry – A proposition
46	Dr. N. Balasundaram	Environmental Impact of Singanallur Lake water
47	Dr. S. Poorani	Estimation of Inductance Gradient Empirical Formula of Rails Using Regression Analysis Technique
48	Ms. B. Preethiwini	Experimental Investigation floating slab with incorporated pumice stone and vermiculate
49	Mr. J. Arun Prakash	Experimental Investigation of Multi Aerofoil Configurations Using Propeller Test Rig
50	Dr. N. Balasundaram	Experimental Investigation on Behaviour of Nano Concrete
51	Ms. B. Preethiwini	Experimental Investigation on Steel Fibre Concrete Using PVC Tendons Stirrups
52	Dr. C. Rajakumar	Experimental Study of Bagasse Ash Utilisation for Road Application on Expansive Soil
53	Ms. S. Gobhiga	Experimental Study of Concrete With Partial Replacement of Cement With Rice Husk Ash And Fine Aggregate With Granite Dust

54	Ms. S.M. Leela Bharathi	Experimental Study on Behaviour of paver block using
04		crushed rubber powder
55	Ms. S.M. Leela Bharathi	Experimental study on hybrid fiber self-compacting Concrete
56	Dr. C. Rajakumar	Experimental study on the utilization of industrial and agricultural wastes to stabilize the expansive soil subgrades
57	Dr. K.K. Padmanabhan	Experimental wear behaviour of cryogenically treated aluminium 6063 and 8011 materials
58	Mr. J. Arun Prakash	Fabrication and Experimental Studies on Hybrid Propeller Engine
59	Ms. S.M. Leela Bharathi	FEA Simulation of Connection behaviour between steel – foam concrete composite panels
60	Mrs. G. Sumathi	Financial inclusion of rural people through chit funds provided by service Co-operative banks
61	Mr. M. Venkatesan	Fuzzy Logic Controlled Modified Three Phase MLI fed from single DC source for PV Applications
62	Dr. P. Manimegalai	Identification of precise object among various objects using sparse coding
63	Dr. A. Amudha	Identifying Hand Gestures using SEMG for Human Machine Interaction
64	Dr. M. Ashok Kumar	Impact on consumer relationship management in electronics durables
65	Dr. M. Natarajan	Impact Resistance of Fly Ash Based Geo Polymer Concrete Using Coconut Shell
66	Dr. R. Karthikeyan	Influence of demographic factors in work life balance of the nursing professional
67	Dr. M. Mohanapriya	IOT Enabled Futurrus Smart Campus With Effective E- Learning : I-Campus
68	Dr. S. Kamalraj	Laser cooling system for magnetic resonance imaging scanner using normal controller
69	Mrs. S. Divyapriya	Load Frequency Control of Hydro-Hydro Power System with Proportional-Integral-Derivative (PID) Controller
70	Dr. S. Kamalraj	LPG consumption monitoring and booking system
71	Dr. P. Manimegalai	Mental state recognition by using brain waves
72	Dr. M. Natarajan	Modelling and Analysis of Cold – Form Based Composite Panel – A Feasibility Study

73	Mr. G. Jayabalaji	Modelling, Analysis and Simulation of Clutch Engagement Judder and Stick-Slip
74	Dr. R. Thilagavathi	Molecular mechanism of curcumin and its semisynthetic analogues in prostate cancer prevent and treatment
75	Dr. N. Balasundaram	Optimising the traffic Mobility for Sustainable development for Salem city
76	Dr. A. Amudha	Optimization for a Novel Single Switch Resonant Power Converter using GA to improve MPPT efficiency of PV Applications
77	Mr. G. Jayabalaji	Performance analysis of refrigeration system from exhaust gas waste heat of petrol engine
78	Dr. P. Manimegalai	Performance evaluation of hybrid feed forward back propagation neural network system for prediction of rice production in Cauvery river basin of Tamilnadu
79	Dr. N. Balasundaram	Performance Evaluation of Upflow Anaerobic Packed Bed Reactor for Treatment of Leachate Polluted Groundwater
80	Mr. T. Ramesh	Power management strategy in parallel connected PV arrays by integrating buck boost converter with single phase bidirectional inverter
81	Dr. A. Amudha	Recognition of sEMG for Prosthetic Control Using Static and Dynamic Neural Networks
82	Dr. A. Amudha	Reduction of Harmonics by Detuning of Capacitors
83	Mr. S. Kuppusamy	Reduction of Leakage Current in Improved Transformer less CMI Based PV Systems
84	Dr. M. Mohanapriya	Relevance's of Using E-Learning Systems & Technology In INDIA : Tutoring Practice
85	Dr. R. Santhosh	Reliable Deduplication of Encrypted Data In Cloud Computing.
86	Dr. M. Mohanapriya	Research Study on Centralized E-Learning Architecture Model Fpr Educational Institutes In INDIA:Teaching & Learning Process
87	Mr. S. Nagarajan	Risk And Return Analysis: A Study on Selected FMCG Companies With Special Reference to NSE
88	Dr. R. Santhosh	Secure Authorized Deduplication in Hybrid Cloud with Public Auditing
89	Dr. R. Santhosh	Secure Group Sharing in Dynamic Public Cloud Environment

Plot - 8, Sri Ranga Layout - I, Nallampalayam, Coimbatore - 641 006. Admn. Office : No. 324/1C, Vishwanathapuram, Thudiyalur, Coimbatore - 641 034. Phone : 0422 - 2646601.

Date Coimbatore

04.10.2017

То

**The Registrar** Karpgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir

SUB: Research funding- Reg.

As per your request earlier an amount of Rs.14875/-(Rupees Fourteen thousand Eight hundred and Seventy five only) towards research funding of the Institution has been sanctioned. Please find enclosed our ICICI Cheque No.000499 dated 04/10/2017 to meet the research expenses of institution. MV Givary J Suderjum

Please receive the same and acknowledge for the receipt

Thanking you,

with regards, For Sriram Engineering

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Manager

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SI. No.	Name of the Faculty	
1	M. Sivaraj & Dr. R. Sundararajan	
2	Dr. R. Sundararajan	

Plot - 8, Sri Ranga Layout - I, Nallampalayam, Coimbatore - 641 006. Admn. Office : No. 324/1C, Vishwanathapuram, Thudiyalur, Coimbatore - 641 034. Phone : 0422 - 2646601.

> Coimbatore Date ..... 18.11.2017

To

**The Registrar** Karpgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir

SUB: Fellowship for Research Associates funding- Reg.

Please find enclosed following cheque payment towards fellowship for research associates

enrolled in the institution. Vide ICICI Cheque No.000508 dated 17.11.2017, Rs.132750/-

(Rupees One Lakh Thirty two thousand Seven hundred and Fifty only)

Please receive the same and acknowledge for the receipt

Thanking you,

with regards, For Sriram Engineering

R. s. Copaleunlinan

Manager

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#### List of Sanctioned Projects

SI. No.	Name of the Faculty	Name of the Project
1	Dr. R. Velmurugan	A Study on Customers Satisfaction Towards Public Distribution System
2	Dr. V. Krishnaveni	A Study on the Awareness of Balanced Score Card with Reference to Poultry Industries in Coimbatore
3	Dr. R. Karthikeyan	An Empirical Study on the Association Between Service Quality and Customer Satisfaction in The Multispecialty Hospitals, Tamilnadu
4	Mr. T. Thirunavukarasu	An Empirical Analysis of Risk and Return on Select Companies in IT Sector with Reference to NSE
5	Mrs. W. Saranya	Customer Awareness and Satisfaction towards E-Banking Services with Reference to Coimbatore City
6	Dr. R. Velmurugan	Customer's Satisfaction on Primary Agricultural Credit Co- Operative Societies
7	Dr. R. Karthikeyan	Investor's Behaviour Towards Commodity Market :With the Special Reference to Salem
8	Dr. R. Velmurugan	Lapsation of Life Insurance Policies
9	Dr. K. Jothi	Measurement of Determinants of Capital
10	Dr. V. Mathankumar	Microfinance through Neighbourhood Group-Empowerment Mantra for the Sustainable Development
11	Dr. K. Kumuthadevi	Passengers Satisfaction towards Southern Railways with Reference to Kerala
12	Dr. V. Krishnaveni	Satisfaction of Industrial Customers with Regard to Usage of Zippers
13	Dr. V. Krishnaveni	Study on Work Life Balance Among Women Employees in Selected Public Industries in Kerala

Plot - 8, Sri Ranga Layout - I, Nallampalayam, Coimbatore - 641 006. Admn. Office : No. 324/1C, Vishwanathapuram, Thudiyalur, Coimbatore - 641 034. Phone : 0422 - 2646601.

Deteimbatore .....

11.9.2017

To

The Registrar Karpgam Academy of Higher Education Coimbatore-641021.

**DearSir** 

SUB: Fundingfor Research- Reg

We are pleased to sanction following cheque amount towards the funding for research of Karpagam Academy of Higher Education.

IOB Cheque No.000492 dated 11/09/2017 Rs.775200/- (Rupees Seven lakhs Seventyfive thousand and Twohundred only)

Please receive the same and acknowledge for the receipt.

Thankingyou,

with regards, For Sriram Engineering

Firs cypulamentine

Manager

#### List of Sanctioned Projects

SI. No.	Name of the Faculty	Name of the Project
1	Mr. V. Gowrishankkar	A Comparative Analysis of Consumer Brand Preference Towards Accessories
2	Mr. V. Gowrishankkar	A Strategic Importance of Store Ambience for Retaining Customers
3	Dr. J. Arul	A Study on Brand Preference Level Towards DHAL Products
4	Dr. C. Sagunthala	A Study on Competency Mapping Among Employees of Textile Mills in Coimbatore City
5	Mr. G. Hariharan	A Study on Customer Perception on Service Quality with Reference to Public Insurance Sector in Coimbatore District
6	Dr. K. Kumuthadevi	A Study on Customer Satisfaction Towards Maruti Suzuki in Coimbatore
7	Dr. A. Dharmaraj	A Study on Effect of Human Resource Practices on the Performance of Textile Processing Units in Tamil Nadu
8	Mr. V. Gowrishankkar	A Study on Employee Stress Management with Special Reference to Manufacturing Companies in Coimbatore
9	Dr. K. Kumuthadevi	A Study on Investment Pattern of Kigali City Resident's in Rwanda
10	Mr. T. Thirunavukarasu	A Study on Investor Awareness towards Equity Market in Tirupur District
11	Dr. V. Krishnaveni	A Study on Job Stress and Employee Performance at Work Place in an Organization
12	Dr. M. Ashok Kumar	A Study on Organizational Factors for Successful Execution of Human Resource Management (HRM) Practices in Private Hospitals
13	Dr. M. Nandhini	A Study on Problems Faced and Coping Strategies Adopted by the Married Women School Teachers While Making Decisions in Their Family Life with Reference to Theni District
14	Dr. V. Krishnaveni	A Study on Relationship Between Principles of Management and Bhagavad Gita
15	Dr. SM. Chockalingam	A Study on Short-Term Liquidity Position of the Select Paper Mills in Tamilnadu
16	Dr. A. Martin Jayaraj	A Study on Stress Management Practices Adopted by Small Scale Manufacturing Units in Coimbatore

17	Dr. M. Nandhini	A Study on the Factors Which Leading Customers to Purchase Gold Jewellery with Special Reference to Working Women
18	Dr. K. Kumuthadevi	A Study on the Human Resource Development Climate in the Select Software Companies in Bangaluru City
19	Dr. M. Usha	A Study on the Problems of Knitted Garment Exporting Units in Tirupur
20	Dr. V. Krishnaveni	A Study on Thrift and Lending Performance of Women Self Help Groups in Athoor Block, Dindigul
21	Mr. S. Nagarajan	A Study on Weak Form Efficiency with Special Reference to Selected Automobiles Companies in National Stock Exchange of India Ltd.
22	Dr. K. Jothi	A Study on Working Capital Analysis of Selected Automobile Manufacturing Companies in India
23	Dr. A. Dharmaraj	An Awareness Program on Dengue Fever Among Adults Residing in an Urban Slum Area, Coimbatore
24	Dr. R. Karthikeyan	An Empirical Study on Customer Perception Towards Multispeciality Hospitals, Tamilnadu
25	Mr. G. Hariharan	An Empirical Analysis on Supply Chain Problems, Strategy, and Performance with Reference to SMES
26	Dr. M. Usha	An Empirical Study on Work Environment of Employee
27	Dr. S. Hemalatha	An Evaluation on the Survey Reports of Fingerprint Image Segmentation Techniques
28	Dr. A. Dharmaraj	Analyzing Failure Data Using Weibull Parametric Estimation
29	Dr. M. Nandhini	Capital Structure and Financial Performance of Selected Cement Companies in India : An Analysis
30	Dr. M. Usha	Changing Technology and its Impact on Employee Performance
31	Dr. C. Sagunthala	Consumer Perception on Celebrity Endorsement Towards Consumer Products in Coimbatore
32	Dr. M. Nandhini	Consumers Brand Preference and Purchase Intention Towards Gold Jewellery with Special Reference to School Teachers in Kottayam District
33	Dr. R. Velmurugan	Customer Perception on Primary Agricultural Credit Co- Operative Societies Service Quality
34	Dr. V. Mathankumar	Customer Satisfaction Towards Online Shopping in Coimbatore District

35	Dr. V. Mathankumar	Customers Problems Towards Online Shopping in Coimbatore District
36	Dr. R. Velmurugan	Determinants of Capital Structure in Select Indian Industries
37	Mrs. N. Sumathi	Determinants of Dividend Policy Evidence from Select Pharmaceutical Companies in India
38	Dr. K. Gomathi	Early Prediction of Cervical Cancer Using Data
39	Dr. R. Karthikeyan	Emerging CSR Practices with Regard to Present Trends and Future Outlook
40	Dr. R. Karthikeyan	Estimation of Survival Time of Students at College of Engineering by Using Makovian Matrix
41	Dr. R. Karthikeyan	Evaluation of Universities Services By Using Fuzzy Analytical Hierarchy Process
42	Dr. A. Dharmaraj	Factors Affecting the Impulse Buying Behaviour of Consumers of Cochin City
43	Mrs. P. Sathiya Bama	Factors Influencing Women Entrepreneur in Coimbatore District
44	Dr. A. Geethalakshmi	Financial Health of Select Indian Pharmaceutical Companies Through Z Score Model
45	Dr. K. Kumuthadevi	Financial Literacy and Women Empowerment in GISENYI- RWANDA
46	Dr. R. Karthikeyan	Fuzzy Measurements of University Students Importance Indexes by Using Analytical Hierarchy Process
47	Dr. A. Dharmaraj	Impact of Corporate Retailing on Consumers and Small Traders in Salem and Namakkal District
48	Dr. K. Kumuthadevi	Influence of Supplier and Demand Condition on the Manufacturing Industry Competitiveness: A Study Amongst the Apparel Manufacturer and Exporter in Tirupur
49	Mr. V. Gowrishankkar	Market Potential of B-School for Working Professionals' in Chennai
50	Dr. M. Ashok Kumar	Media Preferences: An Integrated Marketing Communications (IMC) Perspective
51	Mr. V. Gowrishankkar	Medical Tourism in Coimbatore District
52	Dr. S. Hemalatha	Missing Value Imputation Using Voting Based Optimized Associative Rule Mining Algorithm

53	Dr. R. Velmurugan	Modeling BSE SENSEX Using Multi Fractal Model of Asset Returns
54	Dr. V. Krishnaveni	Occupational Stress, Emotional Intelligence among the Women Bank Employees with Reference to Kottayam, Kerala
55	Mrs. G. Sumathi	Opportunities and Challenges of Women Entrepreneurs in Globalized Economy
56	Dr. A. Dharmaraj	Organizational Initiatives: Does it Meet Employee Expectations in BPO Organizations?
57	Dr. M. Ashok Kumar	Perceptions on Employability Skills Necessary to Enhance Arts and Science Students in Namakkal District
58	Dr. R. Velmurugan	Problems Faced by CNC Machines End Users at Coimbatore District
59	Dr. R. Velmurugan	Problems in Public Distribution System at Coimbatore District
60	Dr. A. Geethalakshmi	Profitability Position of the Select Pharmaceutical Companies in India
61	Dr. K. Kumuthadevi	Quality of Work Life and Variations in Job Satisfaction of Public and Private Sector Bank Employees in Madurai District
62	Mrs. G. Sumathi	Quality of Work Life of Employees in Private Companies with Reference to Coimbatore
63	Dr. M. Nandhini	Relative Analysis of MCX Energy and MCX Metal Index
64	Dr. SM. Chockalingam	Service Quality Gap in the Select Commercial Banks in Kolar District: An Empirical Study
65	Dr. R. Velmurugan	Skill Sets of Successful Rural Entrepreneurs in Central Districts Tamilnadu
66	Dr. K. Kumuthadevi	Statistical Analysis for Job Life Conflict on Job Fulfilment in MSME Industries
67	Dr. R. Karthikeyan	Stress: Effective People
68	Dr. M. Ashok Kumar	Structural Equation Modeling of Employee Performance and Employee Commitment
69	Mr. V. Gowrishankkar	Study on Value Chain Analysis of X-ray Machine
70	Dr. K. Jothi	Tax Burden and its Impact on Individual Earing Group - A Perspective of Salaried Class People in India
71	Dr. K. Jothi	Tax Literary and its Impact on the Individual Tax Payers with Reference to Indian Tax Payers

4 of 5

72	Dr. K. Jothi	Tax Rate Changes and its Impact on Tax Burden Leading to Tax Evasion Practices with Reference to Individual Tax Payers in India
73	Mr. S. Nagarajan	Testing Technical Indicators: A Study With Special Reference to CNX IT
74	Dr. R. Karthikeyan	The Impact of Ethical Behaviours on the Project Performance - An Empirical Study
75	Dr. K. Kumuthadevi	The Role of Industrial Association and its influence on Industry Performance: A Study amongst the Textile Units in Tirupur
76	Dr. R. Karthikeyan	Using Vikor Technique for Evaluating Customer Satisfaction in Bank Using Entropy Weight
77	Dr. M. Usha	Women Empowerment Through Self Help Groups : A Study in Coimbatore District

# 2016-2017



**Borewell Submersibles** 

Single Phase Domestic Pumps

Single Phase Jet Pumps

AQUASUB ENGINEERING



Agricultural Monobloc Open-well Submersible Pressure Boosting Syste

Coimbatore

18/07/2016

To

**The Registrar** Karpgam Academy of Higher Education Coimbatore –641 021.

Dear Sir

**SUB:** Research Funding for KAHE – Reg. **REF:** Our discussion

We are pleased to sanction an amount of Rs.1043500/-(Rupees Ten Lakhs Fourty Three thousand and Five hundred only) towards the fundamental research activities of expenses of Karpagam Academy of Higher Education.

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Please find enclosed our IOB Cheque No.945599 dated 18/07/2016 to meet the fundamental research expenses of institution.

Kindly acknowledge the receipt.

Thanking you,

with regards, For Aquasub Engineering

T. Navenour

T.Narendran Vice president (Finance & Administration)

S. No.	Faculty Name	Project Name
1	Ms. V. Bhavithira	A Comparative Study of Solar MPPT Control Techniques
2	Dr. R. Santhosh	A Dynamic Predictive Approach to Identify An Optimal Cloud Availability Zone With Maximum Satisfaction Level.
3	Dr. S. Poorani	A Non-Linear Controller for Forecasting the Rising Demand for Electric Vehicles Applicable to Indian Road Conditions
4	Dr. S. Poorani	A Novel Buck-Boost-based Single Phase Inverter Applicable for Photovoltaic Based Electric Vehicle
5	Ms. K. Deepthi Nivasani	A Study on Consumer's Preference towards Green Products in Thoothukudi
6	Dr. M. Nandhini	A Study on Decision Making Role of Married Women School Teachers In the Daily Family Activities With Reference to Theni District
7	Dr. M. Mohanapriya	A Study on Emotional Identification Using Facial Electromyogram Signals And Neural Networks
8	Mrs. N. Sumathi	A study on investor perception in Indian share market
9	Dr. R. Velmurugan	A study on lapsation of insurers in life insurance policies in Coimbatore
10	Dr. R. Karthikeyan	A study on occupational stress level of employees in textile shops with special reference to Coimbatore district
11	Dr. R. Karthikeyan	A Study on the price fluctuation in equity it stocks with reference to NSE
12	Dr. P. Manimegalai	An efficient data processing architecture for smart environment using large scale machine learning
13	Ms. M. Vidhya	An experimental study on flexural behaviour of composite beams with shear connector
14	Ms. S. Gobhiga	An Experimental Study on internal curing of Concrete using Pre wetted Light weight Slate
15	Ms. M. Vidhya	An experimental Study on self-Consolidating concrete with silica fume and glass fibre
16	Dr. P. Muthukrishnan	An investigation on the cytotoxicity and Apoptotic effect of biologically synthesized Silver nanoparticles on mcf-7 and a549 cell Lines using weed Setaria verticillata I.

17	Dr. M. Natarajan	Anaerobic digestion of Municipal solid biodegradable wastes for methane production
18	Dr. C. Rajakumar	Analysis and design of pavement subgrade stabilized with coal ash and geosynthetics
19	Dr. C. Rajakumar	Artificial Neural Network Modeling of Sub grade Soil stabilized with Bagasse Ash and Geogrid
20	Dr. N. Balasundaram	Assessment of dairy waste treatment Based on sludge volume index technique
21	Dr. S. Kamalraj	Auditory evoked potentials based detection on hearing threshold using PSO neural network
22	Dr. N. Balasundaram	BOD/COD a Measure of Dairy Waste Treatment Efficiency
23	Dr. V. Krishnaveni	Business ethics – A conceptual frame work
24	Dr. K. Balachander	Capacitor Cascaded Multilevel Inverter with PWM Control Method
25	Dr. M. Ashok Kumar	Challenges and future prospects of plastic money
26	Dr. M. Mohanapriya	Classification of Based on Leaf Recognition Using BT And ED Algorithm
27	Dr. S. Poorani	Color Image segmentation using Similarity based Region merging and Flood Fill Algorithm
28	Mr. M. Venkatesan	Comparative Study of Three Phase Grid Connected Photovoltaic Inverter Using PI and Fuzzy Logic Controller with Switching Losses Calculation
29	Dr. A. Dharmaraj	Competitive Advantage Strategies Adopted By Rural Retailers In Coimbatore District
30	Dr. R. Thilagavathi	Computer aided design of negative allosteric modulator of metabotropic glutamate receptor 5 (mGluR5) Comparative molecular field analysis of aryl ether derivatives
31	Mr. V. Gowrishankkar	Customer Preferences Towards Advertising Agencies
32	Mr. R. Suresh Balaji	Design And Stress Analysis of Aircraft Wing Rib With Various Cut Outs
33	Ms. S. Gobhiga	Design of Earthquake Resistant R.C.C Soft storied structure with Shear Wall and Bracing
34	Dr. S. Kamalraj	Design of low complexity fault tolerant parallel FFTs using partial summation
35	Dr. P. Manimegalai	Development of artificial intelligent skills and techniques in agricultural robots
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36	Ms. S.M. Leela Bharathi	Dissection on the Compressive Strength of Concrete By Replacing Sand With Laterite Soil And M-Sand
37	Mr. V. John Paul	Effect of Random Inclusion of Bamboo Fibers on Strength Behavior of Fly ash Treated Black Cotton Soil
38	Mr. D. Ramesh	Effective Use of Vacuum Reticulation System in Sewer Collection Around Pothanur Coimbatore Corporation
39	Mr. V. Gowrishankkar	Effectiveness of inbound training on PG student in developing their behaviour attitude and leadership skill
40	Dr. M. Ashok Kumar	Effectiveness of television divertissements on buying behaviour of the women college students
41	Dr. M. Ashok Kumar	Effects of the demographic factors on the overall organizational effectiveness score in the IT and ITES in SEZ, Coimbatore
42	Dr. P. Manimegalai	Efficient tree structure based revise packet byte stuffing in wireless sensor networks
43	Dr. K. Shankar	Electrochemical studies of biosynthesized silver nanoparticles by using Setaria verticillata plant
44	Dr. A. Dharmaraj	Emotional Intelligence-Yardstick to Combat Stress Among Plastic Industry Entrepreneurs.
45	Dr. M. Ashok Kumar	Enhancing profitability in Indian life insurance industry – A proposition
46	Dr. N. Balasundaram	Environmental Impact of Singanallur Lake water
47	Dr. S. Poorani	Estimation of Inductance Gradient Empirical Formula of Rails Using Regression Analysis Technique
48	Ms. B. Preethiwini	Experimental Investigation floating slab with incorporated pumice stone and vermiculate
49	Mr. J. Arun Prakash	Experimental Investigation of Multi Aerofoil Configurations Using Propeller Test Rig
50	Dr. N. Balasundaram	Experimental Investigation on Behaviour of Nano Concrete
51	Ms. B. Preethiwini	Experimental Investigation on Steel Fibre Concrete Using PVC Tendons Stirrups
52	Dr. C. Rajakumar	Experimental Study of Bagasse Ash Utilisation for Road Application on Expansive Soil
53	Ms. S. Gobhiga	Experimental Study of Concrete With Partial Replacement of Cement With Rice Husk Ash And Fine Aggregate With Granite Dust

54	Ms. S.M. Leela Bharathi	Experimental Study on Behaviour of paver block using
04		crushed rubber powder
55	Ms. S.M. Leela Bharathi	Experimental study on hybrid fiber self-compacting Concrete
56	Dr. C. Rajakumar	Experimental study on the utilization of industrial and agricultural wastes to stabilize the expansive soil subgrades
57	Dr. K.K. Padmanabhan	Experimental wear behaviour of cryogenically treated aluminium 6063 and 8011 materials
58	Mr. J. Arun Prakash	Fabrication and Experimental Studies on Hybrid Propeller Engine
59	Ms. S.M. Leela Bharathi	FEA Simulation of Connection behaviour between steel – foam concrete composite panels
60	Mrs. G. Sumathi	Financial inclusion of rural people through chit funds provided by service Co-operative banks
61	Mr. M. Venkatesan	Fuzzy Logic Controlled Modified Three Phase MLI fed from single DC source for PV Applications
62	Dr. P. Manimegalai	Identification of precise object among various objects using sparse coding
63	Dr. A. Amudha	Identifying Hand Gestures using SEMG for Human Machine Interaction
64	Dr. M. Ashok Kumar	Impact on consumer relationship management in electronics durables
65	Dr. M. Natarajan	Impact Resistance of Fly Ash Based Geo Polymer Concrete Using Coconut Shell
66	Dr. R. Karthikeyan	Influence of demographic factors in work life balance of the nursing professional
67	Dr. M. Mohanapriya	IOT Enabled Futurrus Smart Campus With Effective E- Learning : I-Campus
68	Dr. S. Kamalraj	Laser cooling system for magnetic resonance imaging scanner using normal controller
69	Mrs. S. Divyapriya	Load Frequency Control of Hydro-Hydro Power System with Proportional-Integral-Derivative (PID) Controller
70	Dr. S. Kamalraj	LPG consumption monitoring and booking system
71	Dr. P. Manimegalai	Mental state recognition by using brain waves
72	Dr. M. Natarajan	Modelling and Analysis of Cold – Form Based Composite Panel – A Feasibility Study

73	Mr. G. Jayabalaji	Modelling, Analysis and Simulation of Clutch Engagement Judder and Stick-Slip
74	Dr. R. Thilagavathi	Molecular mechanism of curcumin and its semisynthetic analogues in prostate cancer prevent and treatment
75	Dr. N. Balasundaram	Optimising the traffic Mobility for Sustainable development for Salem city
76	Dr. A. Amudha	Optimization for a Novel Single Switch Resonant Power Converter using GA to improve MPPT efficiency of PV Applications
77	Mr. G. Jayabalaji	Performance analysis of refrigeration system from exhaust gas waste heat of petrol engine
78	Dr. P. Manimegalai	Performance evaluation of hybrid feed forward back propagation neural network system for prediction of rice production in Cauvery river basin of Tamilnadu
79	Dr. N. Balasundaram	Performance Evaluation of Upflow Anaerobic Packed Bed Reactor for Treatment of Leachate Polluted Groundwater
80	Mr. T. Ramesh	Power management strategy in parallel connected PV arrays by integrating buck boost converter with single phase bidirectional inverter
81	Dr. A. Amudha	Recognition of sEMG for Prosthetic Control Using Static and Dynamic Neural Networks
82	Dr. A. Amudha	Reduction of Harmonics by Detuning of Capacitors
83	Mr. S. Kuppusamy	Reduction of Leakage Current in Improved Transformer less CMI Based PV Systems
84	Dr. M. Mohanapriya	Relevance's of Using E-Learning Systems & Technology In INDIA : Tutoring Practice
85	Dr. R. Santhosh	Reliable Deduplication of Encrypted Data In Cloud Computing.
86	Dr. M. Mohanapriya	Research Study on Centralized E-Learning Architecture Model Fpr Educational Institutes In INDIA:Teaching & Learning Process
87	Mr. S. Nagarajan	Risk And Return Analysis: A Study on Selected FMCG Companies With Special Reference to NSE
88	Dr. R. Santhosh	Secure Authorized Deduplication in Hybrid Cloud with Public Auditing
89	Dr. R. Santhosh	Secure Group Sharing in Dynamic Public Cloud Environment

90	Mrs .K. Malathi	Securing Source Privacy In WSN By Dynamic Path Activation Based on Message Authentication
91	Mr. T. Mohanraj	Semantic Composition of Web Services Timed Complexity Based on Fuzzy Predicate Petrinets
92	Dr. A. Amudha	sEMG based Classification of Hand Gestures using Artificial Neural Network
93	Dr. S. Kamalraj	Smart supervisory control for optimized power Management system of hybrid micro grid
94	Dr. A. Amudha	Solar Powered Traffic Control System Based on Traffic density with Emergency Vehicle Alert
95	Dr. P. Shanmughasundaram	Statistical Analysis on Tribological Behaviour of an Al Alloy 7075 – Al2O3 Composites
96	Dr. B. Arunkumar	Task Scheduling And Seed block Based Fault Tolerance In Cloud
97	Dr. A. Dharmaraj	The Effectiveness of Training And Development Programme For the Retention of Employees In Smes With Reference to Coimbatore
98	Mrs. A. Deepika	The impact of corporate social responsibility
99	Dr. M. Ashok Kumar	Training and skill development for 'Asha' in health education (Wsr to iodine deficiency disorder in Bangalore urban city
100	Mrs. P. Nagaveni	Transmission Line Fault Detection and Classification Using Discrete Wavelet Transform and Artificial Neural Network
101	Dr. K. Balachander	Unbalanced and over Current Fault Protection in Low Voltage DC Bus Micro Grid Systems
102	Mrs. G. Sumathi	Victims and impact of globalization shanlax
103	Dr. A. Amudha	Virtual State Estimation Calculator Model for Three Phase Power System Network
104	Mr. J. Arun Prakash	Wear Behaviour of Al-Chicken Bone Ash Metal Matrix Composites

# 2015-2016





AQUASUB ENGINEERING



Coimbatore

06/01/2016

То

The Registrar Karpgam Academy of Higher Education Coimbatore – 641 021.

**DearSir** 

SUB: Funding for Research- Reg. REF: Our discussion

We are pleased to sanction an amount of Rs.1089590/-(RupeesTen lakhs Eighty nine thousand five hundred and ninety only) towards the Funding for research of Karpagam Academy of Higher Education.

Please find enclosed our IOB Cheque No.709019 dated 5/1/2016.

Kindly acknowledge the receipt.

Thankingyou,

with regards, For Aquasub Engineering

Navendre

T.Narendran Vice president (Finance & Administration)

S. No.	Faculty Name	Project Name
1	Dr. K. Kumuthadevi	A Comparative Analysis of Dividend Pay-out Trend of Indian Pharmaceutical & Cement Industries
2	Dr. A. Sumathi	A Comparative Study on Short Term Liquidity Position of AMEC and Rexam,
3	Ms. S. Umamaheswari	A Comparative Study on Working Capital Management of Asian Paints Ltd and Berger Paints Ltd in India
4	Dr. A. Edwin Robert	A Multi Agent Decision Tree Algorithm for Supply Chain Management
5	Dr. R. Gunasundari	A relative exploration on test case reduction techniques
6	Dr. A. Sumathi	A Study on a performance of primary health centre in villages with special reference to Coimbatore 4city
7	Dr. K. Gunasundari	A study on customer awareness and knowledge towards organic products with special reference to Ramnad District
8	Ms. S. Umamaheswari	A Study on Customer Satisfaction on Freight Forwarding Services with Special Reference to AREM logistics Coimbatore
9	Dr. A. Dharmaraj	A Study on Customers' Perception Towards Marketing Mix Strategies Adopted By Rural Retailers In Coimbatore District.
10	Dr. R. Karthikeyan	A study on Effectiveness of performance Appraisal in Foam mating India Ltd., Alappuzha.
11	Dr. V. Krishnaveni	A Study on Emotional Intelligence and Work Performance of Women Insurance Agents of LIC of India, Kerala
12	Dr. A. Dharmaraj	A Study on Evaluation of Human Resource Practices In Hotel Industry With Special Reference to Selected Hotels In Chennai City
13	Dr. K. Jothi	A Study on Financial Performance Analysis of Tata Steel and Bajaj Steel Companies in India
14	Dr. K. Kumuthadevi	A study on financial performance and dividend policy of JSW steel and TATA steel a comparative analysis
15	Dr. K. Jothi	A Study on Financial Performance of Cement Companies in India with Reference to Ultratech Cement Limited and OCL India Limited – A Comparative Analysis
16	Dr. K. Jothi	A Study on Impact of Endorsement of Celebrity on Purchase of Beauty Care Products

17	Mr. Deepu Nair	A Study on Impact of Foreign Institutional Investor of Indian Stock Market
18	Dr. V. Krishnaveni	A Study on Job Satisfaction Among Employees of Auto Ancillaries
19	Dr. R. Karthikeyan	A Study on Occupational Stress Level of Employees In Textile Shops With Special References to Coimbatore District
20	Dr. K. Jothi	A Study on Profitability Position of Pharmaceutical Industry in India
21	Dr. P. Palanivelu	A Study on Self Employment for Women With Reference to Coimbatore District
22	Dr. A. Dharmaraj	A Study on Socio-Economic Job Related Factors and Its Relationship With Level of Stress Among the Public Sector Bank Employees In Coimbatore District.
23	Dr. V. Krishnaveni	A Study on the Effect of Demographic Factors on Emotional Intelligence and Work Performance of Women Insurance Agents With Special Reference to Life Insurance Corporation of India, Kerala
24	Dr. M. Ashok Kumar	A study on the impact of mahatma gandhi national rural employment guarantee act with special reference to women beneficiaries in Madukkarai block, Coimbatore
25	Dr. V. Krishnaveni	A Study on the Work and Family Environment In the Work Life Balance Among the Women Employees
26	Dr. A. Dharmaraj	A Study on Training and Competency Development Human Resource Practices In Hotel Industry.
27	Dr. A. Sumathi	A Study on Working Capital Management At Aravind Mills
28	Dr. X. Agnes Kalarani	A Study to improve the organic framing and the impact of ICT in organic agriculture with special reference to Perambalur district in Tamilnadu
29	Dr. S. Sheeja	A study: UML for OOA and OOD
30	Dr. S. Veni	An Accessible Energy Efficient Routing Protocols for Mobile Ad Hoc Networks
31	Dr. P. Palanivelu	An Analysis on Employee Perspective Towards Adopted Retention Factors
32	Dr. S. Hemalatha	An Approach Towards Missing Values using Kernel Technique in Heterogeneous Dataset
33	Dr. X. Agnes Kalarani	An efficient dynamic architecture for PHP based on MVP pattern with SOA environment

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34	Dr. A. Dharmaraj	An Empirical Study on Stress Levels Among Working Women In Export Oriented Units of Tirupur District.
35	Dr. M. Nandhini	An Empirical Study on the Participation of Married Women School Teachers In Their Day-To-Day Decision Making
36	Dr. R. Velmurugan	An Empirical Study on Work Stress among the Employees in Textile Industries with Special Reference to Erode District
37	Dr. S. Veni	An Investigation Study on Privacy Preserving of Data Item with constraint Minimization for Data Publishin
38	Dr. R. Velmurugan	Capital structure analysis of selected Indian Automobile industry
39	Mr. Deepu Nair	Challenges and Opportunities of Green Marketing in Indian Automobile Industry
40	Mr. Deepu Nair	Challenges and Opportunities of Retail Banking in India
41	Dr. S. Manju Priya	Comparison on Hierarchical Routing Protocols in WS.
42	Dr. G. Manivasagam	Confidentiality of data base for secure information in cloud computing using table collide storage model
43	Ms. S. Umamaheswari	Consumer behaviour towards E-marketing: A study of Chennai consumers
44	Dr. V. Krishnaveni	Costomer relationship management in IDBI Bank – A model design with critical analysis of existing practices
45	Dr. M. Nandhini	Customer Perception Towards Mosquito Repellent
46	Dr. V. Krishnaveni	Customer Preferences Towards the Mobile Network Service Provider – A Study With the Special Reference to Coimbatore
47	Dr. A. Martin Jayaraj	Customer Satisfaction Level Towards Landline Service Provided By BSNL With Reference to Coimbatore
48	Mrs. K. Kavitha	Customer Satisfaction towards LCD and LED TV with Special Reference to Coimbatore City
49	Dr. S. Manju Priya	Data Security in Cloud Storage using Cyber Technique – An Overview
50	Dr. S. Sheeja	Detection of fetal spine abnormalities using image processing technique
51	Dr. R. Velmurugan	Determinants of Capital Structure on Selected Textile Industries in India
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52	Dr. R. Karthikeyan	Development of questionnaire for research on topic analysis of barriers in implementation of total productive maintenance
53	Dr. M. Nandhini	Effective Employee Training Impart Employee Retention
54	Dr. X. Agnes Kalarani	Efficient big data classification through distributed kernel based extreme learning machine approach
55	Dr. SM. Chockalingam	Empirical study on policyholder's pinion towards reason of taking non life insurance policy
56	Dr. M. Nandhini	Employee Morale and Its Impact on Employee Efficiency In Spinning Mills With Reference to Coimbatore District
57	Dr. S. Sheeja	Enhancing security of elliptic curve elgamal encryption encryption using a polyalphabetic symmetric cipher
58	Dr. E.J. Thomson Fredrik	Enhancing the Android Mobile App Security using SHA- 512 Algorithm
59	Dr. R. Gunasundari	Expectation Maximization with Particle Swarm Optimization based Weighted Clustering for Outlier Detection in Large Scale Data
60	Dr. R. Velmurugan	Factors associated with sustainability of micro small and medium enterprises' entrepreneurs.
61	Dr. A. Dharmaraj	Factors Determining Profitability In Indian Automobile Industry.
62	Dr. R. Velmurugan	Factors Influencing Car Owners Preference
63	Dr. R. Velmurugan	Factors influencing car owners satisfaction
64	Dr. C. Shankar	Factors Influencing the Selection of General Insurance Companies Products
65	Dr. A. Dharmaraj	Feasibility of Potential Appraisal For Managerial Employees In Selected PSUS In the State of Kerala.
66	Dr. K. Jothi	Financial Performance of Select Pharmaceutical Companies in India
67	Dr. K. Kumuthadevi	Foreign Direct Investment in India
68	Dr. K. Kumuthadevi	Global issues and challenges of logistics management
69	Mrs. P. Sathiya Bama	Green Purchasing of Personal Care Products
70	Dr. C. Shankar	Impact of Celebrity Endorsed Advertisements on Consumer Buying Behaviour
71	Dr. M. Ashok Kumar	Impact of investor awareness program on prospective investors in the Indian stock market

72	Mrs. W. Saranya	Impact of WhatsApp among College Students with Reference to Coimbatore City
73	Dr. M. Ashok Kumar	Impact on consumer relationship management electronics durables
74	Dr. R. Velmurugan	Indian Stock Market Anomalies with Reference to BSE Sensex Index
75	Dr. V. Krishnaveni	Influence of Family Environment and Work Environment on Work Life Balance Among Women Employees
76	Dr. M. Nandhini	Influence of the Demographic Factors on Quality of Work Life of the Engineering College Faculty Members In Coimbatore District
77	Dr. A. Sumathi	Insurance Sector in India
78	Dr. A. Sumathi	Intergenerational Occupational Mobility of Workers in the Traditional Pottery Industries in Kottayam District Kerala: A Critical Approach
79	Dr. V. Krishnaveni	IT & ITES employees opinion on the perspectives considered in the balanced scorecard – A study with special reference to Coimbatore district
80	Dr. K. Kumuthadevi	Job Satisfaction Among Women Faculty in Self Financing Colleges with Reference to Coimbatore
81	Dr. K. Jothi	Liquidity and profitability position of select Automobile companies in India
82	Dr. R. Velmurugan	Mis selling – A Bane on Growth of Life Insurance
83	Dr. S. Hemalatha	New Approach to Monitoring Internet Access along with Usage of Bandwidth Using Intrusion Detection System
84	Dr. R. Gunasundari	Novel medical data sharing and mining technique for electronic health record system
85	Dr. V. Krishnaveni	Opinion on the Important Perspectives of Balanced Scorecard : A Study With Special Reference to the IT and ITES Employees of Coimbatore District
86	Dr. K. Gomathi	Organic Products and People's Purchase Practices
87	Mr. S. Sambathkumar	Passenger Satisfaction towards E Service of Southern Railways
88	Mr. K. Veerasamy	Perception on Big Data and Its Analytics
89	Dr. A. Geethalakshmi	Performance of Kerala Financial Corporation(KFC) for promoting of MSMEs in Kerala

90	Dr. V. Krishnaveni	Perspectives considered in balanced scorecard: a study with special reference to IT & ITES employees of Coimbatore district
91	Dr. C. Sagunthala	Problems faced by the women entrepreneurs in India
92	Dr. V. Krishnaveni	Problems Faced By the Zipper Manufacturers In Tirupur, India
93	Dr. C. Shankar	Recitation of Public and Private Sector General Insurance Industry in Structural Equation Model(SEM) Approach
94	Dr. M. Nandhini	Relative Analysis of Commodity Market – With Respect to MCX Energy Index and Crude Oil
95	Dr. C. Shankar	Rural Entrepreneurship Issues and Opportunities with Reference the Coastal Districts of Karnataka
96	Dr. E.J. Thomson Fredrik	Secure on demand distributed protocol for spontaneous wireless Ad-hoc Networks
97	Dr. M. Anand Kumar	Secured Data Forwarding Routing Protocol (SDFRP) For Heterogeneous Mobile Ad Hoc Networks
98	Dr. R. Velmurugan	Short-term Solvency in Indian Automobile Industry
99	Ms. R. Jeevitha	Simulation and Analysis of AODV and DSDV Routing protocols in VANET adhoc Networks using Random waypoint mobility model
100	Dr. A. Dharmaraj	Strategy Development By SME's While Practicing Supply Chain With Respect to South Indian Textile Sectors
101	Dr. M. Nandhini	Stress Management and Coping Strategies With Reference to Garment Employees In Coimbatore District
102	Dr. V. Krishnaveni	Study on Factors Influencing Work Life Balance
103	Dr. V. Krishnaveni	Study on the Work Life Balance: Womens' Perspective
104	Dr. R. Velmurugan	The Acquirer's Preference in the Purchase of Housing Property with Reference to Coimbatore
105	Dr. V. Krishnäveni	The Problems Faced By the Organization In the Implementation of Balance Scorecard and Their Impact on the Future Sustainability – A Study With Special Focus on IT/ ITES Employees At Coimbatore
106	Mr. T. Ramesh	Time orient based spanning tree for efficient data collection in wireless sensor network
107	Dr. K. Jothi	Traits & challenges of a visionary entrepreneur
108	Dr. J. Sudarvel	Turn of the Month Effect in Indian Banking Sector with Special Reference to BSE Bank Index

109	Dr. J. Sudarvel	Turn of the Month Effect in Indian Metal Sector with Special Reference to BSE Metal Index
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**AQUASUB ENGINEERING** 



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

Coimbatore

28/03/2016

To

The Registrar Karpgam Academy of Higher Education Coimbatore-641021.

**DearSir** 

SUB:	Funding for Research- Reg.	
REF:	Our discussion	

We are pleased to sanction and pay the following amount towards the funding for research of Karpagam Academy of Higher Education as per enclosure.

==x==

IOB Cheque No.838909 dated 28/03/2016 Rs.672625/-(Rupees Six lakhs Seventy two thousand six hundred and twenty five only)

Kindly acknowledge the receipt.

Thanking you,

with regards, For Aquasub Engineering

avendres

T.Narendran Vicepresident (Finance & Administration)

S. No.	Faculty Name	Project Name
1	Dr. S. Bhavani	A Novel Control Strategy for Modified SL-QZSI With Three Phase AC Grid Connected System
2	Dr. K. Devaki	Acute Toxicity Assessment of Ethanolic Leaf Extract of Macrotyloma Uniflorum L. On Wistar Albino Rats
3	Dr. P. Manimegalai	An Integrated Switching Technique for Minimization Power Consumption Using MDFSD in Domino Logic System
4	Mr. P. Arun Kumar	Analysing Mass Flow Rate and Noise Level of Blowers Through Ansys CFX Solver
5	Dr. M. Kulandhaivel	Antibacterial Activity of Honey Against Selected Pyogenic Bacteria
6	Dr. M. Kulandhaivel	Antimicrobial Activity of Chromolaenaodorata Against Selected Pyogenic Pathogens
7	Dr. A. Sangilimuthu	Antioxidant Potential and Simultaneous Estimation of Quercetin, Rutin, and Gallic Acid in Curcuma Species
8	Dr. M. Palaniswamy	Application of Multifactorial Experimental Design for Optimization of Streptokinase Production Using Streptococcus Equisimilis SK-6
9	Dr. P. Akilandeswari	Aspergillusterreus KMBF1501 a Potential Pigment Producer Under Submerged Fermentation
10	Dr. S. Poorani	Automated Guided Robo for Pick and Place Applications (Mobile Robo)
11	Dr. A. Sangilimuthu	Bicontrol Potential of Fungal Chitinase From Highly Yielding Trichoderma Viride Against Corcyra Cephalonica (Stainton)
12	Dr. P. Rajiv	Biodegradation of Azo Compounds From Tannery and Textile Effluents by Chlorella Vulgaris
13	Dr. G.R. Prabu	Challenges in Diagnosing and Treating Snakebite in a Rural Population of Tamilnadu, India: the Views of Clinicians
14	Dr. K. Poornima	Chromatographic Fingerprinting Analysis of Secondary Metabolites Present in Ethanolic Extract of Tabernaemontana Divaricata (L.) R. Br. By Hptlc Technique
15	Dr. T. Sivaraman	Computational Tools for Analyzing Hydrogen- Deuterium Exchange of Proteins

16	Dr. P. Manimegalai	Conceptual Improvisation on Low Power Mitigation for Domino Logic Systems Using CHSK Domino Logic
17	Dr. A. Sangilimuthu	Consequence of Chitinase From Trichoderma Virdin Integrated Feed on Digestive Enzymes in Corcyra Cephalonica ( Stainton) and Antimicrobial Potential
18	Dr. A. Sangilimuthu	Crown Ether Proselytized Conglomeration and Anthelmintic Evaluation of Bis-(3-phenyl, 5-amino Pyrazolyl)-18-crown-6 Composite
19	Dr. S. Bhavani	Design of Nanoscale Memristive Arrays for Memory Applications
20	Dr. S. Dinesh Kumar	Ecofriendly Larvicide Source From Acacia Auriculiformis and Its Antimicrobial Activity Against Clinical Pathogens
21	Dr. S. Kamalraj	EEG Based Hearing States Detection Using AR Modeling Techniques
22	Dr. M. Palaniswamy	Effect of Extract Concentration and Ageing on Optical Properties of Biological Silver Nanoparticles
23	Dr. L. Hariprasath	Effect of Hydro Alcoholic Extracts of Boswellia Serrata and Terminalia Bellerica Against Cyclo-Oxygenase and Lipoxygenase Enzymes-An in Vitro Approach
24	Dr. M. Palaniswamy	Evaluation of in Vitro Cytotoxic Effect of Violacein Produced by Novel Isolatechromobacteriumvaccinii CV5 Against the Cervical and Lung Cancer Cell
25	Dr. R. Usha	Fascinating Actinomycetes From Unexplored Regions of Pichavaram Mangrove Ecosystem
26	Dr. K. Devaki	Fourier Transform Infra-red Spectroscopy Analysis of Erythrina Variegate L
27	Dr. A. Amudha	Frequency Deviation Control in Hybrid Renewable Energy System Using FC-UC
28	Dr. M. Palaniswamy	FTIR Spectral Analysis and Comparative Antioxidant Activity of Chemical and Biological Silver Nanoparticles
29	Dr. K. Devaki	GC-MS Analysis of the Ethanolic Extract of the Whole Plant Drosera Indica L
30	Dr. G.R. Prabu	Genome-wide Identification of Conserved and Novel MicroRNAs in One Bud and Two Tender Leaves of Tea Plant (Camellia Sinensis) by Small RNA Sequencing, Microarray-based Hybridization and Genome Survey Scaffold Sequences
31	Dr. M. Kulandhaivel	Green Synthesis of Silver Nanoparticles Using Hybanthusenneaspermus Plant Extract Against Nosocomial Pathogens With Nanofinished Antimicrobial Cotton Fabric

32	Dr. M. Kulandhaivel	Green Synthesis, Characterization and Biological Studies of 1-(3-Napthalen-2YL)
33	Dr. K. Devaki	Histopathological Study TURBT Biopsies of Urinary Bladder Cancer
34	Dr. M. Sridhar Muthusami	Hormonal Alterations in PCOS and Its Influence on Bone Metabolism
35	Dr. M. Palaniswamy	Identification and in Silico. Characterization of a Novel Peptide Inhibitor of Angiotensin Converting Enzyme From Pigeon Pea (Cajanuscajan)
36	Dr. S. Bhavani	Improving Performance of IQA Algorithm: a Simplified Approach Ssim Based on Image Gradients
37	Dr. K. Devaki	In Vitro Preliminary Phytochemical Screening and Free Radical Scavenging Ability of Drosera Indica L
38	Dr. R. Usha	Insight Into Biofilm: Primary, Seconbdary and Residential Caries and Phyto-Challenged Solutions
39	Mr. Milon D. Selvam	Investigation on the Effect of Turning Operation on Surface Roughness of Hardened C45 Carbon Steel
40	Dr. V. Usharani	Isolation and Characterization of Bioactive Compounds for Bacillus Cereus and Bacillus Subtilis From Oreochromismossambicus and Labeorohita
41	Dr. P. Rajiv	Isolation and Characterization of Cellulose Degrading Bacteria, Bacillus Flexus From Gobar Gas Digester
42	Dr. C. Rajkuberan	Isolation of Limonoid Compound (Hamisonine) From Endophytic Fungi Penicillium Oxalicum La-1 (KX622790) of Limonia Acidissima L. For Its Larvicidal Efficacy Against Lf Vector, Culex Quinquefasciatus (Diptera: Culicidae)
43	Dr. S. Bhavani	Light Weight Network Partition Avoidance Mechanism for QOS Improvement Using Dynamic Random Deployment Strategy
44	Dr. G.R. Prabu	Mechanism of Fenpropathrin Resistance in Red Spider Mite, Oligonychus Coffeae (Acarina: Tetranychidae), Infesting Tea [Camellia Sinensis L. (O. Kuntze)]
45	Dr. M. Palaniswamy	Molecular Architecture of Pterindeaminase From Saccharomyces Cerevisiae
46	Dr. A. Sangilimuthu	Molecular Binding Mechanism of 5-Hydroxy-1- Methylpiperindin-2-One With Human Serum Albumin
47	Mr. Milon D. Selvam	Optimal Parameter Design by Taguchi Method for Mechanical Properties of Al6061 Hybrid Composite Reinforced With Fly Ash/Graphite/Copper

48	Dr. S. Bhavani	Optimized Energy Scheduling Algorithm for Energy Efficient Wireless Sensor Networks
49	Dr. P. Rajiv	Physiochemical Analysis of Pretreated Biomedical Wastes
50	Dr. M. Palaniswamy	Prevalence of Food Allergens in Different Age Group in and Around Pollachi, Coimbatore, Tamil Nadu, South India
51	Dr. M. Palaniswamy	Prevalence of Hepatitis B Virus and Associated Risk Factors in Irula Tribal Population
52	Dr. M. Palaniswamy	Production of Antibiotic From Actinomycete From Unexplored Region of Kolli Hills, Tamil Nadu and Antibacterial Activity Against UTI Pathogens
53	Dr. P. Rajiv	Screening of Phytochemicals and FTIR Analysis of Myristica Dactyloids Fruit Extracts
54	Dr. R. Santhosh	Secure, Reliable and High Performance Multicloud Storage
55	Lt. Dr. K.P. Sridhar	Security Enhancement in EQ-LEACH Routing Protocol
56	Dr. M. Palaniswamy	Size Dependent Application of Biologically Synthesized Silver Nanoparticles Against Bacterial Skin Pathogens
57	Dr. A.A. Arunkumar	Species Diversity and Habitat Inventory of Puntiussp. From Various Water Bodies of South India
58	Dr. S. Ramalakshmi	Standardization, Synthesis and Characterization of Nanodrug From Tabebuiarosea Leaves for Breast Cancer
59	Mr. M. Prakash	Study and Investigation of Euphorbia Plants for the Applications of Composite Materials, Bio-fuel, Biogas and Biomass
60	Dr. M. Kulandhaivel	Study on Antibiotic Susceptibility Testing Against Pyogenic Organisms From Wound Infections
61	Dr. S. Prabagaran	Study on Implementation of Lean Manufacturing Tools and Techniques
62	Dr. R. Usha	Successive Statistical Approaches for Optimization of Antibiotic Production by Nocardiopsisprasina ACT24
63	Dr. P. Rajiv	Synthesis and Characterization of Biogenic Iron Oxide Nanoparticles Using Green Chemistry Approach and Evaluating Their Biological Activities
64	Dr. S. Kamalraj	Temporal Predictability Based Blind Source Separation- an Approach for Denoising EEG Signal

65	Dr. M. Kulandhaivel	The Effect of Hydroethanolic Solvents of Piper Betel and Plectranthusamboinicus on Food Poison Disease Causing Pathogenic Bacteria
66	Dr. P. Rajiv	The Role of Zinc Oxide Nanoparticles in Sesamum Indicum Growth and Yield
67	Dr. A. Sangilimuthu	Volitile Phytoconstituent Profile of Argemone Mexican L. Leaves and Pharmacological Importance





## AQUASUB ENGINEERING



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

#### Coimbatore

09/08/2015

To

#### The Registrar

Karpgam Academy of Higher Education Coimbatore – 641 021.

Dear Sir

- **SUB :** Research Funding Reg.
- **REF :** Our discussion

We are pleased to sanction an amount of Rs.997500/-(Rupees Nine Lakhs Ninety Seven thousand and Five hundred only) towards Research expenses of Karpagam Academy of Higher Education.

==x==

Please find enclosed our IOB Cheque No.703189 dated 08/08/2015 to meet the research expenses of institution.

Kindly acknowledge the receipt.

Thanking you,

with regards, For Aquasub Engineering

Warenew

T.Narendran Vice president ( Finance & Administration )

S. No.	Faculty Name	Project Name
1	Dr. M.R. Ezhilarasi	A facile one pot microwave synthesis of 2-amino-5-aryl thiazole by using NaHSO4 –SiO2 heterogeneous catalyst in dry media
2	Mr. M. Selvam	A hardware approach to digital image steganography using blackfin ADSP BF 532
3	Dr. S. Saira Banu	A Multi-Wavelet Network Particle Swarm Optimization Based MRPID of Interior Permanent Magnet Synchronous Motor Drives
4	Dr. V. Senthil Kumar	A novel design of electrostatic actuation based on comb drive MEMS resonator using vibrating energy storage application
5	Dr. M.M. Shanmugapriya	2-Dominator coloring for various graphs in graph theory
6	Dr. P. Rajiv	A novel green technology: Synthesis and characterization of Ag/TiO2 nanocomposites using <i>Padina tetrastromatica</i> (seaweed) extract
7	Dr. M. Kanagaraj	A novel rhombohedron-like nickel ferrite nanostructure: Microwave combustion synthesis, structural characterization and magnetic properties
8	Mr. K. Subramanian	A Study of Advanced Wireless Networks Technology Implementation
9	Dr. S. Saira Banu	A Study on Various Algorithm for Salt and Pepper Noise removal
10	Dr. R. Prema	A Survey on secure and energy efficient data aggregation for wireless sensor networks
11	Dr. S. Saira Banu	A Survey on Wire Free Power Transmission in Biomedical Implants
12	Dr. M. Kanagaraj	A systematic investigation of structural, optical and magnetic properties of pristine BaFe2O4, Mg and Mg, Cs co-doped in BaFe2-xMgxO4 and Ba1-xCsxFe2-yMgyO4 spinel nano-ferrites
13	Dr. M. Makeswari	Adsorption of methylene blue dye by citric acid modified leaves of <i>Ricinus communis</i> from aqueous solutions
14	Dr. M. Makeswari	Adsorption of nickel ions by using binary metal oxide from aqueous solution
15	Dr. R. Prema	AES Algorithm Based Secure Data Transmission for Wireless Sensor Networks

16	Dr. S. Saira Banu	An Enhanced VLSI Architecture for Calculating Power Spectral Density Based on Welch Method
17	Dr. S. Saira Banu	An Intelligent Technique based MRPID Controller for Controlling the Speed of an IPMSM Drive System
18	Dr. B.V. Pradeep	Anthelmintic and antibacterial activity of reg pigment from Aspergillus terreus
19	Dr. K. Devaki	Antidiabetic activity of aqueous extract of <i>Erythrina variegata</i> L. bark in streptozotocin induced diabetic rats
20	Dr. M. Nalini	Antioxidant, cytotoxic and apoptotic activities of crude extract of <i>Alpinia purpurata</i> on cervical cancer cell line
21	Ms. M. Latha	Application of intutionistic fuzzy matrix in document retrieval systems
22	Dr. B.V. Pradeep	Application of multifactorial experimental design for optimization of prodigiosin production using <i>Serratiamarcescens</i> MBB01, MBB02, and MBB05
23	Dr. V.K. Gopalakrishnan	Assessment of dual inhibitory activity of Epifriedelanol isolated from <i>Cayratia trifol</i> ia against ovaraian cancer
24	Dr. A. Sangilimuthu	Biochemical fingerprinting and pharmacological applications of <i>Barleria noctiflora</i> L leaves
25	Dr. N. Sudharsana	Bis (3-Methoxy-4-Hydroxybenzaldehyde- 2,4,6- Trinitrophenol) organic cocrystal: synthesis and physico- chemical properties
26	Dr. M.M. Shanmugapriya	Brain tumor detection based on probabilistic neural network(PNN) training process with back propagation neural network(BPNN) classification
27	Dr. K. Devaki	Carbohydrate metabolizing enzymes activity in streptozotocin induced diabetic rats treated with aqueous extract of <i>Erythrina variegata</i> L. bark
28	Dr. M. Palaniswamy	Characterization of unexplored amidohydrolase enzyme – pterindeaminase
29	Dr. G.R. Prabu	Characterization of water-deficit stress responsive R2R3- MYB transcription factor gene, ScMYB50/23 from sugarcane
30	Dr. V.K. Gopalakrishnan	Chromatographic and spectroscopic Analysis of Bioactive compounds from <i>Cayratia trifolia</i> L.Stem
31	Dr. M. Palaniswamy	Conversion of lignocellulosic wastes to sustainable energy using <i>Saccharomyces cerevisiae</i> and <i>Zymomonas mobilis</i>

32	Dr. B. Janarthanan	Design, fabrication and performance analysis of a low cost cylindrical trough collector with aluminium receiver
33	Dr. B. Janarthanan	Design, fabrication and working of in- house spin coating unit for thin film deposition
34	Dr. M.M. Shanmugapriya	Detection And Moving of Benign Mind Tumor From An Mri File Via Wireless Networks
35	Dr. V.K. Gopalakrishnan	Dietary evaluation, Antioxidant and cytotoxic activity of crude extract from chia seeds ( <i>SALVIA HISPANICAL</i> ) against human prostate cancer cell lines(PC3)
36	Dr. R. Usha	Effect of actinomycete extract on experimental model of acute systemic bacteraemia of vancomycin resistant enterococcus in Swiss albino rats
37	Dr. V. Senthil Kumar	Effect of different current density on structural and mechanical properties of Fe- Ni-Co alloy thin films
38	Dr. A. Sangilimuthu	Effects of chintinase from <i>Trichoderma viride</i> on feeding, growth and biochemical parameters of the rice moth, <i>Corcyra cephalonica</i> Stainton
39	Dr. S. Saira Banu	Efficient Multipath Routing and Congestion Control Scheme for Wireless Sensor Networks
40	Dr. V. Senthil Kumar	Electrical characterization of tin oxide thin films prepared by dip coating technique
41	Dr. B. Janarthanan	Enhanced performance of a floating cum tilted wick type solar still for the climatic conditions of Coimbatore during winter
42	Dr. K. Viswanathan	Green synthesis of silver nano particle using Hibiscus rosasinensis
43	Dr. L. Hariprasath	Green synthesis of silver nanoparticles using tree oyster mushroom <i>Pleurotus ostreatus</i> and its inhibitory activity against pathogenic bacteria
44	Dr. M.R. Ezhilarasi	Green synthesis, 1D and 2D NMR spectral characterization of imidazole fused with pyrimidine nucleus by using grinding techniques
45	Dr. V. Senthil Kumar	Growth and study of annealing effect on the optical and structural properties of chemically deposited CdSexS1-x thin film
46	Dr. L. Hariprasath	Hematological, Biochemical and Histopathological aspects of <i>Hercium erinaceus</i> ingestion in a rodent mode A Sub chronic Toxicological Assessment
47	Dr. R. Usha	Hydroxy apatite – alginate dental composite loaded with <i>Myristica fragrans</i> and <i>Syzygium aromaticum</i> extracts for the management of dental caries

48	Dr. A. Thangamani	Identification of medicinal plants in homam: a religious practice
49	Dr. B. Janarthanan	Impact of annealing treatment on structural and dc electrical properties of spin coated tungsten trioxide thin films for Si/WO3/Ag junction diode
50	Dr. S. Saira Banu	Impulse Noise Removal Using Enhanced Efficient Leading Diagonal Sorting Algorithm
51	Dr. A. Sangilimuthu	In vitro anti-urolithiasis potentials of Argemone mexicana L. leaves
52	Dr. K. Devaki	In vitro Free Radical Scavenging Activity, Phytochemical Screening and Quantitative Analysis of Passiflora ligularis
53	Dr. P. Rajiv	Influence of zinc oxide nanoparticles on growth of Sesamum indicum L. in zinc deficient soil
54	Dr. V. Senthil Kumar	Investigation on optical properties of CuS and Zn doped CuS thin films by chemical bath deposition method
55	Dr. D. Teepica Priya Darsini	<i>Invitro</i> antibiofilm activity of <i>Gymnema sylvestre</i> extract against biofilm forming <i>Streptococcus pyogens</i> from upper respiratory tract.
56	Dr. M. Palaniswamy	Isolation of angiotensin-converting enzyme inhibitor producing bacteria from cow milk
57	Dr. V.K. Gopalakrishnan	Isolation, structural characterization of Oleic acid from Zaleya decandra root extract
58	Dr. G.R. Prabu	Mechanism of fenpropathrin resistance in red spider mite, Oligonychus coffeae (Acarina: Tetranychidae), infesting tea [Camellia sinensis L. (O.Kuntze)]
59	Dr. M.M. Shanmugapriya	Medical image fusion based on fuzzy logic
60	Dr. M.R. Ezhilarasi	Mild steel corrosion inhibition effect on pyrazole compound in acidic media
61	Dr. G.R. Prabu	Molecular cloning and expression analysis of MYB- related transcription factor gene, ScMYB76 from sugarcane ( <i>Saccharum Hybrid</i> )
62	Dr. M. Palaniswamy	Molecular diagnosis of drug resistance tuberculosis in the districts of Tamil Nadu
63	Dr. K. Sundaram	Nanostructured polyaniline modified electrode for the quantification of paracetamol in the pharmaceutical samples
64	Dr. P. Rajiv	Optimization of conditions and production of Carboxy Methyl Cellulase by bacteria isolated from higher termite soil

65	Dr. M. Palaniswamy	Optimization of fermentation parameters for enhanced production of bioethanol using <i>Sacchromyces cerevisiae</i>
66	Dr. B.V. Pradeep	Optimization of growth conditions for crude oil and N- hexadecane degrading <i>Pseudomonas</i> spp. From industrial areas
67	Dr. S. Saira Banu	Performance and Analysis of Recent Thin Film Solar Cells Status and Perspectives
68	Dr. S. Sharmila	Performance evaluation of tilted wick-type solar still integrated with shallow solar pond
69	Dr. K. Devaki	Phytochemical analysis, Anti inflammatory activity, <i>in vitro</i> antidiabetic activity and GC-MS profile of <i>Erythrina variegata</i> L. bark
70	Dr. S. Ravi	Phytochemical investigation and in vitro antimicrobial activity of <i>Richardia scabra</i>
71	Dr. K. Devaki	Phytochemical screening and HPTLC fingerprinting analysis of ethanolic extract of <i>Erythrina variegata</i> L. flowers
72	Dr. V.K. Gopalakrishnan	Phytochemical screening of and free radical scavenging activity of cholroform extract of <i>Sita acuta</i> Burm.F
73	Dr. S. Sharmila	Preparation and Characterization of ZnO Nanoparticles using <i>Moringa Oleifera</i> extract by Green Synthesis Method
74	Dr. M. Palaniswamy	Production and purification of angiotensin-converting enzyme inhibitor by selected bacterial strain for cancer therapy
75	Dr. V. Senthil Kumar	Raman, PL and hall effect studies of CdS thin film deposited by chemical bath deposition
76	Dr. V. Senthil Kumar	Raman, PL and hall effect studies of Cdse thin film deposited by chemical bath deposition
77	Mrs. R. Sharmila Devi	Rapid green synthesis of zinc oxide nanoparticles using Kedrostis Foetidissima (Jacq.) cogn leaf
78	Dr. M. Makeswari	Removal of dyes from aqueous solution by using modified chitosan as an adsorbent
79	Dr. M. Palaniswamy	Screening and production of anti carcinogenic enzyme from <i>Escherichia coli</i> CTLS 20: L– Asparaginase
80	Dr. K. Devaki	Screening of the Antioxidant Potential of the Leaves and Flowers Extract of <i>Erythrina variegata</i> L. : A Comparative Study
81	Dr. K. Sundaram	Simultaneous electrochemical determination of paracetamol and ibuprofen at the glassy carbon electrode

82	Dr. B. Janarthanan	Single axis solar tracker for parabolic trough cylindrical concentrator
83	Dr. M.M. Shanmugapriya	Solving fuzzy simultaneous equations by the fuzzy Laplace transform method
84	Dr. A. Thangamani	Some endemic medicinal plants of andamans with antimicrobial potential
85	Dr. S. Saira Banu	Speed Control of an IPMSM Drive System Using MWNN- PSO Based MRPID Controller
86	Dr. M. Palaniswamy	Spirometri study in bronchial asthma patients of different age groups
87	Dr. K. Sundaram	Square wave voltammeter sensing of ibuprofen on glassy carbon electrode
88	Dr. S. Sharmila	Structural and electrical properties of Li4Mn4.9Ni0.1O12 as a cathode material for rechargeable Li-ion batteries
89	Dr. V. Senthil Kumar	Structural and optical properties of NiS nanoparticles synthesized by chemical precipitation method
90	Dr. V. Senthil Kumar	Structural properties of tin oxide thin films prepared by sol-gel technique
91	Dr. M. Kanagaraj	Study of structural effects on the dielectric and magnetic properties of alkaline earth metals doped SmTiO3
92	Dr. A. Thangamani	Synthesis and biological activities of some 3,5-diaryl-N- hydroxy-tetrahydro-1,4-thiazine-1,1-dioxides
93	Dr. S. Sharmila	Synthesis and characterization of Co-doped lithium manganese oxide as a cathode material for rechargeable Li-ion battery
94	Dr. P. Rajiv	Synthesis and characterization of <i>Eichhornia</i> mediated copper oxide nano particles and assessing their antifungal activity against plant pathogens
95	Dr. V. Senthil Kumar	Synthesis and characterization of Fe-Ni- Co magnetic thin films at different bath temperature
96	Dr. S. Ravi	Synthesis and evaluation of some novel N- substituted rhodanines for their anticancer activity
97	Dr. S. Ravi	Synthesis and molecular docking studies of novel phenothiazine chalcone derivatives as T315I mutated Bcr-Abl kinase inhibitors
98	Dr. R. Usha	Synthesis of flexirubin-mediated silver nanoparticles using <i>Chryseobacterium artocarpi</i> CRCT 8497 and investigation of its anticancer activity

99	Dr. S. Ravi	Synthesis, cytotoxic activity and molecular docking study of bis-rhodanine derivative
100	Dr. A. Sangilimuthu	Unraveling antibiofilm potency of <i>Strobilanthes kunthiana</i> Nees T Anderson Ex Benth against throat-infectious methicillin-resistant Staphylococcus aureus





AQUASUB ENGINEERING



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

#### Coimbatore

16/10/2015

To

The Registrar KarpgamAcademyof Higher Education Coimbatore – 641 021.

**DearSir** 

SUB: Funding for Research- Reg. REF: Our discussion ==x==

We are pleased to sanction and pay the following amounts towards Funding for research of Karpagam Academy of Higher Education.

IOB Cheque No.705918 dated 15/10/2015 Rs.549585/- (Rupees Five lakhs and Fortynine thousand five hundred and Eighty five only)

Kindly acknowledge the receipt.

Thanking you,

with regards, For Aquasub Engineering

Javender

T.Narendran Vicepresident (Finance & Administration)

S. No.	Faculty Name	Project Name
1	Dr. R. Gunasundari	A Novel Approach in Vehicle Object Classification System with Hybrid of Central and Hu Moment Features using Back Propagation Algorithm
2	Dr. S. Veni	A Secure Authentication Infrastructure for IoT Enabled Smart Mobile Devices – An Initial Prototype
3	Dr. S. Kowsalya	An adaptive behavioural learning technique based bilateral asymmetry detection in mammogram images
4	Dr. X. Agnes Kalarani	An effective filtering on big data by finding relevant features to extract useful information
5	Ms. M. Latha	A Note on (Q,L)-Fuzzy Sub-hemirings of a Hemiring
6	Dr. E.J. Thomson Fredrik	An efficient clustering approach using hybrid swarm intelligence based artificial Bee colony-Firefly algorithm
7	Dr. S. Veni	An enhanced approach for performance improvement using hybrid optimization algorithm with K-means++
8	Dr. S. Sheeja	Analysis of real time social tweets for opinion mining
9	Dr. R. Sundaraganapathy	Anti-diabetic activity of <i>Cassia auriculata</i> flowers in α- amylase inhibition and glucose uptake by isolated rat hemi-diapharm
10	Dr. R. Sundaraganapathy	Antiulcerogenic Activity on Aqueous Crude Extract of Emblica officinalis Gaerth in Pylorus Ligated (Shay) Rats
11	Mr. A. Edwin Robert	Bayesian correlated equilibrium based IDS for MANet
12	Dr. G. Anitha	Certificate Revocation List Distribution using Minimum Spanning Tree
13	Dr. R. Prema	Channel Allocation of Energy Efficient Shortest path Routing Protocol for Wireless Sensor Networks
14	Dr. S. Manju Priya	Comparative analysis of data compression and pattern matching techniques for biological big data
15	Dr. K. Thilagam	Comparison of different sorting algorithms in Data Structure based upon the Time Complexity
16	Dr. S. Sheeja	Curvelet based seed point segmentation for abnormality detection in fetus us images
17	Dr. R. Sundaraganapathy	Development and Assessment of Anti Cancer Activity of Phytosome Using Isolated Compound from <i>Clerodendron</i> <i>Paniculatum</i> Linn Root Extract

18	Dr. R. Sundaraganapathy	Development and assessment of anti cancer activity of phytosome using isolated compound from <i>Clerodendron infortunatum</i> Linn root extract
19	Dr. R. Sundaraganapathy	Development and evaluation of anti cancer activity of phytosome formulated from the root extract of <i>Clerodendron infortunatum</i> Linn.
20	Dr. K. Thilagam	Different Sorting Algorithm's Comparison based Upon the Time Complexity
21	Mr. K. Abdul Khayum	Effect of NMDA receptor antagonist and 5-HI1A receptor agonist on behavioral parameters in serotonin depletion MIC model
22	Dr. K. Thilagam	Encoding-Mat: A noval encryption method to secure information in cloud storage when data is rest
23	Dr. E.J. Thomson Fredrik	Enhanced Clustering Based Approach for Predicting Next Web Page using Web Log Data- A Study
24	Dr. M.M. Shanmugapriya	Existence solutions for Liouville-caputo type fractional differential equations with global multi-point and boundary conditions
25	Dr. R. Sundaraganapathy	Formulation and development of colon specific multiparticulate system of Capectitabine
26	Dr. R. Sundaraganapathy	Formulation and evaluation of novel bucco adhesive tablets of salbutamol sulphate
27	Dr. R. Sundaraganapathy	Formulation and Evaluation of Taste Masking Ofloxacin for Oral Suspension and Comparative Evaluation with Marketed Sample
28	Dr. R. Gunasundari	Gravitational Bee Search Algorithm with Fuzzy Logic for Effective Test Suite Minimization and Prioritization
29	Dr. M. Mohan Kumar	Green based Software Development Life Cycle Model for Software Engineering
30	Dr. M. Mohan Kumar	Green Database Design Model in Software Development Life Cycle Phase
31	Dr. D. Shanmuga Priyaa	Heart Disease Prediction Using Data Mining Classification
32	Mrs. G. Praveena	Wound Healing Potential of a Herbal Gel Prepared From Leaf Extract of Holarrhena antidysenterica Wall
33	Dr. R. Gunasundari	Hybrid of Statistical and Spectral Texture Features for Vehicle Object Classification System
34	Dr. S. Veni	Identifying, Categorizing and Mitigating Performance Interferences in Virtualized Environments – A Survey
Are and a second		

35	Mr. K. Subramanian	Implementation of Folded FIR Filter Direct Form using VHDL Programming		
36	Dr. R. Sundaraganapathy	Isolation, Spectral Identification of Quercetin, and Determination of Wound Healing Activity from the Alcoholic Root Extract of <i>Clerodendron Infortunatum</i> Linn		
37	Ms. M. Latha	Isomorphism and anti isomorphism in Q-fuzzy translation of interval valued Q-fuzzy subhemirings of a hemiring		
38	Dr. X. Agnes Kalarani	Leveraging the power of software defined paradigm to control communication in a network		
39	Mr. K. Abdul Khayum	Low dose of L- glutamic acid attenuated the neurological dysfunctions and excite toxicity in bilateral common carotid artery occluded mice		
40	Dr. M. Anand Kumar	Medical Data Mining Techniques for Health Care Systems		
41	Dr. S. Saira Banu	Micro sensor as Humidity Senor		
42	Dr. X. Agnes Kalarani	Multi user profile orient access control based integrity management for security management in data warehouse		
43	Dr. R. Sundaraganapathy	Pattern of Pharmaceutical Drug Poisoning in South Indian Tertiary Care Hospitals		
44	Dr. M. Anand Kumar	Performance Analysis of TimeLine Algorithm against CONS, PBS_PRO and BestGap in Grid Environment using Alea		
45	Dr. X. Agnes Kalarani	Semantically Document Clustering Using Contextual Similarities		
46	Dr. M.M. Shanmugapriya	Shortest Path Algorithm And its Implementation		
47	Dr. M.M. Shanmugapriya	Shortest Path identification using minimum hop cout and maximum bandwidth constrained based algorithm in NOC		
48	Dr. R. Gunasundari	Significance of data mining techniques in disease diagnosis and biomedical research		
49	Dr. P. Tamilselvan	Social Ant Based Sensitive Item Hiding with Optimal Side Effects for Data Publishing		
50	Dr. K. Kalidass	Some graph operations on signed product cordial labelling graphs		
51	Dr. K. Kalidass	Stochastic model for a single grade system with three components of threshold and correlated inter-decision times		

52	52 Mr. S. Muthukrishnan Structural, optical and electrical properties of films prepared by spray pyrolysis	
53	53 Dr. M. Anand Kumar Survey on Identifying Packet Misbehaviour in N Virtualization	
		Test suite minimization and empirical analysis of optimization algorithms
55	Mrs. G. Praveena	Wound Healing Potential of a Herbal Gel Prepared From Leaf Extract of Aloe gel



Borewell Submersibles Single Phase Domestic Pumps Single Phase Jet Pumps



**AQUASUB ENGINEERING** 



Agricultural Monoblocs Open-well Submersibles Pressure Boosting Systems

Coimbatore

15/11/2015

To

The Registrar Karpgam Academy of Higher Education Coimbatore-641021.

**DearSir** 

SUB:	Funding for research- Reg.	
REF:	Our discussion	

We are pleased to sanction and pay the following amount towards the funding for research of Karpagam Academy of Higher Education as per enclosure paid through NEFT to your bank account of Rs.177500/-(Rupees One Lakh and SeventySeven Thousand and Five Hundred only).

==x==

Kindly acknowledge the receipt.

Thankingyou,

with regards, For Aquasub Engineering

Narende

T.Narendran Vicepresident (Finance & Administration)

# List of Projects

S. No.	Faculty Name	Project Name
1	Mrs. D. Manjula	A Case Study On Intrusion Detection On Mobile Security using SIM and PDA
2	Dr. D. Shanmuga Priyaa	A perspective analysis on removal of duplicate records using data mining techniques: A Survey
3	Dr. D. Shanmuga Priyaa	A Survey on Heart Disease Prediction Using Data Mining Techniques
4	Dr. R. Gunasundari	An Effective Enhancement in Optimal Architecture Construction of Ensembling Classifiers for Financial Fraud Detection
5	Dr. X. Agnes Kalarani	An effective structure for maze tab logic using dynamic architectural design
6	Dr. R. Gunasundari	Efficient Outlier Detection Using Graph Based Semi Supervised Clustering with BAT Algorithm
7	Dr. M. Anand Kumar	Energy Efficient Techniques in Wireless Networks
8	Dr. S. Veni	Fuzzy Based Support Vector Machine Classifier With Wiener Filter (FSVM-WF) For Intrusion Detection
9	Dr. R. Gunasundari	Hybrid features based on Zernike moments and single value decomposition (SVD) for vehicle classification system
10	Dr. S. Veni	Improved Extreme Learning Machine (IELM) Classifier for Intrusion Detection System
11	Dr. S. Veni	Privacy Preserving Accuracy Constrain In Optimized Ant Based Algorithm
12	Ms. K. Kiruthika	Prop up the Farming Community with E-Services: Web Based Services for Agriculture
13	Dr. S. Manju Priya	Recent Advanced Computing Methods Employed in Web Service Automation - A Survey
14	Dr. M. Anand Kumar	Secured Structural Design for Software Defined Data Center Networks
15	Dr. R. Gunasundari	Single Pass Attribute Value Frequency based Outlier Detection for Large-Scale Categorical Data
16	Dr. S. Veni	Software Defect Prediction Using Improved Support Vector Machine Classifier
17	Dr. S. Manju Priya	Survey on Data Mining Algorithms in Disease Prediction

18Dr. S. VeniSwarm Optimizer Based on the Sensitive Rule Hidin with the Constraints Minimization for the Data Publis	) hing
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# KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University Established Under Section 3 of UGC Act 1956) Pollachi Main Road, Eachanari Post, Coimbatore - 641 021. INDIA Phone No.: 0422-6471113-5, 6453777 Fax No: 0422 -2980022-3 Email ID: <u>info@karpagam.com</u> Web: <u>www.kahedu.edu.in</u>

27.10.2015

## Note submitted to Vice-Chancellor:

It is submitted that Karpagam Academy of Higher Education Trust has donated Rs. 6 Crores for the creation of the following Chairs in the Karpagam Academy of Higher Education.

		Amount
		(Rs.)
1.	Pandit Veera Swamy Naidu Chair in Electrical Engineering	Rs. 2 Crores
2.	Sri G. Venkitaswamy Naidu Chair in Commerce	Rs. 2 Crores
3.	Pandit Veera Swamy Naidu Chair in Life Sciences	Rs. 2 Crores

The details of the chairs are placed below for perusal and approval.

If approved, whether the above proposal may be placed before the Board of Management for its approval.

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The matter may be placed for ratification in BOM. The advet for chairs may be posted in our website. νc

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DR

# Pandit Veera Swamy Naidu Chair in Electrical Engineering

Qualification: Ph.D in Electrical Engineering or Renewable Energy related area, with

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Electrical Engineering should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Renewable Energy sources and Energy conservation with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

#### Pandit Veera Swamy Naidu Chair in Life Sciences

Qualification: Ph.D in Biochemistry & Biotechnology or Microbiology or related to Genomics, with

i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )

ii.

15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Life Sciences should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Genomics with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

## Sri G. Venkitaswamy Naidu Chair in Commerce

Qualification: Ph.D in Commerce or Ph.D in Finance related area.

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions)
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Sri G. Venkitaswamy Naidu Chair in Commerce should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Stock Market / Derivative Market / Commodity Market / Mutual Funds / Insurance / Venture Capital Funds with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

#### Pandit Veera Swamy Naidu Chair in Electrical Engineering

Qualification: Ph.D in Electrical Engineering or Renewable Energy related area, with

i.

- 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Electrical Engineering should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Renewable Energy sources and Energy conservation with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

#### Sri G. Venkitaswamy Naidu Chair in Commerce

Qualification: Ph.D in Commerce or Ph.D in Finance related area.

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Sri G. Venkitaswamy Naidu Chair in Commerce should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

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# Pandit Veera Swamy Naidu Chair in Life Sciences

Qualification: Ph.D in Biochemistry & Biotechnology or Microbiology or related to Genomics, with

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii.

. . . .

15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Life Sciences should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

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- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

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### KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University Established Under Section 3 of UGC Act 1956) Pollachi Main Road, Eachanari Post, Coimbatore - 641 021. INDIA Phone No.: 0422-6471113-5, 6453777 Fax No: 0422 -2980022-3 Web: www.kahedu.edu.in Email ID: info@karpagam.com

27.10.2015

Note submitted to Vice-Chancellor:

It is submitted that Karpagam Academy of Higher Education Trust has donated Rs. 6 Crores for the creation of the following Chairs in the Karpagam Academy of Higher Education. (Deemed to be uniunts)

		Amount
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2.	Sri G. Venkitaswamy Naidu Chair in Commerce	Rs. 2 Crores
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The details of the chairs are placed below for perusal and approval.

If approved, whether the above proposal may be placed before the Board of Management for its approval.

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27/10/15

The matter may be placed for ratification in BOM. The adort for chairs may be posted in our website. Waxis . VC Draft Advit is put up below pl. fr Penusul and approved pl. fr Unin 17.11.15 Do R V.C

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Deposit Amount	( 2,00,00,000	Malunty Value	: 3,03,63,877.00
Period	; 1814 Days	Date Of maturity ~	: 04/07/2020
Amount in Words	: TWO CRORE ONLY		
Date Of Deposit	: 17/07/2015	interest Frequency	QUARTERLY
Interest run from	: 17/07/2015	Internet Banking Facility	: YES
Nominee Reg No	: Not Registered	Mobile Banking Facility	: NO
Date of Birth If Minor	; NA		
TDS Applicability	: YES		Still
est Pay Mode	: RE-INVEST		RESHMA SHARMA. N
Maturity Instruction	: AUTO RENEWAL		608-2134 AUTHORIZED SIGNATORY

Terms And Conditions:1) The interest Maturity Value is subject to TDS wherever applicable.2) interest rest on Quarterly basis 3) Preciosure Norms Applicable.4) Deposit ceases to attract any interest after due date if not renewed 5) Discouled value of interest will be given if opted for "monthly" payment 9) in case of Cumulative Deposit is subjected to TDS, maturity value will be not of TDS and consequential Interest loss on the TDS amount 7) in case of Man. Orimutative 1 Cumulative Deposit is provided for the provided BiProduct Change instruction rise the accepted only if it is introvided by the provided date of DS deducted at nenal rate of PAN is not submitted prior to TDS Deduction.

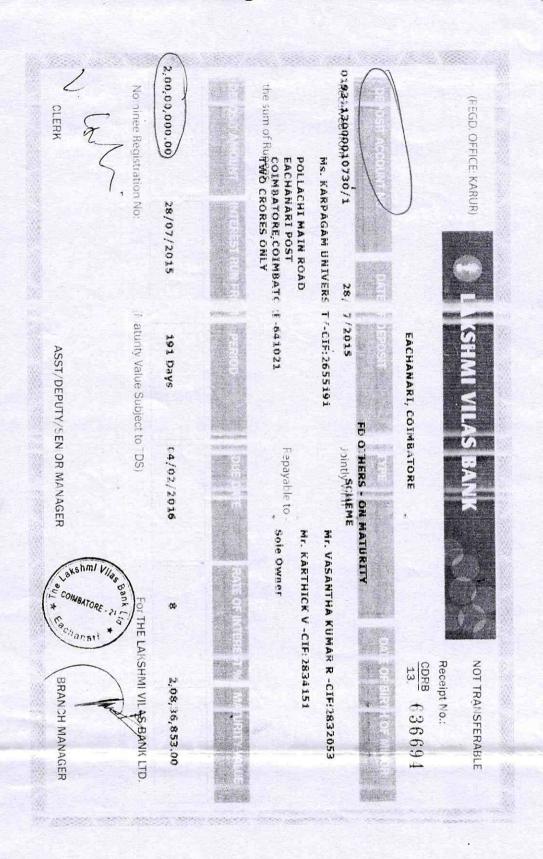
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Print Queue Inquiry Page 1 of 1 AXIS BANK KARPAGAM UNIVERSITY TERM DEPOSIT ADVICE AXIS BANK LIMITED "Trichy Road, Coimbatore" BRANCH (0477) TRICHY ROAD, COIMBATORE [IN] Trichy Road (Coimbatore), No/1619 A, Cheran NO 1619 A, CHERAN PLAZA Plaza, Trichy Road, Coimbatore 641 018, Tamil TRICHY ROAD Nadu COIMBATCRE 641018 RECEIVED FROM KARPAGAM ACADEMY OF HIGHER EDUCATION 14-A LIC COLONY KURUCHI COIMBATORE (477) Pin-641021 AMOUNT START DATE MATURITY ACCOUNT NUMBER INT? MATURITY AMT INR) (P.A) DATE (INR) -----914040033584953 2,00;00,000.00 9.20 22-08-2014 22-08-2016 2,39,90,266.00 Deposit Amount : Two Crore only. Two Crore Thirty Nine Lakh Ninety Thousand Two Hundred Sixty Si Maturity Amount: x only. TERM DEPOSIT Scheme Code RI RIC 1 LODGED WITH OUR Customer Id :849560908 TRICHY ROAD, COTMRATORE ITNI BRAPAN Number : AARTKAGADG Period of Deposit:24 month(s) Mode of Operation: ANY ONE TRUSTEE Nomination Status: Nominee not registered with bank EFFECTIVE RETURN: 9.975665% p.a. MOME: This advise should be preserved Premature Closure will attract penal rates as per Bank rules. -XÖ -> Maturity value is subject to TDS deduction, wherever applicable 580 Facility of renewal with retrospective effect not available to deposit that -> have been overque beyond tourteen days. W.e.f. May 1, 2014, penalty of 18 will be applicable on premature closures of all Ruppe Term Deposits in case of Deposits less than Pa 5 crores (includes Flexi deposits). This will apply to all new Term deposits opened/renewed on or after 1st May 2014 except for NRE Deposits.

http://finappin.axisb.com:8080/finioranch/prting/prting\_ctrl.jsp

8/22/2014

REGISTERED OFFICE "Trishul" – 3rd Floor, Opp. Samartheswar Temple, Near Law Garden, Ellisbridge, Anmedabad – 380 006.



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# Karpagam Academy of Higher Education Trust

S.F.No.559, Pollachi Main Road Eachanari Post Coimbatore – 641 021 Tamil Nadu. INDIA Phone : 0422-6471113, 6471114

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То

The Vice Chancellor Karpagam Academy of Higher Education Coimbatore – 641 021

Dear Sir,

The Karpagam Academy of Higher Education Trust is proud to create the following three chairs in the Karpagam Academy of Higher Education (Deemed to be University), Coimbatore-21.

- 1. Pandit Veerasamy Naidu Chair in Electrical Engineering
- 2. Sri.G.Venkitaswamy Naidu Chair in Commerce
- 3. Pandit Veerasamy Naidu Chair in Life Sciences

We also confirm that the following 3 FDRs each Rs.2 crores are meant exclusively for the purpose of the provision of the above chairs as per enclosure.

1. City Union Bank

3. Lakshmi Vilas Bank

2. Axis Bank

A/c No.500707020060476 A/c No.914040033584953 A/c No.636694

Thanking you,

Yours Sincerely, For KARPAGAM ACADEMY OF HIGHER EDUCATION

TRUSTEE

8.15

#### Pandit Veera Swamy Naidu Chair in Electrical Engineering

Qualification: Ph.D in Electrical Engineering or Renewable Energy related area, with

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Electrical Engineering should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Renewable Energy sources and Energy conservation with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

For KARPAGAM ACADEMY OF HIGHER EDUCATION RUSTEE. the and the set is a

#### Sri G. Venkitaswamy Naidu Chair in Commerce

Qualification: Ph.D in Commerce or Ph.D in Finance related area.

i.

- 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Sri G. Venkitaswamy Naidu Chair in Commerce should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Stock Market / Derivative Market / Commodity Market / Mutual Funds / Insurance / Venture Capital Funds with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

For KARPAGAM ACADEMY OF HIGHER EDUCATION TRUSTEE.

# Pandit Veera Swamy Naidu Chair in Life Sciences

Qualification: Ph.D in Biochemistry & Biotechnology or Microbiology or related to Genomics, with

- i. 10yrs of teaching / research after Ph.D. out of which at least 3 years at the level of Professor (in case of candidates from Academic Institutions )
- ii. 15 years of research / industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

Age limit: at the time of appointment as the Pandit Veera Swamy Naidu Chair in Life Sciences should not exceed 65 years. In case of exceptionally meritorious candidates the age limit may be relaxed.

The tenure for appointment to the chair shall normally be duration based. The incumbent will enjoy remuneration commensurate with experience and may be at the highest level for a professor in KAHE. The position caries an additional allowance of Rs. 25,000/= per month (over and above the salary of Chair professor). The position carries support in terms of free accommodation, research personnel, secretarial assistance, national and international travel and contingency expenses.

The Chair professor shall promote Teaching and Research in Genomics with general activities and responsibilities as follows:

- 1. To play a leading role in the University and steering it towards achieving excellence in research and education.
- 2. To develop R&D programme relevant to the needs of the University and nation.
- 3. To develop and participate in the academic programmes of the University and Co-ordinate research programmes in the energy area funded by various agencies.

An accomplished motivated personality willing to take up this challenging and rewarding opportunity may send his /her CV either in hand copy or by e-mail to Registrar, Karpagam Academy of Higher Education, Eachanari Post, COIMBATORE – 641 021. (registrar@kahedu.edu.in) by 30<sup>th</sup> Nov. 2015.

For KARPAGAM ACADEMY OF HIGHER EDUCATION

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## For KARPAGAM ACADEMY OF HIGHER EDUCATION

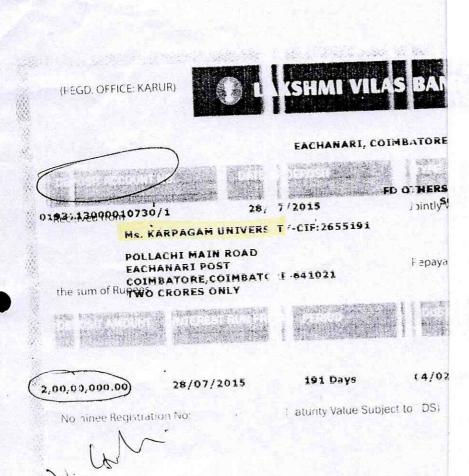
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#### KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University: Established Under Section 3 of UGC Act 1956) Pollachi Main Road, Eachanari Post, Coimbatore - 641 021. INDIA

Applications from eligible candidates are invited for appointment to the following chairs created in the Karpagam Academy of Higher Education (Deemed to be University established under sec. 3 of UGC Act 1956)

- 1. Pandit Veera Swamy Naidu Chair in Electrical Engineering
- 2. Sri G. Venkitaswamy Naidu Chair in Commerce
- 3. Pandit Veera Swamy Naidu Chair in Life Sciences

Qualifications: Ph.D in the respective specialization

- i. 20 years of Teaching / Research (atleast 10 years after Ph.D.) out of which at least 5 years at the level of Professor (in case of candidates from Academic Institutions)
- ii. 25 years of research / industrial experience out of which at least 10 years must be at a senior level ( in case of candidates from Industry)

Age limit: Age should not exceed 65 years. Salary and other details please refer our website: www.kahedu.edu.in

Apply with complete biodata within 15 days to the Registrar, Karpagam Academy of Higher Education, Pollachi Main Road, Eachanari Post, Coimbatore - 641 021 Phone : 0422 - 6471113, 6471114, 6471115, 2611082, 2611113 Email : <u>registrar@kahedu.edu.in</u>, info@karpagam.ac.in Website : <u>www.kahedu.edu.in</u>

