

APPROVED ACTIVITIES

Programme Type: ONE DAY SEMINAR

Programme Date: 27/12/2018

Days: 1

Title of the programme: Artificial Intelligence and Deep Learning for Application Inspired Engineering Research

Divisional Board: COMPUTER

Venue: E.G.S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

Grant Requested from HQ.: = 100000

Abstract of the Programme

Industry all over the world is facing huge scarcity of trained manpower in machine learning. Companies working in autonomous vehicular industry, Advanced Data science, image processing, video analytics are short of talent. The whole spectrum of applications important for our planet are waiting for new innovations and ideas due to this newly found potential around AI and Deep Learning. This workshop will help bring India to a prominent place in the field of AI and Deep Learning.

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. Pillay Engineering College,
 Nagapattinam (TN) TamilNadu

CLOSE

VIEW DETAILS

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The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

Near Ganesa Bus Stop, BHEL Main Office Road, Tiruchirappalli - 620 014.



98 Years of Relentless Journey towards Engineering Advancement for Nation Building

27.09.2018

The Principal,
E.G.S. Pillay Engineering College,
Nagapattinam


Sub: Sanctioning of grant for the two events - reg.

Respected Sir / Madam,

We are pleased to release the grant for the events which was conducted by "The Institution of Engineers (India), Tiruchirappalli Local Centre" in collaboration with E.G.S. Pillay Engineering College, Nagapattinam.


Event name	Cheque details	Amount
IOT and its Applications using Raspberry PI	466859; SBI-BHEL township, Tiruchirappalli	Rs.5656/-
Highlights of energy auditing in electric and thermal utilities (HEALTH)	466860; SBI-BHEL township, Tiruchirappalli	Rs.6162/-

Kindly find the cheques for 2 one day seminars conducted in your college after deducting taxi fare alone.


Thanks & Regards
S Lakshmanan, MIE,
Honorary Secretary,
The Institution of Engineers (India),
Tiruchirappalli Local Centre,
Tiruchirappalli - 620 014

Copy to: The coordinators

1. IOT and its Applications using Raspberry PI - Prof.G.Ganesan & Prof.S.Manikandan
2. HEALTH - Dr.S.Krishnamohan, Prof.G.Ganesan, Prof.G.Hari Narayanan & Prof.G.Sundaravadivel


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E.G.S. PILLAY ENGINEERING COLLEGE

(Autonomous)
NAGAPATTINAM - 611002

THE INSTITUTION OF ENGINEERS (INDIA), KOLKATA - STUDENTS CHAPTER - EGSPEC

Prof. G. Sundaravadivel
Convener - IEI students chapter

Dated: 28.01.2019

To
R&D Cell, Head-MCA
EGSPEC
Nagapattinam

Sub- Sanction of financial assistance for students chapter technical activity - Reg.,

Sir/Madam,

Approved an amount of **Rs.3,000/- (Three thousand only)** towards the conduction of technical activity for students of our Institution.

Approved title: **IOT for renewable energy**

Approved Date: **02.02.2019**

Thanks and regards,


(G.Sundaravadivel)

G. SUNDARAVADIVEL
IEI - STUDENT CHAPTER ADVISOR
E.G.S. PILLAY ENGG. COLLEGE
NAGAPATTINAM - 611 002




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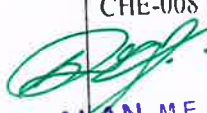
E.G.S. Pillay Engineering College,
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Nagapattinam (Dt) Tamil Nadd.

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
DOTE CAMPUS, CHENNAI-600025

APPROVED LIST OF STUDENT PROJECTS 2018-2019
ENGINEERING STREAM

CHEMICAL ENGINEERING

No	Guide Name & Address	Title of the Project	Student(s) Name	Code	Amf. Rs.
001	Dr. S. Vasudevan Associate Professor Dept. of Petrochemical Technology Anna University (DT Campus) Tiruchirappalli - 620024	Deep decolorisation of liquid fuels using toxic lipids	Abirami R Saranya R	CHE-001	7500/-
002	Dr. N. Saravanan Assistant Professor Dept. of Chemical Engineering National Institute of Technology Tiruchirappalli - 620015	Design of a controller for enhancing the hydrogen production in microbial electrolysis cell	Amal Pradeep Kumar K P	CHE-002	7500/-
003	K Chithra Associate Professor Dept. of Chemical Engineering A C Tech, Anna University Chennai-600025	Experimental Studies on Residual vacuum oil viscosity reduction	K Zehyan	CHE-003	7500/-
004	Dr P Mullai Professor Dept. of Chemical Engineering Annamalai University Chidambaram-608002	Bitumen binding with lignin for road construction - An eco-friendly approach	J Iyyappan	CHE-004	7500/-
005	K P Bhuvana Associate Professor Dept. of Plastics Technology Central Institute of Plastics Engineering and Technology Chennai-600032	Development of long lasting polymer material for floater systems to install photovoltaic panels in water bodies	Aakshai Kumar G Gayathri V Priya S Rathimalar S	CHE-005	7500/-
006	N Subramanian Assistant Professor Dept. of Chemical Engineering Kongu Engineering College Erode-638060	Biodegradable plastic from mixed starch	Haritha S R Chandra Choodan K Dravid Madhusudhanan K	CHE-006	7500/-
007	Raj Kumar A Assistant Professor Dept. of Petrochemical Engineering SVS College of Engineering Coimbatore-642109	Efficient Removal Of Acid And Base Dye From Aqueous Solution Using A Nanocomposite Of Polypyrrole grafted Sodium Alginate And Incorporated Bentonite	Mohamed Yasar I	CHE-007	7500/-
008	Dr J B Veeramalini Assistant Professor Dept. of Chemical Engineering Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai-600062	Comparative study and oxidative stability of various natural antioxidant potentials in essential oils	V N Kavya N U Yuvasri	CHE-008	7500/-
009	P Induja Assistant Professor	Synthesis Of Microcrystalline Cellulose, Silica And Imparting	G Ashwin A John	CHE-009	7500/-


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	Dept. of Civil Engineering Bannari Amman Inst. of Technology Sathyamangalam-638401	River Sathyamangalam to Kodiveri Dam Erode district, Tamilnadu	Gokulakrishnan V		
040	Prof.M Mohammed Younus Assistant Professor Dept. of Civil Engineering Government College of Engineering Tirunelveli-627007	Soil structural interaction study on FRP strengthened RC pile under lateral load	M Prabu	ECV-015	7500/-
041	Mr.Manikandan S Assistant Professor Dept. of Civil Engineering Francis Xavier Engineering College Tirunelveli-627003	Study on concrete by using waste plastic bottle caps as partial replacement to fine aggregate	Gnana priya S Iyammal R Jeyashree Bhavani S Kathija Beema S	ECV-016	7500/-
042	M.P.Revathi Assistant Professor Dept. of Civil Engineering Coimbatore Institute of Engineering and Technology Coimbatore-641109	Analysing the Strength of concrete by Using steel Fibre and Coconut fibre	R.Thamarai Kannan K.Udhaya Kumar A.Vairava Moorthy P.Vasanth Vadivelu	ECV-017	7500/-
043	Dr.R.Sudharsanan Associate Professor Dept. of Civil Engineering Velammal Engineering College,Cheennai 600066	Design Of Floating Farms Over a Reservoir	P.Divya Deepika.B P.Sneha M.Nandhini	ECV-018	7500/-
044	Mrs.A.Premalatha Assistant Professor Dept. of Civil Engineering Narasu's Sarathy Institute of Technology,Salem 636305	Experimental Investigation On Production Of Biogas By Using Water Hyacinth With Cow Dung	A.Saileela M.Nandhini V.vignesh M.Ramachandran	ECV-019	7500/-
045	M.Anbarasan Assistant Professor Dept. of Civil Engineering E.G.S.pillay Engineering College,Nagapattinam 611002	Experimental Investigation On Replacement Of Reinforcement By Using Banana Fibre and Glass Fibre With Polyester Resin	H.Mohamed ashik M.Mohamed Bahrudeen B.Murali Anand K.Prabu Rajan	ECV-020	7500/-
046	Dr.R.Nithya, B.Ambrin Associate Professor Dept. of Civil Engineering Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore-641108	Study on behaviour of bacteria in sand replaced concrete with red soil	T.karunyaa M.Priyadharshini S.Shanthini	ECV-021	7500/-
047	P.Benedict Prabhu Paul Assistant Professor Dept. of Civil Engineering DMI Engineering College Aralvaimozhi Kanyakumari-629301	Proposal of low cost pasumai veedu	K.S.Adharsh Lal P.Rajasekar C.Vijay I.Akhil Stalin	ECV-022	7500/-
048	A Velumani Professor & HOD Dept. of Civil Engineering SNS College of Engineering Coimbatore-641107	Gypsum Based Paver Blocks with Zero Percentage of Cement and Sand	Akshay R Hemalakshmi M Lokesh Kumar K Jagthesh T	ECV-023	7500/-
049	M Sugunadevi Assistant Professor Dept. of Civil Engineering Sri Krishna College of Engg., Coimbatore-641008	Stabilization of clayey soil using waste plastic material as an additive	S Vignesh P Elangesh Kumar P Jegadeesh D Venkatesan	ECV-024	7500/-
050	N Vignesh Kumar Assistant Professor	Geopolymer Concrete with Terminalia Chebula and Prosopis	M Muniywaran S Mohammed Iqlash	ECV-025	7500/-

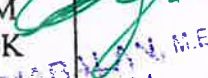
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	Dr.p.Avirajamanjula Associate Professor Dept. of EEE PRIST Deemed to be university Vallam Thanjavur - 613 403	Land slid warning and monitoring system through smart phone by using optimized solar powered wireless sensor network	P.Ibrahim Khaleel Subodh Prasad R.Pragadeesh Tummalapenta Venkata Sivasai Maheshbabu	EEE- 114	7500/-
240	Kabilan.P Assistant Professor Dept. of ECE Saveetha Engineering College Thandalam, Chennai - 602 105	Automatic car crash detection and messaging system using vibration sensor	Anirudh.K Bhurath Raj.A Gunamidhi.K Aravinth.V	EEE- 115	7500/=
241	Dr.A.Vijayakumar Professor, Dept. of EEE Anjalai Ammal Mahalingam Engineering College Kovilveni - 614 403	Fabrication and performance analysis of ultracapacitors from agricultural waste based activated charcoal electrodes for e-vehicles	R.Amarnath N.Munikan K.Manish P.Pravinkumar	EEE- 116	7500/-
242	Mrs.K.Rajalakshmi Assistant Professor Dept. of ECE Bannari Amman Institute of Technology Sathyamangalam	Child safety band with shock pulse tracking using GSM Module	R.Aravind B.Rokith Vijay P.Sathishkumar	EEE- 117	7500/-
243	Ms.T.Renita Pearlin Assistant Professor Dept. of EEE Sri Guru Institute of Technology Coimbatore - 641 110	Design and implementation of flying fortune using Quad copter and signal booster	N.Dharani Prabhu R.Ranjitha Raj B.Manu Dileep S.Sakthivel	EEE- 118	7500/-
244	Dr.R.Jothi Chitra Professor Dept. of ECE Velammal Institute of Technology, Panchetti-601204	Design of pentagonal fractal wearable antenna for soldier location tracking	A.Lokesh D.Mukesh G.Navancedhan	EEE- 119	7500/-
245	Mr.V.Karthikeyan Associate Professor Dept. of ECE Vivekanandha Engineering College, Tiruchengode-637 205	Eco-friendly plastic waste disposal vendor machine	P.Aarthi R.Divya S.Kirubasri M.Mehala	EEE- 120	7500/=
246	Sasithradevi.A Assistant Professor Dept. of ECE VV College of Engineering V.V.Nagar Tisaiyanvillai - 627 657	Design and Implementation of Smart drinking water quality monitoring system	J.Betrishiya I.Christy J.Jelziah Roseline	EEE- 121	7500/-
247	S.Vijaya Assistant Professor Dept. of EEE Karpagam Institute of Technology, Bodipalayam Coimbatore - 641 105	Alcohol analyzing helmet to prevent accidents	B.Vetrivel J.Inishyaswetha A.Shalini Devi K.S.Kaarthic	EEE- 122	7500/-
248	S.Jaya Prakash Associate Professor Idhaya Engineering College for Women, Viduthalaipuram Chinnasalem - 606 201	Live Stock Management System	K.Preethi G.Gayathri R.Jayapratha	EEE- 123	7500/-
249	K.Nandakumar Assistant Professor E.G.S Pillay Engineering College	Monitoring and controlling of solar and wind power plants using IoT	M.Arunachalam K.Mohamed Abdul Kader S.Ranjithkumar	EEE- 124	7500/-

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	Dr. J. Mekala Devi Assistant Professor Dept. of History S.F.R. College for Women Sivakasi-626123	The economic status of women employees in Sivakasi- A study	Muthulakshmi M	SS-014	7500/-
297	Dr. S. Sethu Assistant Professor Dept. of Physical Education and Sports Manonmaniam Sundaranar University, Tirunelveli-627012	Effect of Yoga and meditation on motor skills and mental well-being among school children	Thanga Banu S Sanitha S S Muthu Prabu S Muniyandi K	SS-015	7500/-
298	K.S. Shanmugaraj Assistant Professor Dept. of EEE N.S.N. College of Engineering and Technology Karur-639003	Children protection system against kidnaping and abduction using IoT technologies	Bharatha Mahamuni K Arunkumar M Karthik raja S S	SS-016	7500/-
299	Dr. D. Muthukrishna Veni Associate Professor MBA Department Velalar College of Engineering and Technology Thindal Erode - 638012	A study on recycling of grey water and utilizing it to agriculture land in Erode district	Sridhar G	SS-017	7500/-
300	P. Vinotha Assistant Professor Dept. of Management Studies E.G.S. Pillay Engineering College Nagapattinam - 611002	A survey on digitalization systems of education in government school at Nagapattinam region	Buchiya A	SS-018	7500/-
01	Dr. J. S. Leena Jasmine Associate Professor Dept. of ECE Velammal Engineering College Chennai-600066	Enabling independent navigation for visually impaired people through wearable vision-based feedback system	Hemalatha S Dharika Devi T Valliammai N Hasmitha K	SS-019	7500/-
02	K.P. Nithya, P. Priya Assistant Professor Dept. of EEE Panimalar Institute of Technology Chennai-600123	Solar electrical vehicle	Aswith Raj K Balaji M S Dhanasekaran K P	SS-020	7500/-
03	Dr. P. Vanitha Associate Professor Dept. of Management M. Kumarasamy College of Engineering Karur-639113	A study on the importance of social workers with special reference to autism hospitals in Karur district	Aarthy S karthick M	SS-021	7500/-
4	Dr. J. Dheeba Assistant Professor Dept. of MBA Priyadarshini Engineering College Vellore-635751	A study on retail sectors perception on GST with special reference to Vellore district	Ramya V	SS-022	7500/-
	V. T. Baalaji Amuthan Assistant Professor Dept. of Management Studies Valliammai Engineering College, Kancheepuram-603203	Rehabilitation of natural fertilizers to the farmers in Kanchipuram district with reference to the Amma Bio-fertilizers scheme	Bragadhcesh C Divya S Aarathi Krishna M K Anandh Kumar J	SS-023	7500/-


 D.D.R. S. AMMALAN M.E.T.D.
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 Thindal, Erode - 638012
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भारतीय तकनीकी शिक्षा संस्था INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1871)

Prof. Valdya Vijay Dattatray
Executive Secretary

ISTE/Socn./7018-17


January 11, 2017

Proceedings of the Executive Secretary, ISTE

Award recognition is hereby accorded from ISTE for "Student Project awards"
for the projects indicated:

Selected students members will receive certificates and medal (02 per project).

Project title	Student members	Project guide
Single axis solar panel controller and power optimization	E. Bhavadharani K. Karpagam	Prof. S. Senthil Kumar
Collision detection warning system using Li-Fi	M. Ajithra R. Jamuna	Prof. T. Senthil Kumar
Sea localization and border alert system for fishermen	S. Lashmi R. Devadharshini	Prof. S. Chitra
Autonomous plastic disposal robot	R. Yuvasri T. Ramya	Prof. S. Chitra
Colour balance and fusion for underwater Image Intensification	R. Swathini S.A. Santhiya	Prof. S. Ramachandran
A new design of lab scale vertical axis wind mill	S. Agathiyar S. Abdul Rajick Sahib	Prof. G. Ganesan@Subramanian
Performance analysis of Brushless DC motor using Maxwell	S. Agathiyar S. Abdul Rajick Sahib	Prof. G. Ganesan@Subramanian
IOT based gas leakage detection systems using robot	S. Siva M.Santhoshkumar	Prof. S. Sivamani
Identification of cracked or damaged solar cell using IOT	C. Roja M. Buvanewari	Prof. S. Latha
Smart Vehicle Monitoring System For Accident Detection Using WSN	M. Arunachalam V. Sathish	Prof. K. Nandhakumar
Mechanical properties of fibre reinforced geo polymer concrete using flyash, GGBS and polypropylene fibres with a partial replacement of normal sand manufacturing sand.	A.Arul murugan R. Chandran	Prof. P. Malliga


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INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1907)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/S.M./2018-19

January 21, 2019


Proceedings of the Executive Secretary, ISTE

Project title	Student members	Project guide
Experimental study on bitumen pavement using recycled fillers	Mohamed Abideen Naveeth Ahmed	Prof. G. Prakash
Experimental Investigation on wood based sandwich panel	M. Janaki E. Elakiya	Prof. T. Adhavanathan
Object recognition using deep learning	T. Nimal raj P. Kathiravan	Dr. M. Chinnadurai
Smart water management in housing society using IOT	B. Anuradha S. Sandhiya	Dr. S. Appavu @ Balamurugan
Division and replication of data for optimal performance and security in cloud	R. Viji V. Vinitha	Prof. K. Kalaivany
Hostel girls security system	Devi priyanka Vasumathi	Prof. K. Raju
Grievance redressal through App and IVRS in ICDS	G. Tamilkodi S. Deepa .	Prof. R. Anandababu
Investigation of stepped solar still	S. Iyappan J. Jermin Albert	Prof. A. Arunkumar
Easy detection of BHN using image processing techniques	P. Manimaran T. Manikandan	Prof. S. Harish kirthi

To

Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College (Autonomous)
Nagapattinam - 611002
Tamilnadu State


Executive Secretary


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