

**TAMILNADU 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	Amt. Rs.
001	Dr. S. Venkatesan Associate Professor Dept. of Petrochemical Technology Anna University (BIT Campus) Tiruchirappalli - 620024	Deep desulfurisation of liquid fuels using ionic liquids	Abirami R Saranya R	CHE-001	7500/-
002	Dr.N. Samsudeen 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 Premkumar 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 Zeliyan	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/-

	Dept. of Chemical Engineering Erode Sengunthar Engineering College Erode-638057	Their Properties To Bioplastic Produced From Wheat gluten And Fish Scale	S Manikandan Honey Sree Laya		
010	P. Rajitha Assistant Professor Dept. of Chemical Engineering The Kavery College of Engineering Salem - 636453	Production of biodiesel from microalgae	Lakshmipathi R Gurunathan P Marivignesh A Ramkumar M	CHE-010	7500/-
011	J Sheeba Vinolia Priyadharshini Associate Professor Dept. of Chemical Engineering St.Peter's College of Engineering and Technology Chennai-600054	Manufacture Of Eco Friendly Printing Inks Using Waste Vegetable Oil	L R Baggio Sunle Raj S Arjun C Domanic Berlin	CHE-011	7500/-
012	G Ganesh Kumar Assistant Professor Dept. of Chemical Engineering Adhiparasakthi Engineering College Melmaruvathur-603319	A study on physico chemical and heavy metals characteristics of Madhuranthagam lake, Tamilnadu, India	S Shanmuga Priyan S Seenivasan K Ajith	CHE-012	7500/-
013	S S Meenambiga Associate Professor Dept. of Bio-Engineering Vels Institute of Science, Technology and Advanced Studies, Chennai-600117	Nanoparticle Synthesis From Olea europaea (Fruit) And Its Activity Against Oral Pathogens	S Ananth Vikranth R Krishna Veni	CHE-013	7500/-
014	Dr S Kavitha Associate Professor Dept. of Petrochemical JCT College of Engineering and Technology Coimbatore-641105	CFD Analysis Of Catalytic Converter To Reduce Particulate Matter And Achieve Limited Back Pressure In Diesel Engine	Harihara Pramesh M	CHE-014	7500/-
015	B. Vijaya Kumar Assistant Professor Dept. of Petrochemical Engineering RVS College of Engineering and Technology Coimbatore - 641402	Optimization and kinetics studies for the production of biofuel from tannery waste using nanocatalyst	Asheesh D Rose Ashok V Gangatharan R Makesh M	CHE-015	7500/-
016	U Gayathri Associate Professor and Head Dept. of Chemical Engg. Sengamala Thayaar Educational Trust Women's College, Mannaargudi-614016	Phytochemical properties of Aerva lanata, pedaliium murex and evaluation of antimicrobial activity	K Anusuya S Sivaranjani A Suganya	CHE-016	7500/-
017	Dr G Srinivasan Professor Dept. of Chemical Engineering Paavai Engineering College Namakkal-637018	Biodiesel production from jatropha oil using biological enzyme(LIPASE)	T U Shifas Mohammed Shaijilbabu T Saravanan G	CHE-017	7500/-
018	M Saravanan Associate Professor	Development of self cleaning finish in home textile material	V Yariharisudhan S Kavya	CHE-018	7500/-

	Dept. of Textile Technology Kumaraguru College of Technology Coimbatore-641049		P.M Muthuvelan		
019	Dr. D. Sridharan Assistant Professor Dept. of Chemical Engineering Anjalai Ammal Mahalingam Engineering College Thiruvarur - 614403	Development of handheld and inexpensive potentiostat for applications of electrochemical sensors	Raj Thilak S Shankar M	CHE-019	7500/-
020	Ms.Asha Devi U Associate Professor Dept. of Petroleum Engineering Dhaanish Ahmed College of Engineering,Padappai Kanchipuram-601301	Energy Generation through Gas Hydrates Formation and Dissociation Hysteresis Loop	G Md Majith Shohail Bharath S Manikandan S Purachi Kanal A	CHE-020	7500/-
021	MR Prince Immanue Head of the Dept. Dept. of Chemical Engg., Arulmigu Meenakshi Amman College of Engineering Vadamavandal-604410	Production of Biofuel from High Invasive Risk Native Plant	Brighten Balakrishnan Sethupathi M	CHE-021	7500/-
022	R Sangeetha Assistant Professor Dept. of Chemical Engineering Shri Sakthikailash Women's College,Salem-636003	Fabrication of PEG/Sm substituted apatite biocomposite for orthopaedic applications: In vitro physicochemical and biochemical studies	N Aishwariya	CHE-022	7500/-
023	Dr. M. Aynul Rifaya Associate Professor Dept. of Biotechnology P.S.R. Engineering College Sivakasi - 626140	Anti cancer activity of beta- sitosterol in Sphaeranthus indicus , antiviral activity against corona and antihyperlipidemic activity	Christy Priya A Kalai Selvi V Rama B	CHE-023	7500/-
024	Dr. A. Pavithra Assistant professor Dept. of Biotechnology Women's Christian College Chennai - 600006	Study on extraction of eco-friendly natural dyes from various plant sources and their evaluation on fabrics	Anitha S	CHE-024	7500/-
025	Mr.P Sivakumar Assistant Professor Dept. of Chemical Engg., Coimbatore Institue of Technology Coimbatore-641014	Optimization of E-waste for the recovery of gold using extractive metallurgical techniques	M Deepthi Shivani S.Shrinidhi	CHE-025	7500/-

CIVIL ENGINEERING

026	Dr.O.Senthilkumar Associate Professor Dept. of Civil Engineering Ramco Institute of Technology Rajapalayam-626117	An eco friendly solution for sewage water treatment using natural herbs and Ag nanoparticles	Raghul T Ram Kumar K Vijaya Kumar K Ajay Kumar E R	ECV-001	7500/-
027	Mr.R.Gowrishankar Head Dept. of Civil Engineering VSB Engineering College Karur-639111	Mitigation of flood hazard level in agricultural field by using sensor model	K.Dinesh R.Manoj P.Mahendran A.Devendran	ECV-002	7500/-
028	Mrs.V.M.Rajanandhini Assistant Professor	Development of model for trip generation by multi nominal	S.Mouliwaran V.Poomani	ECV-003	7500/-

	Dept. of Civil Engineering University College of Engg., Nagapattinam-610204	logistic regression model- a socio economic study at Thiruvarur District	C.Sakthidasan M.Veeraselvam		
029	Mr.A.Vishnu Assistant Professor Dept. of Civil Engineering Kumaraguru College of Tehnology, Coimbatore-641049	Experimental investigation on fibre reinforced self-curing concrete using polyethylene glycol (PEG)	Maniikanda Prasath K	ECV-004	7500/-
030	Dr.R.Viji Assistant Professor Dept. of Civil Engineering University College of Engg BIT Campus Tiruchirapalli 620024	Feasibility Study on Chemical recovery of Polymeric Waste products and its impacts on the Environment	Aravind V	ECV-005	7500/-
031	R T Balamurali Assistant Professor Dept. of Civil Engineering Centre for Rural Technology Gandhigram Rural Institute Dindigul-624302	Study on utilization of steelslag and rice husk ash (RHA) in geopolymer concrete	Veera Vishodhana V I Deepan Chakravathy R	ECV-006	7500/-
032	Dr.A.Murugesan Professor Dept. of Civil Engineering Sona College of Technology Salem 636005	Strength and Behaviour of Triangular hollow steel beam by using cold form steel section	A.Ramachandran	ECV-007	7500/-
033	Soundari L Assistant Professor Dept. of Civil Engineering IFET college of Engineering Villupuram-605108	Paver block using fique and banana fiber	Devanraj Y Charlash Immanuvel	ECV-008	7500/-
034	Dr.M.Uma Magesvari Associate Professor Dept. of Civil Engineering SRM Easwari Engg College Chennai 600 089	Studies on pervious geopolymer concrete	S.Vaishali K.S.Sashitharan M.Mohamed Zubair P.S.Munish Kumar	ECV-009	7500/-
035	Mr.R.Kokilan Assistant Professor Dept. of Civil Engineering SCAD Inst. of Technology Palladem-641664 Tiruppur -Dt.,	Utilisation of fish waste for production of biogas and vermicomposting	G.S.Gayathri S.Karthika S.Kiruthika P.Vinothini	ECV-010	7500/-
036	Mr.A.Vignesh Assistant Professor Dept. of Civil Engineering Shrinivasa Engg College Dharmapuri-635301	Experimental analysis of recycled polyethylene and crumb rubber modified bitumen	M.Divya S.Meena P.Pavithra D.Soundarya	ECV-011	7500/-
037	Mr.R.Santhosh Kumar Assistant Professor Dept. of Civil Engineering The Kavery Engg College M.Kalipatti-636453 Salem-Dt.,	Earthquake resistance building by using electromagnets	Venkat Ragul R Raju S Sowndernath P Vijayakumar K	ECV-012	7500/-
038	Dr.B.Venkatesan Assistant Professor Dept. of Civil Engineering Anna University Regional Campus,Tirunelveli-627007	Strength and properties of concrete in partially replacement of M-sand by steel slag	E Ravi Sankar	ECV-013	7500/-
039	Dr.K.Babu Assistant Professor	Flash flood impact analysis using Gis: A case study for Bhavani	Nandha Kishore S Sakthivelan B	ECV-014	7500/-

	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.Vasantha 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 Elangeshkumar P Jegadeesh D Venkatesan	ECV-024	7500/-
050	N Vignesh Kumar Assistant Professor	Geopolymer Concrete with Terminalia Chebula and Prosopis	M Munieswaran S Mohammed Iqlash	ECV-025	7500/-

	Dept. of Civil Engineering Kamaraj College of Engg., Mathuri-625701	julifera extract as bio additives and copper slag as replacement of fine aggregate	J K Nirmal Raj M Bharath Bala		
051	Ms.B.Krishnapriya Assistant Professor Dept. of Civil Engineering Sri Vidya College of Engg & Technology Virudhunagar-626005	Recycled aggregate in the concrete manufacturing	Saranya S.M. A.Rubha Varshini	ECV-026	7500/-
052	S Kokila Assistant Professor Dept. of Civil Engineering R M K Engineering College Kavarapettai Thiruvallur- 601206	Graphene oxide Reinforced concrete	Lavanya I Raja Rajeshwari M	ECV-027	7500/-
053	A Belin Jude Assistant Professor Dept. of Civil Engineering M I E T Engineering college Trichirapalli - 620007	Self renovation of building cracks with biological action	B Abdul Aziez R M Anumantha Arasam Govan M Mahaboob Shareef K Muhammed	ECV-028	7500/-
054	G Vani Associate Professor Dept. of Civil Engineering MAM College of Engineering and Technology,Singanur Trichy-621105	Treatment of polluted ground water by natural purification process	C Thirumeninathan P Raghul S Veera Manikandan S Soundhar	ECV-029	7500/-
055	M. Bhuvanewari Assistant Professor Dept. of Civil Engineering Roever College of Engineering and Technology Perambalur- 621220	A study on the strength behaviour of Concrete by partial replacement of cement with cotton plant ash	B. Giriharan M. Manikandan P.Palraj V. Gowthaman	ECV-030	7500/-
056	Elayaraja S Assistant Professor Dept. of Civil Engineering PSG Institute of Technology and Applied Research Coimatore-641062	An experimental study on infrastructural damages due to landslide in nilgiris and its remedial measures	Dinesh Kumar A Pavithraa J S Vimal Kumar U	ECV-031	7500/-
057	Mr.R.Veeravel Assistant Professor Dept. of Civil Engineering Arasu Engineering College Thanjavur-612501	Repair and renovation of heritage monuments around Tanjore district by using Self Healing Concrete	M.Sabari Lakshmi	ECV-032	7500/-
058	PD Arumairaj Professor of Civil Engg., Karunya institute of Technology and sciences Coimbatore-641114	Application of geopolymers in stabilization of soft soil	Arun E	ECV-033	7500/-
059	C Jayaguru Professor Dept. of Civil Engineering PSNA college of Engineering and Technology Dindigul-624622	Improving the shear strength and load carrying capacity of voided slabs with polypropylene U-boots using engineered cementitious composites	Sharan Karthik PM Saravanan G Sabari B Sivagurumunish S	ECV-034	7500/-
060	Karthikeyan K Assistant Professor Dept. of Civil Engineering Sri Ranganathar Institute of Engineering and Technology Coimbatore-641110	Experimental Investigation of self healing flexible pavement with crumb rubber	Nandhini R Praveenraj K SowmiyaS Velmurugan G	ECV-035	7500/-
061	Dr.K.P.Senthilnathan Head	Silicone rubber reinforcement	S.Padma A.Arthi	ECV-036	7500/-

	Dept. of Civil Engineering Chettinad College of Engineering & Technology Karur-639114		M.Mohamed Irshadh Vasudevan Ela ECV-036		
062	G Ramesh Kumar Assistant Professor Dept. of Civil Engineering NGP institute of technology Coimbatore-641048	Experimental Investigation on strength and durability characteristics of rubber reinforced concrete	Suresh P Arunima D Nandhagiri K	ECV-037	7500/-
063	S Rajaprakash Associate professor Dept. of Civil Engineering Aarupadai Veedu Institute of Technology Paiyanoor-603104	Structural Monitoring of building using IOT	Pradeep PV Rishi Kumar S Bala Murugan A Praveen M	ECV-038	7500/-
064	Dr.J Logeshwari Assistant Professor Dept. of Civil Engineering Vel tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology Chennai- 600 062	Influence of industrial byproducts as additives on permeability of sand	M Aravindan B Arjun kumar G Hemnath	ECV-039	7500/-
065	T.Vasugi Assistant Professor Dept. of Civil Engineering Saveetha Engineering College Chennai-602 105	Black cotton soil bricks	Anjali Inigo.I Gajalakshmi.P Deepika.B Ezhilarasi.S	ECV-040	7500/-
066	P Ramalingam Associate Professor Dept. of Civil Engineering Sri shanmugha College of Engineering and Technology Pullipalayam 637 304	Agricultural waste materials as potential adsorbent for treating industrial waste water	Mekala S Varshini V S Boomathi S	ECV-041	7500/-
067	Tamilselvam M Assistant Professor Dept. of Civil Engineering AVS College of technology Salem-636106	Structural behaviour of RCC Beam and durability properties of steel slag aggregate in concrete	Vigneshwaran P Vinothkambili M Aravindan S	ECV-042	7500/-
068	K Mohana Priya Assistant Professor Dept. of Civil Engineering Erode Senguthanar Engineering college Erode 638 057	Experimental Investigation on textile waste used in concrete	M Sivaram M Sumegan S Venkatesan K Raja	ECV-043	7500/-
069	Dr.G.Ramasamy Professor Dept. of Civil Engineering Builder's Engg College Tirupur-638108	Utilisation of stone crusher dust in construction fills	S.Sivasekaran N.Soundarya R.Subalakshmi	ECV-044	7500/-
070	Dr.M.Kalaivani Assistant Professor Dept. of Civil Engineering KSR College of Technology Tiruchengode-637215	Strength and durability characteristics of fly ash-GGBS based geopolymer concrete using foundry sand	D.Elakyah ECV-044	ECV-045	7500/-
071	E Ravi Professor and Head Dept. of Civil Engineering Velalar College of Engineering and Technology Erode-638012	Experimental investigation of Behaviour of Shear Strength and compaction characteristics of Clayey soils with addition of textile sludge and flyash	Arun Kumar S T Bhavanesh B Surya Fernandez Maria Selvam C	ECV-046	7500/-
072	R Balamurugan Assistant Professor	Experimental study on the effective utilization of e-waste with flyash in	Kamalakkannan D Vignesh M	ECV-047	7500/-

	Dept. of Civil Engineering Institute of road and transport Technology,Erode - 638316	concrete	Boobalan E Halith Ali A		
073	D Brindha Assistant Professor Dept. of Civil Engineering Thiagarajar College of Engineering,Madurai - 635015	Influence of hybrid fibers and copper slag in concrete under static loading condition	S A Thalavai Ragavan	ECV-048	7500/-
074	P Magudeaswaran Assistant Professor Dept. of Civil Engineering Dr. N.G.P. Institute of Tech., Coimbatore - 641048	Novel structural binder on Iron carbonation - a greener alternative to concrete	Kiran K Shabeer Shunsudheen Srivignesh N K	ECV-049	7500/-
075	P Amsalega Assistant Professor Dept. of Civil Engineering C K College of Engineering and Technology Sellankuppam, Cuddalore - 607003	Experimental study of sugarcane waste as a filler material on self compacting concrete	Mathankumar S Puvarasan R Vignesh S	ECV-050	7500/-

COMPUTER SCIENCE AND ENGINEERING

076	Mr.P.Deepak Assistant Professor Dept. of Computer Science and Engineering Einstein College of Engg., Sir C.V.Raman Nagar Tirunelveli - 627 012	E-agriculture - using technology to empower farming communities	L.Abinash Raju C.Esakki Raj A.Lebin Sebastin	CSE-001	7500/-
077	Ms.L Jaba Sheela Professor Dept. of Computer Science and Engineering Panimalar Engineering College,Chennai-600123	Eve Teasing Threatener	P Safrin P Shanmugapriyaa S Sindhu	CSE-002	7500/-
078	Mrs.V.Preetha Assistant Professor . of CSE Sri S Ramasamy Naidu Memorial College Sattur - 626 203	Performance analysis and predictive scope of differently abled students in ICT enabled classroom environment by using data mining approach	P.Srikumaran I.Samsundar	CSE-003	4000/-
079	Ms.R.Sahila Devi Assistant Professor Dept. of Computer Science and Engineering Rohini College of Engineering and Technology,Palkulam Kanyakumari - 629 401	SAB'S (Smart alert for blinds)	Abish.J Nagulesh.I Hariharan Gnana Jones Vishnu Akash	CSE-004	5000/-
080	Mrs.R.Aswini Assistant Professor Dept. of Computer Science and Engineering IFET College of Enginnering Gangarampalayam-608 108, Villupuram- Dt.	Sculptures survillence system using zigbee and NB-IOTTechnology	Shabana.K Rajeenabanu.A.R	CSE-005	7500/-
081	Dr.Bindha Devi.V Head,Dept. of Information Technology Sri Sairam Inst. ofTechnology Tambaram West Chennai - 600 044	Resource mobilization for calamities - REMOC	Neeraja.S Queency Leena Sawyer.W Pavitra.P	CSE-006	5000/-
082	Dr.S.Chakaravarthi Associate Professor	Smart mirror for the blind	Sylvester anthony.A Mohanasundram.M	CSE-007	6000/-

	Dept. of Computer Science and Engineering Velammal Engineering Velammal Nagar Chennai - 600 066				
083	Ms.S.Vanitha Assistant Professor Dept. of Computer Science and Engineering Dr.N.G.P. Institute of Technology Coimbatore - 641 048	Voice Based email system for blinds	M.Gowtham P.R.Harshitha B.Nireen Bharathi	CSE-008	5000/-
084	Dr.J.Yogapriya Dean (R &D) Dept. of Computer Science and Engineering Kongunadu College of Engineering and Technology Tholurpatti Trichy - 621 215	Automated external nipah virus defect detection system in banana	Bharanidharan.P Shanmugaraj.K.R Parameshwari.M Shalini.P	CSE-009	5000/-
085	Dr.J.Nirmaladevi Associate Professor Dept. of Computer Science and Engineering Excel Engineering College Komarapalayam-637303, Namakkal Dt.	Implementation on Intelligent assistive mechanism for deaf-dumb	Monisha.M Rajeshwari.A Karthikeyan.V	CSE-010	7000/-
086	Mr.S.Ramesh Assistant Professor Krishnasamy College of Engineering and Technology S.Kumarapuram Cuddalore - 607 109	Smart Stick for Elders safety	D.Lakshmi Devi K.Dhanalakshmi V.Ishwarya K.Kanga Preetha	CSE-011	7500/-
087	Mr.T Anto Theepak Assistant Professor Dept of Information Technology Francis Xavier Engineering College, Tirunelveli-627003	Energy Saver and GSM Based Smart Energy Meter for Automatic Instant billing of Electricity Changes	Nesan Jose Rajan Y Nadar Shashikant Ashok Mani Barathi C	CSE-012	7500/-
088	Mrs.D.Murugeswari Assistant Professor Dept. of Information Technology Panimalar Institute of Technology, Poonamallee Chennai - 600 123	Child safety monitoring by android app using IoT	Shruthi.S Sushma.S.B Swethalakshmi.S Kamalaeswari RA	CSE-013	6000/-
089	Mrs.V.Rathinapriya Assistant Professor Dept. of Computer Science and Engineering Easwari Engineering College Ramapuram Chennai-89	An imperative aid that assists the dyslexic to read	Harigovinth.E Hari Eshwar.G Hari Ganapathy.K Maheswar.A	CSE-014	7500/-
090	Mr.B.K.Parthipan Assistant Professor Dept. of Mechatronics Kamaraj College of Engg. and Technology K.Vellakulam Virudhunagar-625701	Design and fabrication of hand gesture into voice conversion system for deaf and mute people	S.Senthil Rajan N.Sankaranarayanan M.Thamarai	CSE-015	4000/-
091	Dr.J.Vandarkuzhali Associate Professor	Mobile app based trauma alert of two - wheeler crash injuries and	T.Dhanasekaran R.Paramasivam	CSE-016	5000/-

	Dept. of Computer Application Erode Sengunthar Engineering College, Perundurai Erode - 638 057	alive human detection	M.Hemalatha		
092	Mr.S Saravanan Associate Professor Dept. of Computer Science and Engineering M Kumarasamy College of Engineering, Karur-639117	Building a Smart Hydroponic Farming Eco System using Internet of Things	S Logeshwaran	CSE-017	7500/-
093	Mr.J.Briso Becky Bell Assistant Professor Dept. of Computer Science and Engineering DMI Engineering College Aralvaimozhi - 629 301	Indoor crop plantation using IOT based climatic control growth regulator technology	Pravin Raj.P.S Monish.S Timo Abraham.Y	CSE-018	6000/-
094	Ms.J.Kalaivani Associate Professor Dept. of Information Tech., IFET College of Engineering Gangarampalayam Villupuram - 605 108	Automated prevention of Industrial accidents using IoT	Janarthan.R Mohammed Thouseef.N	CSE-019	6000/-
095	Dr.S.Kanaga Suba Raja Associate Professor Dept. of Information Technology Easwari Engineering College Ramapuram, Chennai- 600 089	Design and development of fertilizer recommendation system for farmers	S.R.Ronak S.Rengarajan P.Ravindran	CSE-020	7000/-
096	Mr.D.Palanivel Rajan Assistant Professor Dept. of Computer Science and Engineering Coimbatore Institute of Engineering and Technology Vellimalai pattinam Coimbatore - 641 109	Smart Trash - A step for clean India	Tharani.V Thejaswini.R Gayathri.K	CSE-021	7000/-
097	Dr.R.Jaichandran Assistant Professor Dept. of Computer Science and Engineering Aarupadai Veedu Institute of Technology Paiyanoor-603104, Kanchipuram – Dt.,	Sentiment analysis on twitter data to understand public opinion on NEET exam in India	H.Dhrithimanth Prabhu	CSE-022	5000/-
098	Dr.C.Balakrishnan Assistant Professor Alagappa Institute of Skill Development Alagappa University Karaikudi - 630 003	Shishu Suraksha: A Mobile App for maternal/ infant mortality control in rural areas	Ram Prakash.S	CSE-023	6000/-
099	Ms.Nirmala Santiago Associate Professor Dept. of Computer Science and Engineering Loyola College of Engineering and Technology Chennai - 600 034	Interactive virtual historical monuments of Tamilnadu	Romey Christo.D	CSE-024	5000/-
100	Dr.S.Balaji Professor	Identification of Influential Spreaders and Fictitious messages	M.Jasmine @Rajakani	CSE-025	4000/-

	Dept. of Computer Science and Engineering Francis Xavier Engineering College, Tirunelveli - 627 003	in Social Media	J.Christina Sahaya Mary		
101	Mr.K.Tamilselvan Assistant Professor Dept. of Computer Science and Engineering A.V.C. College of Engg., Mannampandal-609205 Nagapattinam Dt.	Public School Food Scheme Management	M.Saaipriya M.S.Visali R.Balambika B.Abinesha	CSE-026	4000/-
102	Mrs.G Lathaselvi Assistant Professor of CSE St.Joseph's College of Engineering, Chennai 600 119	Smart tariff for power consumption using smart energy meter	K Deepa	CSE-027	5000/-
103	Mrs.P.Dharshana Apollo Engineering College Mevalurkuppam, Valarpuram Post , Kancheepuram-602105	A Smart Card based prepaid electricity system	Vijayalakshmi.V Praveena.K Yuvasri.S	CSE-028	6500/-
104	Dr.R.Anitha Professor Dept. of Computer Science and Engineering Sri Venkateswara College of Engineering Sriperumbudur - 602 117	Green aware resource provisioning model for deep learning environment	Hemavathy.M	CSE-029	6500/-
105	Dr.R.Mahendran Assistant Professor Dept. of Computer Science and Engineering Anjalai Ammal Mahalingam Engineering College Kovilveni - 614 403	Design and performance analysis of cost-effective smart cyber - physical systems for precision	N.Ranjith A.Maniyarasan S.Shri Balaji T.Arundhas	CSE-030	7500/-
106	Ms.P.Nithya Assistant Professor, Dept. of CSE, Nadar Saraswathi College of Arts and Science, Vadaputhupatti, Theni 625 531	E2E Mobile App	T.Deepika V.Sakthipriya G.Ramajanani B.Vidhyavarshini	CSE-031	4000/-
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319	Pandiyarajan S Assistant Professor Dept. of Mechatronics Engineering Agni College of Technology Chennai-600130	Smart blood group detector	Dinesh D Sangeetha S Dhoddu Kandasamy D Rukesh Prasanna P K	EME-051	7500/-
320	S Sakthi Subaraja Assistant Professor Dept. of Mechanical Engg. Einstein College of Engineering, Tirunelveli-627012	Dual weather e-dress for woman safety concern	V Shanmuga Sundaram A Shri Sabari Ram R Thambi Raj E Anantha Kumar	EME-052	7500/-
321	Dr.Jeyanthi J Head Dept. of Environmental Engg Government College of Tech., Coimbatore-641013	Investigative study on removal of PM2.5 using biofiltration	M.Abhinaya	EME-053	7500/-
322	Mr.R.Boopathi Associate Professor Dept. of Mech. Engg. Sri Shanmuga College of Engineering and Technology Salem - 637 304	Performance analysis of diesel engine by using plastic oil as an alternative fuel	Ragul.A Deepan.Y Dharmaraj.M	EME-054	7500/-
323	Mr.R.G.Padmanabhan Assistant Professor Dept. of Automobile Engg Arasu Engineering College Kumbakonam-612501	Un plugin hybrid quadric four seat foldable vehicle	S.Srimaarinivas S.Aravind S.Lenin U.Sivakumar	EME-055	7500/-

324	Mr.A.Karthikeyan Assistant Professor Excel Engineering College Pallakapalayam - 637 303	Walking Stick	M.Manikandan M.Abilesh V.Chandru A.Kavignanam	EME-056	7500/-
325	R.Tamizh Selvan Head of the Department Dept. of Mechanical Engg., P.R. Engineerng College Thanjavur - 613 403	Design and fabrication of beta stirling engine for power production in power plants	Jerold Joseph Raj.U Ram Prasad.R Siva Kumar.R Praveen.S	EME-057	7500/-
326	N.Ramachandran Assistant Professor Dept. of Mechanical Engg., Sri Krishna College of Engineering and Technology Coimbatore - 641 008	Design and fabrication of stair climbing load carrier	Pavithran.K Kiran.S Manoj Krishna.V Poovizha Raja.P	EME-058	7500/-
327	Mr.M.Satheeshkumar Assistant Professor Dept. of Mechanical Engg., K.L.N. College of Engineering Pottapalayam - 630 612	All weather jacket	Srinath.K Santhosh.T.S Rakesh.G Rahul.A	EME-059	7500/-
328	J Jesumanen Assistant Professor Dept. of Mechanical Engineering DMI Engineering College Aralvaimozhi-629301	Automatic Wheelchair cum crutches	Aswin Jasanth J	EME-060	7500/-
329	D Meganathan Assistant Professor Dept. of Mechanical Engg., Prathyusha Engineering College, Chennai-602025	Automatic Sewage cleaning machine	Satheesh Kumar S B.Yogeshwaran A Maravan DG Yamini	EME-061	7500/-
330	U Karthikeyan Assistant Professor Dept. of Mechanical Engg., Sriguru Institute of Tech., Coimbatore-641110	Design and Development of RC Grass Trimmer	K Sunil Kumar A Pravinkumar B Vishal Easwaran	EME-062	7500/-
331	M Nallamurugan Assistant Professor Dept. of Mechanical Eng., Roever College of Engineering and Technology Perambalur-621220	Design and Fabrication of Water purifier by thermal radiation	M Paul Kenyon A Ahamed Fayasudeen R Rajarathinam G Prakash	EME-063	7500/-
332	R Pachaiyappan Assistant Professor Dept. of Mechanical Engineering Adhiparasakthi Enigneering College, Melmaruvathur-603319	Design of a manually operated paper recycling machine	Sathish V Shan Nawas Hussain Sudhakar K Surya Prakash R	EME-064	7500/-
333	Dr.K.M.Kumar Associate Professor Dept. of Mechanical Engineering St.Joseph's College of Engg Chennai-600119	Fabrication and analysis of mechanical behaviour of polymer matrix hybrid composite reinforced with carbon fibre and SMA sheet	Francis Hensler Morais F	EME-065	7500/-
334	Mr.R.Thirupathi Assistant Professor Mechanical Engineering JJ College of Engg & Tech Trichy-09	Motor with pedal assist bicycle	N.Thamilazhagan	EME-066	7500/-

335	Mr.G.Balakrishnan Assistant Professor Mechanical Engineering Shree Venkateswara Hi-Tech Engg College, Erode-638455	Fabrication of vertical axis wind turbine	Arjunan S Deenathayalan J Karthi K Mangalesan A	EME-067	7500/-
336	Mr.M.Mohan Prasad Head Dept.Mechanical Engg Amritha College of Engg and Technology Nagercoil-629901	Design and fabrication of rolling mill using tractor PTO shaft	A N Abilash Anand V Potty S.Dinesh J.Pramoth	EME-068	7500/-
337	Dr.N.Baskar Professor Dept.Mechanical Engg Saranathan College of Engg Tiruchirapalli-620012	Design and fabrication of single point composite tool for machining various materials	S.Bilal Ahamed R.Lavanyan	EME-069	7500/-
338	Prof.S.Somesh Subramanian Assistant Professor Mechanical Engg Govt. College of Engg Tirunelveli-7	Characterisation and fabrication of nanofluid using automobile hydraulic brake system	J Sundar Raman	EME-070	7500/-
339	Mr.R.Gopi Assistant Professor Mechanical Engg Adhi College of Engg & Tech. Kancheepuram-631605	Wear behaviour of Thermal sprayed high velocity oxy fuel (HVOF) coatings on WC	Vignesh A Arun Kumar S Sathish Kumar A Thamizharasan V	EME-071	7500/-
340	S Hariprasath Assistant Professor Dept. of Mechanical Engineering Narasu's Sarathy Institute of Technology,Salem-636305	Fabrication of Quadcopter	Asker Ali S Bharanidharan R Deepak R Harish Kumar K	EME-072	7500/-
341	Dr.P.Hariprasad Associate Professor Mechanical Engg Kalaingar Karunanithi Inst. Of Technology Coimbatore-641 402	Automatic open drainage cleaning system	Sanath Krishna S Naveen Kumar T Udhaya Kumar N	EME-073	7500/-
342	Mr.W.R.Calin Shabe W.R. Assistant Professor Aeronautical Engg Apollo Engg College Chennai 602105	Submersible onmanned aerial vehicle unmanned aerial vehicle	Ajith A A Mugunthan N Pravien M	EME-074	7500/-
343	Dr.M.Selvakumar Associate Professor Automobile Engg Dr.Mahalingam College of Engg and Technology Pollachi-642003	Solar Powered Hoverboard	Saileash K Dinesh R Jeevabharathi A Mohan Kanth K	EME-075	7500/-
344	Ms.S.Radhika Assistant Professor C K College of Engg & Technology Cuddalore-3	IOT based fire fighter robotos	M.Sriram S.Harish P.Saravanan T.Deepan Chakkaravarthy	EME-076	7500/-
345	G.Krishnakumar Assistant Professor Nehru Institute of Engineering and Technology Thirumalayampalayam Coimbatore	Designa nd Fabrication of Smart drainage system for smart cities using IoT and WSN	Gnana siva.B	EME-077	7500/-

346	Dr.Umashankar.S HOD Vellore Institute of Technology Vellore - 632 014	IoT based smart refrigeration with smart environment and industry	Mariya Sebastian Pranathy.V.N	EME- 078	7500/-
347	Mr.S.Srinivasan Assistant Professor Dept. of Mechanical Engineering Nehru Institute of Technology Jawahar Garden Coimbatore - 641 105	Design and Fabrication of manual stair climbing chair for sick patients	Reslin.C.R Vishnu.K.M Suraj A.K Sreejith	EME- 079	7500/-
348	T.Elangovan Assistant Professor Dept. of Mech. Engg. Sri Ramakrishna Institute of Technology,Pachapalayam Coimbatore -641 010	Design and fabrication of gravity power generation system	Micheal Arockia Sefrin.A Pavithran.A Praveenkumar.R	EME- 080	7500/-
349	Mr.S.Vasanthaseelan Assistant Professor Dept. of Auto Mobile Engg., SNS College of Technology, SNS Kalvi Nagar Coimbatore - 641 035	Extraction of biodiesel from algae	B.Adhiban M.Mithilesh L.Kiran Gupta	EME- 081	7500/-
350	Dr V Suresh Professor Mar Ephraem College of Engineering and Technology Marthandam-627171	Spot and shoot robot; a vision dependent robot for border security	Bodlin Lakha B S Abisha Mol T Adlin Suriya S	ME- 082	7500/-
351	Mr.A.Prabharakan Assistant Professor Dept.. of Automobile Engg., Kumaragurur College of Tech. Chinnavedampatti Coimbatore - 641 049	Development of Driver safety system to avoid accidents	Mr.Gobinath.M.C Guruprasad.A Prabakaran.P	EME- 083	7500/-
352	Mr.L.Prince Jeya Lal Assistant Professor Dept. of Mech. Engg. KCG College of Technology Karapakkam,Chennai - 97	Development of Exo-Skeleton for Farmers	Kishore.K Karthikeyan.A	EME- 084	7500/-
353	S Surya Assistant Professor Dept. Of Mechanical Engg., AVS College of Technology Salem-636106	Investigation of Solar Water Heater using Phase Change Material(PCM)	Sathis M Suriya P	EME- 085	7500/-
354	Anjankumarsahu Assistant Professor Dept. of Mech. Engg. Aalim Muhammed Salegh College of Engineering Muthapudupe,Chennai-55	Generation of drinking water from humid atomospheric air in coastal region	Mohamed Yasir.M Mohamed Marsath.M Mohammed Fahad.F Safat Ahamed.H	EME- 086	7500/-
355	P.Surendar Assistant Professor Dept. of Mech. Engg. AVS Engineering College Salem - 636 003	Automatic DIM Bright control of vehicle head lights	K.A.Kavinkumar A.Logendrarajan R.Muralidharan	EME- 087	7500/-
356	Mr.B.Gopinath Assistant Professor Dept. of Mech. Engg. Easwari Engineering College Bharathisalai,Chennai-600089	Design and fabrication of borewell child rescue machine	Maheshwaran.C.H Manikandan.P Melvin Irudhayaraj.M	EME- 088	7500/-

357	Dr.V.A.Nagarajan Assistant Professor Dept. of Mech. Engg. University College of Engg., Nagercoil - 629 004	Fully Automated self controlled foldable handy wheel chair for handicapped people	M.Adharsh S.Aravind K.Saravanan N.Jenish	EME- 089	7500/-
358	Mr.C.Naveen Assistant Professor Dept. of Mech. Engg. Kongu Engineering College Perundurai - 638 060	Design and fabrication of smart parking wheel	K.Thirunidhi Chelvan M.S.Pranav D.Rohan Cibi	EME- 090	7500/-
359	A.Thirumoorthy Assistant Professor Dept. of Mech. Engg. Velalar College of Engineering and Technology Thindal,Erode - 638 012	Design and fabrication of low cost artificial leg for disable persons	Gopalakrishnan.S.P Ilangoan.R.L Joel K Reji	EME- 091	7500/-
360	Arulkumar.K Assistant Professor Excel College of Engineering and Tech.Komarapalayam Pallakapalayam - 637 303	Big Scale spray for agricultural field	Gowthamakannan.M Jayaprasath.R Nandhini.P Ranjithkumar.G	EME- 092	7500/-
361	S Vinod Assistant Professor Dept. Of Mechanical Engg. Vel Tech Multitech Dr.Rangarajan Dr.Sakunthala Engineering College Chennai-600062	Automatic Accidental Vehicle Location Sharing System	Aravind S Kavin NK Rahul Kumar M	EME- 093	7500/-
362	P Balasubramanian Professor Dept. of Mechanical Engg., AVC College of Engineering Mayiladuthurai-609305	Design and Development of thermal energy storage bio composite block using phase change material	S Surya V Vetrivel R Vignesh S Vigneshwaran	EME- 094	7500/-
363	Mr.K.B.Hariharan Assistant Professor Dept. of Mech. Engg. K.Ramakrishnan College of Technology,Samayapuram Trichy - 621 112	Life time improvement of D7 Tool steel by cryogenic process	K.Selvaganesan R.Santhohskumar S.Sathya Amoorthi	EME- 095	7500/-
364	A Shyam Assistant Professor Dept. Of Mechanical Engg., Gojan School of Business and Technology,Chennai-600052	Experimental Investigation of Solar Cooker Incorporating with PCM Thermal Storage	G Karthick M Kishore Kumar E Sathish Babu P Vignesh	EME- 096	7500/-
365	Mr.P.Sivakumar Associate Professor Dept. of Aeronautical Engg. Mahendra Engineering college Salem - 637 503	Design and fabrication of horizontal axis wind turbine through V-cut	Bharathi.S Sathishkumar.M	EME- 097	7500/-
366	Dr.R.Murugan Professor Panimalar Institute of Tech., 391, Bangalore Trunk road, Nazarathpettai, Chennai-600 123	Effect of cyclic loading on free vibration characteristics of natural composite beams for structural applications	P.Milton K.Pradeepkumar A.Muthu Kumaran V.Muthu Kumar	EME- 098	7500/-
367	Dr.P.Ramalingam Professor Kumaraguru College of Technology,Coimbatore – 49	Removal of synthetic dyes from textile wastewater using chitosan nanoparticle composite	N.Sri Nivetha	EME- 099	7500/-

368	Mr.S.Murugapoopathi Assistant Professor Dept. of Mech. Engg. PSNA College of Engineering and Technology Dindigul - 624 622	Waste heat recovery from domestic refrigerator by using LPG variant GAS as a refrigerant	Buvaneshraj.R.G Baranidharan.P Balaji.P Bala Sounder.R.B	EME-100	7500/-
369	Dr.N.Mani Professor of f Mech. Engg. Sri Sai Ram Engineering College,West Tambaram Chennai – 44	Tricycle for physically challenged using artificial intelligence	S.Hayagreevan K.Bala Karthick	EME-101	7500/-
370	Mrs.K.S.Maheswari Assistant Professor Dept. of Mech. Engg. Francis Xavier Engineering College,103 G North By-pass Road, Tirunelveli - 627 003	Grain drier utilizing air conditioner waste heat	R.Jagathish Babu H.Mohamed Sheik Abdulla M.Loganathan	EME-102	7500/-
371	Dr.K.Anandavelu Professor and Head Dept. of Mech. Engg. MRK Institute of Technology Kattumannarkoil Cuddalore - 608 301	Experimental investigation and smell reduction in waste plastic oil blended with diesel by naphthlene balls in the presence of zeolite and fly ash	M.Manimaran V.Manobharathi K.Prithiviraj R.Prithiviraj	EME-103	7500/-
372	Dr.M.Rajagopal Professor and Head Dept. of Mech. Engg. Priyadarshini Engineering College,Vaniyambadi-635 751	PCM based thermal energy storage system integrated with dish type solar collector for process heating / domestic hot water application	A.Ragul B.Rajesh P.Sabarinathan	EME-104	7500/-
373	Dr.A.Murugesan Professor of Mech. Engg. K.S.Rangasamy College of Tech.,Tiruchengode-637215	Experimental investigation on reducing the emission from LHR diesel engine using Bio fuels blends doped with nano particles	S.Swaminathan D.A.Siddharth V.Vijay Bashkar J.Surya	EME-105	7500/-
374	S Rajesh Assistant Professor Dept. Of Mechanical Engg., R.M.K Engineering College Kavaraipettai-601206	Improving the properties of foundry green sand by precooling	R Vignesh V Vijayarman M Vishal R Vignesh	EME-106	7500/-
375	M A Rajeshkumar Assistant Professor Dept. of Mechanical Engg., Knowledge Institue of Technology, Kakapalayam, Salem-637504	Smart Helmet-An Accident Preventer	D Nanthakumar N Navinraj CM Premnath ME Praveen	EME-107	7500/-
376	R Viswanathan Assistant Professor Dept. of Mechanical Engg., Kongunadu College of Engineering and Technology Trichy-621215	Solar Based Dust Collecting Machine By Artificail Intelligence	Boopathi Raja S Azhagappan S Bharanitharan S Balamurugan	EME-108	7500/-
377	C.R.Raajeshkrishna Associate Professor Dept. of Mech. Engg United institute of Technology Coimbatore – 20	Implementing carbon nanotubes in polypropylene to improve mechanical and tribological properties	V.Aravind R.Boopathi P.Govarthan Abu Hurairah	EME-109	7500/-
378	Mr.J.Anish Jafrin Thilak Assistant Professor Dept. of Mech. Engineering Mepco Schlenk Engineering College,Virudhunagar-626005	Design and development of composite lattice core sandwich engine hood for pedestrian safety	Ganesh Kumar.K Ramkumar.A Sankara Narayanan.M.G	EME-110	7500/-

APPROVAL LETTER WILL BE SENT SHORTLY TO INDIVIDUAL GUIDES AND HEAD OF THE INSTITUTION.

MEMBER SECRETARY