

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
 DOTE Campus, Chennai-600025

STUDENT PROJECTS SCHEME 2021-2022

LIST OF APPROVED PROJECTS - ENGINEERING AND TECHNOLOGY

CHEMICAL ENGINEERING					
611.	Dr. B. Sivaprakash Associate Professor/ Chemical Engineering Annamalai University Annamalai Nagar- 608002	Syngas production from gasification of municipal solid waste using downdraft gasifier	Nandhini.R	CHE-213	7500/-
612.	Dr N.Stalin Assistant Professor / Petro Chemical Technology University College of Engineering, Anna University, BIT Campus, Trichy-620024.	Reclamation of used engine oil by lab scale method	Aadhithyan.A, Vishnu vardhan.N, Gurudesh namoorthy.N	CHE-197	7500/-
613.	Dr. N Samsudeen Assistant Professor Dept. of Chemical Engineering National Institute of Technology, Trichy - 620015	Simulation studies on cathode region of two electrode Photo electro chemical cell for the reduction of CO ₂ into solar fuel	Chedalla Sri Teja Naidu	CHE-182	7500/-
614.	Dr. A.Saravanan Associate Professor/ Chemical Engineering Hindustan Institute of Technology and Science Padur, Chennai - 603103	Desalination Using Single Focal parabolic solar still	K.B.Rishi Praneash, S.A. Akash Chopra, K. Hari Prasad	CHE-228	7500/-
615.	Ms.J.Sheeba Vinolia Priyadarshini Assistant Professor Dept. of Chemical Engineering St.Peter's College of Engineering and Technology Avadi, Chennai -600054	Design of hydro cyclone separator for separation of oil spills from sea water	P.Suryaprakash, S.Mohamed Junaid khan	CHE-225	7500/-
616.	Dr.Murugan.P Associate Professor/ Chemical Engineering Agni College of Technology Thalambur, Chennai-600130	Studies on extraction and optimization of amoxicillin using emulsion liquid membrane by response surface methodology	Deepika.S, Pugazhenth.S, Narayanan.R, Yamuna.E	CHE-177	7500/-
617.	Dr. S. Sriramajayam Associate Professor/ Renewable Energy Engg. Agricultural Engineering College and Research Institute TN Agricultural University, Coimbatore – 641 003	Development of continues reactor for pretreatment of lignocellulosic biomass for bioethanol production	Atheeswaran.B Nawin.L Ranjithkumar.S Raziga. R	CHE-017	7500/-
618.	Dr.D.Sridharan Assistant Professor (SG), Chemical Science and Engg. Anjalai Ammal Mahalingam Engineering College Thiruvarur Road, Kovilvanni-614403	Fabrication of low cost portable potentiostat for biosensor applications	Hariharan.R, Raghavan.G.K, Mohammed Rifas.J	CHE-187	7500/-
619.	Mr.Sooraj Kannu Pandi Pillai Assistant Professor Central Institute of Petro Chemicals Engg & Tech. TVK Industrial Estate, Guindy Chennai -600 032	Self destruction plastic film from biowaste	P.Enosha, S.Selva Kamali, M.Atchaya, G.Zahidah Rabaab	CHE-223	7500/-

620.	Dr. A.S.Periyasamy Manikandan Associate Professor/Chemical Engineering Kongu Engineering College Thoppupalayam, Perundurai 638060	Heat transfer studies in plate heat exchanger combining fe ₃ o ₄ nanofluid with propylene glycol	Thiyagarajan.G, Sivasubramani.G, Moulidharan.B	CHE-127	7500/-
621.	Mr. M. Ananda Boopathy Assistant Professor/ Chemical Engineering Sri Venkateswara College of Engineering Sriperumbudur-602117	Design of low-cost carbon absorbers to control the emission of Carbon dioxide from the Environment	Sanjaiy.N, Pavithra.R, Varshini.L	CHE-053	7500/-
622.	Ms. M.Selva prathipa Assistant Professor Dept. of Chemical Engg Adhiparasakthi Engineering College,Sothupakkam, Melmaruvathur-603319	Optimization of Tio ₂ / AL electrode by using electroplating process in electrocoagulation reactor to the removal of dye from textile waste water	V.Karthick, M.Arun Kumar, M.Alex,	CHE-233	7500/-
623.	Dr.N.Prabhu Asst.Professor/ Biotechnology Vivekanandha College of Engineering for Women Tiruchengode -637205	A cost effective approach in the elimination of heavy metals from industrial effluents using egg shell & banana stem	K.A.Divyashree, B.Gurupreetha	CHE-115	7500/-
624.	Dr.I.Ganesh Moorthy Associate Professor/ Biotech. Kamaraj College of Engineering and Technology K.Vellakulam - 625 701 Near Virudhunagar.	Development of agro-waste based heterogeneous catalyst for the production of biodiesel from used cooking oil	R. Akash, M. Areef Sulaiman, P. Bhavesh Chandru	CHE-208	7500/-
625.	Dr.A.Karthik Assistant Professor of Nanoscience and Technology K S Rangasamy College of Technology,KSR Kalvi Nagar, Tiruchengode- 637215	Fabrication of graphene oxide blended mno ₂ /fe ₂ o ₃ nanostructured anode materials in lithium ion battery for energy density and life cycle improvement	Inbarasu.V.S, Sneha K.B	CHE-068	7500/-
626.	Dr. Geetha M.B Professor & Head Dept. of Chemical Engineering St.Michael College of Engineering and Technology Kalayarkoil -630 551	Production of biodegradable garbage bags from polyvinyl alcohol and pomegranate peel powder	Katherbatsa.A	CHE-038	7500/-
627.	Dr.G.Pratap kumar Asst. professor/ Biotechnology Muthayammal Engineering College,Kakkaveri, Rasipuram-637 408, Namakkal District	Extraction, identification and in silico analysis of napthaquinone compound from the leaves of plumbago indica linn against breast cancer	Praveen Kumar.G	CHE-034	7500/-
628.	Dr.Saravana Raj A Assistant Professor Dept. of Chemical Engineering Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College 60, Avadi- Veltech Road Chennai – 600062	Experimental investigation on encapsulation of omega-3- fatty acid using edible bacterial polymer	Naveen.M, Rubesh Krishnan.R, Lokeshwaran.P, Sathiyaa.G	CHE-025	7500/-

629.	Dr. C N. Gnanaprakasam Associate Professor in Electronics and Instrumentation Engineering, St. Joseph's College of Engineering, Chennai -600119	Fabric development using waste pet bottles	S Mugilan, Mohamed Afrith Kareem	CHE-014	7500/-
630.	Ms.S Priyalatha Assistant Professor Dept. of Fashion Technology Sona College of Technology Salem- 636005	Development of Functional product from Post-consumer Textile Waste	Harsha dharshini.R.J, Kanimozhi.N, Krishna Raj.S	CHE-167	7500/-
631.	Dr. D.Easwaramoorthy Hod and Professor/ Chemistry B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur -600048	Synthesis of carbon Quantum dots from bread waste And its effective degradation of Environmental Toxins from water sources	A.Mushtaq Ahamed S.Mohamed Aasiq, S.Shelshiya	CHE-109	7500/-
632.	Dr. Hariharan.T Professor/ Chemical Engg. Mohamed Sathak Engineering College, Kilakarai -623806, Ramanathapuram (Dist)	Chemical conversion of RO Reject to mineral nutrients	Saithul Mubarak.S, Rages.S	CHE-077	7500/-
633.	Dr.R.Anantharaj Associate Professor/ Chemical Engineering Sri Sivasubramaniya Nadar College of Engineering Kalavakkam- 603110	Removal of copper(II) from aqueous mixture using hydrophobic Deep eutectic solvent and its performance characteristics.	Hanz Jyothish, Sudhrsh.N	CHE-033	7500/-
634.	Ms.S.Vaishnavi Assistant Professor Dept. of Chemical Engineering Erode Senguthar Engineering College, Perundurai -638057	Treatment of textile wastewaters using Eutectic Freeze Crystallization	D.Lavanya S.Geetha, M.Kesavan	CHE-059	7500/-
635.	Dr.K.Jeyajothi Professor and Head / Petro Chemical Engineering Mahendra Institute of Engineering and Technology Mallasamudram, Namakkal -637 503	Hybrid Mini Bio-Mass Gas Production	M. Nisha. R. Abinaya, A. Ananthababu, M. Mubarak ali	CHE-007	7500/-
636.	Dr. B. Nazeema Banu Assistant Professor Dept. of Biotechnology Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur - 613403	Development of cost effective and susustainable neo-bioplastic from algal biomass.	A.Joseph Antony	CHE-033	7500/-
637.	Mr.Saravanan. P Assistant Professor Dept. of Biotechnology Sri Sankara Arts and Science College, Enathur, Kanchipuram-631 561	Microbial enhanced oil recovery (MEOR) process culture nutrient optimization study	Guru prasath.S	CHE-062	7500/-
638.	Mr.Rajasekaran.K Assistant Professor Dept. of Chemical Engineering Nandha Engineering College, Vaikkalamedu, Erode-638052	Formulation of ecofriendly detergent powder from rice husk ash	Surya.K, Aswin Nandha.V, Dhinesh Kumar.G, Sakthivel.P.S	CHE-107	7500/-

639.	Mr.R.Balasubramani Associate Professor/ Food Technology Paavai Engineering college Pachal, Namakkal - 637018	Extraction of bioplastics using bananaleaf	M.Saren Rokith, G.Gunalan, S.Deenathayalan	CHE-143	7500/-
640.	Dr. R. Mahendran Associate Professor and Head, Indian Institute of Food Processing Technology Thanjavur- 613005	Development of ready to bake frozen dough and enumerating its shelf life extension	S.Nivetha, S.Praveen Kumar, S.Raghav	CHE-157	7500/-
641.	Mr.P.N. Guru Raj Assistant Professor/ Food Tech.,Rajalakshmi Engineering College, Thandalam,Chennai - 602105	Extraction of essential oil from tinospora cordifolia (amirthavalli) by hydro-steam distillation and it's application	Aarthy.S, Neha.N, Sujitha.S, Vijayasri.K	CHE-196	7500/-
642.	Dr. M. Aboobucker Sithique Assistant Professor/ PG and Research Department of Chemistry, Islamiah College, Vaniyambadi - 635 752	Extraction and characterization of harmless Mosquito Repellent from the seeds of Nux vomica and wild-basil plant leaves	Sam Issac.N	CHE-215	7500/-
643.	Dr.S.Karunakaran Associate Professor/ Chemical Engineering KPR Institute of Engineering and Technology Arasur, Coimbatore- 641047	Evolving customized enzyme mixture for fibrous poultry feedstuffs and unconventional crop residues	Keerthana.S Sangamithra.R Kogul Bharath.A	CHE-076	7500/-
644.	Mrs K Suganya Asst.Professor/ Chemistry E G S Pillay Arts and Science College, Nagapattinam – 611 002	Testing of Edible oil adulteration by using dry chemical paper technique	K.Gayathri, B.Janani, N.Rajashree	CHE-249	7500/-
645.	Ms.Archana.J Assistant Professor / Agriculture Engineering Bannari Amman Institute of Technology,Sathyamangalam Erode -638401	CO2 enrichment to plants from factory emissions	Anishkumar.K.E. Praneeth.D.	CHE-060	7500/-

CIVIL ENGINEERING

646.	Mr.J.Arun Assistant Professor Dept. of Civil Engineering A.V.C College of Engineering Mannampandal Mayiladuthurai - 609 305	Effective Utilisation Of Domestic Waste Water In Construction Industry	Sabari Grisun.S, Nandhakumar.S, Nithiyasri.S, Praneetha.P	ECV-324	7500/-
647.	Ms.Vaidevi.C Assistant Professor- II / Civil Engineering, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Paiyanoor, Chennai - 603 104	Self- Healing In Self Compacting Concrete Using Special Bacteria	Ibapynhunshishakh arkyrjiaw; BoreddySamarasim haReaddy; KyrshanlangkiKhyn riam	ECV-421	7500/-
648.	Dr.S.N.Ramaswamy Professor, Dept. of Civil Engg Anjalai Ammal Mahalingam Engineering College Kovilvenni – 614 403	Fabrication and Physico- Mechanical characterizations of Surgical Face mask Ash - Cement composites	Abishek Kumar.M, Harikrishnan G.M, Rishi.R	ECV-370	7500/-
649.	Dr.S.Poongothai Professor and Head, Department of Civil Engg Annamalai University Annamalainagar- 608 002	Enabling water security for sustainable farming in a watershed of Krishnagiri district, Tamil Nadu	Malligai.M.K	ECV-439	7500/-

650.	Ms.Rajalakshmi S Assistant professor Dept. of Civil AVS Engineering College Ammamet, Salem -636 003	Water quality analysis at mettur zone	Preethi.G, Shanthini.S, Priyanka.A, Yogeshwari.R	ECV-155	7500/-
651.	Dr.B.Soundara Professor Dept. of Civil Engineering Bannari Amman Institute of Technology Sathyamangalam - 638 401	Innovative utilization of agro wastes in expansive soil stabilization	Sai Vishnu.P.U, Vasanth.R, Rasswanth.S	ECV-170	7500/-
652.	Mr.S. Rajesh Assistant Professor Dept. of Civil Engg. Bharath Institute of Higher Education and Research Selaiyur, Chennai-600 073	Ground water quality analysis at rural area of selaiyur	Talasu Pavan Maneesh, Muthuru Ashok Kumar Reddy, Gade Teja Sai Reddy, Kunchala Praveen	ECV-445	7500/-
653.	Mr.P.Eswaramoorthi Assistant Professor Dept. of Civil Engineering Builders Engineering College Nathakadayur Kangayam - 638 108	Performance of palm fibre in concrete	Amirthavarshini.J, Vinith.S, Vignesh.S	ECV-302	7500/-
654.	Mr. C. Hariharasudhan Assistant Professor and Head Dept. of Civil Engineering Chennai Institute of Technology, Sarathy Nagar Kundrathur, Chennai – 600 069	Experimental Investigation on Effective Utilization of Recycled Concrete Aggregate	T.Jude Nithin Joel P.Nagalakshmi	ECV-069	7500/-
655.	Mr.M.Vignesh Assistant Professor Dept. of Civil Engg Chettinad College of Engineering and Technology Puliyur CF, Karur-639 114	Investigation Of Water Quality Through Nano- Porous Materials	A.Naveenraj, A.Yoga Priya, C.S.Meenakshisun dharam, K.Krishnamoorthy	ECV-274	7500/-
656.	Mr.T Santhosh Kumar Assistant Professor Dept. of Civil Engg CK College of Engineering & Technology, Chellangkuppam, Cuddalore - 607 003	Experimental Investigation On Partial Replacement Of Rubber Crumbs By Fine Aggregate In Concrete	Appu.J, Guhan.R, Vasanth.V	ECV-306	7500/-
657.	Mr.R.Sibi Assistant Professor Dept. of Civil Engineering Coimbatore Institute Of Engineering and Technology Narasipuram (P.O), Vellimalaipattinam, Coimbatore-641 109	Strength and Durability Assessment of Self-Healing Concrete using Autogenous Self-Healing Technique	Gnanidhar Zimnass.S, Jawahar.R, Kailasa Pandian.M	ECV-364	7500/-
658.	Dr.V.G.Kalpana Assistant professor Dept. of Civil Engineering Coimbatore Institute of Technology Coimbatore-641 014	Effect of GGBS and Granite waste on the mechanical and thermal properties of bricks.	Pravin.B.B, A.Soundhar Rajan, D.Sukil Teja Sethuraman	ECV-065	7500/-
659.	Ms.Valarmathy.N Assistant Professor Dept. of Civil Engineering Dhanalakshmi Srinivasan Engineering College Perambalur-621 212	Development of eco friendly concrete using poultry feather as fine aggregate	Shanmugam.S, Arunpandiyan.S, Manikandan.J, Ayyappan.K	ECV-424	7500/-

660.	Mr.Shankar.V.K Assistant professor Dept. of Civil engineering Dr NGP Institute of Technology Coimbatore-641 048	Utilisation of Cicer Arietinum Seed Powder as a Natural Coagulant in Water Treatment Process	E.Ajithkumar, B.Hariharan, B.Jensie Victoria	ECV-006	7500/-
661.	Dr. S.G.Karthiga devi Assistant Professor Dept. of Civil Engineering Easwari Engineering college Ramapuram, Chennai-600 089	Soil stabilization	Easwar.A, Sharon.S, Surya.R, Abhishek Raj.L	ECV-052	7500/-
662.	Dr.J Colins Johnny Assistant Professor Dept. of Civil Engg. University VOC College of Engineering, Thoothukudi-628 008	Flood inundation map of Thamirabarani river basin	M.Ram Kumar, E.Madhu Bala Kishore, K.S.Alwar maran, P.Lakshmana Perumal	ECV-437	7500/-
663.	Ms.Fathima Darras Gracy.A Assistant Professor, Dept. of Civil Engineering Erode Sengunthar Engineering College, Erode - 638 057	Removal of sulphide in anaerobically treated tannery wastewater by wet air oxidation	Abdul Rahim.J	ECV-388	7500/-
664.	Dr. N. Venkatachalam Associate Professor Dept. of Mechanical Engg Excel Engineering College, Komarapalayam, Namakkal- 637 303	Intelligent Emission Controller for Vehicles	Muthukrishnan.R, Jaya Prasanth.V, Vijay.S, Manikandan.R	ECV-219	7500/-
665.	Mr.Krishna Kumar. P Assistant Professor Dept. of Civil Engineering Francis Xavier Engineering College, Vannarpettai Tirunelveli -627 003	Mechanical and durability properties of nano-concrete under different curing condition	Anand Solomon.J Antonraj.J Bemisha Jeni.D, Harishma.R	ECV-257	7500/-
666.	Mr.Vivek S Assistant Professor Dept. of Civil Engineering Hindusthan College of Engineering & Technology Othakalmandapam, Coimbatore -641 032	Hydrogeochemical Characterization and assessment of groundwater quality in Tirupur taluk using GIS based technique	Kavimaniyarasu.A Ragu.K Ramalingam.M Sanjay kumar.M	ECV-418	7500/-
667.	Ms.Porkodi Assistant Professor Dept. of Civil Engineering IFET College of Engineering Gangarampalayam Villupuram-605108	Structural investigation of strengthening Masonry panels using geogrids geopolymer composites	Kalaivardhiny.V.C	ECV-286	7500/-
668.	Mr.T.Sathanandham Assistant Professor Dept. of Civil Engineering Jai Shriram Engineering College, Tirupur-638 660	Experimental studies on modified bitumen using polystyrene coating of waste materials	V.Janakiraman, N.Rajaganapathy	ECV-386	7500/-
669.	Ms J. Hathri Evangeline Assistant Professor Dept. of Civil engineering Jaya Engineering college Thirunindravur Chennai-602 024	Study of cold formed c- section by varying flange width ratio	Desna.S, Durga devi.K, Janakiraman.E	ECV-201	7500/-
670.	Dr.N.S.Elangovan Professor Dept. of Civil Engineering Jerusalem College of Engg. Pallikaranai, Chennai-600 100	Use of S.pasteurii and B. Megaterium bacteria to improve the properties of concrete containing sugarcane baggasse ash : A sustainable approach	Sai Prakash.K, Gershom Daniel.A, Premkumar.R, Keerthivasan.J	ECV-328	7500/-

671.	Mr.A.Oorkalan Assistant Professor Dept. of Civil Engineering K.Ramakrishnan College of Technology, Samayapuram, Trichy-621112	Energy harvesting from structural components using kinetic foot fall and IoT Technology	Thulasi Dasan.D, Bhavishkanna.K.S, Sankar.N, Prithivi.M	ECV-395	7500/-
672.	Dr.S.Ramesh Professor/ Civil Engineering K.S.Rangasamy College of Technology,Tiruchengode, Namakkal - 637 215	Treatment of textile waste water using banana peel and ocimum basilicum	P. Shri Harish Kumar	ECV-248	7500/-
673.	Mr.P.Ponkarthikeyan Assistant Professor Dept. of Civil Engineering Kamaraj College of Engineering and Technology K.Vellakulam- 625 701 Near Virudhunagar	Optimization of cod removal from domestic wastewater by response surface methodology	V.Naveenkumar, V.Harishkumar, S.Sankaramahadhe van	ECV-030	7500/-
674.	Ms.N.Ajitha Parvathy Assistant Professor Dept. of Civil Engg. Karpaga Vinayaga College of Engineering and Technology Karpaga Vinayaga Nagar, Palayanoor -603 308	Interlocking concrete blocks using plastic waste and waste brick powder	P.L.Annamalai, A.Ariraman, R.Janani A.K.Stalin	ECV-114	7500/-
675.	Mr.Prasannan.D Assistant Professor Dept. of Civil Engineering Karpagam College of Engineering Othakkalmandapam post, Coimbatore – 641 032	Eco-friendly pet bottles waste plastic fibre reinforced concrete brick	Arjun.D, Manoj.N, Sivaharish.J, Prasath.S	ECV-369	7500/-
676.	Ms R .Jagedeswari Assistant Professor Dept. of Civil Engineering KgisI Institute of Technology KgisI Campus, Saravanampatti Coimbatore - 641 035	An experimental study on quality of ambient air in the city of coimbatore	M.Jayanthi, S.Keerthana, K.Yuvansankar, G.T Prasanth Arvind	ECV-337	7500/-
677.	Ms.R.Buvaneshwari Assistant Professor Dept. of Civil Engineering Kings College of Engineering, Punalkulam-613 303	Comparitive study of normal paver block with partial replacement of sand by saw dust	A.Patrick Antony Samy, S.Chandru A.Joshi	ECV-431	7500/-
678.	Dr.R.Vasanthi Assistant Professor Dept. of Agriculture Engg KIT-Kalaignar Karunanidhi Institute of Technology Kannampalayam post Coimbatore-641 402.	Soil Solarization using biodegradable materials	M.Soniya Gopika Jayaraj R.Maheetha V.Sindhu	ECV-222	7500/-
679.	Ms.T.Karthika Assistant professor (Sr.G) Dept. of Civil engineering Kongu engineering college Perundurai, Erode – 638 060	A model study on bearing capacity and settlement of square footing on clayey soil stabilized with municipal solid waste ash and steel slag	Lakshman Kumar V, Mohammed Ashik.N Mohamed Wasim. M	ECV-192	7500/-
680.	Mrs. K. Anbarasi Assistant Professor Dept. of Civil Engineering Kongunadu College of Engineering and Technology Thottiam, Trichy – 621 215	Experimental study of floating concrete	M.Gokulraj A.Meghna A.Dhanushiya M.Keerthivasan	ECV-143	7500/-

681.	Mr.S.P Cowsigan Assistant Pofessor Dept. of ECE KPR Institute of Engineering and Technology Arasur Coimbatore -641 407	Enhancing survival during fire accidents using quadcopter	Jayavarshini.A Karthikeyan.E Monisha.K Pramanayagam.A	ECV-034	7500/-
682.	Dr. R. Manju Associate Professor Dept. of Civil Engineering Kumaraguru College of Technology, Athipalayam Rd, Chinnavedampatti Coimbatore-641 049	Reduction of heavy metal toxicity in cement using microorganisms	Vijay Karthekeyan. R, Anantharam. T	ECV-001	7500/-
683	Mr.N P Srinivasan Assistant Professor Dept. of Civil Engineering M.Kumarasamy College of Engineering, Thalavapalaym Karur – 639 113	Paver block using tyre rubber waste and recycled aggregate	G.Kausalya Manivel.S Loganathan.B	ECV-154	7500/-
684.	Ms. V. Santhiya Assistant Professor/ Civil Engg AVS College of Technology Chinnagoundapuram Salem - 636106	An experimental investigation on water absorbing pavements by using porous concrete	S.Srimanju, P.Sivapriya	ECV-161	7500/-
685.	Dr.K.Vidhya and B.Nithya Professor & Head, Asst. Prof., Dept. of Civil Engineering Mahendra Engineering college Mahendhirapuri Namakkal - 637 503	Water replant road	Vasundhara.P, Monisha.M, Sangavi.S, Prema.M	ECV-118	7500/-
686.	Mr.Jaiganesan K Assistant Professor Dept. of Civil engg, Mailam Engineering College Mailam, Villupuram - 604 304	Assessment of surface water quality in and around Gadilam River Basin, Cuddalore district, Tamilnadu	Naveen.R, Mugilan.R, Joe Daniel.N	ECV-084	7500/-
687.	Dr.J. Jeyanthi Associate Professor Dept. of Civil Engineering Mepco Schlenk Engg College Sivakasi-626005	Cement based battery for two wheelers	Karthikeyan, Mohanraj, Kaliraj	ECV-131	7500/-
688.	Dr.Sathees Kumar.P Associate Professor Dept. of Civil Engineering Mohamed Sathak A.J College of Engineering Chennai-603103	An analysis of air pollutants in Chennai	M.H.Mahamood Naina, S.Shaik Mohamed Saif	ECV-197	7500/-
689.	Ms.Regina mary.I Assistant Professor Dept. of Civil Engineering Mount Zion College of Engineering and Technology Lena vilakku Pudukkottai- 622 507	Flexural strengthening of geopolymer concrete beam using basalt fibre reinforced polymer laminates	B.Anushiya Devi, V.Varshini, V.Kinglyton Velmurugan	ECV-093	7500/-
690.	Mr.K.Sankar Assistant Professor Dept. of Civil Engineering Muthayammal Engineering College,Rasipuram- 637 408	Utilization of textile industry sludge as a constructive building blocks	G.Aadhavan, K.Sanjay, S.Gomathi, R.Srisowmiya	ECV-017	7500/-
691.	Mr.P.Govintharaj Assistant Professor Dept. of Civil Engineering Narasu's Sarathy Institute of Technology, Salem -636 305	Technical Analysis of Accidents on NH-44 in Hilly Terrain (Thoppur Ghat): Causes and Remedies	S.Keerthana, M.Narmathadevi, V.Udayaprasath, P.Sakthivel	ECV-026	7500/-

692.	Dr.C.Chella Gifta Assistant Professor(Sr.Grade), Dept. of Civil Engineering National Engineering College Kovilpatti, Tuticorin- 628 503	Pozzolanic reactivity of corn husk ash as a supplementary cementitious materials	Sankara Narayanan.M Sankara Subbu.M Partha Sarathi.T Muhammad Al Faizal.S	ECV-314	7500/-
693.	Mrs.A.Dhanalakshmi Associate Professor Civil Engineering P.S.R.Engineering College Sivakasi- 626 140	Partial Replacement of E- Waste in Concrete Kerbs	J.Anandhakumari, J.Harini, V.Pradeeba	ECV-330	7500/-
694.	Dr. M. Kannan Professor/ Civil Engineering Parisutham Institute of Technology and Science Thanjavur - 613 006	Evaluation of gasification in municipal solid waste and sewage waste	Anjali.T, Kowshika.R, Swathi.R	ECV-261	7500/-
695.	Mr.G.Thirumalmurugan Assistant Professor Dept. of Civil Engineering Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur - 613 403	Effect of recycled aggregates in alkali activated dumbel shape paver blocks using fly ash.	K.Sathish kumar	ECV-241	7500/-
696.	Mr.S.Aravind Assistant Professor Dept. of Civil Engineering R.M.K. Engineering College R.S.M Nagar Kavaraipettai-601206	Construction of Bio gas plant for a house in a Village	Prajval.U.V.R, Praveen John Theres.J, Mettu Murali Krishna, Mamandooru Jyothiradhithya	ECV-339	7500/-
697.	Mrs.R.Kalaimani Assistant Professor Dept. of Civil Engineering Ramco Institute of Technology North Venganallur Village Rajapalayam – 626 117	Cement Battery	G.Mohanrajan, M.R.A. Suresh kumar, S.Srivarshan	ECV-233	7500/-
698.	Dr.P.Krishnakumar Associate Professor Dept. of Civil Engineering Rathinam Technical Campus, Eachanari, Coimbatore- 641021.	Geographical information system based impact assessment on landuse changes in groundwater geochemistry of Coimbatore City, Tamilnadu	Ajith.V Karthika.R	ECV-133	7500/-
699.	Ms.Anila Dani D A Assistant Professor Dept. of Civil Engineering Rathnavel Subramaniam Technical Campus Kannampalayam, Coimbatore-641402	Pavements converting vehicle kinetic energy into electrical energy	Nandhu Pramod, Akshay Praveen, Mohammed Ajmal.T.A, Bhuvaneshwari.R	ECV-072	7500/-
700.	Mr.S.Raja Assistant Professor Dept. of Civil Engineering S.Veerassamy Chettiar college of Engineering and Technology Puliyangudi - 627 855	Disposal of Hatchery waste using bio -reactor	Guruprasath.T, Kannan.K, Sivakumarasamy Durai.P	ECV-209	7500/-
701.	Dr. A. Belin Jude Assistant professor and Head, Dept. of Civil Engineering Saranathan College of Engineering, Panjappur, Tiruchirapalli-620012	Study of the performance of Polystyrene Petroleum Gel as Construction material	Dinesh.K, Gokul.B Mohamed Nawfal.R Mohan Kishor.S	ECV-132	7500/-
702.	Dr. Saranaathan.S.E. Assistant Professor – III School of Civil Engineering SASTRA University Thanjavur - 613 402	Geo-mechanical (RMR & SMR) and Kinematic analysis Chittarevu – Pullaveli stretch in Thandikudi Ghat section, Dindigul, Tamil Nadu.	V.Sabarish, R.Shyamalan, S.K.Yogeshwar	ECV-420	7500/-

703.	Dr. Suresh D Associate Professor, Department of Civil Engg Saveetha Engineering College Sriperumbudur Taluk, Kanchipuram - Chennai Rd, Chennai- 602105	Analysis of Impact of COVID 19 Lockdown on Air Quality and Ground Water Level - A Case Study over Chennai City	Pothy Krishna.C, Nirmal Raj.T, Poovarasan.D	ECV-385	7500/-
704.	Ms.R.Sheela Daniel Assistant professor Dept. of Civil engineering SCAD College of Engineering and Technology,SCAD Nagar, Cheranmahadevi Tirunelveli- 627 414	Design For Low Cost Grey Water Treatment And Purification	Hari shankar.C, Supriyadharshini.M, Jervish.J.L	ECV-436	7500/-
705.	Ms.B. Bhuvaneshwari Assistant Professor Dept. of ECE Sengunthar Engineering College Tiruchengode- 637 205	Traffic less system for ambulance in smart cities	Gowsalya.G, Susmitha.M, Kirthika.K	ECV-440	7500/-
706.	Dr. Gulshan Taj M.N.A Associate Professor Dept. of Civil Engineering Sona College of Technology Salem - 636 005	3D printing technology for low cost energy harvesting speed bump in plastic roads	S.Vidyalakshmi, K.Gopalakrishnan, P.Gokul Raj	ECV-294	7500/-
707.	Mrs.A.Vennila Assistant Professor Dept. of Civil Engg, Sri Krishna College of Technology Kovaipudur -641 042	Experimental investigation of foundry sand paver block and flyash bricks with addition of metakaolin	Chandrakumari. Pon	ECV-296	7500/-
708.	Dr.S.D.Anitha Selvasofia Assistant Professor (Sr.Gr), Dept. of Civil Engineering Sri Ramakrishna Engineering College, Coimbatore- 641 022	Lockdown turned 'farm to fork' – dream or reality! Agricultural situation in thanjavur, india before, during and after covid-19	Moulica.G Prathiksha.J Tharani.M	ECV-095	7500/-
709.	Ms.Nandhini.U Assistant Professor Dept. of Civil Engineering Sri Ranganathar Institute of Engineering and Technology Coimbatore- 641 110	Development of low cost rural roads using bioenzymes	Pugazhenthii.B, Nithyasree.R	ECV-116	7500/-
710.	Mr. S. Baislahamed Assistant Professor Dept. of Civil Engineering J.N.N. Institute of Engineering, Tiruvallur District – 601 102	Influence of Waste Plastic Strips in Stabilization of Soil	G.Jayashree V.Jeeva A.Kaleeswaran	ECV-349	7500/-
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713.	Mrs.G. Nantha Priya Associate Professor/ Civil M.A.M. College of Eng& Tech. Siruganur-621105	Accident hotspot analysis in an urban area using GIS	K.Deepika, T.Aadalarasan, M.Pragadeeth, S.Safiya Thahseen	ECV-237	7500/-

714.	Mr.P.R.Kalyana Chakravarthy Assistant Professor Dept. of Civil Engineering Vels institute of Science, Technology & Advanced Studies, Chennai- 600 117	Experimental investigation on partial replacement of fine & coarse aggregates using waste foundry sand and waste coconut shell	Ganapathi.E, Balamurugan.S, Mohamed Aathif Jignesh, Pandian.A.K	ECV-371	7500/-
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723.	Ms.Santhi.K Assistant Professor Dept. of Civil Engineering Thanthai periyar govt institute of Technology Vellore - 632 002	Experimental investigation of fiber reinforced concrete wing partial replacement of the river sand by sea sand and metakaolin	Azhagarsamy.S, Mohammed Raiyan.K.E, Gokulnath.A.V, Ajithkumar.A	ECV-368	7500/-

724.	Mrs.G.Preethi Assistant Professor Dept. of Civil Engineering Theni Kammavar Sangam College of Technology Koduvilarpatti, Theni- 625 534	Experimental investigation on conversion of Agriculture waste, E-waste, Sludge waste and municipal waste to construction material	Sureshkumar.K, Girisankar.S, Bharathkumar.M	ECV-362	7500/-
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728.	Mr.Rajha Rajeswaran.T.A Assistant Professor Dept. of Civil Engineering Velammal Engineering College Department of Civil Engg Chennai -600 066	Manufacturing of Masonry Blocks from C & D Waste	Zafar Khan.N, Prasanna.T, Shrinath.B, Sujan.C	ECV-263	7500/-
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COMPUTER SCIENCE AND ENGINEERING

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752.	Ms.K Kalaivani Assistant Professor Department of Computer Science and Engineering Vels Institute of Science, Technology and Advanced Studies, Pallavaram Chennai-600117	Detecting fake reviews on online consumer products using machine learning techniques	A.Mary Caroline Jeevitha, Priti Ojha	CSE-0386	7500/-
753.	Dr.K.SureshKumar Associate Professor Department of Information Technology Saveetha Engineering College,Thandalam, Sriperumbadur Taluk Chennai -602105	An innovative rapid cursor control system using eye movement for a physically challenged person	Nandinisree.V.S, Aishwarya.T, Amarnaath Alias Sekkappan K.N.K	CSE-0351	7500/-
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755.	Dr.Gladys Aani Sujitha J Assistant Professor Department of Computer Science and Engineering Sri Sairam Institute of Technology, Chennai-600044.	Milk distribution management system	Sivashankaran.E, Vasanth Allen Raj.A, Vijay.M	CSE-0393	7500/-
756.	Dr.J.Frank Vijay Head of the Department Department of Information Technology KCG College of Technology Karapakkam, Chennai- 600097	Intelligent edge-AI proctored services	Muzzamil Sait.A, Staffin T Shabu, Antony Raj.A, Logith Kumar.B	CSE-1010	7500/-
757.	Dr.C.Gnana Kousalya Head of the Department Department of Electronics and Communication Engineering St.Joseph's Institute of Technology Chennai - 600119	Women safety night patrolling bot	Keerthana.A, Mary Susma Rose.S	CSE-0537	7500/-
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759.	Dr.R.Jaichandran Professor Department of Computer Science and Engineering Aarupadai Veedu Institute of Technology, Chengalpattu - 603104.	Early Prediction of COVID-19 disease using deep learning	Alok Shree	CSE-0299	7500/-

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761.	Mr.A.Rajaprabu Assistant Professor Department of Computer Science and Engineering Arasu Engineering College Kumbakonam-612501.	Reducing the man power and improving the plant productivity using IoT	M.Magesh, K.Sachitha nantham, S.Thennarasu	CSE-0233	7500/-
762.	Dr.S.Kanchana Assistant Professor Department of Software System PSG College of Arts and Science, Coimbatore-641014	Avenue-D Zone	Priyadarshini.A, Roshan Peniel.W	CSE-0208	7500/-
763.	Ms.R. Asmitha Shree Assistant Professor Department of Computer Science Engineering Sri Krishna College of Technology, Kovaipudur, Coimbatore-641042	Factory Leakage Detection and Monitoring System using IoT	V.Subaharini, B.Subashree, G.Suganth	CSE-593	7500/-
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766.	Dr.M.Nithya Head of the Department Department of CSE Vinayaka Mission's Kirupananda Variyar Engineering College Salem-636308	IoT Door	Jenis Rowan Basker, Hevin Kumar.S	CSE-1228	7500/-
767.	Mr.Vijaykumar.V Head of department Department of Computer Science and Engineering AVS Engineering college Ammamet, Salem-636003	Dynamic Firewall Decomposition and Composition in The Cloud	Sanjaykumar.K, Pradeep.H, Rajaganapathy.M, Naveen Kumar.R	CSE-0807	7500/-
768.	Dr.Senthil Pandi, Mr.D.Weslin Assistant Professor Department of Information Technology Mohamed Sathak AJ College of Engg, Siruseri Chennai-603103	Augmented Robotics dialog system for Enhancing Human-Robot interaction	Fouzia.M.A, Humaira.Y, Joshitha.J	CSE-1039	7500/-

769.	Dr.Vinothini.B Assistant Professor Department of Computer Science and Engineering Bannari Amman Institute of Technology Sathyamangalam-638401	Soldier Strap	K.Aswini, Hemang Murugan, A.C.Akashprabhu	CSE-0604	7500/-
770.	Dr E.Karthikeyan Head of the Department Department of Computer Science Government Arts College Udumalpet-642126	Public street lights faults monitoring and automation using IoT	S.Gayathiri	CSE-0491	7500/-
771.	Mr.A.Prabhu Assistant Professor Department of Electronics and Electrical Engineering K.Ramakrishnan College of Engineering, Samayapuram, Trichy-621112	Event management system using full stack web application	V.Moushiya, A.Pooja Shree, R.Ramya, J.Sahaya Ajeetha	CSE-0495	7500/-
772.	Dr.Lalitha Pattabiraman Assistant Professor Department of Computer Science and Engineering SRM Institute of Science and Technology, Ramapuram Chennai-600089	Application of programmable blockchain in the data analytics of smart agriculture	Madhumitha Mohan, Amrutha Obili, Swetha Rama chandran, Bachala Lekhasree	CSE-0028	7500/-
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774.	Dr.A.E.Narayanan Associate Professor Department of Computer Science and Engineering Periyar Maniammai Institute of Science and Technology Periyar Nagar, Vallam Thanjavur - 613403	Prevention of fake food and adulteration using electronic product code (EC) and machine learning based block chain technology	Arivunila M, Santhosh.A, Arun P	CSE-0011	7500/-
775.	Mrs.S.Gopalakrishnan Assistant Professor Department of Computer Science and Engineering CK College of Engineering and Technology, Challangkuppam, Cuddalore-607003	Asthma prediction using Internet of things and machine learning	Jothika Poornima.M Parkavi.N, Subasri.V, Gokul Appadurai. K	CSE-0020	7500/-
776.	Dr.C.Deepa Associate Professor Department of Computer Science and Engineering Kalaighnarkarunanidhi Institute of Technology Kannampalayam Coimbatore-641402	Safety band for autism people	Aruna C, Karthikeyan V, Kishore R, Kishore Kumar.S	CSE-1072	7500/-

777.	Dr.S.Sumathi Assistant Professor(Sr.G) Department of Computer Science and Engineering Sri Ramakrishna Institute of Technology Perur Chettipalayam Coimbatore - 641046	Intelligent COVID-19 contactless safety monitor in public transport system using Internet of Things	Rathnambika.S, Gurukishore.J, Janane.S, Sanjay.S	CSE-0022	7500/-
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781.	Dr.P.S.Nandhini Assistant Professor Department of Computer Science and Engineering Kongu Engineering College Erode-638060.	Driver drowsiness detection using deep learning	Srinath.P, Veeramanikandan. P	CSE-0711	7500/-
782.	Er.C.Reikha Associate Professor Department of Computer Science and Engineering Krishnasamy college of Engineering and Technology S.Kumarapuram, Cuddalore- 607 109.	Medi-care robot for serving patients using ATMEGA2560microcontroller	B.Bhakyalakshmi, B.Pavithra, D.Priyadharshini, T.Sneha	CSE-0401	7500/-
783.	Dr.R.Ravi Professor Research & Head Department of Computer Science and Engineering Francis Xavier Engineering College, Vannerpettai, Tirunelveli-627003	IOT based automated drones for agriculture	S.K.Mohamed Akram Khan, M.Syed Mohideen Saleem	CSE-0422	7500/-
784.	Dr.A.R.Revathi Associate Professor Department of Information Technology SRM Valliammai Engg College Kattankulathur - 603203	An intellectual based real time assistance smart class room monitoring system	Ramachandiran.R, Raajmohan.N , Mohan.S, Periyachandrunath. S	CSE-0433	7500/-

785.	Dr.Sumathy Jayaram Assistant Professor Department of Information Technology Jeppiaar Engineering College Chennai-600119.	DROBOT- A Essential Supplier	Mathesh.T, Lakshmi Narasiman.K, Antony Nicostin.R	CSE-122	7500/-
786.	Dr.Sasikala.S Assistant professor Department of Computer Science and Engineering Excel Engineering College Komarapalayam, Namakkal-637303	Drone based smart agriculture and animal monitoring system	A.Abdul Raguman, S.Ajith Kumar, R.Anjali, V.Keerthanajali	CSE-0487	7500/-
787.	Dr.E.K. Vellingiriraj Professor and HoD Department of Computer Applications Nandha Engineering College Erode-638 052	Real-Time GPS based tracking blood donors for emergency	Arun Kumar.S, Kirubaa.V, Sanmuga Priya.G, S.Vijay	CSE-0846	7500/-
788.	Mr.I.Anbumuthu Assistant Professor Computer Science and Engineering Narasu's Sarathy Institute of Technology Poosaripatty, Salem-636 305	Deduction and controlling of wildfire using unmanned aerial vehicle and providing handheld extinguisher	Bothraj.P, Brindha.G, Dilip Kumar.S, Kalpana.P	CSE-0306	7500/-
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794.	Dr.Karpagam.G.R Professor/CSE PSG College of Technology Peelamedu Coimbatore-641004	Easy Pesticide Detection in Fruits and Vegetables for Buyers using Mobile Microscopy	Aishvarya.G, Janarthanan.K	CSE-0230	7500/-

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801.	Dr.K.Nattar Kannan Professor/CSE Department of Computer Science and Engineering Bharath Institute of Science and Technology,Selaiyur Chennai- 600073	Garden Nurture using Internet of Things (IOT)	Tirumalasetty Sri Nishitha, L.Tejaswi, Adapa Venkata Harsha Vardhan Chowdary, Suma bindu	CSE-0617	7500/-
802.	Ms.G.R.Khanaghavalle Assistant Professor/CSE Sri Venkateswara College of Engineering Sriperumbudur - 602117.	Handwritten tamil character recognition using deep neural networks	Arvind Nachiappan.L, Bharath Vyas.S, Chaitanya.M	CSE-0331	7500/-
803.	Mr.R.Selvam Assistant Professor/CSE St.Joseph College of Engineering Chennai-602117	Automatic attendance scheme using face recognition system	U.Marialivin, M.Gowtham	CSE-0271	7500/-
804.	Mr.Allocious Britto Rajkumar.R Assisant Professor Department of Aeronautical Engineering Nehru Institute of Technology Kaliapuram, Coimbatore -641105	IRF trident remote	Deepin Raghul.A,J, Konsa Jorin.A, Mariya Seja Davincy.S	CSE-1020	7500/-

805.	Dr.H.Mercy Assistant Professor Department of Computer Science and Engineering Jerusalem College of Engg. Pallikaranai, Chennai-600100	Smart farming system using IoT for efficient crop growth	P.Shreenithi, N.Pavithra, D.Mogana Priya	CSE-0354	7500/-
806.	Ms.Mangai HoD Department of Biomedical Velalar college of engineering and technology Thindal, Erode-638012	911 services and vital sign measurement utilizing mobile phone sensors and applications	M.Ramganes waran, R.Madhav, Santhosh kumar, Rahul rajeev	CSE-0699	7500/-
ELECTRICAL, ELECTRONICS COMMUNICATION AND ENGINEERING					
807.	Dr.A.Ragavendiran Assistant Professor, EEE A.V.C. College of Engineering Mannampandal, Mayiladuthurai-609305	Landslide Monitoring, Detection and Prevention System Using Iod	C.Chandru rithvick J.Divakar R.Gopi P.Sivakumar	EEE-0762	7500/-
808.	Dr.G.Sujatha Assistant Professor in Food Process Engineering College of Food and Dairy Technology Koduveli, Chennai- 600052	Development of Cost Effective sensor based environmental chamber for preparation of fermented dairy products for self help groups (SHG's)	G.Yogasri, R.Supriya, K.Baby Shalini, K.Vignesh	EEE-1034	7500/-
809.	Dr.G.Yamuna Professor, ECE Annamalai University Annamalai Nagar- 608002	Deep learning algorithm and its applications in the prediction of benign and malignant thyroid nodules on ultrasound images	Pavithra Shanmugasundara m	EEE-0087	7500/-
810.	Ms.Bhavani.M. Assistant Professor, EEE Government College of Engg, Sethurapatti, Trichy-620012	Transforming Non-Smart to Smart Loads and Performing demand Response Using Local Measurement	Maha Janani.M., Sowbarnika.M.	EEE-0551	7500/-
811.	Mr.T.N.Suresh Babu Assistant Professor, ECE Adhiparasakhi Engineering College,Kalavai Ranipet District - 632 506	Super-Solar integrated Antenna for 5G Green Wireless Applications	Abirami.S Sandhiya.K Sujithra.M Kowsalya.K	EEE-1326	7500/-
812.	Mr.Vikram.G Assistant Professor, EEE Adithya Institute of Technology Kurumbapalayam, Coimbatore-641045	Design and performance evaluation of battery powered compact power supply for dielectric barrier discharge devices	Divya.A Karthick.S Pradeep.B	EEE-0886	7500/-
813.	Ms.Nithiya.R Assistant Professor/Biomedical Engineering Agni College of Technology Thalambur, Chennai-600130	Time controlled infrared emitted belt for menstrual pain relief	Sharmila.R Bhavadarani.R Naveen Kumar.S	EEE-1376	7500/-
814.	Mr.G.V.Jason Jebasingh Assistant Professor/ Biomedical Engineering Alpha College of Engineering Poonamallee, Chennai-600124	Design of Hand Gripper to stimulate Muscle activity for Hemiparetic Patients using EMG Sensor.	Aameena.K, Chitra Devi.N, Kanagavalli.M	EEE-0343	7500/-
815.	Mr.Rajavelu.K Assistant Professor, EEE C.K.College of Engineering and Technology, Chellangkuppam, Cuddalore – 607003.	Intelligent And Adaptive Illumination For Street Lights Using Iot	R.Ragul V.Sivasubramaniya n S.Thamizhrasan S.Mukeshkumar	EEE-0651	7500/-

816.	Dr.A.Suresh Professor, Marine Engineering AMET University Kanathur,Chennai - 603112.	Stand-Alone Photovoltaic Generation System For Efficient Electric Propulsion In Small Boats	Suraj Pandiyan S, Dhurva R Shetty, Ameer al safer	EEE-1705	7500/-
817.	Dr.Sivagama Sundari Assistant Professor, EEE Amrita College of Engineering and Technology Erachakulam, Nagercoil-629901	Preprogrammed Mulch Maker	Aruna.A.S, Aswini.K.A, Pooja.G	EEE-1852	7500/-
818.	Mr.Logeshwaran.R Assistant Professor, ECE Anand Institute of Higher Technology Kazhipattur-603103	Cross Layer Optimization Design for Localization of Underwater Unmanned AUV/BUOYS in Bay of Bengal	Vidhusa.A, Abirami.R, Amudha.A	EEE-0290	7500/-
819.	Mrs.D.Chandrakala Assistant Professor, EEE Easwari Engineering College 162, Bharathi Salai, Ramapuram, Chennai-600089	Heart Rate Monitoring and Heart Attack Risk Detection Using IoT	S.Kausalya, C.Logeshwaran	EEE-1842	7500/-
820.	Dr.J.Palanivel Professor and Head, ECE Anjalai Ammal Mahalingam Engineering College Kovilveni-614403	Fabrication and Characterizations of Super- capacitors using Activated Charcoal Electrodes from Waste Golden shower Tree pods	R.Venkateshwa ran, M.Sethupathi, M.Abinesh, B.Abinash	EEE-0904	7500/-
821.	Dr.V.Arun Assistant Professor, ECE Anna University Regional Campus Madurai Madurai-625019	E - Coconut Counting and Weighing Machine	Sadeesh.A, Srirama Madusuthanan.M, Maheshwaran.S	EEE-1868	7500/-
822.	Ms.R.Nivetha Assistant Professor, ECE Dr.Mahalingam College of Engineering and Technology Pollachi, Coimbatore-642003	Performance evaluation of Lora Lpwan technology for mountain search and rescue	Sivanesan.S, Satheesh Kumar.N	EEE-1952	7500/-
823.	Ms.R.Manju Assistant Professor, Biomedical Engineering Dr.N.G.P Institute of Tech. Coimbatore-641048	IOT Thermal and Mask entry System	Anantha Krishnan.M, Krishna Kumar, Dineshwar. S	EEE-1024	7500/-
824.	Dr.I.Alagarasan Professor, EEE Annapoorana Engineering College,Periyaseeragapadi (Po), Salem -636308	Artificial tree energy harvesting "A future electricity"	Dhanasekar.M, Anbu.M, Prabu.T, Anandhi.M	EEE-0362	7500/-
825.	Mr.M.Thiyagarajan Assistant Professor, EEE Arasu Engineering College Kumbakonam - 612501	Design and implementation of multi-sensor embedded bed for the earthquake protection	A.Ashwin, P.Ragul, S.Arun kumar	EEE-0694	7500/-
826.	Dr.U.Palani Professor, ECE IFET College of Engineering Gangarampalayam Villupuram-605108	Automatic battery charging unit for soldiers using the vibration of gun barrel	Padmavathi.N, Sadhana.R	EEE-0820	7500/-
827.	Ms.Vinothini.N Assistant Professor, EEE AVS Engineering college Ammamet, Salem-636003	Low switching loss SVPWM inverter for Electric Vehicle	Akashnathan.K, Dhilipan.R, Ragul.V, Srinath.M.P, Qvidhya.sagar.B	EEE-0640	7500/-

828.	Ms.K. Jamuna Associate Professor, School of Electrical Engineering VIT Chennai Vandalur - Kelambakkam Road, Chennai - 600 127	Z source inverter for PV applications	Vishnukarthik.S, Santhosh.R.S, Manoj kumar.K, S Lokesh	EEE-0168	7500/-
829.	Dr.S.R.Preethi Assistant Professor, ECE SRM Valliammai Engineering College Kattankulathur- 603203	A Low Power Voice Assistant	R.M.Vaasanth, M.Sri ram, A.Uves, M.Vasantha Raj	EEE-1701	7500/-
830.	Mr.Raju.C Assistant Professor, ECE Bannari Amman Institute of Technology Alathukombai - Post, Sathyamangalam- 638401	A portable iot based dipstick type engine oil level and impurities monitoring system	Aniritha.M, Ayisha.R, Shanmugapriya.S, Vidyavikashini.S	EEE-1841	7500/-
831.	Dr.R.Arulraj Assistant Professor, EEE Kings College of Engineering Punalkulam-613303	Optimal distributed generation planning in distribution network using efficient evolutionary algorithm	S.Chandra kumar, G.Santhosh, G.Santhosh	EEE-1720	7500/-
832.	Dr.S.P.Vijayaragavan Associate Professor, EEE Bharath Institute of Higher Education and Research Selaiyur, Chennai-600073	Density based traffic controlled and emergency vehicle rescue monitoring system	Naveen kumar, Bindhu sagar, Vignesh.G, Thirumoorthi.T	EEE-1591	7500/-
833.	Ms.N.Vijayalakshmi Assistant Professor, CSE Bon Secours College for Women, Vilar bypass Thanjavur-613006	Automatic barrier control in zebra crossing of roads	M.Rajalakshmi	EEE-0422	7500/-
834.	Mr.M.Shanmugham Assistant Professor, ECE Builders Engineering College Mullipuram(Po), Tirupur(Dt)-638108	Emergency Flying Warehouse for Medicine supply to Hospitals.	M.Rajeswari, T.Logesh	EEE-0987	7500/-
835.	Mr.Mohamed Hashim.B.A Assistant Professor, ECE C.Abdul Hakeem College of Engineering and Technology Melvisharam, Ranipet -632509	Jetson based activity monitoring system for elderly people at home	Syed kalamuddin.S Muhammed hamza.N , Rounaq sharief.F	EEE-0696	7500/-
836.	Dr.B.Ashok Kumar Assistant Professor, EEE Thiagarajar College of Engineering Thiruparankundram, Madurai - 625015	Energy Management System in Residence using Smart Controller	Shanmuga Priya K, Shobha M.S, Yoga Priya S, Swetha Dharshini.T	EEE-0217	7500/-
837.	Ms.Rathna.R Assistant Professor, ECE C.K.College of Engineering and Technology Chellangkuppam, Cuddalore – 607003.	Papr reduction in 5G UPMC system	Nitheeshkumar.B, Kavipriya.S	EEE-0661	7500/-
838.	Dr.S.Saravanan Assistant Professor, EEE Sri Krishna College of Technology, Kovaipudur Coimbatore-641042	Methodology for low cost battery self-reconfiguration process	Rishi Kumar.S, Ragav Raj Kumar. B, Shankar.S, Sarudharshini. R	EEE-1123	7500/-

839.	Mr.B.Paranthagan Associate Professor, EEE Saranathan College of Engineering, Panjappur, Tiruchirappalli – 620012	Implementation of peltier module based iron box powered by battery	Giridharan.R , Jagan Nivas.M , Mithun Raja.S.B , Rohith.S	EEE-1653	7500/-
840.	Dr.M.Kumar HoD, Dept. of ECE Chettinad College of Engineering and Technology Karur-639114	Dry Handwash using fog to save water	R.Ayshwarya, S.M.Valliammai, R.Priyadarshini, M.Vijayalakshmi	EEE-0816	7500/-
841.	Satheesh Kumar.P Assistant Professor, ECE Coimbatore Institute of Technology Coimbatore - 641014	Super Wide Band, Defected Ground Structure (DGS), and Metamaterial Based Compact Flexible Antenna for WLAN/ISM/WiMAX/UWB and other Wireless Communication Applications	Aagash Raaj.J.M , Arush.S, Ramal A Rahman, Uday Kumar.V	EEE-0040	7500/-
842.	Ms.C.Jayasri Assistant Professor, ECE A.V.C. College of Engineering Mayiladuthurai - 609305	Design of a low-cost Arduino based ventilator	A. Ayisha Begam, S. Devi, N. Padmapriya	EEE-1051	7500/-
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844.	Mr.Nandakumar Assistant Professor, ECE Dhaanish Ahmed Institute of Technology, Pichanur(PO) Coimbatore-641105	PLC Fault Passage Detector	Muhammed Shibili K, Ameer Zain.S, Muhammed Anas K, Shifas	EEE-1724	7500/-
845.	Dr.N.Arunkumar Associate Professor, EEE Dhanalakshmi Srinivasan College of Engineering Perambalur-621212	Solar energy based electric vehicle battery charging using lqr plus pdic voltage lift split inductor type boost converter	S.Praveen, K.B.Ragul, R.Selvakumar, S.Sriram	EEE-0293	7500/-
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849.	Dr.K.Rajathi Assistant Professor Dep. Of Biochemistry Dr.N.G.P Arts and Science College, Kalapatti Main Rd, Coimbatore-641035	Design and Implementation of IoT Technology in Vehicle for Accident Detection and Emergency Vehicle Tracking	Rajapriya.D	EEE-0766	7500/-

850.	Dr.S.Rajeshkannan Associate Professor,ECE St.Joseph's College of Engineering Semmencheri, Chennai-600119	Development of smart surveillance and vehicle halt system using deep learning vision model	Eswara Prasad.S, Giridharan.B	EEE-1334	7500/-
851.	Dr.K.Ramesh Kumar Professor Dept. of EEE Dr.N.G.P Institute of Technology Coimbatore-641048	Novel efficient Luo converter based on sheppard taylor topology for d.c micro grid application	S.Rohith, T.Gughapriyan S.Dhinesh	EEE-0969	7500/-
852.	Mrs.M.Vidya Assistant Professor, ECE Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur-602117	Optical Pen	Rahul.B, V Madhumitha, Nivedha Mugundhan	EEE-0577	7500/-
853.	Ms.D.Saranya Assistant Professor,EEE Aarupadai Veedu Institute of Technology, Paiyanoor, Chennai – 603104	Design and development of improved converter performance for solar system	Balaji.R, Abhijith.A	EEE-0609	7500/-
854.	Dr.R.Manjith Associate Professor, ECE Dr.Sivanthi Aditanar College of Engineering, Tuticorin District, Tiruchendur-628215	High Speed Low Power SRAM	Aswini.N	EEE-1570	7500/-
855.	Mrs.Bindu Babu Assistant Professor, ECE Easwari Engineering College 162, Bharathi Salai, Ramapuram, Chennai-600089	Multiple breast tumor detection using microwave imaging utilizing antipodal Vivaldi antennas.	Rama devi.S, Ramadevi.R	EEE-0314	7500/-
856.	Mr.Justin Livingston Assistant Professor, EEE St.Mother Teresa Engineering College, Vagaikulam, Thoothukudi -628102	Ultrasonic sensor based on Automatic Rotating Wheel chair	Rajesh kumar.R.K, Karkuvelmani.V, Thomas riniston.M	EEE-0472	7500/-
857.	Ms.Lavanya Assistant professor, ECE SRM TRP Engineering College Irungalur(PO) Mannachanallur (TK), Trichy- 621 105	Multipurpose agricultural vehicle	M.R.Padmalkshmi P.Sruthi	EEE-0175	7500/-
858.	Dr.R.Kalaivani HoD, ECE Erode Sengunthar Engineering College, Perundurai Erode - 638057	Audio transmission using USRP and LabVIEW for Disaster response	A.D.Nivetha, A.Bhuvaneshwari, K.Dhivya	EEE-0470	7500/-
859.	Dr.S.Jayapoorani Professor, ECE Excel Engineering College Komarapalayam, Namakal-637303	PLC -SCADA based automated boiler controller	Gowher jan.J, Nikitha.P, Parkavi.S, Bhuvaneshwari.S	EEE-0063	7500/-
860.	Mrs.N.S.Pratheeba Assistant professor, EEE Francis Xavier Engineering College, Vannarpet Tirunelveli-627003	Pv based nanogrid for residential load using hybrid converter	L.T.Abinaya, M.Masha, I.Melbana, J.Dharshini	EEE-0971	7500/-

861.	Mr.R.Poomurugan Assistant professor, ECE Gnanamani College of Technology,Pachal Namakkal-637018	Moving object tracking distance and velocity determination based on background subtraction algorithm	Gokul M, Harivignesh.D, Gowtham.A, Charles.A	EEE-1040	7500/-
862.	Dr.M.L.Sundararajan Assistant Professor, EEE Government College of Engineering, Sengipatti Thanjavur-613402	Study of Renewable Biogas and Bio fertilizer Generation In Anaerobic Wastewater Treatment	Nandhakumar.S, Dhanush.T, Rafeeq ahamed.A, Esakkiraja.R	EEE-1787	7500/-
863.	Dr.P.Maruthupandi Assistant professor, EEE Government College of Technology Coimbatore - 641 013	Maritime border alert system for fishermen	Thottatharani.I, Gunasekhar.P, Tamizh Manju.M, Saranya.J	EEE-0435	7500/-
864.	Dr.S.Chitra Assistant Professor, Government College of Technology Coimbatore - 641 013	Automatic Power factor correction based smart metering	Nagpradheep.N, Aravintha raju.R, Sindhuja.B, Britney jennifer.R	EEE-0927	7500/-
865.	Mrs.G.Besliya Angel Assistant Professor, EEE Grace College of Engineering Mullakkadu Thoothukudi-628005	Diminution of THD level for tranformerless grid connected PV system using multilevel hybrid inverter	T.Ananth, S.Mariselvi, P.Prasitha	EEE-0555	7500/-
866.	Ms.Saranya Assistant Professor, Biomedical Engineering GRT Institute of Engineering and Technology Tiruttani-631209	Design of TENS based anti- sleep glass for drivers	Mukesh.M, Grishanth.B	EEE-1048	7500/-
867.	Dr.T.D.Sudhakar Professor, EEE St.Joseph's College of Engg. Semmencheri Chennai-600119	Mitigation of mosquito larvae production in water bodies using photovoltaic energy applied to water agitators	Sebastian Sugan Gomez.J Sasikkumar.B	EEE-0059	7500/-
868.	Karpoora Sundari K Assistant Professor/ECE K.Ramakrishnan College of Technology, Samayapuram Tiruchirappalli-621112	Implementation of Automatic Garlic Peeler using MEMs for home based applications.	Mohamed faisal.M, Mohamed faisal bari.M, Venkatesan.R R.Vasantha kumar	EEE-0352	7500/-
869.	Ms.N.Krishnapriya Assistant Professor, ECE Jansons Institute of Technology, Karumathampatti Coimbatore-641659	IOT based low cost smart Ambu-bag compressing machine for low cost ventillators	Gayathri Devi.C, Madhumitha.M, Yogakrishnan.N.R. K, Ganeshram.M	EEE-0350	7500/-
870.	Ms.D.Monisha Assistant Professor Dept. of Biomedical Engineering Hindusthan College of Engineering and Technology Coimbatore-641032	Automated Paralysis Patient Monitoring System	Bharathi.B, Dharsan.K.K, Pankaj.V, Wasim Akram	EEE-1991	7500/-
871.	Dr.B.Paulchamy Professor & Head Dept of ECE Hindusthan Institue of Technology Otthakkalmandapam (po) Coimbatore -641032	A novel approach to communicate and to detect emotion of differently-abled persons using sensor devices and electroencephalogram signals	Sarath kumar, B Shaik Abdul rehaman, Vijay K, Manachala Mahesh	EEE-0559	7500/-

872.	Mr.Jenifer John. J Assistant Professor Dept of ECE Dr.C.Prema Associate Professor, ECE Jayaraj Annapackiam CSI College of Engineering Nazareth-628617	IOT Based Realtime Washing Machine Outlet Water Recovery system	Nandhini.B Sivapriyatharshini.J Periyatharshini.N, Shree Jeyagowri.M	EEE-0447	7500/-
873.	Mr.G.Karthick Assistant Professor, EEE Indra Ganesan College of Engineering, Manikandam Tiruchirappalli -620012	Forest Fire Prediction using Deep Learning and Sound Waves based Fire Extinguisher	R.Sasikumar, A.Inbaraj, A Arun Praveen Raj	EEE-0049	7500/-
874.	Mr.Mari Selvam Assistant Professor, ECE J.N.N Institution of Engineering Kannigaipair Tiruvallur-601102	Tech Army Suit	Challa suresh, Chillakuru Eekshith Reddy, Mallela Charath Kumar Reddy, Challa Guru Venkata Krishna	EEE-0231	7500/-
875.	Mrs.A.S.Narmadha Assistant Professor, ECE Jai Shriram Engineering College, Avinashipalayam Tirupur – 638660	Smart safety monitoring system for sewage workers with two way communication	S.Susmitha, D.Poongodi, R.Jayamalini	EEE-0568	7500/-
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880.	Dr.P.Gnanasivam Professor & HOD, ECE Jerusalem College of Engineering Pallikaranai,Chennai-600100	Age Estimation Using Face Biometrics to create safer internet for children.	Jagadeesh.E, Logapriya.P.S, Selvalakshmi.P.	EEE-1011	7500/-
881.	Mr.V.Ramkumar Assistant Professor, ECE K.Ramakrishnan College of Technology Samayapuram,Trichy- 621112	Design and Implementations of Smart Helmet for Air Quality and Hazardous Event Detection for the Mining Industry	Annamalai.S.P, Balakumar.R, Gajendra raj.V, Mahendra raj.B	EEE-1612	7500/-
882.	Dr.P.Vijayalakshmi Professor, ECE Hindusthan College of Engineering and Technology Pollachi High way, Coimbatore-641032	SMART CARZ-Prognostic Preventive Remote Health Monitoring System for Vehicles	Alagusundaram.S, Gowsik.P, Amreen.R, Immaculate Pravithra.R	EEE-0029	7500/-

883.	Dr.D.Sri Vidhya Associate Professor, EEE K.S.Rangasamy College of Technology Tiruchengode-637215	Intelligent e-rollator for superannuated people	M. Saravana Kumar, S.Sathya, M.Vijay A.Sekar	EEE-0428	7500/-
884.	Mr.M.Rajasekar Assistant Professor, EEE Knowledge Institute of Technology, Kakapalayam Salem-637504	Pure spines – an IoT enabled personal assistant to predict the arrival of back and leg pain for healthier human life	Balaji.V, Dinesh balaji.M, Kajal.A, Saranya.C.V	EEE-0416	7500/-
885.	Mr.T.Jagadesh Assistant Professor/ ECE KPR Institute of Engineering and Technology Arasur, Coimbatore - 641407	Smart fertilizer management system using iot	Ajay krishna.A.M, Gowtham.P, Chittharanjan.D	EEE-1711	7500/-
886.	R.Rajendran Assistant Professor, ECE Krishnasamy College of Engineering & Technology S.Kumarapuram, Cuddalore-607109	An early detection system of milk adulteration using artificial intelligence	S.Aarthy, R.Girija	EEE-1436	7500/-
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888.	Dr.N.M.Mary Sindhuja Assistant Professor, ECE Kamaraj College of Engineering & Technology Virudhunagar-626 001	Power saving using motion sensor in public spaces	K.Shenabaga Devi, U.Rajalakshimi N.MadhuSivani	EEE-0476	7500/-
889.	Ms.Lakshmi prabha.K.E Professor, EEE Karpaga Vinayaga College of Engineering and Technology Chinna Kolambakkam, Maduranthagam Taluk, Chengalpattu District- 603 308	Performance analysis of sepic with different controllers for grid connected renewable energy system	Gowsalya, Ragul, Shaaan, Vignesh	EEE-2022	7500/-
890.	Mr.S.Baskar Assistant Professor, ECE Karpagam Academy of Higher Education, Eachanari Post, Coimbatore – 641 021	IoT based intelligent smart home monitoring system	Siranjith.P, Karthikeyan.A, Sridhar.V, Vimal.T	EEE-0457	7500/-
891.	Ms.C.L.Annapoorani Assistant Professor, Biomedical Engineering Jerusalem College of Engineering, Pallikaranai, Chennai-600 100	Electromyography (EMG) with myoware muscles sensor and arduino	A.Abimanyu, E.Anand Raj, K.S. Kalaichezhiyan K.Mahendran.	EEE-0954	7500/-
892.	Mr.Athappan Assistant Professor II, EIE Kumaraguru College of Technology Chinnavedampatti, Coimbatore -641 049	Centralized control and Monitoring of process plant using DCS	Sivanikesh.S.R, Sounder Raj.S, Perinpan.P	EEE-2012	7500/-
893.	Dr.Sundar Ganesh.C.S Assistant Professor, EEE Karpagam College of Engg. Myleripalayam, Othakal Madndapam Post, Coimbatore-641032	Glucose trip bottle level indicator	Jayakumar.E, Manikandan.R, Sridhar.S, Venkatesan.C	EEE-0515	7500/-

894.	Mrs.Leena. B Assistant Professor, ECE KGiSL Institute of Technology Saravanampatti, Coimbatore - 641 035	E-cycle for eco-friendly environment	Karthick.R, Dileepkumar.K, Vivetha.P, Veena.S	EEE-1925	7500/-
895.	Mr.I.Aravindaguru Assistant Professor, EIE M.Kumarasamy College of Engineering Thalavapalayam, Karur - 639113	Automatic detection of white blood cancer from bone marrow microscopic images using convolutional neural networks	Baby Pranish.B, Naveena.P, Santhosh.T	EEE-0874	7500/-
896.	Dr.L.Rajesh Teaching Fellow, Electronics Engineering Madras Institute of Technology Campus, Chrompet Chennai-600044	Identification of rice adulteration using machine learning techniques	Jai.T.L.Harish	EEE-1919	7500/-
897.	Dr.C.Rajarajachozhan Associate Professor, ECE Kings Engineering College Irungattukottai-602117	Transmission line multiple fault detection and indication to electricity board	P.Sivagami, D.Gokulapriya	EEE-0622	7500/-
898.	Dr.K.Ramasamy Professor, Biomedical Engineering KIT-Kalaignar Karunanidhi Institute of Technology Kannampalayam (PO) Coimbatore - 641402	Robotic Sixth Finger to compensate and augment the human manipulation abilities	Pavithra.K, Priyanka.P, Aakash.MJ	EEE-0961	7500/-
899.	Dr.K.Meena alias Jeyanthi Professor, ECE PSNA College of Engineering and Technology Dindigul-624622	Incentivized trash bin for smart city	C.Dinesh ram, E.Harini, M.Bagyasri, A.Narmatha	EEE-0704	7500/-
900.	Dr.Bindu K.V Assistant professor, EEE R.M.K College of Engineering and Technology Gummidipoondi Taluk Puduvoyal Thiruvallur- 601 206	High voltage generation by using cockcroft walton voltage multiplier	Aishwarya.K, Achutha A.P, Subhalakshmi.M	EEE-1402	7500/-
901.	Dr.K.Kavitha Professor, ECE Kumaraguru College of Technology Chinnavedampatti Coimbatore -641049	Vibration signals analysis and condition monitoring of centrifugal pump using machine learning	Abirami R, Mohamed Musthafa Usama.J, Ajey Bhalajee.K	EEE-0433	7500/-
902.	Mr.K.Sudhakar Assistant Professor&Head,ECS Kumararani Meena Muthiah College of Arts & Science Gandhi Nagar Chennai-600020	Arduino based automatic speed control system in speed limited areas (hospitals, schools & college zone)	B.Ajith, P.Dineshkumar, G.Kirubhakaran, P.Prabhu	EEE-1637	7500/-
903.	Dr.S.P.Joy Vasantha Rani Associate Professor, Department of Electronics Engg.,Madras Institute of Technology, Chrompet, Chennai-600044	Depression detection using wearable technology	Gayathri.K	EEE-1015	7500/-

904.	Ms.K.Jayanthi Assistant Professor, ECE Mahendra College of Engineering, Minnampalli Salem - 636106	Design and implementation of hard hat for construction workers using iot	Aruna.M, Blesse devapriya.S, Manimegalai.S, Radhika.S	EEE-0508	7500/-
905.	Dr.S.Ganesan Professor & Head, ECE Mailam Engineering College Mailam, Villupuram– 604304	Controlled war field spy robot using night vision wireless camera and android application	Nithish kumar, Rasheed ali , Dharma raj, H.Mohamed fayas	EEE-1434	7500/-
906.	Ms.S.Kavitha Assistant professor, ECE MAM College of Engineering and Technology Siruganur- 621105	Diagnosis of Covid-19 by Air Content Analysation.	Kishore bharathy. K P, Mohamed asheef M, Selvaraj.K	EEE-0573	7500/-
907.	Dr.K.Menaka Assistant professor, ECE Mangayarkarasi College of Engineering Paravai-625402	Abnormal Activity Detection For Intelligence Surveillance Systems Applications	Manojkumar.K, Karvannan.U, Gopinath.P, Karthick.K	EEE-1539	7500/-
908.	Dr.C K.Aravind Assistant Professor, EEE Mepco Schlenk Engineering College, Sivakasi -626005	An adaptive-droop regulated current sharing control of parallel boost converters using tms320f28379d controller	Aarthi.A, Amirtha.K, Keerthana Sivaali. M	EEE-1723	7500/-
909.	Mr.M.Prabu Assistant professor, ECE Misrimal Navajee Munoth Jain Engineering college Thoraipakkam, Chennai - 600097	Testing different types of water samples for cultivation & domestic purposes using tds sensor	B. Sathya Abhinav, Hayagriva Narayanan.B, Suraj Shailendra Sugandhi	EEE-0096	7500/-
910.	Dr.PL.Natchiammai Assistant Professor, ECE Mookambigai College of Engineering Kalamavur, Keeranur, Pudukkottai-622502	Monitoring system for coal mine safety using wireless sensor	Abiramy.S, Besmah Gani Ansary, Sarojini.V, Swetha.R	EEE-1390	7500/-
911.	Mr.R.Arunkumar Assistant Professor, ECE Mount Zion College of Engineering & Technology Pilivalam P.O, Thirumayam Tk, Pudukkottai-622507	Automatic Wireless COVID- 19 Medical Assistant Bot	Maria Angel Christy V, Abirami.S, Akshaya.A, Mohana Prasath	EEE-0387	7500/-
912.	Dr.R.Murugasami Associate Professor, ECE Nandha Engineering College Pitchadampalayam Erode-638052	Real Time Monitoring of Waste Water Production and Effluent Treatment in the Dying Industry	S.Santhosh, R.Yogeshwaran, M.Karthich Saran	EEE-0443	7500/-
913.	Mr.S.Govindasamy Narasu's Sarathy Institute of Technology, Poosaripatti Salem-636305	Using drone to recognize face & movement	G.Guna Varma M V Mohammed Toshief M.Sathish Kumar	EEE-0782	7500/-
914.	Dr.K.J.Prasana Venkatesan Mr.S.Cammillus Assistant Professor/ ECE National Engineering College Kovilpatti - 628503	Smart Commode	Manikandan.M, Abiraminathan.T , Shenbaga Ramya M, Jeyashri S.A	EEE-0965	7500/-
915.	Mr.S.Daison Stallion Assistant Professor, EEE Nehru Institute of Engineering and Technology, Coimbatore-641105	Fabrication of solar grass cutting machine	Manickavasakam.I, Shajadh.S	EEE-0246	7500/-

916.	Dr.K.Valarmathi Professor, ECE P.S.R. Engineering College Sevalpatti, Sivakasi - 626140	Night vision patrolling robot using arduino	G.Sathya Sree, I.Prasanthini, P.Vinothini	EEE-1617	7500/-
917.	Dr.S.Deepa Professor, EEE Panimalar Engineering College Nazarethpettai, Poonamallee, Chennai-600123.	Design of solar vehicle for a crippled person	N.S.Arjun, T.K.Abdul Bazith, P.Benovin, B.Aravind Kumar	EEE-1440	7500/-
918.	Mr.C.Ramesh Assistant professor, ECE KIT-Kalaingar Karunanidhi Institute of Technology Kannampalayam (Post) Coimbatore - 641 402	Power management using piezoelectric sensor	Nanda Kumar.R, Sindhu devi.R.S	EEE-1388	7500/-
919.	Dr.Hariprasath Manoharan Mr. M. Arun Assistant Professor, ECE Panimalar Institute of Technology, Poonamallee Varadarajapuram-600123	Implementing pre processing practices in fisheries using internet of things	Mithresh.G.P, Aparna.G, Goushika.G.S Naveen Prasath.M	EEE-0806	7500/-
920.	Dr.V.Hamsadhwani Associate Professor, EEE Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur - 613403	Sewer clogging prediction system based on machine learning by using iot	Jamal Mohamed. M, Gunaseelan.R, Pradeep.G	EEE-1389	7500/-
921.	Dr. P. Sweety Jose Assistant Professor, EEE PSG College of Technology Peelamedu, Coimbatore-641004	Smart water management system	Ambrish.S, Muralidharan.M, Umesh.B	EEE-0928	7500/-
922.	Mr.K.Vijay Aanad Associate Professor, EIE R.M.K Engineering College Gummidipoondi Taluk Kavaraipettai-601206	Adaptive traffic signal timer using python and opencv	Gopalakrishnan.M, Venugopal.B, Anbunithi.K	EEE-1058	7500/-
923.	Dr.G.Nirmala Priya Professor, ECE Rajalakshmi Institute of Technology Kuthambakkam Post, Chennai- 600124	Design and implementation of smart glasses for assisting alzheimer's patients	Barath Raj.K, Arjun.G, Jayasurya.V.T	EEE-0185	7500/-
924.	Dr.Azhagu Jaisudhan Pazhani Associate Professor, ECE Ramco Institute of Technology Rajapalayam-626117	Ground water level identification and its impact on rural district in tamil nadu, india	Anitha Ram.R , Kokila Priya.N	EEE-0384	7500/-
925.	Dr.N.Ismayilkani Professor and HoD, EEE S.Veerasmay Chettiar College of Engineering and Technology, Puliynagudi Tenkasi - 627855	An Intelligent Electronics Voting System -Integrating Finger Print and Face Recognition	Mohamed Asarudeen.A, Mohamed Haroon Rasheed.S, Rajkumar.A,	EEE-0423	7500/-
926.	Ms.Kavitha Assistant Professor, EEE Saveetha Engineering College Sriperumbudur Taluk Chennai-602105	Smart Shoes For Blind People	Amrith Daniel.S, Naveen Kumar.J.I, Abishek.J	EEE-1414	7500/-
927.	Ms.Manisha Professor, Biomedical Engg, SMK Fomra Institute of Technology,Thaiyur Village Kelambakkam, Chengalpet Dt-603 202	Ultrasonic and voice based walking stick for blind people	Vishwanathan.E, Avin.W, Prathap Reddy.K, Srikumar.A	EEE-0141	7500/-

928.	Mr.Suresh.G Assistant professor, EEE Sona College of Technology Salem -636005	IoT based Speaking System for Mute People using Hand Gestures	Rithisha.R, Swetha.J, Sweetha.J.S	EEE-0336	7500/-
929.	Dr.T.Veeramanikandasamy Associate Professor, ECE Sri Krishna Arts and Science College, Sugunapuram East Kuniamuthur-641008	IoT based Continuous Vital Signs Monitoring System for Covid-19 Patients using Wearable Sensors and Early Detection Algorithm	Vasudhaa.C.S, Victorine.T.A, Roobashri.P	EEE-0562	7500/-
930.	Mr.V.Parthiban Assistant Professor, ECE Sri Muthukumar Institute of Technology, Chikkarayapuram Chennai -600069	IOT based smart garbage and waste management system	Pavithra.B , Munofer nisha.K	EEE-0234	7500/-
931.	Ms.P.Jeyabharathi Assistant Professor, ECE Sri Ranganathar Institute of Engineering and Technology Athipalayam, Coimbatore -641110	IOT assisted segregation and monitoring waste for smart cities	R.Gomathi, R.Srinidhi, J.Deepika, N.Nanthini	EEE-1439	7500/-
932.	Mr.R.Dhanasekar Assistant Professor, EEE Sri Sairam Institute of Technology,West Tambaram Chennai - 600 044.	Water Absorbing Pavements by using Porous Concrete	Kirubanandhan.P, Rahul.V	EEE-0492	7500/-
933.	Mr.A.Senthikumar Assistant Professor /ECE Sri Shakthi Institute of Engineering and Technology Chinniyampalayam post, Coimbatore 641062	Peltier based air cooler using IOT	Kathyayini.S, Gokila.S, Mirunalini.M, Lekha Shree.D	EEE-1406	7500/-
934.	Mr.S.Thenappan Assistant Professor, ECE Sri Shanmugha College of Engineering and Technology Pullipalayam, Salem-637304	Fire detection and monitoring system using Arduino	P.Divya, K.Kokila, R.Priyanka, K.Shaaleni	EEE-0591	7500/-
935.	Mr.S.Sudharsanam Assistant Professor, EEE Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur-602117	Fabrication of MoS2 based Thin Film Transistor for display application	S.Sanjay, S.N.Shankara raaman, P.Swetha	EEE-0333	7500/-
936.	Ms.S.Jacquilin Veda Jancy Assistant Professor, ECE SRM Institute of Science and Technology, Bharathi Salai, Ramapuram, Chennai- 600089	Advanced Pepper Spray With Integrated Taser And Gyroscope	G Vikneswar, Adithyan.M, Sabharish.K.P, Naveen Kumar Reddy.K	EEE-1430	7500/-
937.	Ms.P.Revathi Assistant Professor (Sr.G) Electronics and Instrumentation Engineering Kongu Engineering College Perundurai,Erode-638060	Design and Development of Poundage Based Feeding Machine for Aquaculture	Riswan Ahamed M.I Sowndharyan.S Vignesh.A	EEE-1581	7500/-
938.	Dr.Vijay.J Associate Professor, Biomedical Engineering SSN College of Engineering Kalavakkam-603110	Non - Clinical Pain Assessment - A Pilot Approach	Chetana Krishnan, V.Sasya Subramanyam	EEE-0669	7500/-
939.	Dr. S. Anita Associate Professor, ECE St.Anne's College of Engineering and Technology Anguchettypalayam, Cuddalore District-607 106	Saline Level Monitoring System using Lora Technology	Sineka.R, Preethi.R, Parameswari.G, Krishna Dharshini.S	EEE-1418	7500/-

940.	Ms.D.Kalaiselvi Assistant professor, EEE GRT Institute of Engineering and Technology Tiruttani-631209	Monitoring and controlling system of pole mounted distribution substation using iot	S.Darvin, D.Sivanesan, P.Chandrasekar	EEE-1727	7500/-
941.	Ms.R.G.Nirmala Assistant professor, EEE St.Joseph's Institute of Technology, Semmencherry Chennai - 600119	Power compensation in hybrid wind-PV grid connected using PVR	A.S.Keerthanaa Sri	EEE-0074	7500/-
942.	Ms.Thangam.C Assistant Professor, ECE St.Mother Teresa Engineering College, Vagaikulam Tuticorin - 628102	Health Care Monitoring System Using LIFI Technology	A.Anandh, P.Arumugam, R.MuthuKumaran, M.Karthik	EEE-0158	7500/-
943.	Dr.T.S.Jeyali Laseetha Professor, ECE Vivekanandha College of Engineering for Women Elayampalayam Namakkal dt- 637205	Smart Harvester for Turmeric	Dhiventhra.S, Madhura.S, Arrchana.M	EEE-0419	7500/-
944.	Mr.Kumaresh.S.S Teaching Fellow, EEE University College of Engineering-Kancheepuram Ponnerikarai-631552	Novel Covid-19 detection and diagnosis system using IOT based smart helmet	K.Anusuya, E.Chandru, P.Lavanya, D.M.Manish	EEE-0610	7500/-
945.	Mr.R. Manikandan Teaching Fellow, EEE University College Engineering-Thoothukudi Campus, Thoothukudi 628008	Electric Drift Race Bike	Makwin Santhosh. K	EEE-0339	7500/-
946.	Mr.Prabaakaran.K Assistant Professor, EEE Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Avadi,Chennai-600062	Smart gloves for live-wire worker	Paari venkat.S . Vashanth.C, Abinesh.M	EEE-0099	7500/-
947.	Ms.K.Kavitha Assistant Professor, ECE Velalar College and Engineering and Technology Thindal-638012	Automatic car parking system	S.Rajshree, D.Sarankumar, T.Suguna, S.Swetha	EEE-1657	7500/-
948.	Dr.J.S.Leena Jasmine Professor, ECE Velammal Engineering College Surapet, Chennai - 600 066	Smart plants and spoil analyser	Saranya murali, Vansika.G.A, Thulasi.R, Moni shruthi	EEE-1028	7500/-
949.	Mr.S.Mohan Assistant Professor, ECE AVS Engineering College Ammamet, Salem-636003	Advanced foot step power generation system using RFID for wireless charging	C.Kaviya, M.Jothika, G.Arunarani, A.Anisha	EEE-1626	7500/-
950.	Dr.M.Sasi Kumar Associate Professor, EEE Jeppiaar Engineering College Semmancheri Chennai-600119	User Friendly Trolley System in Malls	S.Cross Dass Placid, G.Sanjay Kumar, S.Bhuvanesh waran, K.Anandh	EEE-1686	7500/-

951.	Mr.D.Manoj Assistant Professor, EEE SSM Institute of Engineering and Technology Dindigul – 624002	High efficiency wireless power transfer for electric vehicle applications	Vigneshwaran.K, Ramkumar.P, Thanuj.K, Viswakshenan.J	EEE-1544	7500/-
MECHANICAL ENGINEERING					
952.	Dr.S.M.Sivagami Assistant Professor Dept. of Mechanical Engg., Alagappa Chettiar Government College of Engineering and Technology Karaikudi -630003	Modification of eco-friendly BS IV two wheeler silencer for the reduction of carbon footprint	Dineshwaran.M, Ganapathy Raja Gopal.R, Guru Moorthi.B, Logesh.H	EME-0454	7500/-
953.	Dr. R. Varthini Assistant Professor Dept. of Mechanical Engg., Government College of Engineering, Sethurapatti Trichy-620 012	Design and Characterization of Patient-Specific 3d Printed Vertebral Implants	Abinesan.T, Navaskhan.U, Naveenkumar.K, Gokul Raj.B	EME-0316	7500/-
954.	Dr.K.Syed Jafar Assistant professor Dept. of Mechanical Engg., Government College of Engineering,Settikarai, Dharmapuri-636704	Solar powered peltier based independent fully automatic egg incubator	Fasil.S, Hariharan.B, Viswanathan.M, Rohindh.D	EME-0456	7500/-
955.	Mr.Subramaniyan.C Dept. of Mechanical Engg., Bannari Amman Institute of Technology, Sathyamangalam Erode - 638 401	Automatic multi crops harvesting machine for root vegetables (carrot, beetroot, onion and garlic), flower vegetables (cabbage, cauliflower) for small scale and medium scale farmers in tamilnadu	Dinesh.S	EME-0076	7500/-
956.	Dr.G.Suganya Priyadarshini Assistant Professor Dept. of Mechanical Engg., Coimbatore Institute of Technology Coimbatore - 641 014	Design and fabricating an autonomous robotic system for library management	Elamparithi.C.S, Govardhan.M, Kabilan.S, Nalin Suriya.S	EME-0958	7500/-
957.	Mr.A.Eakambaram Associate Professor Dept. of Automobile Engg., Arunai Engineering College Cuddalore Road, Mathur, Tiruvannamalai- 606 601	Auger mechanism for cleaning drainage - clean and purity india	Abishek.S, Jayapriya.J, Rajkumar.R, Sakthivel Murugan.M	EME-0023	7500/-
958.	Mr.S.Thiagarajan Assistant professor Dept. of Mechanical Engg., Easwari Engineering College Ramapuram, Chennai-600089	Design and fabrication of smart controlled 7 stage high grade air purifier for killing air borne pathogens including sars-cov-2	Swathi.G, Kabeerr.M, Gokul.K	EME-0435	7500/-
959.	Dr.S.Arulmozhi Associate Professor Dept. of Environmental Engg Erode Sengunthar Engg College, Erode- 638057	Treatment of domestic effluent by using fibrous materials as fixed aerated beds	Vishnuvarthan.P	EME-0587	7500/-
960.	Mr.T.Suresh Assistant Professor Dept. of Mechanical Engg Kamaraj College of Engineering and Technology K.Vellakulam - 625701	Design and fabrication of solar operated litter raking machine for poultry farm	J.Bala Vignesh, S.Satheesh Kumar, T.Navaneetha Krishnan	EME-0451	7500/-

961.	Dr.K.Mayandi Associate Professor Dept. of Mechanical Engg, Kalasalingam Academy of Research and Education Krishnankoil, Virudhunagar District- 626126	Wash basin waste water reusable filtration gadget	Bommareddy Gowtham Reddy, Guturi Dhanush Kumar, Bijjam Prakash Reddy	EME-0719	7500/-
962.	Dr.M.Sasikumar Assistant Professor Dept. of Mechatronics K.S.Rangasamy College of Technology, Tiruchengode Namakkal- 637215	Development of lot based electric vehicle battery	G.Jeenath Kumar, B.Karthikeyan, C.Naveen Kumar, K.Vignesh	EME-0619	7500/-
963.	Mr.R.Veeramani Associate Professor Electronics and Communication Engineering K.S.R. College of Engineering Thokkavadi (PO), Tiruchengode (TK)-637215	Voice controlled robot	Boobalan.A, Kavin Raj.K.L, Sanjaykumar.Na, Sridharan.P	EME-1051	7500/-
964.	Mr.Vignesh G Assistant Professor Dept. of Mechanical Engineering Karpagam Academy of Higher Education,Eachnari Post, Coimbatore 641021	Development of simple and cost-effective waste-food fertilizer bin	P.Venkadesh Aravinth, S.Sakthi Deepak, K.Jayasurya	EME-0391	7500/-
965.	Mr.P.Naveen Kumar Assistant Professor Dept. of Mechanical Engineering Hindusthan College of Engineering and Technology Coimbatore - 641 032	Design and fabrication of floor cleaning machine	Anbuselvan.A.C, Logesh.R, Manikandan.P	EME-0969	7500/-
966.	Mr.M.Sanjay Assistant Professor Dept. of Aeronautical Engineering Excel Engineering College Komarapalayam Namakkal -637303	Tracking of light aircraft at low altitudes using smartphone	Kuberan.B, Raguraj.J, Rajkumar.A, Sathyapraveen.M	EME-0117	7500/-
967.	Ms.Abimathi Assistant Professor Dept. of Biomedical Engineering Dr.N.G.P Institute of Technology Coimbatore-641 048	Development of a non- invasive baby sleep monitoring and intelligent control system for the prevention of unexpected death in previously healthy babies and early detection of risky situations	Praveena Nachiyar. A, Preetha.T, Reshma.R	EME-0101	7500/-
968.	Dr.J.Arunprasad Assistant Professor Dept. of Mechanical Engineering Dhanalakshmi Srinivasan Engineering College Perambalur (DT)-621 212	The effect of lanthanum oxide nanoparticles on the performance, emission, and tribological properties of biodiesel from naviculla sp. algae	S.Hariharan, R.Gokul, R.Kirubanithi, S.Karthickraja	EME-0565	7500/-
969.	Dr.N.S.Senthur Associate Professor Dept. of Mechatronics Bharathi Institute of Higher Education and Research Selaiyur P.O., Chennai-600 073	lot based patient health monitoring system with heart rate and oximeter lower alert system	Lakhan Purohit	EME-0752	7500/-

970.	Dr.N.Sathish Kumar Assistant Professor Dept. of Mechanical Engg Builders Engineering College Nathakadaiyur, Kangayam Taluk, Tiruppur-638108	Design and fabrication of waste cleaner	Sakthi Vadivel.P, Shanmugam.T, Siva Sankar.B	EME-0814	7500/-
971.	Mr.M.Mohandass Assistant Professor Dept. of Mechatronics Engg. Coimbatore Institute of Engineering and Technology Thondamuthur via, Coimbatore- 641 109	Sun tracking using solar panel with energy measurement	Anbumuruga pandi.R, Jayanth Krishna.R.S, Jeyanthan.S, Nitheesh Kumar.AS	EME-0996	7500/-
972.	Mr.V.Yokesh Assistant Professor Dept. of Electronics and Communication Engineering Jeppiaar Institute Of Technology,Kunnam, Chennai-631 604	Vehicle to vehicle wireless charging system	R.Pavithra, S.Cherlin Steffy, R.Bharani	EME-1037	7500/-
973.	Mr.S.Dinesh Assistant Professor Department of Mechanical Engineering K.Ramakrishnan College of Technology Samayapuram – 621112	Design and manufacturing of electric paddy wheel grower and weeder	Karthick.M, Lakshan.T	EME-0715	7500/-
974.	Mr.Aruljothi.A Assistant Professor Dept. of Automobile Engg Karpaga Vinayaga College of Engineering and Technology Chinnakolambakkam, Chengalpet Dist- 603308	Metal detecting rf controlled robotic vehicle in public places	Madhanraj.B, Saran.S, Purushothaman.J, Gokulavishal.S	EME-0048	7500/-
975.	Dr. Vignesh Kumar M Assistant Professor Dept. of Mech Engineering KCG College of Technology Karapakkam, Chennai - 600 097	Design and development of multipurpose smart vending cart integrated with an mobile application	Harish.R, Moneeshvar.S, Aravindhan.S	EME-1000	7500/-
976.	Dr.T.Venugopal Assistant Professor Dept. of Mechanical Engineering KGiSL Institute of Technology Thudiyalur main road, Saravanampatti, Coimbatore - 641035	Design and fabrication of eco-friendly mechanically operated agricultural sprayer	Ajay.R.J, Arishwaran.T, Sankar.S	EME-0085	7500/-
977.	Mr.Arivumani Ravanan Assistant Professor Dept. of Mechanical Engineering KIT - Kalaingar Karunanidhi Institute of Technology Kannampalayam Post Coimbatore - 641 402	Eco friendly floating rover for removing wastes from water surfaces	Jaya Vishnu.R, Senthilkumar.G, Subash.S, Goutham Vaithesvar.P	EME-0411	7500/-
978.	Mr.S.Desikan Assistant Professor Dept. of Mechanical Engineering Kings College of Engineering Pudukkottai-613 303	Design and fabrication of automatic urinal flushing system	R.Karthikeyan, D.Akashraja, S.Fazilahamed, M.Kailashkumar	EME-1040	7500/-

979.	Dr.A.Sivakumar Assocaitte Professor Dept. of Mechanical Engineering Kongu Engineering College Perundurai, Erode-638060	Design and fabrication of smart ceiling mop with adjustable head for pandemic situation	Ramanathan.K, Rishikesh.M.V, Sanjay.K	EME-0401	7500/-
980.	Mr.Kannan.T Assistant professor (Sr.G) Dept. of Mech Engineering KPR Institute of Engineering and Technology Avinashi road, Arasur Coimbatore 641407	Bluetooth controlled floor cleaning robot by using android phone	Mouliswver.P, Logeaswaran.M, S.Mahesh Boopathy	EME-0721	7500/-
981.	Mr.M.Velmurugan Assistant Professor Dept. of Mech. Engineering Krishnasamy College of Engineering & Technology S.Kumarapuram, Cuddalore-607109	Fabrication and investigatoin of heat pipe solar collector using aluminum oxide nano material as working fluid	S.Praveen, N.Yuvaraj, N.Dineshkumar	EME-0056	7500/-
982.	Mr.Balamurugan.S Assistant Professor Dept. of Mechanical Engineering KSR Institute of Engineering and Technology Tiruchengode - 637 215	Automatic door opener using arduino and pir sensor	Sridhar.P, Sudarshan.R, Vijay.S, Vimalkumar.V	EME-0250	7500/-
983.	Mr.Sreeharan.S Assocaitte Professor Dept. of Mechanical Engineering Kumaraguru college of Technology,Chinnavedampatti Coimbatore - 641049	Design and fabrication of pneumatic drilling cum riveting machine	Kanish.M.G, Kavinprabhu.P, Praveen.M.V	EME-0462	7500/-
984.	Dr.I.Vamal Kannan Professor Dept. of Mechanical Engineering M.A.M College of Engineering and Technology, Siruganur Trichy - 621105	Design implementation of portable rolling cutter for mechanisation of rice harvesting in tiruchirapalli district	Abdul Rahaman.S, Surya.K, Yuvaraj.S, Gopinath.M	EME-0766	7500/-
985.	Mr.S.Saravanakumar Assistant professor Dept. of Mechanical Engineering M.Kumarasamy college of Engineering, Thalavapalayam, Karur-639113	Step climbing trolley	Duvarakesh.S, Hasish Kapoor.J, Sujith.B	EME-0832	7500/-
986.	Mr.Elayaraja R Assistant Professor Dept. of Mechanical Engineering Mahendra Engineering College, Namakkal – 637408	Fabrication of lorry top roff using borassus shell and ground nut shells	Haritha.A.S	EME-0584	7500/-
987.	Mr.Rajesh.T Assistant professor Dept. of Mechanical Engineering Mangayarkarasi College of Engineering, Paravai Madurai - 625 402	Design and fabrication of solar powered multiple crop cutter machine.	M.Vinothpandiyan, R.Balaji, P.Krishnan, C.Pavithran	EME-0376	7500/-

988.	Dr.B.Dhinesh Assistant Professor Dept. of Mechanical Engineering Mepco Schlenk Engineering College, Sivakasi – 626005	Hybrid battery thermal management for batteries in electric vehicle	Madhan Babu.S, Nidhish.T, Harish Aburvan.A	EME-0186	7500/-
989.	Mr.Vigneshwaran Assistant professor Dept. of Mechanical Engineering Mohamed Sathak AJ College of Engineering Egattur-603103	Solar powered sewage cleaning machine	Mohamed Farook Fayas, Shahila.P, Mohamed Shafi.S	EME-0131	7500/-
990.	Dr.S.Boopathi Professor Dept. of Mechanical Engg Muthayammal Engineering College, Rasipuram- 637408	Low-cost automatic seed and sugarcane sowing machine	Praveenkumar.S, Praveen.M, Veeramani.C, Vembarasan.E	EME-0825	7500/-
991.	Dr.B.Radha Krishnan Assistant Professor Dept. of Mech Engineering Nadar Saraswathi College of Engineering and Technology, Vadapudupatti, Theni - 625531	Investigate the tribological behaviour of self-lubricating the magnesium matrix composite	S.Sarankumar, N.Dinesh Kumar, M.Rishi, K.Soundhar	EME-0154	7500/-
992.	Dr.R.Ganesh Professor Dept. of Mechanical Engineering Parisutham Institute of Technology and Science Nanjikottai, Thanjavur - 613006	Air gasification of biomass mixtures in fluidized bed gasification	Dhanush Kumar.M, Santhosh.E, Surya.T, Steward Rodoled.S	EME-0989	7500/-
993.	Dr.P.K.Srividhya Professor Dept. of Mechanical Engg. Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur -613403	Development of a compact fabric shredder machine	R.Dhileep Kumar, R.Jayapraveen, S.Prabath	EME-0936	7500/-
994.	Dr.P.Maadeswaran Assistant Professor Dept. of Energy science and Technology, Periyar University Salem-636011	Design and prototyping of a mono-rotational turbine blade for generating electricity from coastal tidal waves	Priyadharshini.M, Mohanraj.D, Rajkumar.A	EME-1035	7500/-
995.	Mr.C.Devanathan Assistant Professor Dept. of Mechanical Engg. Rajalakshmi Engineering College, Rajalakshmi Nagar Thandalam - 602 105	Comparison of wear characteristics of magnesium and copper based surface composites prepared by friction stir processing route	N.Jayavarshan, J.Harieharan, J.Jeff Anthony	EME-0343	7500/-
996.	Dr.D.Ganapathi Assistant Professor (SG) Dept. of Agriculture Engg Saveetha Engineering College Chennai - 602 105	Development of power operated cono-weeder for system of rice intensification	Sriram.M	EME-0853	7500/-
997.	Dr.K.Haribabu Associate Professor Dept. of Mechanical Engineering SCAD College of Engineering and Technology Tirunelveli- 627414	Fabrication of portable pedal operated hacksaw used for materials cutting	Kallathiyam.M, Kader Mohideen Natheem.J, Balaji.M, Arun Vignesh.S	EME-0977	7500/-

998.	Dr.C.Sowmya Dhanalakshmi Associate Professor & Head Academics Dept. of Mechanical Engg SNS College of Technology Coimbatore-641035	Design and implementation of a tracker system in conventional solar panel	Raagul Sudhan.K, Ramachandran Sarvesh.P.A.V, Tharun.M	EME-0903	7500/-
999.	Dr.P.Suresh Professor and HOD Dept. of Mechatronics Engg Sona College of Technology Salem - 636005	Design and development of intelligent swarm robots for surveillance system	S.Hariram, S.P.Sukumaar, M.Charen	EME-0455	7500/-
1000	Dr.M.Prince Professor Department of Mechanical Engineering Sri Krishna College of Technology,Kovaipudur, Coimbatore - 641042	Semi automated cup candle making machine	Arun.K.G, Ajinnatmac.P, Ranjithkumar.K	EME-0210	7500/-
1001	Dr.G.Shanmugasundar Associate Professor & Dean Dept.of Mechanical Engineering Sri Sai Ram Institute of Technology Tambaram West, Chennai-600044	Design and fabrication of smart voice controlled robotic wheel chair (VCR BOT- V1) for disabled people	A.Aravindha Krishna, P.Kishore Kanna, S.M.Anand, A.Yamini	EME-0129	7500/-
1002	Dr.V.Ganesh Associate Professor Dept. of Automobile Engineering Sri Venkateswara College of Engineering,Pennalur Village Sriperumbudur (TK) - 602 117	Design of IOT based vehicle air conditioning alert system	Nithish vardan.A.V.J, Sudharsan.S, Kaarthikeyan.S	EME-0277	7500/-
1003	Mr.T.Prabhuram Associate Professor Dept. of Mechanical Engineering St. Joseph's Institute of Technology Semmanchery, Chennai - 119	Development and mechanical characterization of jute fiber reinforced flower powder particulate polymer composites	Hariharan.K, Jegath Greeny.E.S.	EME-0336	7500/-
1004	Mr.R.Dinesh Kumar Assistant professor Dept. of Mechanical Engineering Surya Group of Institutions Vikiravandi-605 652, Villupuram(DT)	High speed 4-way hack saw machine	S.Deva, E.Ezhilan, S.Manoj, Prabakaran, P.Ragul	EME-0733	7500/-
1005	Dr.D.Ramesh Professor Dept. of B.tech(Energy and Environmental Engineering) Tamilnadu Agricultural University Coimbatore-641603	Development and evaluation of solar-powered automatic plant protection system	Lokesh.R, Mars Reignly.V, Sandhiya.J, Sheleina.R	EME-0625	7500/-
1006	Dr.N.Stalin Assistant Professor Dept. of Petrochemical Technology University College of Engineering Trichy - 620 024	Pilot model study for combined heat and power application in sugar plant	S.Jeevananth, K.Habip Rahuman, S.Vishnu	EME-1054	7500/-

1007	Dr. M. Edwin Assistant Professor Dept. of Mechanical Engineering University College of Engineering, Nagercoil Konam, Nagercoil -629004	Producer gas operated dryer for drying fishes in coastal areas	Wilbert.B, Arul Jaswa.W, Praveen.N, Adharsh T.S.	EME-0404	7500/-
1008	Dr.M. Meikandan Associate Professor Dept. of Mechanical Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Avadi, Chennai- 600062.	Design and implementation of smart fuel indicator combined with fuel theft system	S.Ranjieth, Mohammed Irshad Ali, A.Abdul Razaak	EME-0182	7500/-
1009	Mr.B.Jegan Assistant Professor Dept. of Mech Engineering Velammal college of Engineering and Technology. Viraganoor, Madurai- 625 009.	Motorized smart turning mechanism	S.Balaji, J.Rahul, P.Viswajith	EME-0981	7500/-
1010	Dr. Sakthivadivel.D Assistant Professor (Senior) School of Mech Engineering Vellore Institute of Technology Vellore - 632014	Experimental investigation on solar concentrated chimney dryer for agro products	Shubham Priyadarshi Aditya Gupta	EME-0718	7500/-
1011	Mr.P.Raju Assistant Professor Department of Mechanical Engineering VSB engineering college Karur-639111	Influence of fillers to resist wear and to enhance properties of glass/caryota urens reinforced epoxy composites	Musharaf Nafal.S.S., Nandhakumar.R, Nirmal.R, Nithishkumar.S	EME-0136	7500/-
1012	Mr.A.Elanthiraiyan Assistant professor Dept. of Mechanical Engineering Aarupadai Veedu Institute of Technology Paiyanoor, Chennai - 603104	Design and fabrication of block removal in drain pipes	Kumar.D, Karthick raja	EME-0325	7500/-
1013	Dr.M.Subramanian Associate Professor Dept. of Mechanical Engineering Adithya Institute of Technology,Kurumbapalayam, Coimbatore-641107.	Design and fabrication of garbage collection machine in beach	Vignesh.D, Raksath Ahamed.K, Kanish.R	EME-0399	7500/-
1014	Mr.Lalu Gladson Robin Associate Professor Dept. of Mechanical Engineering Annai Vailankanni College of Engineering Azhagappapuram Post, Kanyakumari -629 401.	Making a low-cost chaff cutter out of recycled materials	R.Arun Rakesh, M.Abimanyu, G.Ajay Kumar, V.Rithish	EME-0028	7500/-
1015	Mr.R.Vijay Assistant Professor Dept. of Mechanical Engineering Arasu Engineering college Kumbakonam-612 501	Design and fabrication of teg cook stove	D.Balaji, K.Kumaresan, S.Mohamed Anas, S.Mohamed Javith	EME-0552	7500/-

1016	Dr.M.Selva Kumar Associate Professor Dept. of Automobile Engineering Dr.Mahalingam College of Engineering Technology Pollachi-642 003	Development of low cost areca nut climbing and harvesting machine with pesticide sprayer	Justin Jose Saran V.S.K, Guru Prasath.N	EME-0826	7500/-
1017	Dr.S.Balakrishnan Assistant Professor Dept. of Mechanical Engineering Excel Engineering College Komarapalayam Namakkal -637303	Design and fabrication of gearless transmission system for automobiles and industrial machines	Dineshkumar.S, Govindaraj.S, Gowtham.S, Jagan.R	EME-0375	7500/-
1018	Mr.M.Saravana Kumar Assistant Professor Dept. of Mechanical Engineering Francis Xavier Engineering College Tirunelveli - 627 003	Agribot for automatic intelligence system for agriculture	Asley Jones.P, Arun Prakash.T, Jackson Arulraj Gnana Prasad.G	EME-094	7500/-
1019	Mr.Tamiziniyan.G Assistant Professor Dept.of Biomedical Engg, GRT Institute of Engineering and Technology Tiruttani -631 209.	Design and fabrication of ergonomic forearm crutch	Devikala.V.L, Sudha.P.M	EME-0543	7500/-
1020	Mr.Samuel Gemsprim.M Assistant Professor Dept. of Automobile Engineering Hindusthan College of Engineering and Technology Pollachi Highway, Coimbatore - 641 032	Design and fabrication of easily detachable supporting wheels for differntly-abled people's two wheelers	Muhammed Riyas S, Muthukumaran.G, Pravin.V, Rohith.K	EME-0955	7500/-
1021	Mr.P.Vignesh Assistant Professor Dept. of Mechanical Engineering Indira Institute of Engineering and Technology, Pandur,Thiruvallur - 631203	Design of iot based air quality system monitoring for outdoor environment	Akash Kumar.G, Murali.P, Naresh.N, Sanjay.S	EME-0254	7500/-
1022	Mr.P.Rajkumar Assistant Professor Dept. of Mechanical Engineering Jai Shriram Engineering College, Avinashpalayam Tirupur - 638 660	Development of self operated solar seed sowing machine	P.Aravinth, M.K.Aravindasamy, P.Srinath, N.Suthan	EME-0702	7500/-
1023	Dr.N.Srinivasan Associate Professor Dept. of Mechanical Engineering Jansons Institute of Technology,Karumathampatti Coimbatore - 641-659	Design and development of novel deep drawing system for superalloy thin walled components	Santhosh.T, Yogies.S, Karthik.T, Karthick Raja.A	EME-0047	7500/-
1024	Mr.S.Annamalai Assistant Professor Dept. of Mechanical Engineering IFET College of Engineering Gangampalayam, Villupuram - 605 108	Railway track crack detection vehicle	Karthick.K, Chandramoule eswaran.P	EME-0311	7500/-

1025	Mr.N.Subramani Assistant Professor Dept. of Mechanical Engineering Karpagam College of Engineering Othakkalmandapam Post, Coimbatore-641032.	Recycling and reuse of single use plastics by fabricating the mini extruder.	Jayanth.R.J, Praveen.S, Sri Dhunush.R, Thalabhathi Raj.G	EME-0653	7500/-
1026	Mr.A.J.Infant Jegan Rakesh Assistant Professor Dept. of Mechanical Engineering Karpagam Institute of Technology Bodipalayam Post, Coimbatore-641 105.	Design and fabrication of coconut husk remover	Jeevanandham.R, Nandhakumar.P, Sahayaanthoni.A, Yeswanth, kumar.R	EME-0857	7500/-
1027	Mr.S.Sadhishkumar Assistant Professor Dept. of Mechanical Engineering Mahendra Institute of Engineering and Technology Mallasamudram (PO), Tiruchengode (TK)- 637503	Design and fabrication of stair climbing trolley	Ajay.C, Mahendran.J, Kaviyarasu.S	EME-0236	7500/-
1028	Mr.E.Mohan Assistant Professor Dept. of Mechanical Engineering Mount Zion College of Engineering and Technology Pudukkottai-622507	Development of 3d-printed personal protective equipment forcovid infection prevention	K.Nitheesh Kumar, A.Arun Kumar, R.Saravanan, A.Solaimalai	EME-0058	7500/-
1029	Mr.M.Govindaran Assistant Professor Dept. of Mechanical Engineering Mahendra College of Engineering,Minampalli, Salem-636106	Design and fabrication of 360 degree flexible drilling machine	K.Vallarasu, S.Kowsigan, S.Dominikraj, S.Vasanth	EME-0726	7500/-
1030	Dr.G.Saravanan Assistant Professor Dept. of Mechanical Engineering Kongunadu College of Engineering and Technology Thottiyam, Trichy - 621 215	Design and fabrication of garbage collecting robot	K.Sanjai, S.Shanmugam, V.Sivasankar, D.Sudharsan	EME-0849	7500/-
1031	Mr.R.Ranjith Kumar Assistant Professor Dept. of Mechanical Engg, M.A.M School of Engineering Trichy- 621 105	Design and fabrication of multipurpose agricultural machine	Selvabharathi.P, Selvamani.R, Senthur Nivas.S	EME-0940	7500/-
1032	Dr.S.Kavitha Assistant Professor Dept. of Fashion Technology Kumaraguru College of Technology Chinnavedampatti, Coimbatore- 641049	Biodegradable mask using soyabean fabric	Kavina.B, Anusha.K, Niranjani Devi.S	EME-0817	7500/-
1033	Mr.M.Rajasekaran Assistant Professor Dept. of Mechanical Engineering AVS Engineering College Ammamet, Salem-636 003	Design and fabrication of multi fiber extraction machine	L. Boobalan, R. Dinesh, P. Manikandan, M. Krishnakanth	EME-0888	7500/-

1034	Mr.Nimkar Amey Sanjay Assistant Professor Dept. of Agriculture Engg, Bannari Amman Institute of Technology Sathyamangalam - 638 401 Erode District.	Design development of agri- bot weeder	Maheswari.T.K, Preethi Varthana.J, Renuka.K	EME-0091	7500/-
1035	Dr.K.Mallieswaran Associate Professor Dept. of Mechanical Engg, CK College of Engineering and Technology Chellangkuppam, Cuddalore- 607 003	Automated green garbage management	Abutahir.S, Arunkumar.G, Gopinathan.G, Haribabu.B	EME-0010	7500/-
1036	Dr.S. Balasivanandha Prabhu Professor Dept. of Mechanical Engg College of Engineering, Guindy (Anna University) Chennai- 600 025	Development of ultra fine grained al alloy AA6063 by cyclic extrusion and expansion and study of its fatigue resistance	Harini.N, Mohana.R.S, Nandhini.C.R, Richa.K.S	EME-0012	7500/-
1037	Dr.R.Karthikeyan Professor & Head Dept. of Mechanical Engg, Academy of Maritime Education and Training Kanathur - 603112	Bio incineration for incinerating used masks & napkins	Sharma Rajkishor Tribhuvan	EME-0921	7500/-
1038	Mr.Vikas Godara Assistant Professor Dept. of Mechatronics Agni College of Technology Thalambur,Chennai-600130	Trolley robot using raspberry pi	S.Harish, K.Premkumar, D.Vigneshwaran, E.Gokul	EME-0414	7500/-
1039	Dr.P.Nagasankar Professor and Dean Dept. of Mechanical Engg Veltech High Tech Dr.RR Dr.SR Engineering College Avadi, Chennai- 600062	Fabrication and analysis of composite from sugarcane bagasse and thermoplastic for thermal insulation	Rajeshwaran.K Santhoshkumar.K Vinothkumar.K	EME-0599	7500/-
1040	Dr.G.Sakthivel Professor,Centre for Automation, School of Mechanical Engineering VIT Chennai, Vandalur Chennai-600127	Smart hot & cold therapy wrist brace for carpa tunnel syndrome affected persons	Manickavasagam.P Naveen.B	EME-1053	7500/-
1041	Mr.J.Muthuraman Assistant Professor Dept. of Aeronautical Engineering Surya Group of Institutions Vikravandi-605652	Design and analysis of chevron nozzle to reduce the acoustic noise	K.S.Amalraj Francis, S.Gopi, P.Sri Krishna	EME-0916	7500/-
1042	Mr.G.Pradeep kumar Assistant Professor Dept. of Mechanical Engineering,AVS College of Technology,Chinna goundapuram,Salem-636106	Design and fabrication of string jasmine garland machine	Sujithaesthar.S, Dharanya.S, Durgadevi.S	EME-0806	7500/-
1043	Mr.S.Perumal Assistant professor Dept. of Mech Engineering Karpaga Vinayaga College of Engineering and Technology Chengalpet - 603308	Automatic safety guard gate IN railway platform	Jagadeesan.M, Kiruphaharan.K.K Samuvel.V, Sriram.G	EME-0275	7500/-

1044	Dr.C.R.Raajeshkrishna Associate Professor Dept. of Aeronautical Engg, Nehru Institute of Engineering and Technology Thirumalayampalayam, Coimbatore – 641 105	Thermomechanical and sem studies on short basalt fiber (SBF) reinforced Pa6 composites and its hybrids	Garry Kiristen.A, Rakesh.B, Sakthivel.P, Steeve Caleb.J	EME-0591	7500/-
1045	Dr.R.Kavitha & Mr.K.Kanagaraja Assistant Professor Dept. of Mech Engineering, Rajalakshmi Institute of Technology, Chembarambakkam, Chennai-600124	Fertilizer spraying machine	Ashwin Kumar.K, Bhuvaneshwar.T, Dilli Balaji.M, Kathiravan.C	EME-0861	7500/-
1046	Ms.Gomathisankar Assistant Professor Dept. of Mechanical Engg, S.Veerassamy Chettiar College of Engineering &Technology Puliangudi – 627855	Optimization of process parameters on friction stir welding of aluminium alloy 6061-t6	M.Maheshkumar, M.Mari Selvam, A.Mohamed, Anwar Ibrahim	EME-0255	7500/-
1047	Mr.Saravanan.D Associate Professor Dept. of Mech Engineering P.S.V College of Engineering and Technology Krishnagiri - 635108	Design and fabrication of quadruped robot	Mohammed Ismail.M, Kadhir.G, Devajebin.D.S, Avinash.V	EME-0547	7500/-
1048	Ms.G.Premalatha Associate Professor Dept. of ECE Prathyusha Engineering College, Aranvoyal kuppam, Thiruvallur - 602025	Smart device for accident detection and analysis for motorcycles	Amrith Ari Gogineni Bhargav Gunanivitha.E, Y.Vijayashri	EME-0538	7500/-
1049	Dr.G.Rajeshkumar Associate Professor Dept. of Mechanical Engg PSG Institute of Technology and Applied Research Coimbatore - 641 062	Extraction of nano-cellulose from phoenix sp. fiber through chemical method for its use in biomedical applications	Abirammi.S, Kaarthikeyan.S, Ravindhar.G, Rindhisha.R.R	EME-0265	7500/-
1050	Mr.Sankarlal.R.L Assistant Professor Dept. of Mech Engineering R.M.K. Engineering College Kavaraipettai- 601206, Gummidipoondi(TK)	Semi-automated floating waste collector	C.R.Sarran, S.Sathish, V.Sai Sharath	EME-0041	7500/-
1051	Mr.N.Muthu Saravanan Assistant Professor Dept. of Mech Engineering National Engineering College Kovilpatti - 628 503	New product development - design and fabrication of puri making machine for hotels	G.Rakeshkumar, A.Ajantharaj, P.Guruganesh kumar, R.Midhun	EME-0009	7500/-
1052	Ms.Jareena Begam Assistant Professor Dept. of Mechanical Engg, Rathinam Technical Campus Coimbatore - 641 021	Automatic pearl millet seed remover using artificial intelligence	Karthiga.R, S. Mayavathi	EME-1044	7500/-
1053	Dr S.Vanitha Associate Professor Dept. of Agriculture Engg, Nandha Engineering College Erode – 638052	Generating electricity from water pipeline	K.Jaisurya, T.Srirama krishnabarani, M.Sriram vishvanathan, A.Kirthikkumaran	EME-0910	7500/-

1054	Mr.P.V.Rajesh Assistant Professor Dept. of Mechanical Engineering Saranathan College of Engineering, Panjappur Tiruchirapalli-620012	Design and fabrication of punch and die assembly for powder forming method	A.Antony Prabaharan, S.Anand, M.Ganesh Kumar, T.Eswar	EME-0598	7500/-
1055	Mr.R.Harisudhan Assistant Professor Dept. of Automobile Engineering Paavai College of Engineering Pachal, Namakkal-637 018	Performance & emission test of diesel using ethonal and additives	Dhana prakasam.J.M Vishnu.S Athishkumar.A.V Jegadeesan.T	EME-0693	7500/-
1056	Dr.A.Bovas Herbert Bejaxhin Assistant Professor Dept. of Mechanical Engineering SRM TRP Engineering College Irungalur, Trichy - 621 105	Bamboo made drone with pest and spider web cleaner	V.R.Sathiya Narayanan, B.Nagalingam, K.Naveen, S.Sivasaravanan	EME-0580	7500/-
1057	Mr.Vigneshwaran.S Assistant Professor Dept. of Mechanical Engineering SMK Fomra Institute of Technology, Thaiyur village, Kelambakkam - 603103	Design and fabrication of baby retriever crane having multiple pulleys	S.Sathish, V.Girish Kumar, H.Sarath	EME-0614	7500/-
1058	Mr.K.Shanmuga Elango Associate Professor Dept. of Mechanical Engg St. Anne's College of Engineering & Technology Anguchettypalayam, Panruti-607110	Electrical discharge coating of aluminium alloy using ws2/cu green compact electrode	R.Arun Prakash, J.Arokia Tony Play	EME-0063	7500/-
1059	Mr.K.Saravanakumar Assistant Professor Dept. of Mechanical Engineering RVS Technical Campus Coimbatore - 641402	Improving cooling efficiency of radiator using heat pipe	Jeyaseelan.S	EME-0848	7500/-
1060	Dr.M.Siva Prakash Associate Professor Dept. of Mechanical Engineering Stella Mary's College of Engineering Aruthenganvilai, Azhikal Post, Kanyakumari - 629202	Characterisation of lanthanum added magnesium silicon alloy	R.S.Francis Reghnal, P.Ernesto Cheguevara, M.Roy Bhevan	EME-0866	7500/-
1061	Prof.Vignesh.T Assistant Professor Dept. of Mechatronics Engineering Sri Krishna College of Engineering and technology Kuniamuthur, Coimbatore 641 008.	Low cost humanoid bot with covid - 19 SOP	Shibin Thomas.S, Saktheeswaran.G Vibunesh.N.T, Theerthana.T	EME-0181	7500/-
1062	Mr. S . Pradeep Kumar Assistant Professor Dept. of Mechanical Engineering Velammal Engineering College, Surapet, Chennai-600066	Improving the cushioning property of paper pulp egg tray with coconut fiber	Nithin.B, Tharun Venkat Sai Naveen Srivasthsan.K, Sakthivel.R	EME-0671	7500/-

1063	Dr.J.Vivek Assistant professor Dept. of Mechanical Engg., Solamalai College of Engg Veerapanjan, Madurai-625020	Design and construction of a parabolic dish type solar cooker	Praveen Kumar.V, Dhanabalan.G, Senthil.M, Vengata ramanaa.A	EME-0244	7500/-
1064	Mr.L.Arul Shankar Assistant Professor Dept. of Mechanical Engg., Vellalar College of Engineering and Technology Thindal, Erode - 638 052	Design and fabrication of mint cutter using cam mechanism	J.Dhananisanth, P.Dhanushkodi, G.Dharanya, R.Divyabharathi	EME-0072	7500/-
1065	Dr.V.Kandavel Associate Professor Dept. of Mechanical Engg SSM Institute of Engineering and Technology Dindigul-624 002	Investigate the mechanical properties of e-glass fibre & s-glass fibre reinforced with polymer matrix composites	Adithyan.B, Afzal Ibrahim.M, Aktharali.S, Anand Albert, Raja.A	EME-0388	7500/-
1066	Dr. S. Thirugnanam Professor Dept. of Mechanical Engg SRM Valliammai Engineering College, Katankulathur - 603203	Experimental investigation of Al 8011 aluminium alloy reinforced with silicon carbide and boron carbide	Shwetha Anandhini.V, Sujay.B, Tharik Ajees.J, Thiruselvam. P	EME-0140	7500/-
1067	Mr.V.Pandyaraj Assistant Professor Dept. of Mechanical Engineering Sri Sairam Engineering College, Poonthandalam, Chennai- 602 109	Design and development of autonomous water cleaning system	Mohamed Imran.I, Abineshwar.S.S	EME-0516	7500/-
1068	Mr. Vignesh Assistant Professor Dept. of Mechanical Engineering Sri Shakthi Institute of Engineering and Technology Chinniampalayam, Coimbatore- 641062	Design and fabrication of plastic recycling machine for producing 3d printing wires.	Aditya Kishore, Sreehari.K.V, Jithu Jose, Kenneth Stephan Alfred	EME-0670	7500/-
1069	Mr.R.Thirunavukkarasu Assistant Professor Dept. of Mechanical Engineering Sri Ramakrishna Institute of Technology Perur pachapalayam, Coimbatore - 641010	Design and fabrication of portable metal scraps crusher machine	Kishore.V, Hari Sankar.M, Babubrasath.S	EME-0190	7500/-
1070	Dr.R.Joselin Professor and Head Dept. of Mechanical Engineering Sri Ranganaathar institute of Engineering and Technology. Coimbatore-641110.	Design and fabrication of washroom basin cleaner	Navaneetha krishnan.S, Naveen.V, Dinesh.R, Dinesh Kumar.K	EME-0027	7500/-
1071	Mr.N.Saravanan Assistant Professor Dept. of Mechanical Engg Sengunthar Engineering College, Tiruchengode-637205	Automatic water tank cleaning machine	Keerthivasan.A.M, Keerthikaran.B, Mouneshkumar.T	EME-0651	7500/-

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