



**TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**  
DOTE Campus, Chennai- 25

STUDENT PROJECTS SCHEME 2022-2023

**LIST OF APPROVED PROJECTS**

S.No	Guide Name & Institution	Title of the Project	Students Name	Project Code	Amount Rs.
<b>CHEMICAL ENGINEERING</b>					
565.	Mr.Selvaprakash P Assistant Professor Dept of Chemical engineering Erode Sengunthar Engineering College, Perundurai Erode - 638 057	Recovery of sodium sulphate and sodium carbonate salts from textile effluent	Santhoshkumar S Johnson R Muhammed Sayis	CHE-031	7500/-
566.	Mr. Raj Kumar A Assistant Professor Dept of Chemical Engineering Hindusthan College of Engineering And Technology Coimbatore - 641 032	Preparation of bio pickering emulsion liquid membrane for selective extraction of ciprofloxacin with the help of Fe <sub>3</sub> O <sub>4</sub>	Gokul Jothi R Mohan Raj M Gokulasezhiyan S	CHE-052	7500/-
567.	Dr.Kavitha.S Professor and Head Dept of Petrochemical Engg. JCT College of Engineering and Technology, Pichanur Coimbatore - 641 105	Development of advanced nanotech steel using modern and effective nanotechnology	Mahesh Kannan.M Kamalakannan.G Mayur Mangesh Ghatkar.M Dhanasekaran.S	CHE-066	7500/-
568.	Dr. Karthik A Associate Professor Dept of Nano Science and Technology K S Rangasamy College of Technology Tiruchengode - 637 215	Orderly arranged bismuth oxide nanosheet/graphitic carbon nitrate (Bi <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> ) composite as electrode material for supercapacitor applications	Naren Vidaarth T M Jagannathan M	CHE-071	7500/-
569.	Mr.Raghunath D Dept of Mechanical Engineering K.Ramakrishnan College of Technology, Trichy – 621 112	Thermal behaviour analysis in heat pipe with composite insulation	Athavan E Dhinesh R Dony Kingsly A Gokul S	CHE-075	7500/-
570.	Dr. Aruna Janani V Associate Professor and Head, Dept of Chemical Engineering Kalasalingam academy of Research and Education Krishnankoil- 626 126	A novel jacketed tumbling homogeneous powder mixer for hazard prevention in fireworks	Boligarla Vinay Prabhu M	CHE-078	7500/-
571.	Dr. Baskaran.R Associate Professor Dept of Bio Technology Kamaraj College of Engineering & Technology Virudhunagar -625 701	Development of high performance high voltage insulator for power transmission line from blends of EPDM rubber/ethylene vinyl acetate copolymer containing silica	P.Raakesh Kumar D.Muhammed Aashik D.Vignesh	CHE-079	7500/-

572.	Mr. Mothil S Assistant Professor Dept of Chemical Engineering Kongu Engineering College Perundurai, Erode – 638 060	Development of zinc based redox flow battery for storage of renewable energy	Abinash.D Maneendhar.D Mohammed Ibrahim.S	CHE-092	7500/-
573.	Dr. Lineesh Punathil Assistant Professor Dept of Chemical Engineering KPR Institute of Engineering and Technology Arasur, Coimbatore-641 407	A novel water purifier for desalinating saline water	K. Pooja Abhisheka J. Varsha S. Krithick S. Annalingam	CHE-112	7500/-
574.	Dr. S. Danialdoss Assistant Professor Dept of Chemistry Loyola college Chennai - 600 034	Enhanced catalytic activity for the oxidation of cinnamaldehyde catalysed by quaternized chitosan containing $\beta$ -cyclodextrin moiety	A Priyanka E	CHE-118	7500/-
575.	Dr. Revathi R Assistant Professor Dept of Chemistry Mahendra Arts and Science College (Autonomous) Kalippatti-637 501	Impact of quinoline acceptor on the optoelectronic properties of carbazole based donor-acceptor materials	Sarojini S P Madesh C	CHE-122	7500/-
576.	Dr.Prakash L Assistant Professor Dept of Mechanical Engineering Mepco Schlenk Engineering College, Sivakasi-625 005	Enhancing safety in pyrotechnic industries by reducing the hygroscopic nature of oxidizer	Vigneshwaran N	CHE-127	7500/-
577.	Ms.Shanmuga Priya S.P Associate Professor Dept of BTech Chemical Engineering Mohamed Sathak Engineering College Ramanathapuram -623 806	Heavy metal soil remediation using electrokinesis	Jeffrin Anto M Akash.SJ	CHE-129	7500/-
578.	Mr. R. Selvapriya Assistant Professor Dept of Chemical Engineering Muthayammal Engineering College (Autonomous) Rasipuram-637 408	Paper making from <i>Prosopis juliflora</i> (Semma karuvelam maram)	G.Aakash Santhosh P.V.Navinprabu K.Manikandan M.Savinthra	CHE-130	7500/-
579.	Balasubramani R Professor and Head Dept of Food Technology Paavai Engineering College Namakkal – 637 018	Nutritional product development by using <i>Muntingia calabura</i> (Jamaica cherry)	Anand N Priyadharshini R Vinya V Wasimakram A	CHE-136	7500/-
580.	Dr. G Sathya Priyadarshini Assistant Professor Dept of Chemistry PSGR Krishnammal College for Women Coimbatore – 641 004	Developing bio wrappers from waste dairy products	Sneha Muraleedharan S.S Neeraja Nikhitha C S	CHE-139	7500/-
581.	Mr.Dharmaprabhu K Assistant Professor Dept of Chemical Engineering Roever Engineering College Perambalur-621 212	Production and performance analysis of bio-hydrogenated diesel by catalytic cracking in palm oil	Palanivel M Santhoshkumar M Thangadurai A Kalaiyazhagan P	CHE-143	7500/-

582.	Mr. Aravindh N Assistant Professor Dept of Petrochemical Engineering RVS College of Eng and Tech, Coimbatore-641 402	Non- chemical treatment method for salt scaling control	Sriram V Anand A Inbasagaran R S	CHE-150	7500/-
583.	Dr Edward Peter A Professor Dept of Chemical Engineering St Michael College of Engineering and Technology Kalayarkoil-630 551	Synthesis of porous activated carbon spheres (PACS) from soya chunk as an adsorbent media for the removal of synthetic dyes	Patrick Rojer Wins K C S Dheleep C	CHE-166	7500/-
584.	Dr. Ivan Jebakumar D S Assistant Professor Dept of Chemistry St. John's College Palayamkottai Tirunelveli- 627 002	MnO <sub>2</sub> modified activated carbon based supercapacitors for powering hybrid electric vehicles	Jeyakumar U Dinesh Raja N	CHE-168	7500/-
585.	Sheeba Vinolia Priyadarshini. J Assistant Professor Dept of Chemical Engineering St. Peter's College of Engineering and Technology Avadi Chennai-600 054	Production of LNG production with low carbondioxide content	Boomika. K Philshia Tharo. P Shrinivetha. S Silvya. V	CHE-174	7500/-
586.	Dr. Shubhashis Adak Assistant Professor Dept of Chemical Engineering V.S.B. Engineering College Karur-639 111	Chemical modification of bitumen for stable road construction	Surenthiran C Velmurugan S Selvakumar N Manohar R	CHE-187	7500/-
587.	Dr.Bharathiraja.B Dept of Chemical Engineering Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College Avadi, Chennai -600 062	Evaluation of marine sea weeds found along the coastal line of Tamil Nadu for Bio-oil production	K S Aakaash Kishorekumar jj Sarankirthic M P	CHE-188	7500/-
588.	Sethu.M Assistant Professor Dept of B.Tech.Biotechnology Vivekanandha College of Engineering for Women(Autonomous) Thiruchengode – 637 205	Preservation of Enoki Mushroom using osmotic dehydration to prevent the growth of <i>Listeria monocytogenes</i>	K.K.Nivethitha S.Gowsika	CHE-196	7500/-
<b>CIVIL ENGINEERING</b>					
589.	Mrs.Alarmelumangai. S Assistant Professor Dept. of Civil Engineering A.V.C College of Engineering Mannampandal Mayiladuthurai - 609 305	Effective utilization of E - waste as wall tiles	K. Vigeswaran B. Ajay J. Ajay Kumar P.Vignesh	ECV-001	7500/-
590.	Mrs J. Srija Assistant Professor Dept. of Civil Engineering Aarupadai Veedu Institute of Technology, Paiyanoor, Chengalpattu - 603 104	Municipal shredded plastic stabilized soil for producing eco friendly masonry bricks	Raghwendra Pratap	ECV-004	7500/-
591.	Mr. Hari G S Assistant Professor Dept. of Civil Engineering Akshaya College of Engineering and Technology Coimbatore - 642 109	Bubble deck slab	C. Sasikumar C. Sathish M. Vennila	ECV-013	7500/-

592.	Mrs.Geetha S Assistant Professor Dept. of Civil Engineering Amrita College of Engineering and Technology, Erachakulam Kanyakumari - 629 902	Experimental investigation on bamboo reinforcement concrete beam	K. P. Abhisekh A. R. Ajay U. Deepak Singh S. Diwahar	ECV-015	7500/-
593.	Dr.Ramaswamy S N Professor, Dept. of Civil Engg Anjalai Ammal Mahalingam Engineering College Koilvenni, Thiruvavarur - 614 403	Utilization of incinerated biomedical waste ash to improve physico-mechanical properties of concrete blocks	S. Y. Kumaraguru K. Santhosh Kumar V. Vignesh R. Vishnu	ECV-019	7500/-
594.	Mr.Jeyanth B Assistant Professor Dept. of Civil Engineering Bannari Amman Institute of Technology, Sathyamangalam Erode - 638 401	Sustainability of natural aggregates by utilizing CDW in concrete	K. Nandhavelu	ECV-045	7500/-
595.	Mr. Nallasamy P Assistant Professor (Sr. Gr) Dept. of Civil Engineering Builders Engineering College Kangeyam - 638 108	Performance of coconut and banana fibres in concrete	V.Banumathi S. Chandirasekar K. Kiruthika M. Senthil Kumar	ECV-051	7500/-
596.	Dr.Partheeban P Professor Dept. of Civil Engineering Chennai Institute of Technology Chennai - 600 069	Eco-friendly paver blocks using geopolymers concrete with waste tyre rubber and nanomaterials	S. Madhavan K. Jothi Prakash	ECV-055	7500/-
597.	Mr.Vignesh.M Assistant Professor Dept. of Civil Engineering Chettinad College of Engineering And Technology Puliyur Karur - 639 114	Manufacture of prefabricated wall using waste plastic & demolished building waste	P. Saravana T. Pradeepraj K. Kalishwari R. Abinaya	ECV-056	7500/-
598.	Mr. Sivasanthosh .C Assistant Professor Dept. of Civil Engineering Christ The King Engineering College , Karamadai- 641104	Performance of foam concrete	P.Vihashini S. Gokulakannan N. Hari Prasath	ECV-058	7500/-
599.	Mr. Saravanan D Assistant Professor Dept. of Civil Engineering CK College of Engineering and Technology Cuddalore -607 003	Experimental investigation on soil improvement techniques by using fly ash and rice husk ash	R. Praveshkumar W. Rex Aravinth R. Sethuraman	ECV-067	7500/-
600.	Dr.V.G.Kalpana Assistant Professor Dept. of Civil Engineering Coimbatore Institute of Technology Coimbatore- 641014	Experimental study on the effect of partial replacement of M-sand with geopolymers fly ash sand on the mechanical properties of M- sand mortar	A. U. Natheem Ahmad S. Pon Venkadesh A. Praveen R. Saravanakumar	ECV-069	7500/-
601.	Mr. Dhinesh T Assistant Professor Dept. of Civil Engineering Dhanalakshmi Srinivasan College of Engineering Navakkarai Post Coimbatore - 641 105	An experimental study on durability of concrete structure using M- sand and GGBS and smart sensors	Anjana Vijayan N.A. Farhana M. Anshifa M. Vaiahnavi	ECV-072	7500/-

602.	Dr.Muthupriya P HOD, Dept. of Civil Engineering Dr.N.G.P Institute of Technology, Kalapatti, Coimbatore - 641 048	Utilization of plastic wastes and dry leaves in bricks	T. Adhish G. N. Dhabasree	ECV-080	7500/-
603.	Ms Ashwini. B Assistant Professor Dept. of Civil Engineering EGS Pillay Engineering College Nagapattinam - 611 002	Flexural behaviour of concrete specimens incorporated with mwtnt with partial replacement of flyash in cement	A. Harinivas R. Aravind R. Ajay R. Annamalali	ECV-083	7500/-
604.	Ms Chandrakanthamma L Assistant Professor Dept. of Civil Engineering Easwari Engineering College Ramapuram Chennai - 600 089	Smart water management using IoT	V. Yugesh K. Santhosh V. Abishek S. Karunamoothy	ECV-092	7500/-
605.	Dr. Arul Mozhi .S Associate Professor Dept. of Civil Engineering Erode Sengunthar Engineering College, Erode - 638 057	Advanced oxidation process for treatment of contaminated water with micro pollutants	K. Subhashree	ECV-101	7500/-
606.	Mr.Sabarathan K Assistant Professor Dept. of Civil Engineering Excel Engineering College Komarapalayam - 637 303	Development an optimum mix design of fly ash geopolymer concrete	G. T. Muthaiya Haris A. P. Krithik Vasanth Ahmed Hamad Naeem	ECV-118	7500/-
607.	Mr. A Bharath Kumar Assistant Professor Dept. of Civil Engineering Fatima Michael College of Engineering and Technology Madurai - 625 020	Experimental investigation of prestressed electric poles using partially replaced demolition concrete	P. Palanimurugan R. Kaviyaran M. Sathishkumar	ECV-131	7500/-
608.	Mrs Swetha R Assistant Professor Dept. of Civil Engineering Francis Xavier Engineering College, Tirunelveli - 627 003	Bioreactor landfill for solid waste management	P. Ronaldo Sam T. Azis Kumar C. Ayyanar M. Aishwarya	ECV-139	7500/-
609.	Mr. Arul.V S Assistant Professor Dept. of Civil Engineering Gojan School of Business and Technology, Edapalayam Chennai - 600 052	An analysis of road traffic crash using GIS and FSMA	M. Manojkumar A. R. Balachandar	ECV-142	7500/-
610.	Dr.G.Arunkumar Associate Professor Dept. of Civil Engineering Government College of Engineering, Salem- 636 011	Low cost paver block using industrial By-product	H. Shruthi P. Harini	ECV-143	7500/-
611.	Dr.Joanna.P.S Professor Dept. of Civil Engineering Hindustan Institute of Technology and Science Padur, Chennai - 603 103	CO <sub>2</sub> Storage in GGBS based concrete by mineral combination	P. Vikram Srinivas Syed Farjaz Farooq	ECV-147	7500/-
612.	Mrs. Kamatchi N Assistant Professor Dept. of Civil Engineering IFET College of Engineering Gangarampalaiyam Villupuram - 605 108	Comparison of soil stabilization with geotextiles and sand chimneys	A. Ashwath	ECV-163	7500/-

613.	Ms. Praveena J.P Assistant Professor Dept. of Civil Engineering Jaya Engineering College Chennai - 602 024	Experimental study on partial replacement of fine aggregate by vermiculite to the concrete	K. Durga Devi E. Janakiraman J. David Prakash M. Arul Amudha Jothi	ECV-177	7500/-
614.	Dr.P.Asha HOD, Dept. of Civil Engineering Jerusalem College of Engineering Pallikaranai Chennai - 600 100	Radiation shielding concrete with lead scrap for nuclear structures	A. G. S. Lokeshwar R. Sureshkrishna T. R. Sudharasun	ECV-181	7500/-
615.	Dr.S.Sujatha HOD Dept. of Civil Engineering K.Ramakrishnan College of Technology, Samayapuram Trichy - 621 112	Experimentation and statistical modeling on the biosorption of methyl orange dye using low cost adsorbent fabricated from de-oiled soya cake	R. Ashok Kumar S. Hari Gowtham K. Mukilan S. Visweshwaran	ECV-185	7500/-
616.	Dr.Vijaya Sundravel K Assistant Professor Dept. of Civil Engineering K.S.Rangasamy College of Tech., Tiruchengode Namakkal - 637 215	Design and formulation of microbially induced self-healing concrete for enhancement of building structural strength	S. Jagatheeshwaran	ECV-192	7500/-
617.	Dr.Ganeshprabhu P Assistant Professor Dept. of Civil Engineering Kamaraj College of Engineering & Technology, Vellakulam- 625 701	Study on performance of scrap steel slag as partial replacement of fine aggregate in piezoelectric cement concrete paver block	K. Akash J. Kiruba P. Karthickraja	ECV-198	7500/-
618.	Mrs Vidhya B Assistant Professor Dept. of Civil Engineering KGISL Institute of Technology, Coimbatore - 641 035	A comparative study on breathe brick- alternative solution for conventional bricks	J. Banu Prakash S. Keerthana N. Ranjith	ECV-210	7500/-
619.	Ms Krithiga P Assistant Professor Dept. of Civil Engineering Kongu Engineering College, Perundurai, Erode - 638 060	Life cycle assessment of electronic waste management in landfill	T. Sarulatha N. Sarathithasan M. Vaseeharan	ECV-218	7500/-
620.	Mr. Dhavashankaran D Assistant Professor Dept. of Civil Engineering Kongunadu College of Engineering and Technology Tholurpatti Trichy - 621 215	Building products using kota stone cutting and slurry waste	V. Ramkumar S. Muthu M. Vetrivelvan S. Manojkumar	ECV-225	7500/-
621.	Mr Santhosh Kumar. E Assistant Professor Dept. of Civil Engineering M.I.E.T. Engineering College Trichy - 620 007	Development of fired brick incorporating industrial and organic wastes	A. Abdul Fattah K. Abdul Kareem M. Barzath Ali S. Sathish Kumar	ECV-240	7500/-
622.	Ms.Sandhiya M Assistant Professor Dept. of Civil Engineering M.Kumarasamy College of Engineering, Karur-639 113	Lab scale design and fabrication of waste water recycling unit and biogas generation from waste paper sludge	M. Saran M. Sudharsan	ECV-250	7000/-
623.	Dr.Vidhya K, HOD & Ms.Saradha P, AP Dept. of Civil Engineering Mahendra Engineering College Namakkal - 637 503	Comparability of strength and properties of self-healing concrete using <i>Bacillus subtilis</i> and <i>Bacillus pseudofirmus</i>	A. Anitha M. Devipriya S. Srijayasree	ECV-253	7500/-

624.	Mrs.C.Mala Assistant Professor Dept. of Civil Engineering Mailam Engineering College Mailam, Villupuram -604 304	groundwater quality assessment using water quality index in Tindivanam Municipal Town	S. Angammal M. Priya S. Kiruthika	ECV-256	7500/-
625.	Mr.Herald Lessly. S Dept. of Civil Engineering Mepco Schlenk Engineering College, Sivakasi - 626 005	Effect of reinforcement in the compressive strength of concrete core	M. Vairavan U. Ragul M. Suriya M. Nandhu	ECV-261	7500/-
626.	Dr.M.Harikaran Assistant Professor Dept. of Civil Engineering Muthayammal Engineering College Rasipuram - 637 408	An investigation into the joint effects of discarded fibre metal and ceramic waste on pavement	N. Tamilan S. Inbarasan R. Manimaran S. Jaya Vikram	ECV-267	7500/-
627.	Dr.Chella Gifita C Associate Professor Dept. of Civil Engineering National Engineering College Kovilpatti – 628 503	Effective precoating treatment for recycled concrete aggregate to improve the compressive strength of concrete	M. Balavasanth S. Karan Aakash Dev P. M. Paramasivan K. Thirumalai Nambi	ECV-278	7500/-
628.	Mr.Selvam K Assistant Professor Dept. of Civil Engineering NPR College of Engineering and Technology Dindigul - 624 401	Experimental investigation of mortar with ladle slag and citric acid	C. Jeevitha S. Saranya Devi	ECV-289	7500/-
629.	Dr. M. Kannan Professor, Dept. of Civil Engg Parisutham Institute of Technology and Science Thanjavur - 613 006	Environmental impact and water quality assessment in Samuthiram Lake, Thanjavur using GIS techniques	S. Abirami R. Sangavi T. Srishinie	ECV-303	7500/-
630.	Dr. M. Devasena Associate Professor Dept. of Civil Engineering PSG Institute of Tech.and Applied Res., Coimbatore - 641 062	Recovery of ammonia from livestock waste and its use in agriculture – An experimental investigation	K. S. Divyasri M. N. Hema R. Mirudula	ECV-314	7500/-
631.	Dr.Jayaguru C Professor, Dept. of Civil Engg PSNA College of Engineering and Tech. Dindigul -624 622	Continuous monitoring of RC structures for structural degradation using IOT	K. Viswa Bharathi	ECV-317	7500/-
632.	Mrs.R.Kalaimani Asst. Professor Dept. of Civil Engineering Ramco Institute of Technology Virudhunagar - 626 117	Eco friendly light weight bricks	S. Muthu Sanjay	ECV-325	7500/-
633.	Dr.Tamil Selvi.M Professor,Dept. of Civil Engineering S.A.Engineering College Thiruverkadu – 600 077	Analyse the properties of self-compacting concrete using flyash	S. Dhaarinisri M. Archana	ECV-338	7500/-
634.	Ms.Mallika B Assistant Professor Dept. of Civil Engineering Sethu Institute of Technology Virudhunagar - 626 115	Development of Heat Resistant Tile for Industrial and Home Applications	F. Mohammed Shameem M. Murugesan J. Mohammed Sabi Arshad S. A. Mohamed Yousuf	ECV-350	7500/-

635.	Mrs.Sivaranjani M Assistant Professor Dept. of Civil Engineering Sri Sairam Engineering College Chennai - 602 109	Noise absorbing product using agro waste material	G. Geethesh Hedge P. Saisathwik M. Alaguraja T. Yokesh Kanna	ECV-393	4000/-
636.	Dr Kumutha R HOD, Dept. of Civil Engineering Sri Venkateswara College of Engineering, Pennalur Kancheepuram - 602 117	Design of sustainable and cost effective textile reinforced sewer pipes for rural housing	G. Harshavarthani A. Jenisha D. Laleeth Kumar	ECV-406	7500/-
637.	Dr.Sangeetha P Associate Professor Dept. of Civil Engineering SSN College of Engineering Chennai – 603 110	Structural behaviour of deficient hollow steel stub columns strengthened using GFRP	T. R. Sathya Shree S. N. Rakshana S. Sadhana	ECV-418	7500/-
638.	Dr. Thenmozhi S Associate Professor Dept. of Civil Engineering St Joseph's College of Engineering Chennai - 600 119	Stabilization of expansive soil using agro waste and industrial waste	V. Sakthi Kishore Johil J Issac	ECV-423	7500/-
639.	Mr.Ramesh Kumar S Assistant Professor Dept. of Civil Engineering Velalar College of Engineering and Technology, Erode - 638 012	An experimental study on properties of high strength concrete using mineral admixtures and copper slag	S. Prathana S. Reshmalya G. B. Sreevarsini	ECV-440	7500/-
640.	Mr.Rajha Rajeswaran .T.A Assistant Professor Dept. of Civil Engineering Velammal Engineering College Chennai – 600 066	Soil strengthening by 360 degree wrapping with geosynthetics	N. Hariprasath K. Naresh Kumar N. N. Chidambaram R. J. Ashwin Raj	ECV-451	7500/-
641.	Dr.Saravanan M M HOD, Associate Professor Dept. of Civil Engineering Vivekananda College of Technology for Women Tiruchengode- 637 205	Use of steel slag aggregate in bituminous pavement	N. Angaleshwari S. Kavina T. Kudiyarasi P. Vithya	ECV-456	7500/-
642.	Mr.David Rozario D Assistant Professor Dept. of Civil Engg VRS College of Engineering and Technology Viluppuram - 607 107	Experimental study on water absorbing pervious concrete pavement blocks	M. Vasantha Kumar R. Naveen	ECV-458	7500/-
<b>COMPUTER SCIENCE AND ENGINEERING</b>					
643.	Mrs.M.Kavitha Assistant Professor Dept. of CSE A.V.C College of Engineering Mannampandal Mayiladuthurai -609 305	Quality improvement of technical education in rural government schools	Monika.T Falila Banu.H Mounika.R Sindhuja.M.K	CSE-010	7500/-
644.	Dr.J.Sutha Professor and Head Dept. of CSE AAA College of Engineering and Technology Sivakasi - 626 005	Classification of mushroom to detect their edibility	K.Nithyalakshmi A.Manimehala	CSE-025	7500/-



645.	Dr.S.Muthuselvan Assistant Professor Dept. of CSE Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Paiyanoor - 603 104	Smart pepper spray for female safety	Kri Muskan Shubham Kumar Akash Raj	CSE-035	7500/-
646.	Mrs.P.Banupriya Assistant Professor,Dept. of IT Adhiparasakthi Engineering College Melmaruvathur - 603 319	Industrial gas leakage monitoring and alerting system using solar energy	B.A.Hemasri E.Preethi M.Sakthi Maheswari	CSE-044	7500/-
647.	Dr.M.V.Ishwarya Assistant Professor Dept. of CSE Agni College of Technology Chennai - 600 130	Simulation on office like experience during WFH using virtual reality	Madhumitha.R Nandhini Devi.N Mrithula.V Gracy.S	CSE-054	7500/-
648.	Mrs.K.Veena Assistant Professor Dept. of CSE Akshaya College of Engineering and Technology Coimbatore - 642 109	Detecting twitter cyberbullying using machine learning with big data	Phillomina Syndria Aruja G.Santhiya	CSE-062	7500/-
649.	Dr.C.Viswanathan Head, Dept. of IT Alpha College of Engineering Chennai - 600 124	Transportation card with QR code	S.Priyanka K.Varsha K.Devi A.Anu Juliet	CSE-067	7500/-
650.	Mrs.Sumithra.R.P Assistant Professor Dept. of CSE Amrita College of Engineering and Tech., Nagercoil - 629 902	IoT based srsn security system	Sridevi. M.I Rebisha.S Sharan.B Nivetha.R	CSE-070	7500/-
651.	Dr.K.Ashwini Assistant Professor Dept. of CSE Amrita Vishwa Vidyapeetham Chennai Campus Thiruvallur -601 103	Development of Ratchagan - a risk free app for people's safety	Kanishq R Purohit Venkara Krishna Reddy Dondeti Sreepathi Ravi L.M.A Venkata Murari	CSE-005	7500/-
652.	Ms.V.Revathy Assistant Professor Dept. of CSE Arasu Engineering College Kumbakonam - 612 501	Use of big data to predict competent student's higher studies and bridges them with foundation in rural area	M.Jayasri S.Kaminidevi M.Dharanika	CSE-089	7500/-
653.	Ms.Saranya S Assistant Professor Dept. of CSE AVS Engineering College Salem-636 003	Power consumption dashboard using IoT	Raagul S Ragavan P Tamilselvan S Velmurugan K	CSE-110	7500/-
654.	Mr.S.Kartheeswaran Assistant Professor Dept. of CSE Ayya Nadar Janaki Ammal College, Sivakasi - 626 124	Deep learning based user authenticationand alert system in library transactions	T.Manikandan M.Bava Atchaya K.Nivetha K.Devipriya	CSE-123	7500/-
655.	Dr.D.Ramyachitra Assistant Professor Dept. of CSE Bharathiar University Coimabtoe - 614 046	Automatic vehicle headlight management system to prevent accidents during night drive	Kathir Selvan C	CSE-129	7500/-
656.	Ms.R.Ramya Assistant Professor Dept. of CSE Cauvery College for Women Tiruchirapalli - 620 018	Vehicle parking reservation using IoT	Gayathri.M Shalini.M	CSE-150	7500/-

657.	Mr.Rajkumar R Assistant Professor Dept. of CSE Chettinad College of Engineering & Technology Puliyur – 639 114	Signs with smart connectivity for better road safety	Bhavani Shankar K Arun Raj T.S Dinesh R K Dinesh S	CSE-164	7500/-
658.	Miss. Anu Roopa Devi. S Assistant Professor Dept. of Biomedical Engg. CK College of Engineering & Technology Cuddalore – 607 003	Cardiovascular disease prediction using Raspberry Pi	Harinath.G Agash.B Hariharasudhan.S Madhan Prasath.R	CSE-001	7500/-
659.	Dr.Kavitha D Assistant Professor Dept. of Computing, AI & ML Coimbatore Institute of Tech. Coimbatore - 641 014	Real time tamil speech to sign language converter using Raspberry Pi	Dhivya Shree R Mathew Valan D L	CSE-195	7500/-
660.	Dr.G.Sujatha Assistant Professor Dept. of Food Processing Engineering College of Food and Dairy Tech., Chennai - 600 052	Development of ripeness sensor using Raspberry Pi for zero wastage to farming community	Sivapriya. G	CSE-198	7500/-
661.	Mr.Nehru.P Assistant Professor Dept. of CSE Dhanalaskshmi Srinivasan Engineering College Perambalur - 621 21	A virtual mouse using hand gesture	N.Gayatri P.Sravya P.Hanna P.Nagasudha	CSE-255	7500/-
662.	Jayashree Cms. Assistant Professor Dept. of CSE Dr. Mahalingam College of Engineering and Technology Pollachi- 642 003	AR kids application	Sakthi Kavin K Logesh Kumar S Karthick N	CSE-272	7500/-
663.	Mr. Kameshwaran A Assistant Professor Dept. of IT Dr. Mgr Educational and Research Institute Chennai - 600 095	Food supply process from vendor to consumer by supply chain management of blockchain technology	Suraj Kumar Raushan Kumar Rajeev Kumar	CSE-275	7500/-
664.	Dr.Sountharraj .A. C. Professor Dept. of Computer Science with Data Analytics Dr.N.G.P. Art's and Science College, Coimbatore - 641 035	Mobile app for career guidance of Tamilnadu higher secondary school students	Aneesh.K Swetha.S	CSE-301	7500/-
665.	Mr.Dharani J Assistant Professor Dept. of IT Dr.N.G.P. Institution of Technology Coimbatore - 641 048	Design and development of smart wheelchair utilizing Raspberry Pi microcontroller with android application for paralyzed and differentially abled people	Bipin V K Debila G Wilson A	CSE-304	7500/-
666.	Dr.D.Kesavaraja Associate Professor Dept. of CSE Dr.Sivanthi Aditanar College Tiruchendur - 628 215	Bullock cart racing game using 3d virtual reality engine (unity software)	Harish Raja.B Abishek Nimalan.A.B	CSE-310	7500/-
667.	Ms.Sandhiya.B Assistant Professor Dept. of IT Easwari Engineering College Chennai - 600 089	Internet of things based dual axis solar tracking system	Anandha Abishek Raja R Ethiraj M Ijas Rasool M	CSE-350	7500/-

668.	Dr.Suresh Thangakrishnan M Head of Department Dept. of CSE Einstein College of Engineering Tirunelveli - 627 012	Crop yield prediction and disease detection to recommend fertilizer	P. Ragul Rohith J. Sathya Joshua L. Suresh Gopi	CSE-370	7500/-
669.	Dr.Umarani S Associate Professor Dept. of IT Erode Sengunthar Engineering College, Erode - 638 057	IoT based anti-theft flooring system using raspberry pi	Dheenadayaalan.A. K Thaneeshkumar.S Sengabagaraman. M Parthiban.R	CSE-376	7500/-
670.	Dr.G.Saravanan Associate Professor Dept. of CSE Erode Sengunthar Engineering College Erode - 638 057	Sign language translator using ai	S Yegappan G Vijayakumar K Suryaprakash	CSE-379	4000/-
671.	Mr.Sathyaraj P Assistant Professor Dept. of IT Excel Engineering College Namakkal District - 637303	Configurable zig bee based smart home appliances control system for people with multiple disabilities	Vikram Nikkash Poobalan Nithesh	CSE-422	7500/-
672.	Dr.Subbu Lakshmi T C Associate Professor Dept. of IT Francis Xavier Engineering College, Tirunelveli - 627 003	Investigator rover for improving worker safety and operational efficiency in industries	V.J.Venkatesh Babu G. Arun Prabahar M Arumugapriya Nil	CSE-434	7500/-
673.	Dr. Chellammal.S Assistant Professor and Head of the Department Government Arts and Science College, Trichy- 620027	Optimization techniques for sustainable ai models to run on edge devices	Suba Helena J	CSE-465	7500/-
674.	Dr.P.Kalyani Head Dept. of CSE Government College of Engg. Erode - 638 316	Blockchain in smart agriculture	Harish Babu.A.S. Mohamed Shraj.B Sanjay Kumar.B Tirumal T.N	CSE-475	7500/-
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676.	Mrs Joy Suganthi Bai Assistant Professor Dept. of CSE Grace College of Engineering Thoothukudi - 628 005	Automated doc/book scanner with automatic page turner	Daniel V Richardson R. Arun Kumar Nelson Soren M. Buvanesh Mani Kumar	CSE-483	7500/-
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678.	Ms.K.Kavitha Assistant Professor Dept. of IT, Hindusthan College of Engineering and Tech., Coimbatore - 641 032	A novel vehicular cloud model for vehicular tracking and intelligent transport system	Vignesh.K Pranesh.T Sandeep Kumar.V Sri Vishnu.R	CSE-499	7500/-

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775.	Mr.V.Velmurugan Assistant Professor Dept. of EIE Arunai Engineering College Thiruvannamalai- 606 603	Green radio technology for reducing power consumption in wireless network	V.David M.Prakash V.K.Divakaran K.Vasanthakumar	EEE-104	7500/-
776.	Dr A Vijayakumar Professor Dept. of EEE Anjalai Ammal Mahalingam Engineering College Kovilveni - 614 403	IoT based accident analysis & prevention system (aaps) with enhanced car surveillance (ecs) with gps enabled monitoring system using interior dual camera	S.Fayaz Ahamed G.Selvaguru V.K.Ranjith Kumar M.Manoj Kumar	EEE-068	7500/-
777.	Dr.Parnasree Chakraborty Assistant Professor Dept. of ECE B.S.Abdur Rahman Crescent Institute of Science and Technology Chennai - 600 048	Wearable mimo antenna for health monitoring	Rayapati Khader Yousuf Moula Shaik Haarees Ahmed Syed Abdul Hafeez	EEE-154	7500/-
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783.	Mr.G.Manikannan Assistant Professor Dept. of ECE Ck College of Engineering and Technology Cuddalore - 3	Intelligent edge IoT enabled livestock management frame work system	K. Ganesh A. Johnson	EEE-221	7500/-
784.	Mr.M.Pravin Assistant Professor Dept. of ECE CMS College of Engineering and Technology Coimbatore - 641 032	Ai enabled accident detection and alert system using IoT	Prithipa.M.S Kanagalakshmi.P Akshay.C.K	EEE-0229	7500/-
785.	Mr.P.Satheeshkumar Assistant Professor Dept. of ECE Coimbatore Institute of Technology Coimbatore - 641 014	Development of a compact implantable antenna based on a novel skin matched for human body fat measurement	Dharineesh.S.S Suryaprakash.J Jothi Ramalingam.A Nagulan.A	EEE-0239	7500/-
786.	Ms.Lakshmi Priya.G Assistant Professor Dept. of ECE CSI College of Engineering Nilgiris - 643 215	Effective monitoring and controlling toxic gas in spetic tank system using IoT	Anish Kumar C A.Dinesh Kumar Keerthiyani C	EEE-0243	7500/-
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979.	Dr.I.Sankar Assistant Professor Department of Mech.Engg National Engineering College Kovilpatti-628 503	3D printer filament production using recycled plastic waste	J.R. Antlinerishone K. Aravind U. Jeyasaravanan G. Karthikeyan	EME-0519	7500/-
980.	Mr.R.Anand Assistant Professor Department of Aeronautical Engineering Nehru Institute of Technology Coimbatore-641 105	Design and fabrication of automatic food serving machine	A. Anusriya K. Prakash P. Harikaran	EME-0530	7500/-
981.	Mr.C.Vibin Stalin Assistant Professor Department of Mechatronics Paavai Engineering College Pachal, Namakkal-637 018	Drowsiness detection in automotive vehicles	M. Dharun V. Praveen kumar S. Abinesh P. Harikaran	EME-0556	7500/-
982.	Mr.R.Pandithurai Assistant Professor Department of Mech.Engg Pandian Saraswathi Yadav Engineering College Arasanoor-630 561	Cow dung pot making machine	R. Balaji K. Ari krishnan	EME-0566	7500/-
983.	Mrs.P.Renuka Devi Assistant Professor Department of Mech.Engg Parisutham Institute of Technology and Science Thanjavur-613 006	Design and fabrication of manual grass cutting machine	S. Kalaimaran T. Ramkumar C. Ravisekaran K. Sivahariharan	EME-0570	7500/-
984	Mr.M.Poovaragan Assistant Professor Department of Mech. Engg. PET Engineering College Vallioor-627 117	Pedal operated water purifier	M. Subramanian J. Ramkumar S. Sriharraj K. Suresh	EME-0583	7500/-
985.	Mr.D.Meganathan, Assistant Professor Department of Mech. Engg. Prathyusha Engineering College, Thiruvallur-602 025	Automatic drainage cleaning machine	M. Ashwin Sharath J. Goutham Vignesh G.R. Rohith, K. Mohan kumar	EME-0587	7500/-



986.	Dr.G.Rajeshkumar Assistant Professor Department of Mech. Engg PSG Institute of Technology and Applied Research, Coimbatore-641 062	Development of biodegradable films for sustainable food packaging applications	M. Ajith Prasad M. Karthick S.K. Mathesh S. Shivadhanush	EME-0588	7500/-
987.	Mr.J.Yasin, Assistant Professor Department of Mech.Engg PSNA College of Engineering and Technology Dindigul-624 622	Production of activated carbon from the bio-waste materials	A. Habil Jason Tamil Chezhan A.S. Hareesh Babu S Dhinesh Kanna A Sethumadhavan	EME-0591	7500/-
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989.	Mr.T.Selvasundar Assistant Professor Department of Mech.Engg Ramco Institute of Technology Rajapalayam-626 117	Trashbot filling alert system for smart cities	Soumya souvik khuntia, S. Jehaveerapandiyan	EME-0610	6500/-
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991.	N. Sri saravanan, Assistant Professor Department of Mech. Engg RVS College of Engineering and Tech., Coimbatore- 641 402	Intelligent braking system in four wheeler	P. Manikanda Prabhu R. Vignesh G. Dhivakaran C. Narayanan	EME-0625	7500/-
992.	Dr.J.Arun Prakash Assistant Professor Department of Aeronautical Engineering Hindusthan Institute of Tech. Coimbatore-641 032	Development of low-cost solar-powered ventilation exhaust fan cum air purifier for hospital ward	E. Pradeep G. Balaji B. Praveen S. Rishikeshwar	EME-0272	5000/-
993.	Dr.G.Rohini Professor and Head Department of EEE S.A. Engineering College Thiruverkadu-600 077	Child rescue system from abandoned borewells	B. Gokul B. Harish	EME-0634	7500/-
994.	Dr.M.Sangeetha Associate Professor Department of Mechatronics Sathyabama Institute of Science and Tech., Chennai-600 119	Modelling of tethered UAV system for coconut/ ice apple harvesting	R. Kaushik Pugazh Sivakumar	EME-0639	7500/-
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997.	Mr.C.Mohankumar Asst. Prof., Department of Mech. Engg, Sengunthar Engg College,Tiruchengode-637 205	360 degree rotating fire protection system	B. Kavinraj S. Dinesh	EME-0652	7500/-
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