



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,  
Accredited by National Board of Accreditation (NBA), New Delhi &  
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade  
**PERUNDURAI -638 057, TAMILNADU, INDIA.**



## Criterion 3 – Research, Innovations and Extension

<b>3.2</b>	<b>Resource Mobilization for Research</b>
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### 3.2.1 Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year

#### INDEX

S.No.	Description	Page
1	Fund Received from Government and Non-Governmental agencies for research project – Details	01
2	Sanctioned Orders	03



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## RESEARCH AND DEVELOPMENT CELL



### Details of funds sanctioned/received for various Research and Development activities during 2022-23

S.No.	Department	Name of the Faculty	Name of the Proposal	Agency Details	Amount sanctioned (In Rs.)
1	ECE	Ms. E.L. Dhiyva Priya and Dr.A.Sathish Kumar	Design of Antenna at Public Safety Spectrum for Mission Critical Communications in GHz Band	ICSSR, NIS/NS/209/IC/2022-23	50000
2	ECE	Mr. V. Thamizharasan, Assistant Professor Students: M. Gokulapriya	Design and implementation of mini fm using LI-FI technology	TNSCST, EEE-374, SPS- Engineering and Technology	7500
3	Chemical	Mr. P. Selvaprakash Assistant Professor Students: S. Santhoshkumar, R. Johnson, Muhammed Sayis	Recovery of sodium sulphate and sodium carbonate salts from textile effluent	TNSCST, CHE-031, SPS- Engineering and Technology	7500
4	Civil	Dr.S.Arul Mozhi Associate Professor Students: K. Subhashree	Advanced oxidation process for treatment of contaminated water with micro pollutants	TNSCST, ECV-101, SPS- Engineering and Technology	7500
5	IT	Dr.S. Umarani, Assistant Professor Student: A.K. Dheenadayalan,	IoT based anti-theft flooring system using raspberry pi	TNSCST, CSE-376, SPS- Engineering and Technology	7500



Dr. V. VENKATACHALAM, M.Sc., M.Tech., Ph.D.  
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## RESEARCH AND DEVELOPMENT CELL

		S. Thaneeshkumar, M. Sengabagaraman, R. Parthiban			
6	CSE	Dr.G.Saravanan, Associate Professor  Students: S Yegappan G Vijayakumar K Suryaprakash	Sign language translator using ai	TNSCST, CSE-379, SPS- Engineering and Technology	4000
7	Mech	Mr.G.Dhayani, Assistant Professor  Students: N. Naveen Kumar M. Neshamani C. Prabhakaran S. Pragadeshwaran	Experimental Analysis of Electric vehicle without rechargeable	TNSCST, EME-0197, SPS-Engineering and Technology	7500
8	BME	Ms. N. Ageela, Assistant Professor  Student: Thrisha W.G Vidhya.P S.vignesh	A bendable and wearable cardio respiratory monitoring devices fusing to non-contact sensor	TNSCST, MS-0220, SPS- Engineering and Technology	7500
9	MBA	Mr. M. Nandhakumar, Assistant Professor  Student: D. Sneha	Problems and vanquish strategies of female entrepreneur in erode town	TNSCST, SS-138, SPS-Science	7500
Total					106500

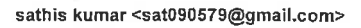
**Director R&D**



**Principal**

**U.V.VENKATACHALAM, M.Sc., M.Tech., Ph.D.**  
**PRINCIPAL**  
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 Thudupathi, Erode - 638 057

Gmail - National Seminar Award Letter (ICSSR)



3 messages

Fri, Mar 3, 2023 at 10:32 AM

Dear Dr. Kumar,

You are therefore requested to kindly submit the exact schedule/programme of the Seminar. Please ensure that once the seminar schedule is confirmed, it should not be changed in any case. A formal sanction letter will be sent after the confirmation of the seminar dates, programme and list of resource persons.

M.P. Madhukar  
Deputy Director  
Incharge, International Collaboration Programme  
ICSSR, New Delhi

Dr.sathishkumar

<https://mail.google.com/mail/u/2/?ik=8cba1beff8&view=pt&search=all&permthid=thread-f%3A1759321182504187822&simpl=msg-f%3A1759321182504187822&simpl=msg-a%3A-2730447479832144434&simpl=ms...> 1/2



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791.	Dr.K.Kalaivani Associate Professor Dept. of ECE Easwari Engineering College Ramapuram Chennai - 600 089	Autonomous wall painting robot using Raspberry Pi and image processing	Aakaash.Sv Dominic Thirshatha .T Manii Bharathi.Pa	EEE-0351	7500/-
792.	Mrs.M.Sridevi Maheswari Assistant Professor Dept. of ECE Einstein College of Engg Tirunelveli - 627 012	Eye controlled wheelchair using brainwaves with home automation and alert	Manimala.R S .Rajasubashini C .Rupika	EEE-0360	7500/-
793.	Dr.K.Kalaiselvan Professor Dept. of EEE Er.Perumal Manimekalai College of Engineering Hosur - 635 117	Bore well rescue technology for saving humans life	B.Kirankumar A.Vijaykumar R.Mohammed Anas K.Vignesh	EEE-0367	7500/-
794.	Mr.Thamizharasan V Assistant Professor Dept. of ECE Erode Sengunthar Engineering College Erode - 638060	Design and implementation of mini fm using LI-FI technology	M.Gokulapriya	EEE-0374	7500/-
795.	Ms.A.Anitha Rani Assistant Professor Dept. of ECE Excel Engineering College Komarapalayam - 637 303	Ai based smart farming plant leaf diseases detection using Raspberry Pi for precise agriculture	Satyajit Samanta Nitesh Kumar Joy Deep Panja Mohammed Irfan	EEE-0402	7500/-
796.	Dr.R.Natarajan Associate Professor Dept. of EEE Fatima Michael College of Engineering and Technology Madurai - 625 020	Button operated gear shifter in two wheeler using servo motor	Durga Devi RM	EEE-0428	7500/-
797.	Mr.Selvakumar.S Assistant Professor Dept. of EEE Francis Xavier Engineering College Tirunelveli - 627 003	Detection of defects in sewage pipes	Abirami.C	EEE-0439	7500/-
798.	Dr.S.Sathya Associate Professor Dept. of ECE Gojan School of Business and Technology Chennai - 52	IoT based smart ventilator with intravenous (IV) drip rate monitoring system	Vigneshwaran V Peter John D Rathish Kanna C Manikandan S	EEE-0464	7500/-
799.	Dr B.Baby Priya Associate Professor Dept. of EEE Government College of Engineering Erode - 638 316	Extended range electric vehicle using wirelessly charged supercapacitor	Gowthaman N Nagalingam P Abisheik S Mohan Prasanth M	EEE-0468	7500/-
800.	Dr. Maruthupandi. P Assistant Professor Dept. of EEE Government College of Technology Coimbatore- 641 013	IoT based smart assistant to farmers for irrigation and monitoring of agricultural lands	Suriya P Karthikeyan V Prinitha S Aarthi G	EEE-0470	7500/-



22 of 43

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

**STUDENT PROJECTS SCHEME 2022-2023**

S.No	Guide Name & Institution	Title of the Project	Students Name	Project Code	Amount Rs.
<b>CHEMICAL ENGINEERING</b>					
564.	Dr. Sridharan D Assistant Professor Dept of Chemical Engg. Anjalai Ammal Mahalingam Engineering College Kovilvenni-614 403	Fabrication of fast charging supercapacitor for e-bike applications	Joshwa J Satheeshwaran S Clement Jasper J Sivanantham R	CHE-010	7500/-
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 Kamalakkannan.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	P.Raakesh Kumar D.Muhammed Aashik D.Vignesh	CHE-079	7500/-

1 of 43



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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.Sabarinathan 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 Vasan 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. Kaviyaranan 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/-



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 Prabakar 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/-
675.	Dr.Thenmozhi.D.S Assistant Professor Dept. of CSE Government College of Engineering, Erode – 638 316	QR code attendance system	Midula.M S.Nithya N.Oviya	CSE-478	7500/-
676.	Mrs Joy Suganthy 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 Kuamar Nelson Soren M. Buvanesh Mani Kumar	CSE-483	7500/-
677.	Dr Muthukumar M Associate Professor Dept. of CSE Hindustan Institute of Technology and Science Chennai - 603 103	Augmented reality based learning textbook: an application	Kumar Selvakumaran Shreya Kishore Ashwin R Appsara	CSE-494	7500/-
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/-



11 of 43

Dr.V.VENKATACHALAM, M.E., M.Tech., Ph.D.  
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937.	Mr.P.Panneer Selvam Assistant Professor Department of Aeronautical Engineering Er.Perumal Manimekalai College of Engineering Hosur-635 117	Design and fabrication of all in one wild-life power system gadget	M. Vishnu K.L. Sathyamurthy D. Surendhar	EME-0194	7500/-
938.	Mr.G.Dhayanithi, Assistant Professor, Department of Mech. Engg. Erode Sengunthar Engineering College, Erode-638 057	Experimental Analysis of Electric vehicle without rechargeable	N. Naveen Kumar M. Neshamani C. Prabhakaran S. Pragadeshwaran	EME-0197	7500/-
939.	Mr.J.Senthil Kumar Assistant Professor Department of Aeronautical Engineering Excel Engineering College Komarapalayam-637 303	Development of a U-Boat for monitoring levels of water pollution, aquatic habitats and other maritime applications	Subash Dhakal Santosh Prakash Sudip Dhakal Ram Pratap Mahato	EME-0206	7500/-
940.	Prof.A.Eakambaram Head Department of Automobile Engineering Arunai Engineering College Tiruvannamalai-606 603	Design and fabrication of coconut dehusking machine	S. Dinesh Kumar Gopal Dhanush S.M. Monesh Adithan	EME-0066	7500/-
941.	Mr.B.M.Gnanasekaran, Assistant Professor Department of Automobile Engineering, Fatima Michael College of Engineering and Technology Madurai-625 020	Low cost home inverter system made by automotive scrap parts	M. Karthick Kumar N. Murugeswaran M. Vigneshwaran M. Abinash	EME-0227	6000/-
942.	Dr.Zeenathul Farida Abdul Gani Professor Department of Mechanical Engineering Francis Xavier Engineering College,Tirunelveli- 627 003	Fabrication of mini pyrolyser for plastic waste to fuel	S. Gopinath A. Yokesh Sundarkumar Y. Mohammed Ibrahim J. Mahalingaraja	EME-0239	7500/-
943.	Mr.N.S.Nandakumar Assistant Professor Department of Mechanical Engineering Government College of Engineering (IRTT) Erode-638 316	Pneumatic three axis modern trailer	R. Ajay S. Santhosh P. Satheesh S. Selva kumar	EME-0250	7500/-
944.	Prof.S.TamilPrabakaran Assistant Professor Department of Mechanical Engineering Government College of Engineering-Bargur Bargur-635 104	Modelling and validation of deposition path to produce thick cylindrical component in Ni Cr Mo-3 wire by Wire by metal Arc Additive manufacturing process (WAAM)	A. Ajai K. Kawin Karthick J.C. Kesavan S. Naveen	EME-0252	7500/-
945.	Prof.G.Prabhu Assistant Professor Department of Automobile Engineering Hindusthan College of Engineering and Technology Coimbatore-641 032	Enhancement of passenger safety system by extraction of toxic gases from car cabin	K. Gijendrashivan S. Sanjeev kumar S. Kavi barathi S. Praveen kumar	EME-0269	7500/-



36 of 43

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269.	Dr.S.Saranya Assistant Prof. of Chemistry Cauvery College for Women Tiruchirappalli - 620 018	Anticancer activity of mono- and dinuclear arene Ru(II) complexes: Apoptosis induction studies on cancer cells	Lalithambikai. R	MS-0079	7500/-
270.	Dr.S.Weslen Vedakumari Assistant Professor Faculty of Allied Health Sciences Chettinad Academy of Res. and Edn., Kelambakkam - 603 103	PDMS based microneedles patch for tissue regeneration	Atchaya J	MS-0097	7500/-
271.	Dr. J.Hemapriya Assistant Professor Dept. of Microbiology D.K.M. College for Women Sainathapuram Vellore-632 001	Exploring the anti-quorum sensing efficacy of Phytomolecules-capped Gold nanoparticles synthesised from the marine seaweed <i>Sargassum wightii</i> embed on to the Urinary catheter to combat UTI Pathogen – <i>Pseudomonas aeruginosa</i>	M. Sneha K.Ilakiya	MS-0108	7500/-
272.	Ms.Gajalakshmi Purushothaman Dept. of Microbiology Dhanalakshmi Srinivasan College of Arts and Science for Women Perambalur-621 212	An <i>invitro</i> study on AchE enzyme Inhibitors synthesized by marine actinomycetes against Alzheimer disease	R.Rajalakshmi A.Kalpana	MS-0115	7500/-
273.	Dr.Hema.V.H Medical Surgical Nursing Dr MGR Educational and Research Institute Chennai - 600 077	A comparative study to assess knowledge attitude and practice regarding prevention of stroke inpatient with metabolic syndrome	Kerith Evanjelin J	MS-0123	7500/-
274.	Dr.R.Mahenthiran Assistant Prof. of Microbiology Dr. N.G.P. Arts and Science College Coimbatore- 641 048	Isolation and characterisation of bifidobacterium speices from dairy products against gastro intestinal infection causing pathogens	Harini.B	MS-0152	7500/-
275.	Dr.N.Arul Assistant Professor Department of Zoology Bharathiar University Coimabtoe – 641 046	Targetting AKT/PI3K signalling pathway through oleuropein and chlorogenic acid – A synergistic implication to target cervical cancer	Panimalar Abirami.K	MS-0056	7500/-
276.	Dr.R.Kadhar Nivas Assistant Professor Dept. of Biotechnology EGS Pillay Arts and Science College Nagapattinam- 611 002	COVID-19 vaccine acceptance and associated factors among college students in Nagapattinam	K.Nitheesh Kumar G.Pragatheeswari S.Vidhya	MS-0213	7500/-
277.	Ms.Ageela N Assistant Professor Dept. of Biomedical Engg. Erode Sengunthar Engineering College, Erode – 638 057	A bendable and wearable cardio respiratory monitoring devices fusing to non contact sensor	Thrisha W.G Vidhya.P S.vignesh	MS-0220	7500/-
278.	Dr. Vasantha Esther Rani Associate Professor, Head Department of Human Nutrition and Nutraceuticals	Cocos nucifera incorporated oats – flax seed stuffed mushroom momos for hyperglycemic patients	V.Priyadharsini P.Rathi Preetha	MS-0225	7500/-



26 of 54

Jr.V.VENKATACHALAM, M.A., M.Tech., Ph.D.  
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486.	Dr. Jegankumar R Professor & Head Dept of Geography Bharathidasan University Tiruchirappalli-620024	A geo-medical analysis of vector-borne diseases based on environmental characteristics in the dindigul district, with special reference to case studies in dengue	B Padmashri F Suvakin Silvester	SS-040	7500/-
487.	Mr.J. Pauline Petricia Assistant Professor Dept of Social work Bon Secours College for Women, Thanjavur-613 006	Intergrated approach on study of impact of Illam Thedi Kalvi, the post pandemic educational outreach programme and assess the components to be improved in Thanjavur District	Sundaravalli.M	SS-042	7500/-
488.	Mrs.G.Vijayakumari Assistant Professor of ECE Builders engineering college Kangeyam- 638 108	Smart waste management system for metropolitan cities	Ashokkumar.P R.Nandhini R.Revathi	SS-051	7500/-
489.	Ms.Hema.S Assistant Professor Dept of social work Cauvery college for women Annamalai Nagar Trichy - 621218	A Study on Challenges faced by women Employees involved in night Shift in Manufacturing Industries	Sowmiya M	SS-053	7500/-
490.	Ms.Ambika S Assistant Professor Dept of Management Studies Coimbatore Institute of Engineering and Technology Coimbatore- 641109	A Study on the Determinants of Nutritional challenges faced by Rural Women in lieu of covid crisis.	Priyadharshini S Shakina Banu M	SS-067	7500/-
491.	Ms.Viveka.M.N Assistant Professor Dept of MBA DJ Academy For Managerial Excellence Coimbatore - 641032	A study on impact of seasonal unemployment in agriculture on poverty with reference to Coimbatore and Pollachi region	M.Sanjay E.S.Sukumar	SS-071	7500/-
492.	Ms. Suji.U Assistant Professor Dept of Master of Hospital Administration Dr.N.G.P arts and science College, Coimbatore- 641035	Effect of implementing effluent treatment plant in slum areas in coimbatore.	Supriya.S Praveen Kumar.S Jeevarathna.S Ajith.K	SS-094	7500/-
493.	Mrs.Shyamala Gowri B Assistant Professor Dept of Computer Science and Engineering Easwari Engineering College Chennai- 600089	Sign language recognition for hearing impaired	Solana Appalo A M Saranya P Swetha M	SS-128	7500/-
494.	Dr. MohanraJ .P Professor Dept of Department of Management Studies Er.Perumal Manimekalai College of Engineering Hosur-635 117	Significant impact of State freebies on changes in economic status and real expectations of economically backward people for livelihood	Puttaraju .M Ajith Kumar .D	SS-133	7500/-
495.	Mr.Nandhakumar. M Assistant Professor Dept of MBA Erode Sengunthar Engineering College Perundurai, Erode-638057	Problems and vanquish strategies of female entrepreneur in erode town	Sneha D	SS-138	7500/-



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