



## EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A+" and Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303

Academic Year 2022-23

### IQAC CELL

6.3.2 Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

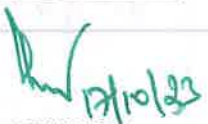
#### SUMMARY REPORT

S.No	Name of teacher	Name of conference/ workshop attended for which financial support was provided	Name of the professional body for which membership fee was provided	Amount of support
1	Dr.K.Tamilarasi	Deep Neural Network for Image Recognition in medical Diagnosis	Publication - WOS	5000
2	V Arun Anotny	Implementation of Technique towards security and Privacy for Edge AI in IOT /IOE Based Digital Marketing Environment	Indian Patent	2500
3	Mr.M.Sambathkuamr	Machine Learning and Iot Based Approach Monitoring and prediction of air quality pollution	Patent -IN	2500
4	Dr. K.Geetha	An Optimized Machine Learning Framework for Detecting Alzheimer's Disease by MRI	Publication - WOS	3500
5	Dr.N Tamilselvan	Health transfer enhancement in spiral type heat exchanger using non- newtonian nanofluids	CSI	2500
6	Dr.A.Vasantharaj	Artificial Intelligence Based Approach Integrated with IOT Powered by solar energy for unmanned Air Filing of Tiresof Vehicles	Indian Patent	2500
7	Dr.A.Vasantharaj	An-in -tire Pressure monitoring SOC using FBAR resonator Based Zig-Bee Transceiver and Deep Learning Models	Publication -Scopus	5000
8	Dr. S Sreethar	SARC- Search and rescue optimization based coding scheme for Chennai fault tolerance in wireless network	Publication -Scopus	5000
9	Dr.A.Vasantharaj	Child Safety Wearable and Visually Impaired Assistive Device with Location Tracking System using IoT	Publication -Scopus	2500

10	Dr. N Natarajan	Exploration of mechanical properties of fiber and copper wire reinforced hybrid polymer composites	Publication -Scopus	1000
11	Dr. N Natarajan	Experimental analysis on evaporative emission from ceramic coated fuel tank	Publication -Scopus	1500
12	M Ramesh	Systolic optimized adaptive filter architecture designs for ECG noise cancellation by vertex-5	Publication -Scopus	7500
13	N Tamilselvan	Study on the use of Selection Catalytic Reduction Technique for No emission Reduction in an diesel Engine fuelled with methyl ester of water Hyacinth	Publication -Scopus	7500
14	Dr. M.P.Murugesan	Treatment of Municipal Waste Water in a Fixed Aerated Bed :Use of Natural Fibrous Materials	Publication -WOS	5000
15	Dr. S Balakrishnan	Developmeent of a improved structural integrity assessment correlation for throughwall axially creaked 90shape imperfect pipe bend under in plane opening bending moment	Publication -Scopus	5000
16	Dr.S.Sankaranānth	Auto Controlled Anti-Glare Visor implementation for vehicles	Indian Patent	5000
17	Dr.S.Sankarananth	PV Systems Based High gain converter using CI and SCC Techniques	Publication -Scopus	2500
18	Dr. M.P.Murugesan	Two phase Leaching for Metal Recovery from waste Printed Circuit Boards:Statistical Optimization	Publication - SCI	5000
19	Dr.A.Vasantharaj	Mathematical Statistician and Engineering Applications	Publication -Scopus	2500
20	Dr.R.Vinoth	Study on the use of Selection Catalytic Reduction Technique for No emission Reduction in an diesel Engine fuelled with methyl ester of water Hyacinth	Publication -Scopus	1500
21	Dr.R.Vinoth	Heat Transfer Enhancement in oblique finned curved Micro Channel using Hybrid Nanofluid	Publication - SCIE	5000
22	Dr.M.Venkatesan	Experimental Study of Thermal performance on Waste In-Filled Building Wall Construction	Publication -WOS	5000
23	Dr.S.Anbukarrupusamy	Enhanced Interpolation with Semi-Supervised algorithm and Greedy Forwarding Technique for forest fire Prediction over wireless Sensor and Actuator Networks	Publication -WOS	1500

24	Dr.K.Boopathy	Machine Learning Approaches for improving the Automatic Solar Light Tracking system for Energy Efficiency	Indian Patent	2500
25	Mrs.M.Ramya	Machine Learning Based Approach to analyze the characteristic of Various Nano Materials and Their impact in Improving Agricultural Yield	Indian Patent	5000
26	Dr.P.Loganathan	Analysis of Mechanical Behaviour of Concrete with Different Types of Adding Fibre through the propagation of ultra Sound Waves	Indian Patent	500
27	Dr.S.P.Venkatesan	Experimental Investigation on the Mechanical Properties of Indian Almond Fiber -Reinforced Composition prepared by Different Types of Resins	Publication - SCIE	5000
28	Dr.S.P.Venkatesan	An efficient Android Malware Detection using Adaptive Red Fox Optimization Based CNN	Publication - WOS, SCIE	5000
29	Dr.P.C.Senthil Mahesh	Experimental Investigation on the Mechanical Properties of Indian Almond Fiber -Reinforced Composition prepared by Different Types of Resins	Publication - SCIE	5000
30	Dr.P.C.Senthil Mahesh	An efficient Android Malware Detection using Adaptive Red Fox Optimization Based CNN	Publication - WOS	5000
31	Dr.K. Geetha	An Optimized Machine Learning Framework for Detecting Alzheimer's Disease by MRI	Publication - WOS	3500
32	Dr.R.Vinoth	Experimental Study of heat transfer and pressure drop characteristics of microtube condenser using R134a	Publication - Scopus	2500
33	Dr.Habeebur Rahman	Smarter and Green Energy Generation Systems using Photovoltaics in Machine Learning Approach	Patent-IN	5000
34	Dr.Habeebur Rahman	Present and Future Role Played by AI in Supply Chain Process Green Cloud computing energy Efficiency	Patent-IN	5000
35	Dr.A.Vasantharaj	An-in-tire Pressure monitoring SOC using FBAR resonator Based Zig-Bee Transceiver and Deep Learning Models	Publication - WOS & SCI	5000
36	Dr.S.Jayapoorani	Systolic optimized adaptive filter architecture designs for ECG noise cancellation by vertex-5	Publication - Scopus	2500
37	Dr.P.Sivakumar	Review on the interactions between dopamine Metabolites and $\alpha$ -synuclein in causing parkinson's disease	Publication - WOS & SCI	5000
38	Dr.P.Loganathan	Confinement effectiveness of 2900PSI Concrete using the extract of Euphorbia Tortilis cactus as a natural additive	Publication - WOS & SCI	5000

39	Dr.P.Loganathan	Mechanical Performance of ETC RC beam with u-framed AFRD laminates under a static load condition	Publication - WOS &SCI	5000
40	Dr.S.Shanmugasundram	Torsional Performance of Reinforced concrete fibre and aramid fiber laminates	Publication - SCIE	5000
41	Dr.A.Vasantharaj	Artificial Intelligence Based Approach Integrated with IOT Powered by solar energy for unmanned Air Filing of Tires of Vehicles	Indian Patent	2500
Grand Total			Rs	<b>1,60,500</b>

  
 17/10/23  
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