



RajaRajeswari College of Engineering

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Criteria 2.4.2

AY – 2023-24

2.4.2 Average percentage of full-time teachers with PhD

SL No.	Reserch Guide	Dept	Research Topic	Research Scholar Name	Year Registration	Research Scholar Topic
1	Dr. R.Balakrishna	CSE	Multihop performace issues in wireless mobile ad hoc networks	Mrs Shabana	2021	Cancellation biometric techniquefor iris recognition system using ANN and CNN model as a cloud service
2	Dr. S.Usha	CSE	Investigation of Misbehaving nodes in Mobile Adhoc Networks	Ms Nisha Bhai	2022	An investigation on medical image content enrichment for diagnosis using improved unsupervised learning Process
3	Dr. S.Vijayanand	CSE	An Effective compression Techniques using segmented and intra pixel based Multi dimensional for images	Mrs Ashwini	2022	
4	Dr. T.R Gopalakrishnan Nair	CSE	Parallel computing Methodology for flight Simulation	Nil	Nil	Nil
5	Dr. S. Jeyabalen	CSE	An Efficient computational model for analyzing cell signalling pathways using intelligent Techniques	Nil	Nil	Nil


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6	Dr. D.Sivakumar	CSE	Performance Estimation of Modified COCOMOII Model Parameters for Software Projects Using Soft Computing Techniques.	Ms Rajalakshmi jagadeesan	2022	Classification of breast cancer using machine learning and deep learning Techniques
7	Dr. A.K.Mariappan	CSE	A Prototype Meta Search Engine to enhance the quality of results pages using wordnet ontology			
8	Dr. Kamal Raj.T	CSE	Development of Cluster Routing Protocol for power consumption in wsn using eE -CAS	Ms Pavithra	2022	Cross Model Explainable AI approaches for optimized osteoporosis Disease diagnosis
				Ms Shalot Benvin	2022	Edge AI for real time video analytics in IOT Survilence
9	Dr.Selvi.M	CSE	Design and Developing a Multicast Routing Protocol for Link Failure and Reliable Data Delivery	Mr Sunil A	2022	Simplified learning based diagnosis of covid nineteen form chest Xray


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10	Dr.D Kirubha	CSE	A Study of QoS aware Video Streaming Methods for Surveillance Applications	Ms Sophia	2022	An investigation to improve the performance for identifying Distinct frames over the video for limiting frame replication using ML Techniques
11	Dr.Karuppasamy	CSE	optimised of cloud data centre resources for sustainable green cloud environment			


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12	Dr. Rangaiah.L	ECE	Major issues in design of wireless communication systems quality of service reliability - dealy trade off in adhoc net-works, frequency synchronisation for ofdm.	Prasanna Kumar	2017	Design Implementation and validation of network on chip (NOC) for data encoding and decoding
		ECE		Jayan K George	2017	Weighting scheme based interference cancellation using adaptive cuckoo search optimization
		ECE		Haritha K S	2018	Secdesure and efficient design for minimizing energy maximizing life time of wireless sensor network
		ECE		Hamsa Rekha SD	2022	Wearable device for wireless body area network driven by artificial intelligence
		ECE		Supraja M	2024	Wireless Communication


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13	Dr. A. Muruganandam	ECE	MODIFIED SPIHT AND FRACTAL-BASED EFFICIENT MEDICAL IMAGE CODER	R . Gangadhar Reddy	2022	Improving the accessibility of speech used in broadcast media for an ageing population using multi-modal approach
				Karthikeyan R	2017	Improvisation of clinical diagnostic image quality using Logarithmic DWT with Enhanced particle swarm optimization Technique
				Lokesh K	2023	Glaucoma eye disease detection using Deep learning and modified classification technique implementation
				Nagesh H B	2023	Early detection and classification of Parkinson's disease using progressive deep learning on radiological images
				Ajay M	2024	Modified Brain Tumor Segmentation based on the fusion of deep semantics and edge information in MRI using multispectral analysis of multimodal images

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14	Dr. SumithaManoj	ECE	Stride for developing new image registration techniques using mutual information and optimization techniques	NIL	NIL	NIL
15	Dr. D.Sobya	ECE	Embedded multiple source real time monitoring and controlling by bluetooth support with master slave architecture and algorithm	NIL	NIL	NIL
16	Dr. Vijaya S.M	ECE	Efficient image compression algorithm and VLSI implementation for medical image	NIL	NIL	NIL
17	Dr. Sunitha R	ECE	Reliability Analysis and Enhancement Techniques for denoising microarray image using artificial intelligence	NIL	NIL	NIL
18	Dr. Deepika.J	ECE	Implementation of Power Control in Manet Energy Efficient Routing With Capacity Maximization	NIL	NIL	NIL


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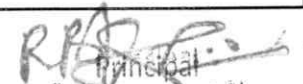
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19	Dr. V. Ramesh	Civil	Fuzzy Reliability Analysis of Transmission line Towers	NIL	NIL	NIL
20	Dr. D.C. Sharma	Civil	Treatment of Chromium Carrying waste water using Low cost Adsorbents	NIL	NIL	NIL
21	Dr. K. Aravinthan	Civil	Experimental Analysis of Earthquake Resistant Base Isolated Structures with Hybrid Spherical Rollers	UMMER FAROOQ PASHA	2020	ANALYTICAL STUDIES ON PERFORMANCE OF RC BEAMS STRENGTHEN WITH VARIOUS COMPOSITE OVERLAYS
22	Dr. Kumar C	Civil	Physical Characterization of Mulehole, Maddur and Terakanambi watersheds in Southern Karnataka, India - Implications for hydrological studies	NIL	NIL	NIL


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23	Dr. Thangaduri N	IOT	energy minimazation in wireless sensor networks	Nil	Nil	Nil
24	Dr. R Gangadhar Reddy	IOT	DESIGN OF A RELIABLE ,ROBUST ENERGY EFFICIENT FULL ADDER CELL FOR ARITHEMATIC APPLICATIONS	Nil	Nil	Nil
25	Dr. Lakshmi C	IOT	INTEGRATED APPROACHES TO ENCHED THE QUERY PROCESSING FOR RESOURCE DESCRIPTION FRAME WORK DATA USING HADOOP COMPONENTS	Nil	Nil	Nil
26	Dr. Muruganandham S K	CSD	Network lifetime maximizingusing modern proficient algorithms in wireless sensor networks	Nil	Nil	Nil

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27	Dr. Satheesha V	RA	Heat transfer and fluid flow	nil	nil	nil
28	Dr. Karthikeyan M	RA	Industrial Engineering	Nil		
29	Dr.Vishwanath K C	RA	Numerical investigation of the effect of elasto-plastic behavior around the notches under cyclic loading	Hemanth Kumar C B	2024	Investigating the influence of particle size and weight percentage on the mechanical, fracture and wear performance of engineered hybrid aluminum metal composites
30	Dr. N Sreenivasalu Reddy	RA	solar energy	Vinay Kumar	2022	Study on Parabolic trough collector
31	Dr.Thanuj Kumar M	RA	Green composites from fabric reinforced natural rubber for high performance engineering applications	Nil	Nil	Nil
32	Dr. Radhakrishna	RA	Characterization of woven hybrid bamboo and jute fibers reinforced in epoxy composites	Nil	nil	Research Topic: Characterization of Woven Hybrid Bamboo and Jute Fibres Reinforced in Epoxy Composites
33	Dr.Madhu K S	RA	Experimental analysis on heat transfer characteristics of helical coil heat exchanger with varying pitch	nil	nil	

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34	Dr. J.Amuthraj	ISE	Design of an Efficient and Resilient Content Distribution Networks	Mr. Vinoth Kumar	2017	Design of Hybrid Public Key Cryptographic Algorithm for cloud security based on dynamic, reliable and rapid Group Key Management Mechanism
35	Dr.Sreenivasa Murthy V	ISE	A study on an innovative solution to improve and test " Data synchronisation" between client mobile application and the server		nil	
36	Dr.Neha Singhal	ISE	Design and implementation of Web service composition with an application	nil	nil	
37	Dr. RajeshK. S	AIML	DESIGN AND IMPLEMENTATION OF TRUSTED SECURE ROUTING FRAMEWORK FOR DYNAMIC WIRELESS AD-HOC NETWORK.	Kavitha D, Chidananda V and Veresh	2023, 2024 and 2024	Evaluating BFM security attract in 5G network, Federated learning based internte of Vehicle and Design and Development of energy technoque for 3D WSN
38	Dr. Prakasha P.K	AIML	DSP based field oriented of 3 phase IM	nil	nil	ni

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39	Dr. A.S. HariPrasad	S&H	Some studies on quartic and quintic splines with application to quadraure	Shilpa R	2021	Function and integral function approximation in Euclidean Space
				Kallu V Vijay Kumar	2017	Dispersion of passive/reactive solute in channel flows of a kuvshiniski viso elastic field
				Kavya,	2017	convection in nano liquids occupying tilted slot
				Amrutha H P.	2010	Application of finite element methods and polynomials splians for numerical integration in 2D eucliding space
40	Dr. B.Savitha	S&H	Studies on Thermomagnetic convection in a micropolar fluid with or without micropolar fluids	Kushala R	2019	Boundry value Problem


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41	Dr. N.Raveendra	S&H	Analysis of Boundary layer fluid flows with heat and mass transfer over nonlinear stretching/moving surfaces	Chndrakala H G	2021	Solution of some boundry value problems raising Boundry layer theory
		S&H	Analysis of Boundary layer fluid flows with heat and mass transfer over nonlinear stretching/moving surfaces	Tejeshkumar R	2023	Mathematical analysis of flow heat and Mass transfer problems concerned of Boundry layer
42	Dr.Anitha B S	S&H		V Hosa	2019	Lorentzian Contact Manifolds
43	Dr. A. Sudhakara	S&H	A novel approach towards synthesis of idoles	nil	nil	nil

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44	Dr. Pruthviraj .R.D	S&H	CORROSION INHIBITION STUDIES OF ZA-27/SIC	RASHMI	2017	CORROSION STUDIES OF AL7075/SIC
				VISHWAPRAKASH	2017	CORROSION INHIBITION STUDIES OF NANOCOMPOSITES OF AL BASED ALLOY
				RAKSHITHA	2017	CORROSION INHIBITION STUDIES BY USING ORGANIC INHIBITORS
				RAMYA	2017	CORROSION STUDIES OF HYBRID COMPOSITES
				ANIL KUMAR	2017	CORROSION INVESTIGATIONS OF AL 5052/AL2O3/MOS2 HYBRID COMPOSITES

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45	Dr. B. HariPrasad	MCA	A study of different technologies for hacking websites	nil	nil	nil
46	Dr. Subburaj.T	MCA	Countermeasures on Network Traffic against distributed denial of service attacks	Pushpalatha.G	2024	Harnessing suricata IDS with Honeypot Deployment for Threat Intelligence
47	Dr. Annu Sharma	MCA	Analysis and Design of Biometric system based on Spectral Processing	nil	nil	ni
48	Dr. Mage Usha	MCA	Rate Control Logic to Handle and Test "THE ASK LOAD SPIKES" on an overloaded Cloud System.	nil	nil	nil

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49	Dr.Lakshmi B L	MBA	A study on assessment of relationship among corporate social Responsibility practices, Organisational Culture and ethics in Retail industry of Bangalore	Nil	Nil	Nil
50	Dr.Padma Rao	MBA	A study on emotional intelligence and its relationship with conflict management	Nil	Nil	Nil
51	Dr. Lakshminarayana K S	MBA	A study , Analysis and optimisation of integrated reliability model for Redundant system	Nil	Nil	Nil
52	Dr. Nagarajan G	MBA	A study on development of Non - Farm sector in Rural areas	Nil	Nil	Nil
53	Dr. Parmeshwaraiah P	MBA	A study on job satisfaction among the doctors working in government hospitals and private hospitals in Karnataka - A comparative study	Nil	Nil	Nil


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