SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

List of Research Scholars for the Academic Year 2020-21

Name of the Faculty Member (Guide)	Designation	Name(s) of the Scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. P.Kodanda Rama Rao	Professor	Mr.T. Ankamma Rao	September 2019	Experimental Study on High Performance Concrete with light weight Aggregates
		Mr.Y Sombabu	September 2019	Approach For Distinctive Evaluation Towards Structural Health Monitoring Under Different Environmental Conditions
		Mr A. Anurag	September 2019	Effect of Solids in Mixing Water on Properties of Cement Water
Dr A. Sreenivasulu	Professor	Mrs.N Tejaswini	September 2019	Strengthen Durability Studies on High Strength Concrete Exposed to Elevated Temperatures
Dr.M.SivaKumar	Professor	D. SrinivasaRao	2012	Design And Development Of Robust Controller For Higher Order Interval Systems-Some New Aspects
		N. Vijayanand	2012	Development of model order reduction techniques for systems with parametric uncertainity using evolutionary algorithms
		B. Dasu	2012	Development & application of heuristic algorithms to large scale modeling for root sensitivity analysis
		A.Ramesh	2012	A novel multilevel inverter for renewable energy applications
		G.Vasu	2013	Development of new model order reduction techniques & controller design using evolutionary algorithms
		G. Balaji	2014	Flux weakening techniques of permanent magnet machines
		N.V. Bharadwaj	2014	Cascaded multilevel inverters for medium power applications
		V.PardhaSaradhi	2015	A Novel Evolutionary Based Algorithm for the Reduction of Large Scale Interval Systems
		Y.VijayaPrasant	2015	An Improved Control Strategy to Reduce Circulating Current and Improve Power Sharing in Bi-Directional Power Converters of Hybrid AC/DC Microgrid

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Dr.L.Ravi Srinivas	Professor	A. Amarendra	2012	Enhancemnet of power system security using meta-heuristic techniques
		B. Mahesh Babu	2012	Enhancement of power quality through artificial/soft computing techniques
		V. Aparna	2012	Metaheuristic optimization algorithms based Load Frequency Control in interconnected power systems
		M,.Ramu	2012	Development and application of metaheuristic optimization algorithms to unit commitment
		Y. BhanuChander	2015	Solution of multi-objective optimal power flow problem using modern heuristic optimization algorithms incorporating FACTS Devices
		K. Bhavya	2014	Power quality enhancement in distribution systems containing distributed energy resources
		Ch.Trinayani	2015	Design of speed controller for variable speed applications of BLDC motor using Metahueristic algorithms
		P.BalaKoteswara Rao	2019	Power Quality Improvement
Dr. P. RAVINDRA BABU	Professor	Mr.N. S. Srinivas Pattapagalu	January,2015	Development and Characterization of Aluminium Based Functionally Graded Materials
		Mr. T. Nagaraju	October,2019	Metal Matrix Composites
		Mr. A. Rajesh	October,2019	Metal Matrix Composites
Dr.M.R.CH.SASTRY	Professor	Mr. B.V.S. Raghu Vamsi	December,2018	Jet Impingement Heat Transfer
		Mr. R. Jithendra Kumar	December,2018	Jet Impingement
		Mr. N. Premdasu	December,2018	Catalytic Pyrolysis Of Waste Plastic
Dr. A. JAWAHAR BABU	Professor	Mr. Kiran Babu Battula	January,2015	Friction Stir Processed ZE41 Mg Alloy: Optimizing Process Parameters and Investigation of An Mechanical Behaviour and Biodegradation
		Mr. S.Sridhar	January,2015	Decision Support System For Jobshop Scheduling
		Mr. Abdul Arif	September,2020	Industrial Manufacturing by using soft computing tools
Dr. K. SYAM SUNDAR	Professor	Mr. D. Tarun	December,2018	Characterization Study Of Natural Fiber Reinforcement Composites For Automobile Applications
Dr. J A RANGA BABU	Associate Professor	Mr. G.E.V. Ratna Kumar	October,2019	Evaluation of Mechanical Properties Of Green Flyash Based Metal Matrix Composites
		Mr.P.Ravi Kumar	September,2020	Design and Develop 3-D Printed Model For Bio-Medical Application

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Dr.M.Kamaraju Professor & Mentor	Professor	Mr.V.Prasanth	2013-14	Dynamic Power Optimization and Modeling of Logic architecture for FPGA
		Mrs.T.Venkata Lakshmi	2014-15	Memory design using FINFET technology
		Mr.N.Sambamurthy	2014-15	Design and Analysis of computational intelligence based architecture for real time environment
		Mr. P. Buchibabu	2014-15	Low Power VLSI Design
		Mr.Y. Sri Chakrapani	2014-15	Design of Low Power SoC based portable device for virtually impaired
		Mr. B. R. B. Jaswanth	2014-15	Desing and Performance issues of 0.18μm CMOS OTA in biomedical applications(ECG)
		Mr. B. Rajasekhar	Awarded in 2020	Implementation and analysis of emotion recognition system for speech signals
		Mrs. T. Subhashini	2015-16	Low Power VLSI Design
		Mrs.P.Indira	Awarded in 2020	Low Power VLSI Design
		Ms.B.Lakshmi Gayathri	2015-16	Low Power VLSI Design
		Mr.K.Yugandhar	2019-20	VLSI Signal Processing
		Mrs.V.Priyadarshini	2020-21	Low Power VLSI
Dr. V. V. K. D. V. Prasad Professor & Head	Professor	Mr. Ch. Rambabu	2013-14	Wireless Communications
		Mr. M. V. Srikanth	2013-14	Image Processing
		Mr. B. R. B. Jaswanth	2014-15	Design and Performance issues of 0.18μm CMOS OTA in biomedical applications(ECG)
		Mr. M. Damodhar Rao	2015-16	Low Power VLSI
		Mr. K.V.S.Nagaraju	2014-15	Low Power VLSI
		Mrs. B. Naga Sirisha	2015-16	Signal Processing
		Mr. M. Nagu	2015-16	Satellite Image Segmentation
		Mr.P.Rama Krishna	2018-19	Image Processing
		Mr.K.Srinivas	2018-19	Image Processing
		Mr.A.Murali Krishna	2020-21	Image Processing
Dr.K.N.Prakash, Professor	Professor	Mr. S. Srinivasa Reddy	Awarded in 2020	Medical Image Processing
		Mr. B. Suresh	2015-16	Liveness Detection
		Mrs. D. Naga Devi	2015-16	Medical Image Retrieval
Dr. Y. Syamala Associate Professor	Associate Professor	Mr. E. Vijaya Babu	2015-16	Low Power VLSI Design
		Miss. Pavitra Modi	2018-19	Low Power VLSI Design
		Mrs.V.Sree Lakshmi	2020-21	VLSI

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Dr.Ch.Bala Swamy Professor	Professor	J. Ravi Chander	Awarded in 2017	An efficient implementation of localization algorithms for wireless sensor nertworks
		V. Jai Kumar	2012-13	Security attacks in mobile Ad hoc Networks
		K.C.K.Naik	2013-14	Life time enhancement in mobile adhoc networks
		Mr.Venkata Rao	2015-16	Clustering and compressive representation in Wireless sensor networks
		Ms. Amruthavalli	2015-16	Mobile adhoc networks
Dr.Y.Rama Krishna Professor	Professor	Mr.B.Ajay Kumar	2020-21	Antennas for 5G
Dr. G.V.S.N.R.V. Prasad	Professor	Dr. Y.Adilakshmi	September 2014	Ensembling of Machine Learning and Swarm Intelligence Techniques to Improve Trust Level, Efficiency and Reliability of Cooperative Monitoring System to Detect Intrusions in Mobile Ad Hoc Networks
		Mrs. N. Rajeswari	November 2013	Data Mining
		Mrs. G. Bharathi	November 2013	Big Data
		Ms. S. Vineela Krishna	September 2014	Big Data
		Mrs. G. Keerthi,	February 2020	Data Mining
Dr.M.BabuRao	Professor	Mr. K. Bhaskar,	March 2016	Big Data
		Mr. M. Nagaraju,	March 2016	Image Processing
		Ms. P. Ramya	October 2019	Big Data with IoT
		Mrs. S. RagaDeepthi	September 2020	Image Processing
		Mrs. A.Koteswaramma,	September 2020	Image Processing
Dr. S. Narayana	Professor	Mr. B. Srinivasu Kumar	August 2018	Wireless Sensor Networks
		Mr.B.Krishna Manash Enturi	August 2018	Wireless Sensor Networks
		Mr. J. Karthik	March 2018	Data Mining
		Mr. K. Ashok Reddy	December 2018	Data Mining
		Mr. P. Rajendra Kumar	August 2018	Machine Learning
		Mrs. J. Lakshmi Alekhya	February 2020	Image Processing
Dr. A. Jagadeeswara Rao	Associate Professor	Mrs. T. Bala Krishna	September 2020	Data Mining
Dr.T.Srinivasarao	Associate Professor	M.Prasanna Kumari	July 2019	A lightweight hybrid scheme for security of big data
		Sarika swapnil Kadam	July 2019	Enhancing Transparency and traceabilityon the Manufacturing Supply Chain
		Deepika Radke	July 2019	Security in IOT using Block Chain
		G Chandan	June 2019	Network Security
Dr.G.Sridevi	Associate Professor	Angara S V Jayasri,	June 2017	An Extensive Risk_x005f Mitigating Framework for continuous testing using Devops
		Ms. K.Vidya	June 2017	Software Engineering

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Dr. M. V. L. N. Raja Rao	Professor	A.V.R. Mayuri	October 2010	Development and Design of Qos aware cooperative spectrum sensing strategies for wireless mesh networks
Dr. Ch. Kavitha	Professor	Sri T. NARENDRA BABU	2015	Efficient Data Security Through Visual Security and Stegnography Schemes
		Mrs. A. APARNA	October 2019	Stage-wise identification of Alzeimer's disease using MRI scans and fuzzy neuro network for accurate diagnosis