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J N N College of Engineering, Shivamogga

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Department of Electronics & Communication Engineering

Sl. No.	USN	Name of the Research Scholar	University & Year of Registration	Title of Research	Gender	Category	Supervisor	Registered for	Status	
1	4JN05PEN01	KRUPA RANJEET RASANE KLES'COE&T, Belgaum	VTU/2005	Design and development of efficient & fast hardware full search vector quantization encoder for image compression in real time applications	Female	GM	Dr. R. Srinivasa Rao Kunte	Ph.D.	Completed on 22/04/2014	External
2	4JN05MEN01	SHASHIKIRAN S AP, Dept of TCE, JNNCE, Shimoga	VTU/2005	A Novel on-line Hand Written Hindi Character Recognition System	Male	GM	Dr. R. Srinivasa Rao Kunte	M.Sc. (Engg.)	Completed on 18/04/2011	Inhouse
3	4JN10PEN01	NATARAJ A. VIJAPUR KLES' COE&T, Belgaum	VTU/2010	Efficient Glaucoma detection system based on image processing techniques	Male	GM	Dr. R. Srinivasa Rao Kunte	Ph.D.	Completed on 03/07/20'17	External
4	4JN13PEN02	MOHAN NAIK AP, E&C Dept. SDMIT, Ujire	VTU/2013	Key Management and Access Control Mechanism in Cloud Computing	Male	SC/ST	Dr. S. V. Sathyanarayana	Ph.D.	Completed on 25/2/2022	External
5	4JN13PEN04	RAJASHEKHAR K AP, E&C Dept., GMIT, Davangere	VTU/2013	Adaptive Compressive Sensing techniques for Biomedical data compression in wireless Body Area Network	Male	GM	Dr. P. Manjunatha	Ph.D.	Completed on 27/11/2021	External
6	4JN13PEN01	DEEPA V B Asst. Prof., ISE Dept., JNNCE, Shimoga	VTU/2013	Effective adaptation of fuzzy controller for congestion control in multicast for wireless networks	Female	GM	Dr. Ushadevi M. B.	Ph.D.	Completed on 10/03/2022	Inhouse
7	4JN13PEN03	CHETAN L S AP, E&C Dept., PESIT&M, Shimoga	VTU/2013	Spatial correlation based image compression and image enhancement in wireless multimedia sensor network	Male	GM	Dr. P. Manjunatha	Ph.D.	Completed on 03/04/2021	External

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Sl. No.	USN	Name of the Research Scholar	University & Year of Registration	Title of Research	Gender	Category	Supervisor	Registered for	Status	
8	4JN15PEJ03	SHEELA S AP, E&C Dept., JNNCE, Shimoga	VTU/2015	Generation and Study of Chaos based Binary Sequences and their Applications in Cryptography	Female	GM	Dr. S. V. Sathyanarayana	Ph.D.	Completed on 24/02/2023	Inhouse
9	4JN15PEJ04	KIRAN KUMAR G H AP, E&C Dept., BIET, Davanagere	VTU/2015	Design and development of an optimized and multi-signal Wireless Body Area Network for real time health monitoring	Male	GM	Dr. P. Manjunatha	Ph.D.	Completed on 24/02/2023	External
10	4JN15PEJ12	PREMA K N Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2015	Design and Implementaion of Efficient Scalable Routing Protocols for Wireless Mesh Networks under Diversified Network Scenario and Traffic Load	Female	GM	Dr. Ushadevi M B	Ph.D.	Comprehensive viva completed	Inhouse
11	4JN16PEJ01	SUNIL M. D. Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2016	Cluster based reliable data fusion for WSN using probabilistic approach	Male	GM	Dr. P. Manjunatha	Ph.D.	Course work completed	Inhouse
12	4JN16PEJ02	SHARATH S M Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2016	Game theoretic and artificial intelligence techniques for security in WSN	Male	GM	Dr. P. Manjunatha	Ph.D.	Comprehensive viva completed	Inhouse
13	4JN16PEJ03	SHWETHA B Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2016	Study and investigation of Novel techniques for image and video forgery detection	Female	GM	Dr. S. V. Sathyanarayana	Ph.D.	Comprehensive viva completed	Inhouse
14	4JN16PEJ07	VISHNU V M Asst. Prof., E&C Dept., PESIT&M, Shimoga	VTU/2016	Virtualization of Wireless sensor networks with efficient data transmission and design of signaling frame work to support quality of service	Male	GM	Dr. P. Manjunatha	Ph.D.	Completed on 24/02/2023	External

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15	4JN16PEJ08	SOUMYA T K AP, E&C Dept. SDMIT, Ujire	VTU/2016	Generation and study of Random sequence of Elliptic curve points over finite rings and there application in Cryptography	Female	SC/ST	Dr. S. V. Sathyanarayana	Ph.D.	Comprehensive viva completed	External
16	4JN17PEA04	PRASHANTH G S Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2017	Energy efficient routing protocol and optimal routing based reliability studies in heterogeneous wireless sensor network	Male	SC/ST	Dr. P. Manjunatha	Ph.D.	Comprehensive viva completed	Inhouse
17	4JN18PEC01	ANIL KUMAR J Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2018	Reliable and Energy Efficient Routing Protocol for WSN with Mobile Sinks	Male	SC/ST	Dr. P. Manjunatha	Ph.D.	Comprehensive viva completed	Inhouse
18	4JN18PEC02	SUMATHI K Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2018	A Novel Approach Towards Scene Recognition using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Comprehensive viva completed	Inhouse
19	4JN19PEC03	ROOPA B S Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2019	A Novel Approach Towards Alignment of 3D Point cloud using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Comprehensive viva completed	Inhouse
20	4JN19PEC02	UJWALA B S Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2019	A Novel Approach towards Optical Character Recognition using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Comprehensive viva completed	Inhouse
21	4JN19PEC01	PRADEEP S C Asst. Prof., E&C Dept., JNNCE, Shimoga	VTU/2019	Reliable and Efficient Manti Sensor Data Fusion in WSN's using Fuzzy Logic	Male	GM	Dr. Ushadevi M.B	Ph.D.	Course work completed	Inhouse

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22	4JN20PEC01	M P BENAK PATEL Asst. Prof., E&T Dept., JNNCE, Shimoga	VTU/2021	IPv6 Low-Power Wireless Personal Area Network (6LoWPAN) Selective Fragment Recovery	Male	GM	Dr. P. Manjunatha	Ph.D.	Course work completed	Inhouse
23	4JN21PE01	DARSHAN KV Asst. Prof., ECE Dept., JNNCE, Shimoga	VTU/2023	Novel Approaches in Multimedia Selective Encryption	Male	GM	Dr. S. V. Sathyanaray ana	Ph.D.	Provisional registration	Inhouse
24	4JN21PE02	HARISH TS Asst. Prof., ECE Dept., JNNCE, Shimoga	VTU/2023	Computer Vision and Rendering Approaches for Butterfly Species Recognition	Male	GM	Dr. P. Manjunatha	Ph.D.	Provisional registration	Inhouse
25	4JN21PE03	SHARATH NC Global Axis, B&C Block Whitefield, KIADB Export Promotion Industrial Area, Bengaluru, Karnataka 560066	VTU/2023	Lung Cancer Detection using Machine Learning and Advanced Image Techniques	Male	SC/ST	Dr. S Pramod Kumar	Ph.D.	Provisional registration	External
26	4JN21PE04	SMITHA SM Asst. Prof., ECE Dept., JNNCE, Shimoga	VTU/2023	Multimodal Biometric Authentication System using Deep Learning Method	Female	GM	Dr. S Pramod Kumar	Ph.D.	Provisional registration	Inhouse