



National Education Society (R.)
Jawaharlal Nehru New College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B', UG
programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 01.07.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



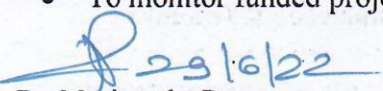
Research Committee

R&D is an important activity in any institute of higher learning. To encourage faculty and students level and channelize the process in a proper manner, following research committee is formed:


#	Name	Role	Department	Designation
1.	Dr. Manjunatha P	Chairman	ECE	Dean Academics
2.	Dr. Nirmala Shivanand	Coordinator	CSE	Professor
3.	Dr. Jalesh Kumar	Member	CSE	Professor (IQAC-Coordinator)
4.	Dr. Manjula G R	Member	CSE	Professor
5.	Dr. Karthika. B. S	Member	CIVIL	Professor & Head
6.	Dr. H B Suresh	Member	EEE	Professor
7.	Dr. Ashwini J P	Member	AIML	Associate Professor
8.	Dr. Pavan Kumar M P	Member	ISE	Associate Professor
9.	Dr. Pramod Kumar S	Member	ECE	Associate Professor
10.	Dr. Amith Kumar. S. J	Member	MECH	Assistant Professor
11.	Dr. Vikrama D. K	Member	MBA	Assistant Professor
12.	Dr. Hemanth Kumar	Member	MCA	Assistant Professor
13.	Dr. Rajprakash H G	Member	Physics	Associate Professor
14.	Dr. Sachin H P	Member	Chemistry	Associate Professor
15.	Dr. Gurupadavva Ingalahalli	Co-Coordinator	Mathematics	Assistant Professor

Roles and responsibilities

- To identify field of research.
- To update the faculty on circulars issued by AICTE, UGC, MHRD, DST, DRDO etc., on research funding and proposals.
- To explore the possibility for getting patents.
- To encourage young researchers to publish papers in referred reputed indexed journals
- Updating research scholars details of each department with university approved orders
- Details of the fee paid to the research center (outside scholars)
- All the activities related to research center should be routed through coordinator R&D and Dean Academics to the Principal approval.
- Research related presentations shall be scheduled with the prior permission of the coordinator and shall be arranged in AD block meeting hall.
- Those who are applying for Ph.D. program, the application shall be forwarded to Principal/Dean Academics through coordinator.
- To plan proposals for getting funds from funding agencies towards Research projects.
- To monitor funded projects until its successful implementation.


Dr. Manjunatha P
Dean Academics

Professor & Dean (Academics)
J N N College of Engineering,
Shivamogga


Dr. K. Nagendra Prasad
Principal
Jawaharlal Nehru New
College of Engineering (JN NCE)
Shivamogga



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Department of Electronics & Communication Engineering

Research Centre

Research Scholars Ph.D./M.Sc(Engg.) under E&C dept.

Year wise details

Year	Ph.D. Registered		Ph.D. Completed		M.Sc.(Engg.) Registered	M.Sc.(Engg.) Completed
	Inhouse	External	Inhouse	External	Inhouse	Inhouse
2005		1 [4JN05PEN01]			1 [4JN05MEN01]	
2010		1 [4JN10PEN01]				
2011						1 [4JN05MEN01]
2013	1 [4JN13PEN01]	3 [4JN13PEN02, 4JN13PEN03, 4JN13PEN04]				
2014				1 [4JN05PEN01]		
2015	2 [4JN15PEJ03, 4JN15PEJ12]	1 [4JN15PEJ04]				
2016	3 [4JN16PEJ01, 4JN16PEJ02, 4JN16PEJ03]	2 [4JN16PEJ08, 4JN16PEJ07]				
2017	1 [4JN17PEA04]			1 [4JN10PEN01]		
2018	2 [4JN18PEC01, 4JN18PEC02]					
2019	3 [4JN19PEC01, 4JN19PEC03, 4JN19PEC02]					
2020	1 [4JN20PEC01]					
2021				2 [4JN13PEN04, 4JN13PEN03]		
2022			1 [4JN13PEN01]	2 [4JN13PEN02, 4JN15PEJ04]		
Total	13	8	1	6	1	1

Summary

Ph.D. Registered	Inhouse	12	14
	External	2	
Ph.D. Completed	Inhouse	1	7
	External	6	
M.Sc.(Engg.) Registered	Inhouse	0	0
M.Sc.(Engg.) Completed	Inhouse	1	1
Total Research Scholars			22

[Signature]
9.7.22
Head of the Department
Electronics and Communication
J N N College of Engineering
SHIVMOGGA-577 304.

J N N College of Engineering, Shivamogga
Department of Electronics and Communication Engineering

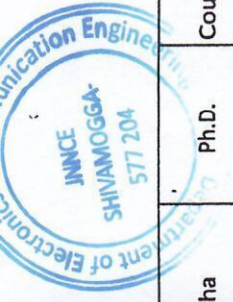


Research Centre


Total Research Scholars: Ph.D. Registered- 14, Completed- 07
 M.Sc.(Engg.) Registered- 00, Completed- 01

List of Research Scholars Ph.D./M.Sc(Engg.) under E&C dept.

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, Belgaur	VTU/2005	Design and development of efficient & fast hardware full search vector quantization encoder for image compression in real time	Female	GM	Dr. R. Srinivasa Rao Kunte	Ph.D.	Completed on 22/04/2014
2	4JN05MEN01	SHASHIKIRAN S AP, Dept of TCE, JNCE, 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
3	4JN10PEN01	NATARAJ A. VIJAPUR KLES' COE&T, Belgaur	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
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
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
6	4JN13PEN01	DEEPA V B Asst. Prof., ISE Dept., JNCE, 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
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
8	4JN15PEI03	SHEELA S AP, E&C Dept., JNCE, Shimoga	VTU/2015	Generation and Study of Chaos based Binary Sequences and their Applications in Cryptography	Female	GM	Dr. S. V. Sathyanarayana	Ph.D.	Writing thesis
9	4JN15PEI04	KIRAN KUMAR G H AP, E&C Dept., BIET, Davangere	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.	Final Viva voce Completed on 17/06/2022
10	4JN15PEI12	PREMA K N Asst. Prof., E&C Dept., JNCE, Shimoga	VTU/2015	Design and Implementation of Efficient Scalable Routing Protocols for Wireless Mesh Networks under Diversified Network Scenario and Traffic	Female	GM	Dr. Ushadevi M B	Ph.D.	Comprehensive viva completed



11	4JN16PEI01	SUNIL M. D. Asst. Prof., E&C Dept., JNICE, Shimoga	VTU/2016	Cluster based reliable data fusion for WSN using probabilistic approach	Male	GM	Dr. P. Manjunatha	Ph.D.	Course work completed
12	4JN16PEI02	SHARATH S M Asst. Prof., E&C Dept., JNICE, Shimoga	VTU/2016	Game theoretic and artificial intelligence techniques for security in WSN	Male	GM	Dr. P. Manjunatha	Ph.D.	Comprehensive viva completed
13	4JN16PEI03	SHWETHA B Asst. Prof., E&C Dept., JNICE, 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
14	4JN16PEI07	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	Male	GM	Dr. P. Manjunatha	Ph.D.	Comprehensive viva completed
15	4JN16PEI08	SOUNMYA 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
16	4JN17PEA04	PRASHANTH G S Asst. Prof., E&C Dept.,	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
18	4JN18PECO1	ANIL KUMAR J Asst. Prof., E&C Dept.,	VTU/2018	Reliable and Energy Efficient Routing Protocol for WSN with Mobile Sinks	Male	SC/ST	Dr. P. Manjunatha	Ph.D.	Course work Completed
19	4JN18PECO2	SUMATHI K Asst. Prof., E&C Dept.,	VTU/2018	A Novel Approach Towards Scene Recognition using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Course work completed
19	4JN19PECO3	ROOPA B S Asst. Prof., E&C Dept.,	VTU/2019	A Novel Approach Towards Alignment of 3D Point cloud using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Course work completed
20	4JN19PECO2	UJWALA B S Asst. Prof., E&C Dept.,	VTU/2019	A Novel Approach towards Optical Character Recognition using Deep Learning	Female	GM	Dr. S Pramod Kumar	Ph.D.	Course work completed
20	4JN19PECO1	PRADEEP S C Asst. Prof., E&C Dept.,	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
22	4JN20PECO1	M P BENAK PATEL Asst. Prof., E&T Dept.,	VTU/2020	IPv6 Low-Power Wireless Personal Area Network (6LoWPAN) Selective Fragment Recovery	Male	GM	Dr. P. Manjunatha	Ph.D.	Writing Course work


 Head of the Department
 Electronics and Communication
 J.N.N. College of Engineering
 SHIMOGA-577 204.

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(“ವಿಜಯ ಅಧಿನಿಯಮ ೧೯೯೪” ರ ಅಡಿಯಲ್ಲಿ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
“ಜ್ಞಾನ ಸಂಗಮ”, ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

“Jnana Sangama” Belagavi-590018, Karnataka, India

REGISTRAR

VTU/BGM/Aca/Ph.D./2020-21/ ೪೪

Phone: (0831) 2498100

Fax : (0831) 2405467

Date: 8 APR 2022

CIRCULAR

Sub: Constitution of Research Advisory Committee reg...

Ref: VTU Regulations (Ph.D.) / M. S. (Research) - 2020.

As per reference to the above subject, the Research Advisory Committee is to be constituted for the Scholars Who have registered for Ph.D.(Part-Time/Full Time) / M.S.(Research) Program, as per the Regulation Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S.(Research) Amended 2020. The Research Advisory Committee to be constituted for each Scholar shall have members having Ph.D. Degree in the relevant field, and should be working in the cadres Associate Professor / Professor or equivalent.

Principal of the College under VTU/ Chairperson of the University Department/Director, Principal or Dean of Architecture College or School / Head or in charge Person of the Research Center located at State, Central, Private, Corporate Organizations/ Research laboratories/ Research Organizations/ Research Institutions shall ensure the submission of proposed names for each scholar in the prescribed format online through the portal <https://jnanashodha.vtu.ac.in> under “Research Advisory Committee”. The names for the Research Advisory Committee has to proposed by the Research Supervisor and approved by the Principal of the College under VTU/ Chairperson of the University Department/Director, Principal or Dean of Architecture College or School / Head or in charge Person for submitting to the Univesity. The detailed procedure is available in the “user manual” on the portal. The portal will be open for nominating Research Advisory Committee from 05:30P.M.on 08-04-2022 to 05:30P.M.on 18-04-2022.

The contents of this notification may be brought to the notice of all the concerned

REGISTRAR

To,

1. The Principal of all Engineering, Autonomous, Constituent College under the ambit of VTU, Belagavi.
2. All Chairpersons of Department VTU Belagavi.
3. The Heads of Recognized Research Centers of VTU.
4. The Regional Director (I/c), of VTU's Regional Office at Bengaluru, Belagavi, Kalaburagi, and Mysuru.
5. The Director (I/c), ITISMU VTU, Belagavi for information and uploading on a website.

Copy to:

1. The Hon'ble Vice-Chancellor, through the Secretary to VC, VTU, Belagavi.
2. The Registrar Officer, VTU, Belagavi for information.
3. The Registrar (Evaluation) Officer, VTU, Belagavi for information.
4. Office Copy.

DEPARTMENT OF MECHANICAL ENGINEERING

J N N College Of Engineering, Shivamogga

List of research Scholars who received Ph.D Degree during the assessment period

Sl. NO	Name of the Research Scholar	Guide name	Specialization	University	Year of Award
1.	Mr.Manjunatha Chary G H	Dr K.Sabeel Ahmed, JNNCE,Shivamogga	Composite Materials	VTU, Belagavi	2020
2	Mr.Santosh U	Dr.L.K.Sripathi, JNNCE,Shivamogga	Thermal Engineering	VTU, Belagavi	2020

List of research Scholars Pursuing Ph.D Degree during the assessment period

Sl. NO	Name of the Research Scholar	Guide name	Specialization	University
1	Mr.Shri Krishna Badiger	Dr.D.S.Ramakrishna	Design	VTU
2	Mr.Ravinarayana R Rao	Dr.D.S.Ramakrishna	Inverse FEM	VTU
3	Mrs.Avilasha B G	Dr.D.S.Ramakrishna	Topology OPTimization	VTU
4	Mr Pradeep N B	Dr. M M Rajath Hegde	Nano Metalurgy	VTU
5	Mr.Gurumurthy M	Dr.D.S.Ramakrishna	Design of Machine members	VTU
6	Syed Sha Khalid	Dr.K.Sabeel Ahmed	Composite Materials	VTU
7	Mallikarjuna G B	Dr.E.Basavaraj	Metal Matrix Composites	VTU
8	Sunil H V	Dr.E.Basavaraj	Tribology of Composites	VTU
9	Koushik P K	Dr. Dr.E.Basavaraj	Tribology of Composites	VTU
10	Ganesh U L	Dr. H Raghavendra	Material Science	VTU
11	Shanthi Kiran M	Dr. H Raghavendra	Nano materials	VTU
12	Naveen M R	Dr S J Amith Kumar	Composite Materials	VTU

E. Basavaraj

Head of the Department

Mechanical Engineering

PROFESSOR & HEAD


Dept. of Mechanical Engineering

J. N. N. College of Engineering

SHIMOGA - 577 204

Details of Research Scholars

Sl.No.	Name of the Research Scholar	Dept.	Registered for				Status of Completion of		
			Year of Registration	Ph.D.	M.Sc. (Engg.) by Research	Course work[Y/N]	Comprehensive Viva-Voce [Y/No]	Submitted Final Thesis [Y/N]	
01.	RAMESH S R	CIVIL	2004	Ph.D.	--	Y	Y	N	
02.	B H MANJUNATH	CIVIL	2009	Ph.D.	--	Y	Y	Y	
03.	UMESH VEERANNA THUPPADA	CIVIL	2010	Ph.D.	--	Y	N	N	
04.	M. N. SHIVAKUMAR	CIVIL	2011	Ph.D.	--	Y	Y	Y	
05.	UMESH S S	CIVIL	2011	Ph.D.	--	Y	Y	Y	
06.	ANAND	CIVIL	2012	Ph.D.	--	Y	Y	Y	
07.	MANJUNATH	CIVIL	2012	Ph.D.	--	Y	N	N	
08.	N.M.PATIL	CIVIL	2013	Ph.D.	--	Y	N	N	
09.	UMAPATHI	CIVIL	2013	Ph.D.	--	Y	Y	Y	
10.	NAYEEM SUTAR	CIVIL	2013	Ph.D.	--	N	N	N	
11.	DEEPAK GUNJAGI	CIVIL	2013	Ph.D.	--	N	N	N	
12.	VINAY A	CIVIL	2014	Ph.D.	--	Y	Y	Y	
13.	SHASHIKUMAR N V	CIVIL	2014	Ph.D.	--	Y	Y	N	


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14.	NEERAJ S. N.	CIVIL	2015	Ph.D.	--	Y	Y	Y	Y
15.	VIJAYA B: G.	CIVIL	2015	Ph.D.	--	Y	Y	Y	Y
16.	ASHWINI B. T.	CIVIL	2015	Ph.D.	--	Y	Y	Y	N
17.	AMOL BALASAHEB PATIL	CIVIL	2015	Ph.D.	--	Y	Y	N	N
18.	RAVIKUMAR R	CIVIL	2017	Ph.D.	--	N	N	N	N
19.	PRASHANTH DHARMSPUR	CIVIL	2017	Ph.D.	--	N	N	N	N
20.	PAVAN KUMAR M	CIVIL	2017	Ph.D.	--	N	N	N	N
21	RABINANDAN J.	CIVIL	2018	Ph.D.	--	N	N	N	N
22	RAVIKUMAR R	CIVIL	2018	Ph.D.	--	N	N	N	N
23	PRASHANTH D	CIVIL	2018	Ph.D.	--	N	N	N	N

Ph.D. Scholars Submitted final Thesis:

Sl.No.	Name of the Research Scholar	USN	Thesis Submitted Month & Year
1	UMAPATHI	4JN13PCN01	9 FEB 2022
2	NEERAJ S. N	4JN16PCJ01	17 JUNE 2022

V. S. S. S.

Professor & Head

Department of Civil Engineering

J.N.N. College of Engineering.

Shiyamogga-577 204

Details of Research Supervisors

Sl.No.	Name of the Research Supervisor	Name of the University from which Ph.D is awarded	Year of Award	Specialization	Department	No. of Candidates Registered for		Status of Completion		
						Ph.D.	M.Sc. (Engg.)	No. of Candidates completed Course Work	No. of Candidates completed Comprehensive Viva-Voce	No. of Candidates completed Submitted Final Thesis
1	Dr. A. V. Pradeep Kumar	Bangalore university	1997	Geotechnical Engineering	CIVIL	6	NIL	6	3	NIL
2	Dr. Rajendra Khatawkar	Kuvempu University	2010	Transportation Engineering	CIVIL	7	NIL	3	3	2
3	Dr. B. M. Gangadharappa	Kuvempu University	2010	Industrial structures	CIVIL	7	NIL	2	2	NIL
4	Dr. Karthika.B.S	NITK Suratkal	2016	Remote Sensing and GIS, Soft computing in civil engineering	CIVIL	1	NIL	NIL	NIL	NIL

Scarlett


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 Department of Civil Engineering,
 J.N.N. College of Engineering,
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Ph.D. Awarded Research scholar:

Sl.No.	Name of the Research Scholar	USN	Ph.D. Awarded year
1	UMESH S S	4JN11PCN01	2020-21
2	VIJAYA B. G.	4JN16PCJ03	2021-22
3	VINAY A	4JN15PCJ02	2021-22


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