

JNNCE-ECE Faculty Publications

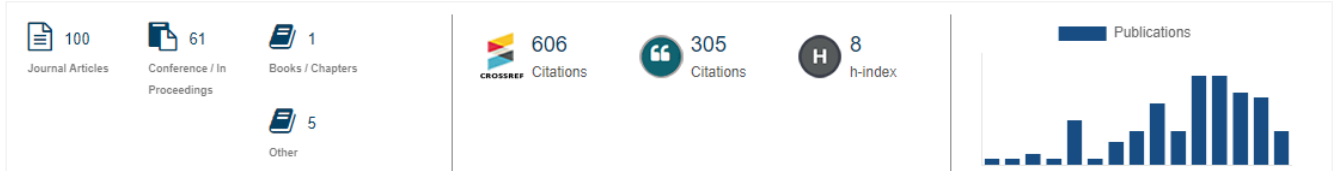
IRINS JNNCE-ECE



Jawaharlal Nehru National College of Engineering
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Electronics and Communication Engineering



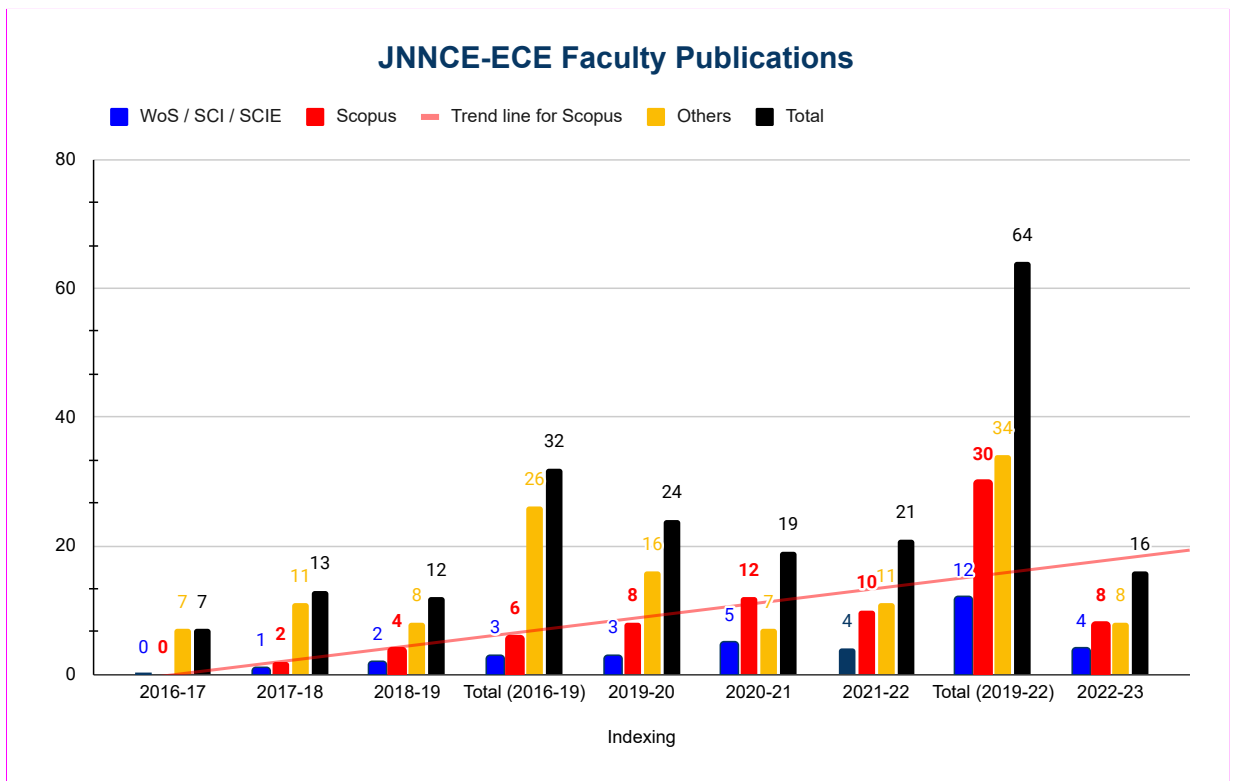
Faculty Publications	2016-17	2017-18	2018-19	Total (2016-19)	2019-20	2020-21	2021-22	Total (2019-22)	2022-23
	7	13	12	32	24	19	21	64	16

Indexing	2016-17	2017-18	2018-19	Total (2016-19)	2019-20	2020-21	2021-22	Total (2019-22)	2022-23
WoS / SCI / SCIE	0	1	2	3	3	5	4	12	4
Scopus	0	2	4	6	8	12	10	30	8
Others	7	11	8	26	16	7	11	34	8

	Highest	Lowest
Impact Factor	2.333	0.28
CiteScore	5	0.1

*Quality research recommended

*Indexed Journals are increasing



NAME OF THE FACULTY	2022-23				2021-22				2020-21				2019-20			
	SCI / SCIE / WoS	Scopus	Others	Total	SCI / SCIE / WoS	Scopus	Others	Total	SCI / SCIE / WoS	Scopus	Others	Total	SCI / SCIE / WoS	Scopus	Others	Total
Dr. MANJUNATH P	0	1	0	1	0	2	1	3	0	0	1	1	0	0	3	6
Dr. SATHYANARAYANA S V	0	0	0	0	1	1	2	3	1	4	0	4	0	1	1	2
Dr. SHETTY PRAMOD KUMAR	1	1	0	1	2	2	0	2	3	5	2	7	3	3	0	3
SUNIL M D	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0
UJWALA B S	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1
NALINA S B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
AJAY BETUR P	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1
SHARATH S M	1	2	0	2	0	1	1	2	0	0	0	0	0	0	0	0
ANIL KUMAR J	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1	1
SHEELA S	0	0	0	0	1	1	0	1	1	3	0	3	0	0	0	0
PRADEEPA S C	0	0	2	2	0	0	0	0	0	0	1	1	0	0	0	0
ROOPA B S	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PREMA K N	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1
SMITHA S M	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
SUMATHI K	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2
SHWETHA H R	2	3	0	3	0	3	1	4	0	0	0	0	0	0	0	0
PRASHANTH G S	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
SHWETHA B	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
Dr. R. SRINIVASA RAO KUNTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dr. H R MAHADEVASWAMY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2

Total	4	8	7	15	4	10	11	21	5	12	7	19	3	5	16	24
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Sl. No.	Faculty Name	Publication Details	Doi	Published Year	ISSN	Indexing	Impact Factor	CiteScore	Conference Proceedings	Student Publication
1	Dr. MANJUNATH P	S. M. Sharath, P. Manjunatha, H. R. Shwetha "Integration of Heuristics-Based Energy Optimal Clustering Topology, Routing and Transmission Scheduling for Enhancing Lifetime in IoT Networks" SN Computer Science, Springer Nature, Volume 4, Issue 4, April 2023, pp- 1-8. Doi: https://doi.org/10.1007/s42979-023-01755-8	https://doi.org/10.1007/s42979-023-01755-8	2022-23	2661-8907	Scopus	-	4.3		
2	Dr. SHETTY PRAMOD KUMAR	G. S. Nandeesh, M. Nagabushanam, S. Pramodkumar, S. Nandini "Lung parenchyma segmentation and nodule detection using deep learning" Journal of Optics, Springer Nature, April 2023, pp-1-8. Doi: https://doi.org/10.1007/s12596-023-01187-w	https://doi.org/10.1007/s12596-023-01187-w	2022-23	0974-6900	WoS/SCI/SCIE	Scopus	0.34	2.5	
3	UJWALA B S	Ujwala B.S, Sumathi K "A Review Paper on OCR Using Convolutional Neural Networks" International Journal of Engineering Applied Sciences and Technology, Volume 7, Issue 7, pp: 102-106, Nov 2022. Available online: https://jams-jnnce.in/jamsfjournals/713.pdf	https://jams-jnnce.in/jamsfjournals/713.pdf	2022-23	2455-2143	Others	-	-		
4	AJAY BETUR P	Madhusudhan Golla, Veena Kalludi Narasimhaiah, Ajay Betur Puttappa "Insights of 6G and artificial intelligence-based internet-of-vehicle towards communication" IAES International Journal of Artificial Intelligence (IJ-AI), Volume 12, Issue 4, Dec 2023, pp-1521-1533. Doi: https://doi.org/10.11591/ijai.v12.i4.pp1521-1533	https://doi.org/10.11591/ijai.v12.i4.pp1521-1533	2022-23	2252-8938		Scopus	-	3.4	
5	SHARATH S M	H.R. Shwetha, S.M. Sharath, B. Guruprasad, S.B. Rudraswamy "MEMS based metal oxide semiconductor carbon dioxide gas sensor" iero and Nano Engineering, Elsevier, Volume 16, Issue 1, pp-1-11, June 2022. Doi: https://doi.org/10.1016/j.mne.2022.100156	https://doi.org/10.1016/j.mne.2022.100156	2022-23	2590-0072	WoS/SCI/SCIE	Scopus	0.46	5	
6	SHARATH S M	S. M. Sharath, P. Manjunatha, H. R. Shwetha "Integration of Heuristics-Based Energy Optimal Clustering Topology, Routing and Transmission Scheduling for Enhancing Lifetime in IoT Networks" SN Computer Science, Springer Nature, Volume 4, Issue 4, April 2023, pp- 1-8. Doi: https://doi.org/10.1007/s42979-023-01755-8	https://doi.org/10.1007/s42979-023-01755-8	2022-23	2661-8907		Scopus	-	4.3	
7	ABHIJITH N	Pradeepa S C, Abhijith N, Amoghavarsha S G, Kiran C N, Niranjana Jois H C "Ball Balancing PID System using Image Processing", in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10, Issue 8, Aug 2022, pp: 397-406. Doi: https://doi.org/10.22214/ijraset.2022.46190	https://doi.org/10.22214/ijraset.2022.46190	2022-23	2321-9653	Others	-	-		Student Publication
8	ANIL KUMAR J	Anil Kumar J, Wilson Dsouza, Rajat Kumar "Design of CNC Machine Based Laser Engraver with Arduino UNO" in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10, Issue 7, Aug 2022, pp: 569-573. Doi: https://doi.org/10.22214/ijraset.2022.46249	https://doi.org/10.22214/ijraset.2022.46249	2022-23	2321-9653	Others	-	-		Student Publication
9	ANIL KUMAR J	Anil Kumar J, Nikitha K, Shwetha Kulal "Automatic License Plate Recognition Using Image Processing" Volume 6, Issue 2, December 2022, pp-6-12. Doi: https://doi.org/10.37314/JJEM.2022.060202	https://doi.org/10.37314/JJEM.2022.060202	2022-23	2321-9653	Others	-	-		Student Publication
10	PRADEEPA S C	Pradeepa S C, Abhijith N, Amoghavarsha S G, Kiran C N, Niranjana Jois H C "Ball Balancing PID System using Image Processing", in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10, Issue 8, Aug 2022, pp: 397-406. Doi: https://doi.org/10.22214/ijraset.2022.46190	https://doi.org/10.22214/ijraset.2022.46190	2022-23	2321-9653	Others	-	-		Student Publication
11	PRADEEPA S C	Pradeepa S C, Gowri G Bennur, Hruthika G, Adithya M, Acharya Vinay Vasudeva "Design and VLSI Implementation of Vedic Multiplier using 45nm Technology", in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 11, Issue 5, May 2023, pp: 964-968. Doi: https://doi.org/10.22214/ijraset.2023.51676	https://doi.org/10.22214/ijraset.2023.51676	2022-23	2321-9653	Others	-	-		Student Publication
12	SUMATHI K	Ujwala B.S, Sumathi K "A Review Paper on OCR Using Convolutional Neural Networks" International Journal of Engineering Applied Sciences and Technology, Volume 7, Issue 7, pp: 102-106, Nov 2022. Available online: https://jams-jnnce.in/jamsfjournals/713.pdf	https://jams-jnnce.in/jamsfjournals/713.pdf	2022-23	2455-2143	Others	-	-		
13	SHWETHA H R	S. M. Sharath, P. Manjunatha, H. R. Shwetha "Integration of Heuristics-Based Energy Optimal Clustering Topology, Routing and Transmission Scheduling for Enhancing Lifetime in IoT Networks" SN Computer Science, Springer Nature, Volume 4, Issue 4, April 2023, pp- 1-8. Doi: https://doi.org/10.1007/s42979-023-01755-8	https://doi.org/10.1007/s42979-023-01755-8	2022-23	2661-8907		Scopus	-	4.3	
14	SHWETHA H R	Rudraswamy S. B, Shwetha H. R, Navakanta Bhat "Effect of Rapid Thermal Annealing on Material, Electrical, and Sensing Characteristics of Ag-Doped CaTiO3-CuO Thin Film Carbon-Dioxide Gas Sensors" in IEEE Sensors Letters, Volume 7, Issue 2, pp. 1-4, Feb 2023. Doi: https://doi.org/10.1109/LSENS.2022.3231868	https://doi.org/10.1109/LSENS.2022.3231868	2022-23	2475-1472	WoS/SCI/SCIE	Scopus	0.43	4.9	
15	SHWETHA H R	H.R. Shwetha, S.M. Sharath, B. Guruprasad, S.B. Rudraswamy "MEMS based metal oxide semiconductor carbon dioxide gas sensor" iero and Nano Engineering, Elsevier, Volume 16, Issue 1, pp-1-11, June 2022. Doi: https://doi.org/10.1016/j.mne.2022.100156	https://doi.org/10.1016/j.mne.2022.100156	2022-23	2590-0072	WoS/SCI/SCIE	Scopus	0.46	5	
16	SHWETHA B	Shwetha B "Application of Super pixels Segmentation in Digital Image forgery Detection" JNNCE Journal of Engineering & Management, Volume 6, Issue 1, June 2022, pp-112-116. Doi: https://doi.org/10.37314/JJEM.2022.060116	https://doi.org/10.37314/JJEM.2022.060116	2022-23	2582-0079	Others	-	-		