

### 3.2 Research Publication and Awards

#### 3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years.

Year	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Number	8	1	3	8	11

S.No	Name of the author/s	Department of the teacher	Title of paper	Name of journal	Year of publication	ISBN/ISSN number
1.	Syed Abbas Ali	Mechanical Engineering	Assessment of performance and exhaust emission quality of different compression ratio engine using two biodiesel mixture: Artificial neural network approach.	Alexandria Engineering Journal, Vol. 60, pp. 837-844, 2021. <b>(SCOPUS, SCI Journal).</b>	2021	
2.	Syed Abbas Ali	Mechanical Engineering	<a href="#">Estimation of Gasoline Engine Emissions from Cylinder Pressure Parameters: Artificial Neural Network Approach</a>	SAE Technical Paper, 2021-01-1014, 2021 <b>(SCOPUS, SAE Journal).</b>	2021	
3.	Syed Abbas Ali	Mechanical Engineering	Control Oriented Observer for Cylinder Pressure Estimation of SI Engine using Frequency Response Function	International Journal of Modelling, Identification and Control, Inderscience Publisher (accepted), 2021. <b>(SCOPUS, ESCI Journal)</b>	2021	
4.	Syed Abbas Ali, Syed	Mechanical Engineering	The effect of nanoparticles dispersed	Materials Today:	2021	

	Sameer Hussain, Altaf Hussain Bagwan		in waste cooking oil (WCO) biodiesel on thermal performance characteristics of VCR engine	Proceedings, Elsevier Publisher, Vol. 43(2), pp. 888-891, 2021. <b>(SCOPUS)</b>		
5.	Syed Abbas Ali, Syed Sameer Hussain, Altaf Hussain Bagwan	Mechanical Engineering	Neural Network Approach of Estimating CI Engine Performance and Emission Parameters from WCO based Biodiesel	Materials Today: Proceedings, Elsevier Publisher, Vol. 43(2), pp.935-940, 2021. <b>(SCOPUS)</b>	2021	
6.	Syed Sameer Hussain	Mechanical Engineering	Effect of Zinc Oxide Nanoparticle Fuel Additive on the Performance and Emission Characteristics of a CI Engine Fuelled with Cotton Seed Biodiesel Blends	Materials Today: Proceedings, Elsevier Publisher, Vol. 43(2), pp. 888-891, 2021. <b>(SCOPUS)</b>	2021	
7.	Syed Sameer Hussain, Altaf Hussain Bagwan, Sunil Thaned	Mechanical Engineering	Study on the Effect of Cerium Zirconium Oxide and Calcium Oxide Nanomaterials in Diesel	International Research Journal of Modernization in Engineering Technology and Science	2021	
8.	Syed Abbas Ali	Mechanical Engineering	A Review: Tribological Study of Advanced Coating on Cast Iron	National Online Conference on “Research and Developments in Material Processing, Modelling and Characterization	2020	

				on 2020 (RDMPMC-2020)” 26-27, August 2020. Organized by Department of Metallurgical and Materials Engineering National Institute of Technology Jamshedpur		
9.	Dr. S.A.Quadri,	CS	Suspicious Activity Detection Using Convolution Neural Network	Journal of Pharmaceutical Negative Results, VOL. 13 SPECIAL ISSUE 01 (2022) , 1235–1245	2022	1235–1245
10	Dr. S.A.Quadri,	CS	Malware Detection Using Cuckoo And ML Techniques	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	2022	2456-3307
11	Dr. S.A.Quadri,	CS	Fake Product Identification System Using Blockchain	Journal of Emerging Technologies and Innovative Research, UGC Approved Journal No 63975	2022	2349-5162

12	Dr. S.A.Quadri,		Face Mask and Social Distance Recognition using Fathima Deep Learning	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) (UGC Journal No: 64718)July-August 2021	2021	2456-3307
13	Dr. S.A.Quadri	Fake Indian Currency recognition	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	July-August 2021	2021	2456-3307
14	Dr.S.A.Quadri,	Detection of Lung Inflammation using Transfer Learning	A review on Forensic tools utilized for Mobile phones Advance Engineering forum(UGC care -2 Journal )	December -2021	2021	0950-0707
15	Dr. Tasleem Ahmad	Relativistic Mean Field description of Iodine Nuclei	Physics of Atomic Nuclei	Feb 2023	2023	1063-7788
16	Shuaib Mohammad	Design and Development of H-Rotor vertical Axis Wind Turbine for Low Wind Speeds	International Journal of Renewable Energy Research	2021	2021	
17	Shuaib Mohammad	A Critical review of materials and	International Journal of matetrials engineering innovation	2021	2021	

		manufacturing techniques for small wind turbine blades				
18	DESIGN AND OPERATION OF ENERGY AWARE WIRELESS SENSOR NETWORKS THROUGH SCHEDULING AND ROUTING	Ms. Tejashri H. Mohite Prof. Dr. Noorullah Sharif	Electronics and Communication Engineering	International Journal Of Emerging Trends & Technology In Computer Science (IJETTCS)	Oct 2020	
19	Optimization Of Keys Using Grey-Wolf Optimization For Secure Path Key Establishment Schemes In Wireless Sensor Networks	Girija Vani Gurram1 Noorullah Shariff Chowdary Rajkumar Laxmikanth Biradar3	Electronics and Communication Engineering	International Journal Of Intelligent Engineering And Systems, Vol.14, No.3, 2021 Doi: 10.22266/Ijies2021.0630.01	Jan 2021	
20	Network Intrusion Detection Using Autoencoders With Swish-Prelu Activation Model	Phanindra Reddy Kannari, Noorullah C. Shariff & Rajkumar L. Biradar	Electronics and Communication Engineering	Journal Of Ambient Intelligence And Humanized Computing (2021) Issn:1868-5145	Mar 1-13, Springer	
21	Neural Network-Based Pest Detection With K-Means Segmentation: Impact Of	Madhuri Devi C N Shariff	Electronics and Communication Engineering	<a href="#">Journal Of Information &amp; Knowledge Management Doi.Org/10.1142/S0219649221500404</a>	<a href="#">Vol. 20, No. 03, 2150040 (2021)</a>	

	Improved Dragonfly Algorithm					
22	Optimal Approach For Maximum Life Span Of Wireless Sensor Network By Energy Efficient Design	Ms. Tejashri H. Mohite Prof. Dr. Noorullah Sharif	Electronics and Communication Engineering	PENSEE International Journal	April 2021 Vol-51 Issue Page 521-527	
23	Enhanced-Transmission Of Data Over Awgn Channel Using Image Features, Steganography And Aes	Mohammad Ziaullah, Aarif Makandar , Priyanka Patil, Anjumkousar Jamadar, Attar Afshan Javeed, Jabeena Lalsab Moolimani	Electronics and Communication Engineering	International Journal Of Science And Innovative Engineering & Technology May 2019 Issue Volume 7 Isbn 978-93-81288-18-4	May 2019	
24	An Intelligent Flying Car For Rescue Operation	Santosh.Irappa .Shirol, Arshiyamateen. Sanadi, Ashwini.R.Kumbar, Chandrakala Kirasur, Shilpa.Basappa .Kudari	Electronics and Communication Engineering	International Journal Of Scientific Research In Engineering And Management (Ijsrem) Volume: 03 Issue: 07   July -2019 Issn: 2590-1892	July 2019	
25	Fruit Quality Assessment And Sorting System	Mrs. Uzma I Sateekar,Ms. Tarannum B Kodekar,Ms. Swaleha R Kolhar	Electronics and Communication Engineering	International Journal Of Creative Research Thoughts (Ijcr) Volume 7, Issue 3 August 2019 Issn: 2320-2882	August 2019	

26	Recommender system Explanatory Studies	Ayesha Sheriff, Dr. Syed Zakir Ali, Dr. Noorullah Shariff, Syed Abdul Majid	Electronics and Communication Engineering	National Conference on Recent innovations in Engineering and Technology( RIET-2017)	Dec 2017	
27	Privacy Preservation In Big Data: Some future direction	Dr. Noorullah Shariff, Ayesha Sheriff, Dr. Syed Zakir Ali, Syed Abdul Majid	Electronics and Communication Engineering	National Conference on Recent innovations in Engineering and Technology( RIET-2017)	Dec 2017	
28	IOT Based Unmanned Lake Cleaning Machine	TabasumGuledgudd, Deepak Kurli, PremkumarSai dapur, KalimKazi, Manjunath Patil	Electronics and Communication Engineering	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5	May 2018	
29	Iot Based Smart Health Care Monitoring System Using Raspberry Pi	TabasumGuledgudd, Deepak Kurli, PremkumarSai dapur, KalimKazi, Manjunath Patil,	Electronics and Communication Engineering	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5	May 2018	
30	Solar Powered Wireless Controlled Agriculture Spray Platform	MallanagoudC hikkond, Mohammed Sohail M, Mohammad Khaja Hussain M, Sumit H, Appalal L	Electronics and Communication Engineering	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4	May 2018	

				Issue 5		
31	Conversation System For Non-Vocal People Using Hand Gestures	Mrs. Uzma I Satteekar, Ms. Asmanaaz R Pathan, Ms. Sufiya H Inamdar, Ms. Atiyaparveen Jagirdar, Mr. Santosh pukale	Electronics and Communication Engineering	International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 ISSN: 2320-2882	April 2018	
32	Smart Jacket For Soldiers	Mrs. Uzma I Satteekar, Ms. Salma Hussainnaik, Ms. Amena Farhat, Ms. Ayeshabegum,	Electronics and Communication Engineering	International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 ISSN: 2320-2882	April 2018	
33	ARM Microcontroller Based Border Security Robot	Mohammad Ziaullah	Electronics and Communication Engineering	International Journal Of Scientific Research And Development, Volume 5, Issue 6	August 2017	

**3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years.**

Year	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Number	0	1	0	0	0

S.No.	Name of the teacher: Title of the paper	Title of the book published: Name of the author/s : Title of the proceedings of the	Name of the publisher: National/International	National/international : ISBN/ISSN number of the proceedings	Year of publication:
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		conference			
01	Enhanced-Transmission Of Data Over Awgn Channel Using Image Features, Steganography And Aes	Mohammad Ziaullah, Aarif Makandar , Priyanka Patil, Anjumkousar Jamadar, Attar Afshan Javeed, Jabeena Lalsab Moolimani	International	International Journal Of Science And Innovative Engineering & Technology, May 2019 Issue Volume 7 ISBN 978-93-81288-18-4	2019