


Profile

Name of the Faculty	Dr Ravindra Eklarker	
Designation	Professor, HOD(CSE) and Dean(III)	
Department	CSE	
Area of Interest	Wireless Mobile Ad Hoc Networks	
Subjects Taught	Computer Networks, Programming in C, Java Programming, Computer Architecture, Digital Design, Mobile Computing, VHDL	
JNTUH Registration Id		
College Staff Code	SC2060	
Official Mail	Drravindra.cse@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	SSLC	Science, Maths	Bangalore Board	1990

2	PUC	Science	Bangalore Board	1992
3	B.E	E&CE	Gulbarga University Katrataka	1996
4	M-Tech	CSE	VTU Belagavi	2001
5	Ph.D	Moile Ad Hoc Networks	VTU Belagavi	2014

Publications Details :

S. No.	Publication details
1.	"Modified XMAC/CA Protocol to Improve Throughput and Energy Efficiency in Wireless Sensor Networks" International Journal of Intelligent Systems and Applications in Engineering (IJISAE) https://ijisae.org/index.php/IJISAE/article/view/3279 ISSN: 2147-67992, July 2023
2.	An Analysis of Energy Efficient MAC protocols for Wireless Sensor Networks using OMNET++ "International Journal of Emerging Technologies and Innovative Research". ISSN: 2349-5162, June 2019, DOI: http://doi.one/10.1729/Journal.22029
3.	Trust and Energy-aware multipath selection in MANET for ensuring Quality-of-Service using the optimization protocol published in International Journal on Artificial Intelligence Tools- DOI: https://doi.org/10.1142/S0218213023500239
4.	Trust Aware Scheme to Detect Malicious Nodes in Cognitive Radio Networks Journal of Seybold Report. http://dx.doi.org/10.36227/techrxiv.12052662 VOLUME 15 ISSUE 9 2020ISSN:1533-9211 Year:2020
5	A Survey on Quality of Service in Mobile Ad-Hoc Networks" Published JETIR. ISSN:2349-5162,June 2019 DOI: https://www.jetir.org/papers/JETIR1906H87.pdf
6	Efficient Multipath routing to increase QoS by link Estimation and Minimum Interference Path in MANET'S" IJEAT. ISSN:2249-8958, Volume 9, Issue 2, December 2019 Publication . DOI: http://dx.doi.org/10.35940/ijeat.B2840.129219
7	MAC Protocols for Application-Specific Wireless Sensor Networks: A Study. International journal of research in Engineering, Science and management. ISSN:(Online): 2581-5782 ,Oct 2018, pages 1-6.Volume-1, Issue-10, DOI/Link; https://www.ijresm.com/Vol_1_2018/Vol1_Iss10_October18/IJRESM_V1_I10_1.pdf

8	A Novel Approach for the finding of clone Node in Wireless Environment for safe packet Delivery". International Journal of Science and Engineering Development Research . https://www.ijserd.com/C_Article.php?manuscript=NCACCP052 ISSN: 2321 0613
9	Performance Analysis of Wireless Distributed Networks by Prioritizing Delay sensitive traffic", International Journal of Simulation Research IJSRD . https://www.ijserd.com/articles/NCACCP013.pdf ISSN: 2321 0613 22and 23 October 2016
10	Qos-Aware Routing Based on Bandwidth Estimation for Mobile Ad Hoc Networks" International Journal of Advance Electrical and Electronics Engineering (IJAEED), http://www.irdindia.in/journal_ijaeed/pdf/vol3_iss2/3.pdf

Experience:

Teaching	28 years
Industry	NIL
Research	11 years
Total Experience	28 years