

A Detailed Academic C V

Name : **Dr Guttur F Ali Ahammed**

Qualification **M.Tech. Ph.D**

Designation **Professor**

Contact Details

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Position Held:

Sl.No	INSTITUTION	POSITION HELD
1	VTU PG Centre,Mysuru	Associate Professor
2	Ghousia college of Engg,Ramanagaram	Lecturer , Asst.prof, Professor & HoD
3		
4		

COURSE TAUGHT:

Sl.No	COURSES TAUGHT
1	14SCS152 Advances in Stroage Network
2	14SCS24 Artificial Intelligence and Agent Technology
3	14SCS424 Wireless Network and Mobile Computing
4	16ECS 151 Advanced Computer Networks
5	16ECS254 Cryptography and Network Security
6	14 ECS 422 Advanced Computer Networks
7	16 ECS 41 Wireless Broad Band LTE4G
8	18ECS15 Advanced Communication Networks
9	18ECS241 Wireless Sensor Networks
10	20ECS15 Advanced Computer Communication Networks

Areas of Specializations: Communication Networks

Publications:

Sl.No	TITLE OF PAPER	NAME OF JOURNAL	Vol./Issue.No/Date
1	Implementation of Mod RED AQM Technique for Wirelless Networks with Strict Priority Scheduling	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	2278-1323/2014
2	Secure Retrieval of Top-i Multikeyword over Encrypted Cloud data	International Journal of Scientific Research in Computer Science Applications and Management Studies	2319-1953/2014
3	Attribute –Based Encryption for Scalable and Secure Sharing of Personal Health Records in Cloud	International Journal of Computer Science and Information Technologies	0975–9646/2014

	Computing		
4	Online Flight Hanger Status using Lean Six Sigma	International Journal of Engineering Research & Technology	2278-0181/2014
5	Online Monitoring Controlling and coordination of Potential	International journal of Emerging Trends in Science and Technology	2348-9480/2014
6	Enhancing the shared Experience with Interactive TV on Smart Phone using Cloud Services	International Journal of Engineering Research & Technology	2278-0181/2014
7	Asurvey on Energetic Service Allocation using Virtual Machines for cloud Computing Domain	International Journal of Engineering Research & Technology	2278-0181/2014
8	Secure Cloud Storage Aiding Confidentiality protecting public Auditing	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	2320-3765/2014
9	A novel method for indexing and restructuring search results with feedback sessions	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	2278-1323/2014
10	Performance comparision of ModRED AQM with Round Robin Scheduling	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	2278-1323/2014
11	Analyzing Identity Based Encryption Technique For Content Based Subscibe Systems	International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE)	0976-1353/2014-15
12	Implementation of ModRED AQM Technique for wireless Network with strict Priority Scheduling	International Journal of Advanced Research in Computer Engineering & Technology(IJARCET)	2278-1323/2014-15
13	A Survey on Vampire Attacks in Wireless Ad-Hoc Sensor Networks	International Journal of Advanced Research in Computer Science and Software Engineering	2277 128X/2014-15
14	SecureRobust Data Aggeration Method for wireless Sensor network in the presence of Malicious user	Global Journal of Engineering Science and Research Management	2349-4506/2015-16
15	Analysis of Energy Efficiency using Leach protocol in wireless sensor network using Qualnet.	International Journal of Modern Computer Science and Applications (IJMCSA)	2321-2632/2015-16
16	Analysis of Active Queue Management Techniques In WCDMA Networks Using Qualnet	International Journal of Modern Computer Science and Applications (IJMCSA)	2321-2632/2015-16
17	protecting receiver's anonymity for circular structured p2p networks	International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 02, Issue 08;	2455-1457/2015-16
18	secret word authenticated key	International Journal of	2455-1457/2015-16

	exchange scheme utilizing chaotic maps towards a new architecture in standard model	Recent Trends in Engineering & Research (IJRTER) Volume 02, Issue 07	
19	Iterative Filtering Algorithm Based On Robust Data Aggregation Method For Wireless Sensor Network In The Presence Of Adversary Environment	International Journal of Advances in Electronics and Computer Science	2393-2835/2016-17
20	Wimax network performance analysis using Qualnet Network Simulator	Adarsh Journal of Information Technology	2320-0340/2016-17
21	Performance analysis of routing protocols and Energy models in WSN using Qualnet	Adarsh Journal of Information Technology	2320-0340/2016-17
22	Design of SMS based automated blood bank using embedded system	International Research Journal of Engineering and Technology (IRJET)	2395-0056/2016-17
23	Analysis of secure Data Aggregation Technique for wireless sensor network in the presence of Adversary Environment based on IF algorithm	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	2278-1021/2016-17
24	A Comparative Study Of Routing Approaches For Energy Constrained Devices In Iot	International Journal Of Current Engineering And Scientific Research (Ijcesr)	2393-8374/2016-17
25	Analysis of Energy Efficient Routing Protocol in MANET	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)	2278-2540/2016-17
26	Analysis Of Fmllr Performance At Various Noises And Levels For Kannada	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
27	Microstrip Patch Antenna Using Siw Technology	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
28	Performance Analysis Of Adhoc Network Routing Protocols By Considering Physical Effects	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
29	Performance Analysis of Long Term Evolution Wireless Network	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
30	ZigBee Wireless Sensor Network (WSN) Simulation with Various Topologies for Surface and Underground Monitoring	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
31	Design And Analysis Of Modulation Techniques And Routing Protocol For Wireless Sensor Network	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
32	Recovery Analysis of skin	Journal of Emerging	2349-5162/2017-18

	Transplantation using SVM	Technologies and Innovative Research (JETIR)	
33	A Review on medical image classification Approaches	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2017-18
34	Integrated modelling approach for enhancing brain MRI with flexible pre-processing capability	International Journal of Electrical and Computer Engineering (IJECE)	2088-8708/2018-19
35	Modified Location Based Topology Control for Enhancement of Throughput in MANET	International Journal of Engineering and Advanced Technology (IJEAT)	2249-8958/2018-19
36	Brain Tumor Detection Using Otsu Method and Feature Extraction with DWT and GLCM	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2018-19
37	Traffic Sign Detection Using Sobel Edge Detector and Morphological Operations	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162/2018-19

Conference, Seminar attended and International and National:

Sl.No.	Details of Paper / poster presentations / conferences and Workshops attended	Place	Date/Year
1	Session Chair/3 rd National Conference on Networking ,Embedded and wirelessSystems NEWS 2014	BMSCE, Bangalore	November 2014
2	National conference on Advances in Computing Technologies NCCT15	KSSEM, Bengaluru	April 2015
3	Session Chair/ National Conference on VLSI ,Communication and Signal Processing NCVCS-15.	RRCE Bangalore	May 2015
4	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)	DMJ College of Engineering ,Chennai	March 2016
5	The 7 th International Multi Conference on Complexity,Informatics and Cybernetics(IMCIC-16) March 8to 11-Orlando,Florida,USA, Volume 1, 17-25.	International Institute of Informatics and Systemic, USA	March 2016
6	Session Chair/ National Conference on Networking Embedded and Wireless Systems NEWS2016	BMSCE Bangalore	June2016
7	National Conference on Innovations & Discoveries in Engineering and Technology PionEEEr2017.	VVIT, Mysuru	May 2017
8	National Conference on Innovations & Discoveries in Engineering and Technology PionEEEr2017.	VVIT, Mysuru	May 2017
9	National Conference on Innovations &	VVIT, Mysuru	May 2017

	Discoveries in Engineering and Technology PionEEEr2017.		
10	IOP Conf. Series: Materials Science and Engineering 225 (2017) 012224 doi:10.1088/1757-899X/225/1/012224		
11	International conference on advanced Material Technologies ICAMT 2016		Dec 2016
12	National conference on Electronics ,Signals & Communication (NCEESC-17)	GSSSIETW, Mysuru	May 2017
13	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)	GSSSIETW, Mysuru	Dec 2016
14	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)	GSSSIETW, Mysuru	Dec 2016
15	Session Chair/ National Conference on Networking Embedded and Wireless Systems NEWS2016	BMSCE Bangalore	June 2016
16	2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE	GSSIETW, Mysuru	Dec 2017
17	2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE		Dec 2017
18	2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE		Dec 2017
19	2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE		Dec 2017
20	Chair person/ One day state level conference on Digital Marketing in India	Vidyavardhaka first grade college Mysuru	March 2018
21	2018 International Conference on	GSSSIETW,	Dec 2018

	Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT)	Mysuru	
22	Proceedings of the Computational Methods in Systems and Software	springer	August 2018
Workshops attended			
1	Training of Evaluators on Outcome Based Education and Accreditation	National Board of Accreditation & VTU PG centre, Mysuru	II phases I phase 03/02/2014 II phase 14 to 16/03/2014
2	One week Workshop on Faculty Skillsets	VTU Regional Office, Mysuru	1 st to 6 th December 2014.

PROFESSIONAL ACTIVITIES: Life member of CSI, ISTE

Research Output:-

Sl.No	Ph.D.	DEPARTMENT	UNIVERSITY	YEAR
1		E&C	VTU	2020
Topic:	Development of an Efficient Technique for Enhancement of Lifetime in MANET			

M.Tech :-

S.No.	Name of the Degree Awarded (ME/M.Tech/M.Phil)	Number Enrolled	Year	Title of the Thesis Supervised	Name of the Awardee
1.	M.Tech	1VW12SCS05	2014	Online Monitoring Controlling and coordination of Potential	Divyarani T
2.	M.Tech	1VW12SCS08	2014	Secure cloud storage system assisting isolation conserving public auditing	Mukesh Kumar
3.	M.Tech	1VW12SCS10	2014	Attribute –Based Encryption for Scalable and Secure Sharing of Personal Health Records in Cloud Computing	Prasad P.S
4.	M.Tech	1VW12SCS11	2014	Online Flight Hanger Status	Pushpanjali CH
5.	M.Tech	1VW12SCS12	2014	Secure Retrieval of Top-i Multikeyword over Encrypted Cloud data	Ravi s pujari
6.	M.Tech	1VW12SCS13	2014	Prediction based cloud bandwidth and cost reduction system :PACK	Saabappa

7.	M.Tech	1VW12SCS15	2014	Energy resource allocation Mechanism for cloud computing domain using virtual Machines	Santosh Naik
8.	M.Tech	1VW12SCS18	2014	Enhancing the shared Experience with Interactive TV on Smart Phone using Cloud Services	Shirashyad Vinay
9.	M.Tech	1VW12SCS19	2014	Online Helicopter Defect investigation	Srinivas pawar
10	M.Tech	1VW12SCS21		Clustering evaluating web search result using pseudo documents	Veerash Ramappa
11	M.Tech	4VZ13SCS01	2015	Analysis On Captcha As Graphical Password For Security Primitive Based On Hard AI Problems	Anitha s.v
12	M.Tech	4VZ13SCS07	2015	multi-keyword ranked search for accurate search results over the encrypted cloud data supporting synonym queries	Caithra
13	M.Tech	4VZ13SCS08	2015	Identifying and trapping the misbehaving user in anetwork using honey pot	Chaitramani.s
14	M.Tech	4VZ13SCS14	2015	investigating the vampire attack in wireless adhoc sensor networks	Meghana.N
15	M.Tech	4VZ13SCS14	2015	investigating the vampire attack in wireless adhoc sensor networks	Meghana.N
16	M.Tech	4VZ13SCS15	2015	Analysing identity based encryption technique for content based subscribe systems	Nagarathna M
17	M.Tech	4VZ13SCS25	2015	Analysing datawith QIDB algorithem using hadoop mapreduce framework	Zumer Shiyam
18	M.Tech	4VZ14SCS01	2016	Preserving Receivers Anonymity For Circular Structured P2P	Amarnath
19	M.Tech	4VZ14SCS10	2016	Password-Authenticated Key Exchange Scheme Using	Manu P

				Chaotic Maps towards a New Architecture in Standard Model	
20	M.Tech	4VZ14SCS11	2016	Implementation Of Internetworking And Performance Analysis Using Mesh Network	Naveen G
21	M.Tech	4VZ14SCS13	2016	Energy Efficient Detection Of Malicious Nodes By Using Secure Algorithms	Pavithra N S
22	M.Tech	4VZ14SCS14	2016	Increasing Of Energy Efficiency Using LEACH Protocol in Wireless Sensor Network	Poornima S
23	M.Tech	4VZ14SCS17	2016	Congestion Control In Wcdma Networks Using Active Queue Management Techniques	Rashya Shrunga R
24	M.Tech	4VZ14SCS24	2016	Enhanced IF Algorithm based on Robust Data aggregation for WSN in the Presence of Adversary Environment	Uma Angadi
25	M.Tech	4VZ15LDS04	2017	Design & Prottype oF Health Monitoring Systems Using Android Application	Heena Kousar D
26	M.Tech	4VZ15LDS08	2017	wireless vehicle alert and collision prevention system design using atmel microcontroller	Nanditha
27	M.Tech	4VZ15LDS09	2017	Implementation Of Iot Based Intelegent Home Automation And Smart Security System	Nithyasri N
28	M.Tech	4VZ15LDS10	2017	WIMAX Network Performance Analysis using various network parameter	Pavithra K
29	M.Tech	4VZ15LDS11	2017	Design of SMS Based Automated Blood Bank Using Embedded Systems	Pavithra HV
30	M.Tech	4VZ15LDS14	2017	Wireless Surface ECG and EMG System on 802.15.4 Using Arduino	sanjeevappa
31	M.Tech	4VZ15LDS16	2017	Performance analysis of	Suha Shariff

				routing protocols and Energy models in WSN using Qualnet	
32	M.Tech	4VZ16LDS01	2018	Design of Microstrip Patch Antenna using SIW technology	Anil Kumar
33	M.Tech	4VZ16LDS02	2018	Zig Bee Wireless Sensor Network Simulation with Various Topologies for Surface and Underground Monitoring	Chethan MG
34	M.Tech	4VZ16LDS07	2018	Performance Analysis of Adhoc N/w routing protocols by considering Physical effects	Manoj D
35	M.Tech	4VZ16LDS13	2018	Simulation of Cluster Based Active Life Routing Protocol for Highway Scenario	Roopa B
36	M.Tech	4VZ16LDS14	2018	Performance Analysis Of Long Term Evolution Wireless Network	Sahana Hc
37	M.Tech	4VZ16LDS18	2018	Design And Analysis Of Modulation Techniques And Routing Protocol For Wireless Sensor Network	Shruthi
38	M.Tech	4VZ16LDS23	2018	Analysis of FMLLR performance at various noises and levels in Kannada	Vishwas k Singh
39	M.Tech	4VZ17LDS01	2019	Brain Tumor Detection Using Otsu Method And Feature Extraction With Dwt And Glcm	Geeta N
40	M.Tech	4VZ17LDS02	2019	Traffic Sign Detection Using Sobel Edge Detector and Morphological Operations	Koushalya H K
41	M.Tech	4VZ17LDS12	2019	Melanoma Detection Using Convolutional Neural Network	Thejashree H K
42	M.Tech	4VZ18LDS04	2020	Performance Analysis	Chaitra R

				Of Interworking Handoff Between Heterogeneous Network	
43	M.Tech	4VZ18LDS10	2020	Analysis Of C4i Communication Cyber Attacks Scenarios Using Exata 7 Network Emulator	Mahleqha noorie
44	M.Tech	4VZ18LDS12	2020	Knowledge Extraction In Alzheimers Disease Using Cognitive Artificial Intelligence	Megha
45	M.Tech	4VZ18LDS14	2020	Analysis of Light weight MANET Routing Protocols in Wi-Fi 802.11ac Networks for flood environment Using EXata 7	ParmeshaR
46	M.Tech	4VZ18LDS17	2020	Video Level Analysis For Inter-Vehicular Flowing With Umts, Ieee 802.11p And Lte Networks	Rumana
47	M.Tech	4VZ19LDS03	2021	Performance Analysis of Routing Protocols for Video Traffic in Wi-Fi Networks using EXata 7.1 Emulator	Bhuvana H R
48	M.Tech	4VZ19LDS02	2021	Analyzing the Energy Efficient Routing Protocols for Video Traffic in Wireless Sensor Network using Qualnet 9.1 Network Simulator	BALUCHANDR A D K
49	M.Tech	4VZ19LDS12	2021	AnalysisOf MANET Routing Protocols for Wild HearthEnvironment in Wi- FiNetworksUsing Qualnet 9.1 Network Simulator	RAVIM

I hereby declared that all the information furnished above is true to the best of my knowledge.