


FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Personal Details	
Name: Dr.JYOTI R MARANUR	
Designation: Associate Professor	
Department: Computer Science and Engineering	
College Address: Assoc. Prof, Department of CSE, Faculty of Engineering & Technology (Exclusively for Women), Shranbasva University, Kalaburgi, Karnataka, Pin - 585103	
Contact: 9535158877	
E-mail id: jyotirmaug16@gmail.com	

Areas of Interest	<ul style="list-style-type: none"> • NETWORKING • IMAGE PROCESSING
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Subjects Taught	
UG	PG
<ul style="list-style-type: none"> • Computer Networks • Operating System • Discrete Mathematical Structure • Python Programming • Data Structures • System Software and Compiler Design • Computer Graphics • Microprocessor • Wireless sensor networks • Cloud Computing 	<ul style="list-style-type: none"> • Research Methodology • Cloud Computing • Cyber Security

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D	NETWORKING (VANET)	Visvesvaraya Technological University	Visvesvaraya Technological University	2021

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PG (M.tech)	Computer science and Engineering	BLDEA'S V.P. Dr. P.G.Halakatti College of Engineering and Technology, Vijayapura	Visvesvaraya Technological University	2013
UG (B.E)	Computer science and Engineering	Visvesvaraya Technological University	Visvesvaraya Technological University	2011

Work Experience							
Name of the Institution		Position		From		To	
GECW		Assistant Professor		08/07/2014		30/06/2022	
FETW		Associate Professor		01/07/2022		Till dated	
Total Experience	11	Teaching	11	Research	-	Administration	-

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	15	-	4	1	20
Recent Publications(Journals)					
1.Jyoti R Maranur,Dr.Basavaraj Mathapati,"VANET:Moving Zone Based Routing Protocol",IJCRT,Vol 5,Issue 3 SEPT					
2. Jyoti R Maranur,Basavaraj Mathapati,"A Survey on position based routing protocol in vehicular AD					
3. Jyoti R Maranur,Pooja S Honnutagi,"Data security by text and image based encryption					
4.Jyoti R Maranur, Rekha B Venkatapur, "Human Mass Density Estimation by Using Bayesian Regression", IJREAT International journal of Research in Engineering and Advanced Technology, Vol 1, Issue 5 OCT					
5.Jyoti R M. and Basavaraj Mathapati. —Reliable Traffic & Mobility Aware Position based VehicularAd Hoc Network Routing using ACOI, International Journal of Advanced Science & Technology,(IJAST) SCOUPS,Vol. 29, No. 3,pp. 645 – 669, ISSN: 2005					

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6.Jyoti R M. and Basavaraj Mathapati. —A SURVEY ON TRAFFIC AWARE ROUTING PROTOCOL IN VEHICULAR AD-HOC NETWORKS , International Journal of Computer Science & Information Technology Research ISSN 2348-120X (online) Vol. 8, Issue 1, pp: (95-98), Month: January - March 2020, Available at: www.researchpublish.com .
7.Jyoti R M. and Basavaraj Mathapati. —Portability based Location Routing for Vehicular Ad Hoc Networks ,JARDCS(SCOUPS),Journal of advanced research in dynamics & control system,vol,11,06
8.Jyoti R M. and Basavaraj Mathapati. —VANET:Moving Zone Based Routing Protocol , © 2018 IJCRT Volume 6, Issue 1 ISSN: 2320
9.Jyoti R M. and Basavaraj Mathapati. —ARPVP: Attack Resilient Position-based Vehicular Ad hoc Network Protocol International Journal of Recent Technology & Engineering (IJRTE SCOUPS) ISSN: 2277-3878, Volume-9, Issue-5, July 2021.
10.Jyoti R M. and Basavaraj Mathapati. —ARPVP: Attack Resilient Position-based VANET protocol using ant colony optimization , wireless personal communications(SPRINGER) 10 TH NOV 2022.
11.Jyoti R Maranur —“Competitive Analysis for the auditing cloud consistency”,IJSRST,vol 9,Issue 3,page no.408-414,may-june-2022
12.Jyoti R M. and Basavaraj Mathapati.-Mobility aware efficient location based routing protocol for vehicular ad hoc networks.IJSR.ISSN:2319-7064,vol 9 issue 12,Dec2020.
13. Jyoti R M.-Advance driver assistance system.JETIR.ISSN-2349-5162,Vol 10,issue 5,May 2023
14.Jyoti R M and Gangu- Enhancing autonomus vehicle applications with advanced lane detection and tracking. IRJET.Aug 2023.
15. Dr.jyoti R M-“Ai Driven Emotion Detection And User Alert System Via Chat Analysis”.Ijirt,Ugc Aproved Journal VOL.11 issue 20 june 2025.
16. Jyoti R Maranur, Rekha B Venkatapur, “ An Efficient Decision Tree Based Counter For Face Tracking”, NCST National Conferences on Recent Advances in Science and Technology, 22 nd and 23 rd March 2014 at BKIT, Bhalki, Dist Bidar , Karnataka State, India.
17. Jyoti R M. and Basavaraj Mathapati. —VANET: Vehicle to Vehicle Communication using Moving Zone Based Routing Protocol , 2017 Second International Conference on Electrical, Electronics, Communication, Computer & Optimization Techniques (ICEECOT), 978-1-5386-2361-9/17 ©2017 IEEE

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18. Prof. Jyoti R M. Dr.Basavaraj Mathapati,— Mobility aware efficient location based routing protocol for vehicular ad hoc networks,2018 Presented in Third International Conference on Electrical, Electronics, Communication, Computer & Optimization Techniques (ICEECCOT), 978-1-5386-2361-9/17 ©2018 IEEE
19. Prof.Jyoti Maranur-combined deep learning and machine learning models for the prediction of stages of melanoma. International conferences on intelligent systems & computation(ICISC-2022).held on 06-07 may 2022. At poornima institute of engineering & technology,Jaipur
- 20.Prof.Jyoti R Maranur-“Cyber security challenges and Emerging Trends On Latest Technologies”International Conference on”Global Challenges and vitality solutions”(life,people,product & Systems) CSIBER,Kolhapur.held on 22 and 23 november 2024.

Memberships in Professional Bodies

S.No.	Name of the Professional Body
1.	ISTE(L134913)
2.	IEI(180101572090)
3.	IEEE(94439098)
4.	Women in engineering

Programs Organized

1.	Quantum Computing
2.	Carrier guidance for students-2022

Sl.No.	Training Programmes Attended
1	Program on ORACLE PL/SQL
2	Image Processing and Communication Systems (IPCS-2013)

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3	Advanced Techniques For Simulation of Wireless Networks
4	Low power design techniques for digital circuits
5	Machine learning and its applications
6	Telemedicine, IOT, and nano science
7	IEEEET ABET webinar on accreditation and quality of engineering education in south asia
8	Contemporary research trends in electronics and communications and computer science
9	How to write an effective technical paper
10	2days national level workshop on IOT
11	1week state level FDP on emerging trends in teaching, learning and research
12	1week state level FDP effective teaching, learning & research skills towards global standards
13	2days regional level workshop on current & future research trends in wired & wireless networks(CFRTWN-2014)
14	1week state level FDP on effective teaching, learning and research skills toward global standards in higher education
15	Artificial neural networks and fuzzy logic for pattern recognition applications using MATLAB
16	5days workshop on Simulation and test bed environment for research challenges in wired and wireless networks under TEQIP-II
17	CSI-ITD-2022
18	National research conference on emerging, business management, sciences, humanities & social sciences-2022
19	3days national conference on RACES-2022
20	2Days online workshop on “Quantum computing and communication: new paradigm”

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21	3days national online workshop on tools & techniques in hybrid learning & teaching
22	5 days FDP on “Recent development in machine learning for Artificial intelligence”
23	3Days FDP on” Recent Trends and Research methodologies in information technology”
24	One week workshop on “Artificial intelligence and data science”
25	One week FDP on “Cyber Security in the era of Artificial intelligence”
26	One week FDP on “Recent Trends in Computing 4.0”.

Special Lectures Presented

1.	NIL
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Role & Responsibilities

1	NBA CRITERIA-7 COORDINATOR
2.	NAAC-6 COORDINATOR
3.	AISHE COORDINATOR
4.	UTSHA COORDINATOR
5.	BOE MEMBER-2025
6.	Worked as Reviewer for the ICDCECE-2022
7.	Worked as Reviewer for the EASCT-2023
8.	Worked as Reviewer for the NITTE-2023
9.	Worked as Reviewer for the ICDCECE-2023

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10.	Worked as Reviewer for the ICMR-2022
11.	Worked as Reviewer for the ICAISE-2023
12.	Worked as Reviewer for the ICIICS-2024
13.	Worked as Reviewer for the ICDCECE-2025
14.	Worked as Reviewer for the ICICACS-2025