

FACULTY PROFILE

Name : **DR. JAYASHREE D. MALLAPUR**



Designation : **Professor**

Department : **Electronics and Communication Engineering**

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Scopus ID : **24448256100**

Vidwan Id : **125023**

Researcher ID (Web of Science) : **AAS-1203-2020**

Google Scholar ID : **2exRr8AAAAJ**

Qualification : **Ph.D. (Cellular multimedia network)**

Professional Experience Teaching experience : **28 years**

Industry experience : **-----**

Administrative Responsibilities	1)	National Advisory Committee Member , ICRAET, 7 th March , 2023
	2)	Judge for State level IEEE Project symposium – Prakalp , Rao Bahadur Y. Mahabaleswarappa Engineering College , Cantonment , Ballari 17 th June 2022.
	3)	VC Nominee for the University Department/Head of the Department-Member , Research Advisory Committee, VTU, Belgaum ,13 th June 2022.
	4)	LIC Committee member , VTU, Belgaum 3 rd June 2022.
	5)	Examiner for practical examination (Mini Project) ECE, BEC, Bagalkote 18 th August 2020
	6)	Internal examiner for the comprehensive Viva-Voce Examination of Research Scholar at BEC, Bagalkote 10 th October 2019.
	7)	External examiner for comprehensive Viva-Voce examination of the research scholar at VTU, Belgaum. 7 th January 2019
	8)	Event judge of YANTRAJA 19, Dept. of M.E., BEC ,Bagalkote. 18 th January 2019
	9)	Member of Academic Council of Basaveshwar Engineering College ,Bagalkote 2018-2019
	10)	LIC Committee member, VTU, Belgaum 2018-2019.
	11)	Judge for Innovative Idea Presentation at Dept. of ECE, BEC, Bagalkote. 26 th March 2017
	12)	Member of BOS in ECE Dept. BEC, Bagalkote. 19 th December 2017.
	13)	MPCC Committee member (Mal- Practice Cases Consideration) 2016-2017.
	14)	TEQIP II Phase Co-ordinator, BEC , Bagalkote 2014.
	15)	Chief guest at inaugural function of ECE Dept. forum EXCELTRON BEC, Bagalkote 22 nd August 2012.
	16)	Member of Board of Studies in ECE , BEC, Bagalkote 3 rd October 2012.
	17)	External examiner for Pre-Ph.D. of research scholar, VTU, Belgaum 8 th August 2012
	18)	Chairperson for “International conference on evolutionary trends in Information Technology ICETIT 2012” at Dept. of PG Studies , Jnana Sangama, VTU, Belgaum 5 th – 6 th October 2012.
	19)	Valuator for Ph.D. in Central Valuation work at Valuation Centre , VTU, Belgaum 21 st September 2012
	20)	Speaker and Judge for “TECH UTSAV-2012” A national level technical paper presentation for faculty & students and state level project exhibition at B.V.V.S. Polytechnic(Aut) Bagalkot 29 th to 30 th March 2012.
	21)	External examiner for paper setting of Computer Networks for VII semester Dec 2011 Examinations at SDM, Dharwad 12 th November 2011.
	22)	Consultancy offer for technical writing from Nihon Communication Solutions Pvt. Ltd., Malleshwaram, Bangalore 29 th April 2011.
	23)	Chairperson for the session in International conference on Advances in computing, communication and control at Fr. Conceicao Rodrigues College of Engineering , Bandra , Mumbai 29 th January 2011.
	24)	Subject expert for the interviews of faculty positions in Jain college of engineering at Macche, Belgaum 22 nd January 2011.
	25)	External Examiner during the Pre Ph.D comprehensive Viva-Voce Examination , VTU, Belgaum, 13 th January 2012.
	26)	LIC member for Inspection for the year 2011-2012 , VTU, Belgaum.
	27)	LIC committee member of Visvesvaraya Technological University, Belgaum 2010-2011.
	28)	Completed BOE term in EC/TE Board, VTU , Belgaum during July 2010.

Administrative Responsibilities	29)	Chairperson for the International Conference on Recent Trends in Business Administration and Information Processing – BAIP 2010, ACEEE, Trivandrum , Kerala , India (Springer – LNCS CCTS) March 26 th -27 th 2010.
	30)	Judge for Event conducted by THINK 2009 at SDM, Dharwad 18 th April 2009
	31)	BOE members meeting at VTU valuation centre, BIET, Davangere during December 2009
	32)	Member of selection committee for appointment of faculty of B.L.D.E.A'S V.P. Dr. P.G.H. college of engineering and technology , Bijapur 25 th July 2009
	33)	Chairman, Paper setting and Moderator Visvesvaraya Technological University exams Belagavi.
	34)	Chairman, Anti Ragging Committee, Basaveshwar Engineering College, Bagalkote and
	35)	Coordinator and Student advisor for Electronics and Communication Students Association, Basaveshwar Engineering College, Bagalkote
	36)	Squad member / Deputy Chief Supt. (External), Basaveshwar Engineering College, Bagalkot and Visvesvaraya Technological University Exams, Belagavi
	37)	Project Officer for Food Processing in Science and Technology Entrepreneurs Park, Basaveshwar Engineering College, Bagalkote
	38)	Short term Training Programme on Internet Protocols organized by Department of Electronics and Communication Engineering, Basaveshwar Engineering College, Bagalkote under TEQIP during 21st-26th August 2006.
	39)	Co-coordinators for National conference on Recent Trends in Computer communication and networking organized by Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote under TEQIP during 15th- 16th March 2005.
	40)	ECE students welfare coordinator at Basaveshwar Engineering College , Bagalkot during December 2004.
	41)	Chair-person for National and International Conferences in India and Abroad.
	42)	Subject expert committee member for Electronics and Communication Engineering and Telecommunication Engineering for BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapura, KLE Society's Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi and Jain College of Engineering, Belagavi.
	43)	Member BOE (Electronics and Communication Engineering and Telecommunication Engineering) of Visvesvaraya Technological University, Belagavi
	44)	External examiner for the conduct of Ph.D. comprehensive viva-voce.
45)	Academic Council Member Basaveshwar Engineering College (Autonomous), Bagalkote	
46)	Union Public Service Commission, New Delhi - Syllabus and Question Paper Setter.	

No. of Projects Guided UG	:	80
PG	:	25
Ph. D	:	05
Research Interest Area:	:	<ol style="list-style-type: none"> 1. Mobile communication 2. Multimedia communication 3. Satellite communication 4. Computer networks and 5. Wireless sensornet works.
No. of Research Scholars	:	02
Pursuing Awarded	:	05

Patents	:	-----
Research Grants	1)	Title - “Design and Development of Fuzzy based Algorithms for Resource Allocation and Routing in Wireless Networks”, Amount sanctioned Rs 9.00 lakhs, 2007- 2009
	2)	Title - “QOS Support in Mobile Communication”, Amount sanctioned Rs 7.57 lakhs, 2006 – 2009
Total	:	16.57 lakhs
Sponsorship	1)	Title –“Optimization of Fuzzy Cluster Nodes in Cellular Multimedia Networks”, at Proceedings of International Conference on Signal Processing, Communication and Networking (ICSPCN-2013), 05th-06th June2013 , organized by World Academy of Science, Engineering and Technology, New York, USA (TEQIP-II)
	2)	Title - “Dwell Time Optimization for Vertical Handoff in 4G Networks” at International Conference held at Kaulalumpur, Malaysia, 18thJune 2011 .(VTU)
	3)	Title – “Bandwidth Allocation for Multimedia Traffic by using Fuzzy Logic” at Proceedings of 2006 3rd International IEEE Conference on Intelligent Systems, Harrow School of Computer Science, University of Westminster , London, United Kingdom.. (TEQIP-I)

Sl. No.	Citations of Journals
01	Jayashree D. Mallapur , S. Salotagi, “Multi-objective modified emperor penguin optimization for resource allocation in internet of things agriculture applications” Journal of Multimedia tools and applications, (Q1 Journal) Vol. 5, PP- 1-26, Jan. 2024 (Web of Science 2.57)
02	Jayashree D. Mallapur , S. Salotagi "Optimal Resource Allocation For Efficient Task Scheduling leverged With Optimal Cluster Head Selection For Smart Argriculture.", Semiconductor Optoelectronics, Vol. 42 No.1 , ISSN 1001-5868 2023.
03	Jayashree D. Mallapur , S. Salotagi “Optimal Task Scheduling on Agri-IoT with optimal Clustering and Multi-Cast Routing”. Journal of Optoelectronics Laser, vol 41, no 12. March 2022 (SCOPUS INDEXED Q4) ISSN: 1005-0086.
04	Jayashree. D. Mallapur and S. Salotagi “Development of Quality of Service(QoS) Model for Optimization Of Scheduled Bandwidth in IoT Agriculture Applications”Vol. 20 No.18, .November 2022 DOI: 10.48047/NQ.2022.20.18.NQ88129 (SCOPUS INDEXED Q3) impact factor 0.459 ISSN 1303-5150
05	Jayashree D. Mallapur and Parande, Somu . “Cost-Effective Modeling for Incorporating Flexibility by Securing Wireless Mobile Sensors Network”. Wireless Personal Communications. 123. https://doi.org/10.1007/s11277-021-09155-y . (2022)
06	Dr. Jayashree D. Mallapur and Shivanand Hiremath, “Social ski driver based efficient parking dynamics and computation using deep reinforcement learning in vehicular cloud”,Journal of Theoretical and applied information technology”, ISSN: 1992-8645, Vol 100, Issue 15 pp-4615-462715 August 2022. Q4
07	Jayashree D. Mallapur and Hiremath, S.C “Fractional-social ski driver optimization-driven routing protocol for routing electric vehicle under server hosted VANET. Multimedia Tools Appl”. 81, 17437–17456 (2022). https://doi.org/10.1007/s11042-022-12543-6 .
08	Jayashree D. Mallapur and S. Salotagi “Network Optimization For Resource Allocation in IoT Agriculture Applications”. International Journal of Advance and Innovative Research, Vol.8, Issue-4, August-December 2021.
09	Jayashree D. Mallapur and Somu Parade, “Tactical Approach to Identify and Quarantine Spurious Node Participation Request in Sensory Application” International Journal of Electrical and computer Engineering (IJECE), Vol. 10, Issue-4, August – 2020.
10	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, , “Circular Based Node Placement in Wireless Sensor Networks” International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9, Issue-10, August 2020, ISSN : 2278 – 3075
11	Jayashree D. Mallapur and Satyanarayan Padaganur, “Improved Reposition Cluster Head in Leach Protocol for Heterogeneous Wireless Network”, TRANS STELLAR International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC), Vol. 8, Issue-1, June 2018, pp. 11-18, ISSN (P) 2250-1568.
12	Jayashree D. Mallapur and Satyanarayan Padaganur, “Optimization of Resource Mining in Distributive Sharing (ORMDS) Scheme for Future Heterogeneous Network”, International Journal of Information Technology and Computer Sciences (IJITCS), Vol. 10, No-8, August 2018, pp. 18-23, DOI:10.5815/ijitcs.2018.08.03
13	Jayashree D. Mallapur and Satyanarayan Padaganur, “Neural Embedded Smart Link Generation Scheme for Heterogeneous Network”, International Journal Heliyon (ELSEVIER), Vol. 4, Issue-12, December 2018, pp. 1-15
14	Jayashree D. Mallapur and Satyanarayan Padaganur, “An Approach to Improve the Quality of OFDM Signal using PAPR Reduction Schemes”, International Journal of Computer Sciences and Engineering (IJCSE), Vol. 5, Issue-10, October 2017, pp. 360-366, ISSN (P) 2347-2693

15	Jayashree D. Mallapur and Shivanand Hiremath, “A Survey on Vehicle Cloud Computing Network: It’s Research Issues and Challenges”, Asian Journal of Convergence in Technology, April 2017, ISSN 2350-1146
16	Jayashree D. Mallapur and Renuka T. Ambiger, “Vehicular Traffic Management Using Cloud Network App”, International Journal of Science, Technology and Society, Vol. 5, 6 November 2017, pp. 203-209, ISSN 2330-7412.
17	Jayashree D. Mallapur and S. B. Kumbalavati, “Third Party Intervened Vertical Handover in Heterogeneous Networks”, International Journal of Computer Networking, Wireless and Mobile Communication (IJCNWMC), Vol. 6, Issue-4, August 2016, pp. 1-12, ISSN (P) 2250-1568, Citations – 2
18	Jayashree D. Mallapur and S. B. Kumbalavati, “Modeling of Seamless Vertical Handover Mechanism using Demanded Resource Identification and Mapping”, International Journal Information Technology and Computer Science (IJITCS), Vol. 10, No-8, August 2016, pp. 31-37, DOI:10.5815/ijitcs.2018.08.05
19	Jayashree D. Mallapur and Satyanarayan Padaganur, “Energy Conserving Delay Conscious Lifetime Enhancing Data Aggregation Protocol for Heterogeneous Wireless Networks”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5, Special Issue-9, May 2016, pp. 315-320, ISSN (P) 2347-6710; (E) 2319- 8753
20	Jayashree D. Mallapur and S. K. Padaganur, Ratna B. Patil and Namrata Bannur, “A Survey of Bandwidth Allocation Schemes in WSNS Using TDMA Based MAC Protocol”, International Journal of Research in Engineering and Technology (IJRET), Vol. 5, Issue-2, February 2016, pp. 251-254, ISSN (P) 2321-308; (E) 2319-1163
21	Jayashree D. Mallapur and Tej C. Hiremath, “Mobile Cloud Computing: A Survey of Research Issues and Challenges”, International Journal of Innovation in Engineering, 2015, pp. 1-7, ISSN 2394-3696
22	Jayashree D. Mallapur and K. Nagarathna, “TFTS: A Novel Triple Factor Time Synchronization for Effective Routing in Large Scale WSN”, International Journal of Wireless Personal Communication, Springer, Vol. 84, September (11) 2015, pp. 4-19, ISSN 0929-6212, Citations – 2
23	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Advanced Monitoring of Crop in Agriculture using Wireless Sensor Networks”, International Journal of Electronics and Communication Engineering & Technology, Vol. 6, Issue-1, September 2015, pp. 30-38, ISSN 0976-6472, Citations – 8
24	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Multiple Node Placement Strategy for Efficient Routing in Wireless Sensor Networks”, Journal of Wireless Sensor Networks, Scientific Research Publications, Vol. 7, No. 8, August 2015, pp. 101-112, ISSN 1945-3086, Citations – 10
25	Jayashree D. Mallapur , S. B. Kumbalavati, “A Survey on Vertical Handover in Heterogeneous Networks”, International Journal of Informative and Futuristic Research (IJIFR), Vol. 2, Issue-21, May 2015, pp. 3028-3033, ISSN 2347-1697, Citations – 6
26	Jayashree D. Mallapur , S. K. Padaganur, “Radio Resource Management in Heterogeneous Networks Survey”, International Journal for Scientific Research and Development (IJSRD), Recent Development in Engineering and Technology, Vol. 32, Issue 11, 2015/046, pp. 179- 183, ISSN 2321-0613
27	Jayashree D. Mallapur , Sadiqa Nishat Bawoor, Shrikant Nandan, “Heterogeneous Network Routing Analysis”, International Journal of Recent Development in Engineering and Technology (IJRDET), Vol. 3, No. 1, July 2014, pp. 112-116, ISSN 2347-6435
28	Jayashree D. Mallapur and K. Nagarathna, “An Investigation Analysis of Different Approaches and Techniques for Time Synchronization in Wireless Sensor Network”, International Journal of Computer Applications, Vol. 103, No. 5, October 2014, pp. 18-27,

	ISSN 0975-8887,Citations-6
29	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Energy Aware Node Placement Algorithm for Wireless Sensor Networks”, Journal of Advance in Electronics and Electric Engineering, Vol. 4, No. 6, February 2014, pp. 541-548, ISSN 2231-1297, Citations – 1
30	Jayashree D. Mallapur , Santosh B. K, “A Survey on 4G Wireless Networks”, International Journal of Cognitive Science, Engineering and Technology, Vol. 1, Issue-1, November 2013, pp. 32- 36, ISSN 2347-8047
31	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Fuzzy Based Packet Dropping Scheme in Wireless Cellular Networks”, International Journal of Computers, Communication and Control, Vol. 6, Issue-2, 2011, pp. 305-316, ISSN 1841-9836, Citations – 7
32	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Fuzzy Based Buffer Management in Wireless Multimedia Networks”, Hungarian Electronic Journal of Science, HEJ: INF-100925-A, 2010, pp. 1-21
33	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Fuzzy Based Approach for Packet Dropping in Wireless Networks”, International Journal of Advanced Networking and Applications, Vol. 1, Issue-5, 2009, pp. 301-306, ISSN 0975-0290, Citations – 6
34	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “A Fuzzy Based Approach for Multicast Tree Computation in Wireless Multimedia Networks”, Journal of Information and Computing Science, Vol. 4, No. 2, 2009, pp. 83-92, ISSN 1746-7659, Citations – 8
35	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Fuzzy Based Bandwidth Borrowing Scheme for Wireless Multimedia Networks”, International Journal of Applied Mathematical Analysis and Applications, (Special Issue), Vol. 2, No. 1-2, January - December 2007, pp. 83-98, ISSN 0973-3868.

Sl. No.	International Conference
01	Dr. Jayashree D. Mallapur , “Self monitored indoor plant maintenance with wastewater” in the AICTE Sponsored IEEE International Conference on Network, Multimedia, and Information Technology (NMITCON) Page 360-365, Vol. 11, 1 – 2 September 2023, Nitte Meenakshi Institute of Technology, Bangaluru.
02	Dr. Jayashree D. Mallapur and S. C. Hiremath, A Cloud interfaced social ski driver optimized routing and charge scheduling for EV using deep RNN, International conference, AABV – IIIT – M Gwalior Sixth edition of CICT (IEEE-CICT-2022), November 2022
03	Jayashree D. Mallapur , Shivanand Hiremath, “Optimization of secured cluster based charging dynamics and scheduling of EV using Deep RNN “,International conference on Applied and Techniques in Information Security (ATIS 2022), PP: 1-6, 30 December 2022, ISSN: 1865-0929, SPRINGER https://www.atis2022.com .
04	Jayashree D. Mallapur , S. Salotagi "Optimization of Multicast Routing Using Forward Chain Algorithm for Internet of Things Application (IoT) Agriculture Application," 2022 First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), Trichy, India,May 2022, pp. 1-5, doi: 10.1109/ICEEICT53079.2022.9768483.

05	Jayashree D. Mallapur , Parande, S.P Adaptability Against Eavesdropping Attack in WSN: Co-Operative Beamforming and Relays Approach. In: Smys, S., Palanisamy, R., Rocha, Á., Beligiannis, G.N. (eds) Computer Networks and Inventive Communication Technologies. Lecture Notes on Data Engineering and Communications Technologies, vol 58. Springer, Singapore. (2021). https://doi.org/10.1007/978-981-15-9647-6_49
06	Jayashree .D. Mallapur , Shivanand Hiremath, “ A cloud interfaced Social Ski Driver Optimized Routing for future Electric Motor Vehicles”, International Conference on Information and communication Technology for Sus tainable Development (ICT4SD 2021) scheduled on 5-6 August 2021, Goa, India
07	Jayashree .D. Mallapur , Samprita Ari, Shridevi B Sampaganvi Roopa A Naik,” Virtual Monitoring of Distraction Activities in e-Learning Mode “, International Conference on Smart Energy and Communication "ICSEC-2021" scheduled on 20-21 August 2021 Jaipur India
08	Jayashree D. Mallapur , and Shreekant Salutagi “Optimization of Multicast Routing using Forward Chain for IoT Agriculture Application “ IEEE”, International conference on Electrical, Computer and Communication Technologies (ICECCT 2021), 15 th -17 th SEPTEMBER 2021, Erode, Tamil Nadu, India
09	Jayashree D. Mallapur , Kirankumar Y. Bendigeri, and Santosh Kumbalawathi, “Direction Based Node Placement in Wireless Sensor Networks, IEEE”, International conference on Artificial Intelligence and Smart Systems (ICAIS 2021), 25 th -27 th March 2021, Organized by JCT college of Engineering and Technology, Coimbatore, India
10	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Real Time Monitoring of Crop in Agriculture using Wireless Sensor Networks”, 2 nd International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2020) SCOPUS Springer, 03 rd -04 th September 2020, organized by RVS College of Engineering & Technology, Coimbatore, Tamil Nadu, India
11	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Wireless Sensor Networks and its application for Agriculture” 3 rd International conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2020) SCOPUS Springer, 27 th -28 th August, 2020, organized by JCT College of Engineering and Technology, Coimbatore, India
12	Jayashree D. Mallapur and Santosh Kumbalavati, “One Step Technical Solution for Agriculture” 4th International conference on Information and Communication Technology for Competitive, Strategies, ICTCS-2019, SCOPUS, CRC PRESS Taylor and Francis, 13 th -14 th December 2019, pp. 713 - 720, ISBN: 978-1-003-05209-8, Udaipur, India.
13	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Intelligent Wireless Multidirectional Fire Extinguishing Robot” 4th International conference on Information and Communication Technology for Competitive, Strategies, ICTCS-2019, SCUPUS, CRC PRESS Taylor & Francis, 13th -14th December 2019, , ISBN: 978-1-003-05209-8, Udaipur, India, pp. 669 – 676
14	Jayashree D. Mallapur and Satyanarayan K. Padaganur, “Optimization of Cluster Head Dynamics in Heterogeneous Network”, Proceedings of International Conference on Data Management, Analytics and Innovation, 17 th -19 th January 2020, Delhi, India
15	Jayashree D. Mallapur and Shivanand Hiremath, “Optimization of Parking Dynamics in Smart City using Cloud Networks”, Proceedings of IEE Bombay Selection Signature Conference, 26 th - 28 th July 2019, Indian Institute of Technology, Bombay, Mumbai, Maharashtra, India
16	Jayashree D. Mallapur and Tej Hiremath, “Congestion Control in Cloud Computing Network for Load Balancing using Portability”, Proceedings of IEE Bombay Selection Signature Conference, 26 th -28 th July 2019, Indian Institute of Technology, Bombay, Mumbai, Maharashtra, India

17	Jayashree D. Mallapur , Annupurna Kai, Zakriya and S. C. Hiremath, “Motion Interrene Survallience Control using IoT”, Proceedings of fourth International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2019), 05 th -06 th July 2019, Hotel Taj, Goa, India.
18	Jayashree D. Mallapur , Somu Parade, Vinayak Kotyal and S. C. Hiremath, “Modified RSA for Mobile Communications”, Proceedings of 2nd International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES - 2018), 22 nd -24 th October 2018, Delhi Technological University, Delhi, India
19	Jayashree D. Mallapur and Satyanarayan K. Padaganur, “Optimized Node Swapping for Efficient Energy usage in Heterogeneous Network”, Proceedings of SPRINGER International Conference on Soft Computing and Signal Processing (ICSCSP), 22 nd -23 rd June 2018, Hyderabad, India
20	Jayashree D. Mallapur and Satyanarayan K. Padaganur, “Load Sharing Based on Optimized QoS Parameters for Heterogeneous Networks”, Proceedings of 4 th IEEE International Conference on Recent Advances in Information Technology (RAIT), 15 th -17 th March 2018, Indian Institute of Technology, Dhanbad, Jharkhand, India, pp. 551-554
21	Jayashree D. Mallapur and Satyanarayan K. Padaganur, “A Feed Forward Based Smart Link Management Scheme for Future Generation Network”, Proceedings of 4 th IEEE International Conference on Recent Advances in Information Technology (RAIT), 15 th - 17 th March 2018, Indian Institute of Technology, Dhanbad, Jharkhand, India, pp. 512-516, Citations – 2
22	Jayashree D. Mallapur and Satyanarayan Padaganur, “Performance Analysis of PDSCH Downlink and Inter-Cell Interference Parameters in LTE Network”, Proceedings of International Conference on Inventive System and Control (ICISC), 19 th -20 th January 2018, Coimbatore, India
23	Jayashree D. Mallapur , Kirankumar Y. Bendigeri and Sontosh B. Kumbalavati, “Recovery Based Fault Tolerance in Wireless Sensor Networks”, Proceedings of 2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT), 15 th -16 th December 2017, GSSS Institute of Engineering and Technology for Women, Mysuru-570016, Karnataka, India, pp. 122-128, Citations – 3
24	Jayashree D. Mallapur , Pallavi, S and Bendigeri, Kirankumar “Remote sensing and controlling of greenhouse agriculture parameters based on IoT” IEEE International Conference on Big Data, IoT and Data Science (BIGDATA), 2017, Citations – 48
25	Jayashree D. Mallapur and Satyanarayan Padaganur, “A Neural Network based Resource Allocation Scheme for 4G LTE Heterogeneous Network”, Proceedings of 2nd International Conference on Convergence of Technology (I2CT), 07 th -09 th April 2017, Pune, India, Citations – 3
26	Jayashree D. Mallapur and Shivanand Hiremath, “Vehicle Cloud Computing Network Issues and Challenges: A Survey”, Proceedings of International Conference on Communication and Signal Processing, 06 th -08 th April 2017, Tamil Nadu, India
27	Jayashree D. Mallapur and S. K. Padaganur, “Improved Cluster Head Selection in Leach Algorithm for Heterogeneous Wireless Network Using NS2”, Proceedings of 2016 IEEE International Conference on Engineering & Technology (ICETECH), 17 th -18 th March 2016, organised by Department of CSE & IT, Rathinam Technical Campus, Coimbatore, Tamil Nadu, India
28	Jayashree D. Mallapur and S. B. Kumbalavati, “Third Party Intervened Vertical Handover in Heterogeneous Networks”, Proceedings of 3rd IEEE International Conference on Electronics and Communication Systems, 25 th -26 th February 2016, Karpagam College of Engineering, Coimbatore, Tamil Nadu, India

29	Jayashree D. Mallapur and K. Nagarathna, “LNLCS: Leveraging Network Lifetime using Clock Synchronization in Wireless Sensor Network”, Proceedings of International Conference on Electrical, Electronics, and Optimization Techniques Engineering (ICEEOT- 2016), 03 rd - 05 th March 2016, DMI College of Engineering Chennai, Tamil Nadu, India, pp. 2119-2124.
30	Jayashree D. Mallapur , Sagar Budihal, Tej C. Hiremath, “QoS Based Resource Provision in Cloud Network: Fuzzy Approach”, Proceedings of International Conference on Advances in Computer Science and Applications (CAS), 31 st October, 2015, Thiruvananthapuram, Kerala, India
31	Jayashree D. Mallapur and K. Nagarathna, “E2TS: Energy Efficient Time Synchronization Technique in Large Scale Wireless Sensor Network” © Springer International Publishing Switzerland 2015, Proceedings of Artificial Intelligence Perspectives and Applications, pp. 225-234, part of the Advances in Intelligent Systems and Computing, (AISC Vol. 347), DOI: 10.1007/978-3-319-18476-0-23
32	Jayashree D. Mallapur and K. Nagarathna, “An Optimized and On-Demand Time Synchronization in Large Scale Wireless Sensor Networks”, Proceedings of Third International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2015), © Springer India 2015, 31 th July-01 st August 2015, Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bengaluru, India, pp. 47-52, DOI 10.1007/987-81-322-2550-8-29
33	Jayashree D. Mallapur and Ashwini Mannapur, “Efficient Adaptive Routing Algorithm to WSNS with Sink Mobility”, Proceedings of International Conference on Intelligent Computing and Applications, 22 nd -24 th December 2014, National Institute of Technology, Durgapur, India
34	Jayashree D. Mallapur , and Kirankumar Y. Bendigeri, “Node Optimization in Wireless Sensor Network”, Proceedings of Second International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2014), 01 st -02 nd August 2014, Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bengaluru, India
35	Jayashree D. Mallapur , Supriya H, Sontosh B. K and Tej H, “Optimization of Fuzzy Cluster Nodes in Cellular Multimedia Networks”, Proceedings of International Conference on Signal Processing, Communication and Networking (ICSPCN-2013), 05 th -06 th June 2013, organised by World Academy of Science, Engineering and Technology, New York, USA
36	Jayashree D. Mallapur and Praveen S. Challagidad, “Secured Mechanism for Dynamic Key Generation in ATM System”, Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18 th -19 th January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 45-58
37	Jayashree D. Mallapur , M. J. Sataraddi, S. C. Hiremath and Nagarathna, “Priority Based Scheduler for Bluetooth Network”, Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18 th -19 th January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 356-365, Citations – 2
38	Jayashree D. Mallapur , Kiran Y. B, K. Nagarathna, S. C. Hiremath, “Trust Based Secured Routing in Wireless Multimedia Sensor Networks,” Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24 th -26 th July 2012, Puket, pp. 47-52, Citations - 20
39	Jayashree D. Mallapur , Kiran Y. B, Sharanappa P. H and Somu P. P, “Angular Variation Methodology for Landslide Measurement,” Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24 th -

	26 th July 2012, Puket, pp. 47-52, Citations – 4
40	Jayashree D. Mallapur , and S. K. Padaganur, “Topology Scaling in Heterogeneous Networks”, Proceedings of International Conference on Emerging Trends in Engineering (ICETE-2012), 15 th -16 th May 2012, NMAM Institute of Technology, Nitte-Udupi, Karnataka, India
41	Jayashree D. Mallapur , Kirankumar Y. Bendigeri, Ramachandra G. Kulkarni and Renuka T. Ambiger, “Malicious Node Detection for Wireless Sensor Network”, Proceedings of International Conference on Control Communication and Computer Technology, (CCCT), 06 th -07 th August 2011, VITS, New Delhi, India
42	Jayashree D. Mallapur , Kirankumar Y. Bendigeri, Ramachandra G. Kulkarni and Shridevi C. Hiremath, “Topology Scalability and Routing in Homogeneous and Heterogeneous Access Networks”, Proceedings of International Conference on Advances in Recent Technologies in Communication and Computing (ARTCC-IET), organized by Department of Electronics and Communication Engineering, REVA Engineering College, Bengaluru, India, September 2011
43	Jayashree D. Mallapur , Supriya B. Harlapur, Ajaykumar C. Katageri and Virupakshreddy S. Patil, “Call Admission Control and Congestion Control for Integrated Packet Networks”, Proceedings of International Conference on Methods and Models in Computer Science (ICM2CS-2010), 13 th -14 th December 2010, organized by the School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India, pp. 100-105
44	Jayashree D. Mallapur , Supriya B. Harlapur, Sarojini B. K and Hiremath S. C, “Dwell Time for Vertical Handoff in 4G Networks”, Proceedings of International Conference on Intelligent Network and Computing (ICINC’ 2010), organized by the IEEE and IACSIT, 26 th -28 th November 2010, at Kuala Lumpur, Malaysia, Vol. 2, pp. 470-474
45	Jayashree D. Mallapur , S. S. Manvi, Ajaykumar C. Katageri and Renuka T. Ambiger, “QoS Based Scheduler in Wireless Multimedia Networks: A Fuzzy Approach”, Proceedings of International Conference on Wireless Networks (ICWN’10), organized by the 2010 World Congress in Computer Science, Computer Engineering and Applied Computing (WORLDCOMP’10), administered by Universal Conference Management Systems and Support (UCMSS), 12 th -15 th July 2010, at Monte Carlo Resort, Las Vegas, Nevada, USA
46	Jayashree D. Mallapur , Syed Abidhusain, Soumya S. Vastrad and Ajaykumar C. Katageri, “Fuzzy Based Bandwidth Management for Wireless Multimedia Networks”, Proceedings of International Conference on Recent Trends in Business Administration and Information Processing (BAIP 2010), 26 th -27 th March 2010, at Maurya Rajadhani, Trivandrum city of Kerala, India, Citations – 12
47	Jayashree D. Mallapur , Virupakshreddy S. Patil, Sharanappa H and Ramesh Koti, “QoS Based Unicast Routing in Wireless Multimedia Networks”, Proceedings of International Conference on Recent Advancements in Electrical Sciences (ICRAES’10), organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering 08 th -09 th January 2010, at K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol.-III, pp. 460-468
48	Jayashree D. Mallapur , Supriya B. Harlapur, Soumya S. Vastrad and Ajaykumar C. Katageri, “Speech Enhancement using Spectral Subtraction”, Proceedings of International Conference on Recent Advancements in Electrical Sciences (ICRAES’10), organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering 08 th -09 th January 2010, at K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol. II, pp. 471- 478

49	Jayashree D. Mallapur , Ajaykumar C. K, C. H. Mathapati and Kirankumar B. B, “QoS Based Route Selection for Multicast Group in Wireless Multimedia Networks”, Proceedings of INDICON 2009, 18 th -20 th December 2009, organized by IEEE Gujarat section in Ahmedabad at Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India, pp. 535-538
50	Jayashree D. Mallapur , and S. K. Padaganur, “ARP spoofing for Network Intrusion Detection”, Proceedings of International Conference on IT and Business Intelligence (ITBI-2009), 06 th - 08 th November 2009, Institute of Management Technology, Nagpur, India
51	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Multicast Routing in Wireless Multimedia Network by using Fuzzy Logic”, Proceedings of IEEE International Conference on Industrial Technology, 15 th -17 th December 2006, Renaissance Mumbai Hotel and Convention Centre, Mumbai, India
52	Jayashree D. Mallapur , S. S. Manvi, and Jyoti Hurakadli, “Agent Based Routing Information Fusion in Wireless Ad-Hoc Networks”, Proceedings of 2006 3 rd International IEEE Conference on Intelligent Systems, 04 th -06 th September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom, Citations – 4
53	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Bandwidth Allocation for Multimedia Traffic by using Fuzzy Logic”, Proceedings of 2006 3 rd International IEEE Conference on Intelligent Systems, 04 th -06 th September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom

Sl. No.	National Conference
01	Jayashree D. Mallapur and Zakriya, “Smart Gadget for Women Safety using IoT”, Proceedings of Third National Conference on Electronics Signal and Communication, 17 th May 2018, IEE Bengaluru Section, Bengaluru, Karnataka, India, Citations – 4
02	Jayashree D. Mallapur , Sagar Budihal, Nandan and Renuka Ambiger, “Optimized Prediction Based Routing Protocol in Ad-hoc Networks”, Proceedings of National Conference on Recent Advances in Electronics and Computers, 13 th -15 th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India
03	Jayashree D. Mallapur , Santosh Kumbalavati , S. C. Hiremath and Sadiqa Bavor, “Optimized Ticket Based Routing Protocol in Ad-hoc Networks”, Proceedings of National Conference on Recent Advances in Electronics and Computers, 13 th -15 th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India
04	Jayashree D. Mallapur and Kirankumar Y. Bendigeri, “Node Replacement in Wireless Sensor Network: An Energy Approach”, Proceedings of National Conference on Recent Advances in Electronics and Computers, 13 th -15 th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India, pp. 40-45, Citations – 5
05	Processing (NCCIP), organized by Department of Electronics and Communication Engineering, 07 th August 2013, T. John Institute of Technology, Bengaluru, India
06	Jayashree D. Mallapur and Mallikarjun Mudda, “Keyword Search over Encrypted Data in Cloud Computing”, Proceedings of National Conference on Communication and Image
07	Jayashree D. Mallapur , Kirankumar Y. Bendigeri, S. S. Patil, Ravi H. S, “Access Control in Wireless Sensor Network”, Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication, 25 th February 2011,

	Mumbai Education Trust Institute of Engineering, Nasik , Maharashtra, India
08	Jayashree D. Mallapur , Vishwanath M. Harnal, Kirankumar B. Balawad, “Intelligent Location Tracking Strategy for Managing Users’ Mobility”, Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011) , organized by Department of Electronics and Communication Engineering, 25 th February 2011, MET Institute of Engineering, Nasik , Maharashtra, India
09	Jayashree D. Mallapur , Renuka T. Ambiger, Ramachandra G Turkani, “Terrain Based Path Loss optimization in Wireless Multimedia Networks”, Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication Engineering, 25 th February 2011, MET Institute of Engineering, Nasik , Maharashtra, India
10	Jayashree D. Mallapur , Ajaykumar C. Katageri, Kirankumar B. B and Y. Bendigeri, “Heterogeneous Network Security”, Proceedings of National Conference on Networking, Embedded and Wireless Systems (NEWS-2010), organized by the Department of Electronics and Communication Engineering, 06 th August 2010, BMS College of Engineering, Bengaluru, India
11	Jayashree D. Mallapur , Smt. Renuka T. Ambiger and Smt. Mamata J. Sataraddi, “A Mobile Synchronisation Algorithm for Multimedia Applications in Wireless Networks”, Proceedings of National Conference on Communication Networking, 27 th March 2009, VAST, Thrissur, India, pp. 55-61
12	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Delay and Jitter Based Multicast Path Computation in Wireless Networks: A Fuzzy Clustering Approach”, Proceedings of (NCC-2007), 16 th -18 th January 2009, Indian Institute of Technology, Guwahati, India, pp. 430-434
13	Jayashree D. Mallapur , S. S. Manvi, S. G. Hiremath and R. B. Vijayasree, “Unicast Routing in Wireless Multimedia Networks by using Fuzzy Logic” Proceedings of National Conference at ICON ADECCO-2007, Tamilnadu, India
14	Jayashree D. Mallapur , S. S. Manvi, D. H. Rao and Manjula R. Bharamgoudar “Buffer Allocation in Wireless Multimedia Networks using Fuzzy Logic” Proceedings of NCC-2007, 26 th -28 th January 2007, Indian Institute of Technology, Kanpur, India
15	Jayashree D. Mallapur , S. S. Manvi, G. K. Chandarayya and R. S. Pujar, “A Multimedia Synchronization Scheme for Mobile Wireless Networks”, Proceedings of National Conference on Emerging Trends in Electronics and Communication Engineering, 14 th -15 th September 2006, Padre Conceicao College of Engineering, Verna, Goa, India
16	Jayashree D. Mallapur , S. S. Manvi and D. H. Rao, “Fuzzy Based Bandwidth Allocation in Multimedia Application”, Proceedings of National Conference (SPCCN-2005), 02 nd -03 rd July 2005, VIT, Pune, India
17	Jayashree D. Mallapur , S. S. Manvi and B. K. Sudheendra “Agent - Based Topology Discovery and Management in Wireless Ad-Hoc Networks”, Proceedings of Electronics Futuristic Components-05, IETE, Bengaluru, India
18	Jayashree D. Mallapur and Smt. P. Nanda “8-Bit Successive Approximation Resistor” Proceedings of National Conference on Microchips Design and Technology, 06 th -08 th , March 2003, MSIT, Janakapuri, New Delhi, India

Book Chapters Publications

Sl. No.	Name of the Author	eBook ISBN	Publisher	Year of publication	Edition	Remarks
1	Dr. J.D.Mallapur Abhishek Talawar	ICTCS2019 9781003052098DOI https://doi.org/10.1201/ 9781003052098	CRC PRESS	2020	1 st Edition	Book Chapter
2	Dr. J.D.Mallapur Abhijeet Talawar	ICTCS 20199781003052098D OI https://doi.org /10.1201 /9781003 052098	CRC PRESS	2020	1 st Edition	Book Chapter
3	Dr. Parande, S.P., Mallapur, J.D.	“Data Engineering and Communications Technologies, vol 58”	Springer, Singapore.	2022	1 st Edition	https://doi.org g/10.1007/97 8-981-15- 9647-6_49
4	Dr. Bendigeri, K.Y., Mallapur, J.D., Kumbalavati, S.B.	“Data Engineering and Communications Technologies, vol 57”	Springer, Singapore.	2022	1st Edition	https://doi.org g/10.1007/97 8-981-15- 9509-7_55
5	Dr. Bendigeri, K.Y., Mallapur, J.D., Kumbalavati, S.B.	“Data Engineering and Communications Technologies, vol 59”	Springer, Singapore.	2022	1st Edition	https://doi.org g/10.1007/97 8-981-15- 9651-3_62
6	Bendigeri, K.Y., Mallapur, J. D., Kumbalavati, S.B. Kiran B.B.	IC3T 2023: Proceedings of Fifth International Conference on Computer and Communication Technologies pp 253– 262	Fuzzy Cognitive Security Techniques for Data Aggregation in Capillary Networks	2024	1st Edition	https://doi.org g/10.1109/M C.2003.1236 475

Invited Talks	1	Speaker in webinar on “Cellular Mobile Communication at Dept. of ECE Anna University, Tiruchirappalli, 17th June 2020.
	2	Guest Lecturer to deliver a talk on “Project and Research Promotions” at B.V.V.S. Polytechnic (Autonomous) Bagalkot, 5th February 2019
	3	Invited talk on IoT in International Conference on Electrical, Electronics Communication Computer Technologies and Optimization Technology, GSSS Institute of Engineering and Technology for Women, Mysuru, 13th - 14th December 2017
	4	Resource person for the SDP under TEQIP-II on “Soft Skills for Engineering Students” at BEC, Bagalkot, 15th September 2016.
	5	Resource person at STTP on “Recent Trends in Electronics and Communication” approved by ISTE, New Delhi , 4th April 2016
	6	Resource person for “Cloud Computing” at B.V.V.S. Polytechnic (Autonomous), Bagalkot 11th March 2016
	7	Talk on “Evolution & Deployment of wireless networks from 1G to 4G” for ECE Students, BEC , Bagalkot, 22nd December , 2014
	8	Invited talk on recent advances in multimedia networks in Word Academy of Science, Engineering and Technology-WASAT-2013 - (International Conference on Aerospace, Mechanical, Automotive and Materials Engineering, New York, USA ICAMAME2013), 05th- 06th June 2013
	9	Technical talk on “Evolution and Deployment of Cellular Telecommunication Systems” for BE Students at K.S. School of Engineering and Management ,Kanakapura Road, Bangalore 22nd August 2012.
	10	Resource person for “Lecture series on recent advances in communication engineering”, sponsored by KSCST at B.L.D.E.A’SV.P.Dr.P.G.H. College of Engineering, Bijapur 3rd August 2011
	11	Resource person for a talk on “Evolution and Deployment of Cellular Networks” at KLESCET, Belgaum, 24th September 2011.
	12	Lecture on “Computer Networking” at B. L. D. E. A’S V. P. Dr. P.G.H. College of Engineering and Technology, Bijapur 19th August 2011.
	13	Resource person for VTU-VGST sponsored FDP on “Recent Advances in Wireless Sensor Networks”, on the topic Media AccessControl in Wireless Sensor Networks at Dept. of ECE, BEC, Bagalkot, 28th January 2011.
	14	Invited as Lecturer for STTP on “Computer Networks”, under ITSA at BEC, Bagalkot, 8th to 13th November 2010.
	15	Guest lecture on “Important aspects of Microcontroller” at S. G. Balekundri Institute of Technology, Shivabasava Nagar, Belgaum, 1st May 2010

Events Organized	1	Coordinator for SDP on QUALNET SIMULATION organized by Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkot under TEQIP-I during 15 th -16 th May 2013.
	2	Coordinator for STTP ON Internet Protocols organized by Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkot under TEQIP during 21 th -28 th August 2006
	3	Co-coordinators for National conference on Recent Trends in Computer communication and networking organized by Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkot under TEQIP during 15 th -16 th March 2005

Conferences/ Symposiums/ Workshops/ Training Programs Attended	1	Two days workshop on “Outcome Based Education (OBE)”, held on 1st and 2nd Feb. 2023 at Basaveshwar Engineering College, Bagalkote
	2	ISTE approved FDP Programme on “FOG-EDGE Computing and Data Science” held during 17.01.2023 to 21.01.2023 organized by Dr. D. Y. Patil Institute of Technology, Pimpri , Pune, Maharashtra.
	3	One day International webinar on Empowering Diversity in Science organized by (GWB- 2022) on 16th February 2022 kamala Nehru mahavidyalaya Nagpur
	4	Seven days All India Council for Technical Education(AICTE)-ISTE approved orientation programme on Industrial Automation and Networking held during 03.12.2021 to 09.12.2021 organized by Basaveshwar Engineering College (Autonomous), Bagalkot, Karnataka
	5	Five days All India Council for Technical Education(AICTE) ATAL Academy online Elementary FDP ON ” Insight to U.S. Baldrige Education performance Excellence Frame work organized by B V VS Polytechnic Bagalkot from 2nd August to 6th August, 2021 (Online).
	6	Five days online FDP on the theme Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 12th July to 16th July, 2021 (Online).
	7	Five days future skill development programme on IoT, organized by Indian Institute of Technology, Indore 07th - 11th December 2020. (Online).
	8	One week TEQIP - III sponsored online faculty development programme on Six Sigma, organized by IQAC and Basaveshwar Engineering College, Bagalkot, 06th - 10th July 2020 and
	9	One day E-workshop on Awareness and Prevention of Sexual Harassment at Work Places, organized by Basaveshwar Engineering College and (TEQIP), Bagalkot, 27th June 2020
	10	1 week FDP on Python at IIPS-DAVV Indore ,2020
	11	Examination Reform Policy, organized by Basaveshwar Engineering College, Bagalkot, 06th - 07th May 2020
	12	One week short term program on IoT and Embedded Systems, organized by GSS Institute of Engineering and Technology for Women, Mysuru, 24th - 28th September 2018
	13	Three days faculty development programme on Advanced Control Systems, organized by Basaveshwar Engineering College, Bagalkot, 27th - 29th March 2018

Conferences/ Symposiums/ Workshops/T raining Programs Attended	14	Three days faculty development programme on Optimization of Electronics Design System, organized by Basaveshwar Engineering College, Bagalkot, 18th - 20th February 2017
	15	One week TEQIP sponsored faculty development programme on Management Capacity Enhancement, organized by Indian Institute of Management, Tiruchy, 12th - 16th October 2015
	16	One day Workshop on IEEE APS Region Distinguished Speaker Programme, organized by Basaveshwar Engineering College, Bagalkot, 11th September 2015
	17	Two days workshop on Entrepreneurship Development and Implementation of DEBM Program, organized by Basaveshwar Engineering College, Bagalkot, 26th - 27th August 2015
	18	Two days short term program on Telecom Management Current and Emerging, organized by Indian Institute of Technology, Delhi, 20th - 21st August 2015
	19	One day workshop on Curriculum Development and Reforms, organized by Basaveshwar Engineering College, Bagalkot, 25th July 2015
	20	Three days workshop on Cloud Computing, organized by Nihon Communication, Bengaluru, 16th - 18th January 2015
	21	Three days program on Instructional Excellence in Intelligent System (INTEL PROG), organized by Basaveshwar Engineering College, Bagalkot, 28th - 30th May 2014
	22	Three days faculty development program on Advanced Computer Networking, organized by Basaveshwar Engineering College, Bagalkot, 22nd - 24th November 2013
	23	Three days senior faculty development program, organized by Basaveshwar Engineering College, Bagalkot, 11th - 13th November 2013
	24	Two days national workshop on INNO-WIE-TION, organized by Basaveshwar Engineering College, Bagalkot, 31st March - 01st April 2012
	25	One Week workshop on Wireless Sensor Networks, organized by Basaveshwar Engineering College, Bagalkot, 23rd - 28th March 2009 (Resource Personnel)
	26	Five days national conference on Computer Networks, organized by REVA Institute of Technology, Bengaluru, , 20st - 24th February 2009
	27	Four days program on Discrete Event Simulation using Qual- Net, organized by Nihon Communication, Bengaluru, 21st - 24th July 2008
	28	Four daysprogram on Computer Network Simulation, organized by Basaveshwar Engineering College, Bagalkot, 21st - 23rd February 2008
	29	One week short term program on Real Time Operating Systems, organized byBasaveshwar Engineering College, Bagalkot, 26th - 31st March 2007
	30	Three days program on Signal Processing and Its Applications, organized by Basaveshwar Engineering College, Bagalkot, 09th - 11th October 2006
	31	One Week short term program on Digital Signal Processing and Its Applications, organized by Basaveshwar Engineering College, Bagalkot, 25th - 30th September 2006
	32	One week short term program on Internet Protocols, organized by Basaveshwar Engineering College, Bagalkot, 21st - 26th August 2006
	33	Two days workshop on Wireless Network , organized by B. V. Bhoomaraddi College of Engineering and Technology, Hubballi, 01st - 02nd April 2006

34	Two days national workshop on Intellectual Property Rights Studies, organized by Basaveshwar Engineering College, Bagalkot, 17th - 18th February 2006
35	One Week short term program on Power Electronics Application to Renewable Energy Systems, organized by Basaveshwar Engineering College, Bagalkot, 17th - 22th October 2005
36	Two days workshop on Signal Processing, communication and control , organized by VIT Pune, 02nd - 03rd July 2005
37	Two days conference on Recent Trends in Computer Communication and Networking, organized by Basaveshwar Engineering College, Bagalkot, 15th - 16th March 2005
38	Short term program on Semiconductor Physics and VLSI Design, organized by Basaveshwar Engineering College, Bagalkot, 07th - 19th February 2005
39	One week short term program on Embedded Systems and Applications, organized by Basaveshwar Engineering College, Bagalkot, 22nd - 27th March 2004
40	AICTE sponsored short term program on Futuristic Materials and their Applications, organized by Basaveshwar Engineering College, Bagalkot, 18th - 30th August 2003
41	One week short term program on Learning Organization and Knowledge Management in Technical Education, organized by Basaveshwar Engineering College, Bagalkot, 16th - 21st February 2003
42	Two days workshop on Technical Challenges in the New Millennium, organized by Basaveshwar Engineering College, Bagalkot, 3rd - 04th November 2001
43	Organized by Basaveshwar Engineering College, Bagalkot, 03th - 15th September 2001
44	AICTE sponsored short term program on Recent Trends in Renewable Energy Sources,
45	Two days workshop on Current Trends in Communication, organized by PES College of Engineering, Bemgaluru, 30th - 31st July 2001
46	Short term program on Advance Computer Networking, organized by Basaveshwar Engineering College, Bagalkot, 14th - 27th September 1998
47	Induction Program for Engineering College Teachers, organized by Karnataka University Dharward, 3rd - 23rd July 1996

	Sl. No.	Name of faculty	Hosted by	In appreciation of	Year of award	Remarks
Awards and Honors	01	Dr. Jayashree D. Mallapur	KSCST	Guide of the best project of the year	2019	Title of the project Center pivot irrigation system using IoT
	02	Dr. Jayashree D. Mallapur	KSCST	Guide of the best project of the year	2018	Title of the project Center pivot irrigation system using IoT
	03	Dr. Jayashree D. Mallapur	WASET	Oral & Technical Presentation, recognition and Appreciation of Research contributions to	2013	ICSPCN, New York, USA