

A Profile of Dr. Basavaraj S. Mathapati

Personal Details:

DEAN , Sharnbasva University, Kalaburagi		
Education Qualification	B.E. (ECE), M.Tech. (CSE), Ph.D.	
DOB	06-11-1976	
Contact	+91 9448650187, +91 8472 277833	
Email-Id	drbasumath@gmail.com , dean@sharnbasvauniversity.edu.in	

Academic Qualification:

SL.No	Course	Period	College/School	Percentage
01	Ph.D.	2006-13	PDA College of Engineering, Gulbarga(Kalaburagi)	-----
02	M.Tech (Computer Science and Engineering)	2001-2003	PDA College of Engineering, Gulbarga	74.7%
03	B. E. (Electronics and Communication Engg.)	1994-1998	PDA College of Engineering, Gulbarga	71%
04	P.U.C	1992-1994	Sharnbasveshwar Science College, Gulbarga	79.5%
05	S.S.L.C	1991-1992	Sharnbasveshwar Residential Public School, Gulbarga	78.3%

Total: 20 Yrs Experience including Teaching, Research and Industry Professional Experience:

- 1. As a Professor from 1st Dec 2013 to Aug 2019**
- 2. As a Associate Professor from Oct 2013 till 30th Nov 2013**
- 3. As a Assistant Professor from Oct 2006 till Oct 2013**
- 4. As a Senior Lecturer from Sep. 2005 to Oct 2006.**
- 5. As a Lecturer from March 2003 till Sep 2005**
- 6. As a Lecturer in Sharnbasveshwar college of BCA from April 2001 till Aug 2001**
- 7. As a Software Engineer in Global Edge from Dec 2000 till April 2001**
- 8. As a Product Support Engineer in BEL Multitone from Sept. 1998 till Dec 2000.**

ADMINISTRATIVE EXPERIENCE:

1. Currently working as a dean, Sharnbasva University, Kalaburagi and also as a Principal Appa Institute of Engineering and Technology, Kalaburagi
2. Involved in the preparation of NACC/NBA work
3. Involved in the preparations of various affiliation process like VTU/AICTE/UGC
4. Currently BOS , Chairman, CSE/ISE ,Sharnabsava University. Kalaburagi
5. Worked as a HOD of Computer Science and Engineering ,Appa Institute of Engineering and Technology.
6. Worked as a Convener/Chief co-ordinator for International Conferences at our university (Organized Two International Conferences)
7. Organizing Chair for the International conferences.
8. Member, BoE, CSE/ISE board, VTU during 2017-18 and 2018-19
9. Member, Visvesvaraya Technological University(VTU) Local Inspection Committee for affiliation process during 2017-18 and 2018-19
10. Worked as a chief superintendent of university examinations
11. Worked as a deputy chief superintendent of university(VTU) valuation center
12. Paper Setter for various University Examinations of CSE/ISE Board
13. Working as a head of software/incubation center at our university. Which is actively involved in software development required by our university, We are self sufficient in term of software requirement for our university
14. Lead a Team , which has developed a full fledge examination management system including digital valuation and admission software.(Full ERP software in house)
15. As a dean involved in preparation of all high level Meetings of our university
16. Involved in organizing various Technical events like seminar, FDP and Workshops.
17. Involved in organizing various Cultural Events, Sports Events etc
18. Received a grant of Rs. 2 Lakhs from VTU-VGST for organizing one week FDP Program
19. Organized ISTE sponsored one week FDP program on NS2

PROFESSIONAL AFFILIATIONS:

1. Member IEEE -96972013
2. Life Member of ISTE
3. Life Member of IETE
4. Microsoft Certified Professional

Citations Index: Basavaraj S Mathapati

Publications: 30 | Citations: 153 | H-Index: 5 | i10 index: 3 | FDP/Workshop/Seminars 30 | Membership: 4.

Area of Interest: Wireless Sensor Networks. Mobile Adhoc Networks, Operating System and Machine Learning

Training Courses (Workshop/Seminar/FDP)

1. Participated in National Level Quiz on “*English Language and Literature*” jointly organized by IQAC and Department of English, Vijayanagar College, Hosapete on 27th May 2020.
2. Participated in the 3-day webinar series on “*Drone Technology*” organized by the Department of Electronics and Communication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru under IQAC from 15th to 17th June 2020.
3. Participated in Webinar on “*Machine Learning with Python and Cloud Deployment*” organized by Department of Computer Engineering, Zeal Institutes Pune on 19th June 2020.
4. Participated in 5 days FDP on “*Research Trends in Image Processing*” organized by Department of Electronics & Communication Engineering, Gates Institute of Technology Gooty Ananthpuramu (Dist) held during 15th – 19th June 2020.
5. Participated in FDP on “*Research Trends in Information Technology*” organized by Department of Information Science & Engineering, Smt Kamala & Sri Venkappa M Agadi College of Engineering & Technology, Laxmeshwar from 10th June to 12 June 2020.
6. Participated in Webinar on “*Towards Successful Publication of Research Work*” organized by the Department of Computer Science & Engineering under Computer Society of India Student Branch, KLE Dr. M. S. Sheshgiri College of Engineering & Technology, Belagavi held on 17th June 2020.
7. Participated in training program on “*Python 3.4.3*” organized by Spoken Tutorial IIT Bombay held on June 16th 2020.
8. Participated in Webinar on “*Cyber Forensics and the Current Challenges*” organized by B.S Abdur Rahman Crescent Institute of Science & Technology Chennai held during 13th June 2020.

9. Participated in Webinar on “*Cloud Architecture and Concepts*” organized by Department of Computer Science and Engineering, B.L.D.E. A’s V.P Dr. P. G Halakatti College of Engineering and Technology, Vijayapur held on 16th June 2020.
10. Participated in Webinar on “*Data Bite*” organized by Department of Computer Science and Engineering, B.L.D.E.A’s V.P Dr. P. G Halakatti College of Engineering and Technology, Vijayapur held on 20th June 2020.
11. Participated in Webinar on “*Software Quality*” organized by Department of Computer Science and Engineering, B.L.D.E.A’s V.P Dr. P. G Halakatti College of Engineering and Technology, Vijayapur held on 18th June 2020
12. Participated in the 3 days Virtual Hand on Training Program on “*Python for Data Analysis*” organized by School of Computing and Information Technology, Reve University Bengaluru held during 17th June and 19th June 2020.
13. Participated in Nation Level One – Week FDP on “*Machine Learning Based Project Architecture Design*” under TEQIP-III organized by Basaveshwar Engineering College (A), Bagalkot, held during 15th June to 19th June 2020.
14. Participated/ Co-ordinated in one week workshop on Advanced Techniques for simulation of Wireless Networks, organized by department of Computer Science and Engineering, Godutai Engineering college for women, Gulbarga from 13th to 17th Feb 2014.
15. Participated in Two Days KSTA Regional Conference on Science and Technology for Development, organized by School of Earth Sciences ,Central University of Karnataka,Gulbarga from 30th to 31st Jan 2014.
16. Chief Co-ordinator for 04 Days FDP program on ORACLE PL/SQL, jointly organized by Appa Institute of Engineering and Technology, VTU Belagum and VGST, a Govt. Karnataka from 3rd to 6th August 2013
17. Participated/Co-ordinated in 02 days National level Workshop on Network Simulator(NS-2), organized by department of Computer Science and Engineering, Appa Institute of Engineering and Technology, Gulbarga in association with SAT Infosys, from 22nd to 23rd June 2013
18. Participated in 02 days National level Workshop on Network Simulator(NS-2), organized by department of Computer Science and Engineering, GND College of Engineering Bidar, from 22nd to 23rd Oct 2010in association with SAT Infosys, from 22nd to 23rd June 2013.

19. Participated in the 3rd Days Workshop on Documentation Preparation for Research Publications, organized by department of Electronics and Communication Engineering, PDA College of Engineering, Gulbarga from 02nd to 04th April 2010.
20. Participated in the 02 Days Workshop on Object oriented programming, organized by department of Telecommunication Engineering, Rural Engineering College, Bhalki, 4th to 05th March 2010.
21. Participated in the 2 Days Seminar on Advances in Material Science(AMS-06) organized by department of Material Science, Gulbarga University Gulbarga, from 09th to 10th Jan 2006.
22. Participated in the 02Days National Seminar cum Workshop on Embedded Systems (FPGA) and Virtual Instrumentation, organized by department of Instrumentation Technology, PDA College of Engineering, Gulbarga, Under TEQIP, from 19th to 20th Oct 2005
23. Participated in a Short Term Courses (11 Days) on Nano Science and Engineering, organized by VTU Belgaum in collaboration with Bigtec Pvt. Ltd and M/s. Intelliscience USA under aegis of Indo-German from 28th to 8th Oct 2005.
24. Participated in the 03 Days Workshop on CGI Programming and Web Design, Organized by department of Computer Science and Engineering, PDA College of Engineering, Gulbarga, Under TEQIP, from 24th to 26th Sept. 2005
25. Participated in the 01 Day Seminar on Intellectual Property Right and Patents , organized by department of Computer Science and Engineering ,Gulbarga, PDA College of Engineering, Gulbarga, Under TEQIP on 23th Sept. 2005.
26. Participated in 02 days seminar on Emerging Trends and Challenges in Technical Education, jointly Organized by The Institute of Engineers(India) Karnataka State Center, VTU and AICTE, from 09th to 10th Nov 2004.

Publications:

INTERNATIONAL JOURNALS

1. Gajendran Malshetty, Basavaraj Mathapati, “WSN Clustering Based on EECI (Energy Efficient Clustering using Interconnection) Method”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, November 2019, ELSEVIER Scopus

2. Sridevi Hosmani, Basavaraj Mathapati,” A Life Time Based Cluster Head Selection In Vanets Using Cbltr Protocol”, Journal of Emerging Technologies and Innovative Research, September 2018, Volume 5, Issue 9.
3. Sridevi Hosmani, Basavaraj Mathapati,” QOS Aware Routing Protocol for VANETS”, Journal of Advanced Research in Dynamical & Control Systems, vol. 11,06- special issue, 2019 ISSN 1943-023X.
4. Sridevi H, Basavaraj Mathapati, “Weighted Clustering with Robust Data Aggregation for Vehicular Ad Hoc Networks”, International Journal of Science and Technology, January 2020.
5. Sridevi, Basavaraj Mathapati, “Survey On Cluster Based Data Aggregation For Vanets”, Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6.
6. Prof. Jyoti R M. Dr.BasavarajMathapati.”Reliable Traffic and Mobility Aware Position based VehicularAd Hoc Network Routing using ACO”,International Journal of Advanced Science and Technology,(IJAST)SCOUPS,Vol. 29, No. 3, (2020), pp. 645 – 669, ISSN: 2005-4238 IJAST, Copyright© 2019 SERSC
7. Prof. Jyoti R M. Dr.BasavarajMathapati.”A SURVEY ON TRAFFIC AWARE ROUTING PROTOCOL IN VEHICULAR AD-HOC NETWORKS”, International Journal of Computer Science and Information Technology Research ISSN 2348-120X (online) Vol. 8, Issue 1, pp: (95-98), Month: January - March 2020, Available at: www.researchpublish.com
8. Prof. Jyoti R M. Dr.BasavarajMathapati.”Portability based Location Routing for Vehicular Ad Hoc Networks”,JARDCS(SCOUPS),Journal of advanced research in dynamics and control system,vol,11,06-special issue:2019,ISSN1943-023X
9. Prof. Jyoti R M. Dr.BasavarajMathapati.”VANET:Moving Zone Based Routing Protocol”,© 2018 IJCRT | Volume 6, Issue 1 January 2018 | ISSN: 2320-2882,IJCRT1705198 International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org
10. Basavaraj. S. Mathapati, Dr. V. D. Mytri and Dr. Siddaram. R. Patil, “An Adaptive Energy Efficient Reliable Routing Protocol for Wireless Sensor Network”, *ACEEE International Journal on Network Security*, Vol. 1, No. 1 Jan 2010, pp. 31-36.
11. Basavaraj. S. Mathapati, Dr. V. D. Mytri and Dr. Siddarama. R. Patil,“ Simulation Environment for Wireless Sensor Networks “, *International Journal of Computer Science and Emerging Technologies*, Vol.1, Issue 2, August 2010, PP. 140-143.
12. Basvaraj. S .Mathapati, Siddarama. R. Patil, V. D. Mytri “Power Control with Energy Efficient and Reliable Routing MAC protocol for Wireless Sensor Network”, *Internationaljournal of Computer Engineering Technology(IJCET)*, Vol. 3,Issue 1,January-june 2012, pp. 223-231.

13. Basavaraj. S. Mathapati, Siddarama. R. Patil, V. D. Mytri, "Distributed Power Control with Energy Efficient Forwarding Routing Protocol for Wireless Sensor Network", *International journal of Information Technology and Knowledge Management*, July-December 2012, Vol. 5, No.2, pp. 387-392.
14. Basavaraj. S. Mathapati, Siddarama. R. Patil, V. D. Mytri, "A Reliable Data Aggregation Forwarding Protocol for Wireless Sensor Networks", *International Journal of Computer Science and Network Security*, Vol. 12, No 6 May 2012,, pp. 90-95.
15. Basavaraj. S. Mathapati, Siddarama. R. Patil, V. D. Mytri, "Data Aggregation with Energy Efficient Reliable Routing Protocol for Wireless Sensor Networks", *International Journal of Computer Science and Internet Security*, Vol. 10. No. 5 May 2012, pp. 38-43.
16. Basavaraj. S. Mathapati, Siddarama. R. Patil and V. D. Mytri, "An Adaptive Energy Efficient Forwarding Data Aggregation and Qos Protocol for Wireless Sensor Networks", *International Journal of Computer Application*, Vol. 46 Number 20, May 2012, pp. 37-45.
17. Ashwini Yenegur, Basavaraj S. Mathapati, "An algorithm for fault node recovery of Wireless Sensor Networks", *International Journal of Research Engineering and Technology*, Vol. 3 Special Issue 3, May 2014

INTERNATIONAL CONFERENCES:

1. Gajendran Malshetty, Basavaraj Mathapati, "Efficient clustering in WSN-Cloud using LBSO (Load Based Self-Organized) technique", 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI 2019), 978-1-5386-9439-8/19/\$31.00 ©2019 IEEE, IEEE Xplore Part Number: CFP19J32-ART
2. Sridevi, Basavaraj Mathapati,"Survey on cluster based routing protocols in VANETs", 2017 second International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT), 978-1-5386-2361-9/17/\$31.00 ©2017 IEEE.
3. Sridevi, Basavaraj Mathapati,"Efficient Vehicular Ad Hoc Routing protocol using Weighted Clustering Technique", 2018 Third International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT), 978-1-5386-5130-8/18/\$31.00 ©2018 IEEE
4. Prof. Jyoti R M.Dr.BasavarajMathapati."A Survey on Position based Routing Protocol in Vehicular Ad-Hoc Networks"Advances in Wireless and Mobile Communications(AWMC). ISSN 0973-6972 Volume 10, Number 5 (2017), pp. 1017-1033 © Research India Publications <http://www.ripublication.com>
5. Prof. Jyoti R M.Dr.BasavarajMathapati." Mobility Aware Efficient Location based Routing Protocol for Vehicular Ad Hoc Networks."IEEE ICEECCOT-2018.BJIT, Springer Nature.Communicated

6. Prof. Jyoti R M.Dr.BasavarajMathapati.”VANET: Vehicle to Vehicle Communication using Moving Zone Based Routing Protocol”,2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICECCOT),978-1-5386-2361-9/17/\$31.00 ©2017 IEEE
7. Basavaraj. S. Mathapati, Dr. V. D. Mytri, “An Adaptive Energy Efficient Forwarding Routing Protocol for Wireless Sensor Network”, *IEEE 2nd International Conference On Information Management and Engineering (ICIME), China*, 16 April, pp, 299-305.
8. Basavaraj. S. Mathapati, Siddarama. R. Patil and V. D. Mytri, Energy Efficient Reliable Data Aggregation Technique for Wireless Sensor Network”,*Turing 100, IEEE International Conference on Computing Sciences (ICCS)*, 14th -15th Sep 2012, India, pp. 153-149.
9. Basavaraj. S. Mathapati, Siddarama. R. Patil and V. D. Mytri, “MAC Protocol for Energy Efficient Forwarding Routing in Wireless Sensor Networks”,*4thIEEE International Conference on Computational Intelligence and Communication Networks(CICN 2012)* , 3-5 Nov 2012, Mathura, India, pp. 145-149.
10. Basavaraj. S. Mathapati, Siddarama. R. Patil and V. D. Mytri, “An Adaptive Energy Efficient Forwarding Data Aggregation and Qos Protocol for Wireless Sensor Networks” ,*Ist IEEE International Conference on Emerging Technology Trends in Electronics, Communication and Networking*, 19th -21 Dec 2012, Surat, India, pp. 1-6.
11. Basavaraj. S. Mathapati, Siddarama. R. Patil and V. D. Mytri,” Energy Efficient Cluster based Mobility Prediction for Wireless Sensor Networks”, *IEEE International Conference on Circuit Power and Computing Technologies (ICCPCT-2013)*, 22nd -23rd March 2013, Tamilnadu India, pp. 1099-1104.