

RESUME

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| 1 | Name | Mr. Gururaj S. Kori |
| 2 | Designation | Assistant Professor |
| 3 | Office Address | Electronics and Communication Engineering Department Biluru Gurubasava Mahaswamiji Institute of Technology, Mudhol-587313. Karnataka, India. Cell No.-+91-9986784608 Office Phone-08350-280404. Fax-0850-281404 |
| 4 | Residential Address | C/o: S. G. Kori H No-136/A, Ward No 10, Near Canara Bank, Mahaveer Road, Bagalkot-587101, Karnataka, India. Cell No.-+91-9986784608 |
| 5 | E-Mail | korigurus@yahoo.com korigurus@gmail.com http://bgmitm.ac.in/pdf/gurukori.pdf |
| 6 | Date of Birth | 1 st August 1982 |
| 7 | Qualification | <ul style="list-style-type: none"> • Pursuing Ph.D. at Visvesvaraya Technological University, Belagavi, Karnataka, India • M. Tech. (Digital Communications) Basaveshwar Engineering College (Autonomous), Bagalkot-03 (Visvesvaraya Technological University, Belgavi, Karnataka) in 2014 • B. E. (Electronics & Communication Engineering) Basaveshwar Engineering College, (Autonomous), Bagalkot-03 (Visvesvaraya Technological University, Belgavi, Karnataka) in 2010 |
| 8 | Ph.D. Title | Design and Development of Intelligent Resource Management Schemes for Wireless Sensor Networks. |
| 9 | M. Tech. Project Title | Energy Efficient Multipath Routing Scheme for Wireless Sensor Networks. |
| 10 | B. E. Project Title | Speech Enhancement using Conjugate Symmetry of Short Time Fourier Transform. |
| 11 | Experience | 9 Years Teaching Experience |
| 12 | Area of Interest | Wireless Networks & Communication, Wireless Sensor Networks (WSNs) & Internet of Things (IoTs), Advance Computer Networks, Ad-hoc Networks (VANET & MANET), and Multimedia Communication. |
| 13 | Subject Handled | Computer Networks, IoT & WSN, Satellite Communications, Analog Electronics Circuits & Devices, Digital Electronics & Logic Design, Microcontroller (8051) & Microprocessor (8085/86). |
| 14 | Professional Bodies Membership | ISTE: LM 102426 |

| 15 | Projects Guided | UG (B.E.) |
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| | | 1) Mobile Agent based Resource Identification Scheme for Wireless Sensor Networks 2) Cluster based Data Aggregation Scheme for Wireless Sensor Networks 3) Energy Efficient Node Scheduling and Multipath Routing Scheme for Wireless Sensor Networks |

Publications:

Journals:

- **Gururaj S. Kori**, Mahabaleshwar S. Kakkasageri, “Intelligent Agent based Resource Scheduling in Wireless Sensor Networks”, *Wireless Personal Communications, Springer (Submitted)*.
- Kirankumar B. Balavalad, Ajayakumar C. Katageri, Poornima M. Chanal and **Gururaj S. Kori**. “Energy Efficient Multipath Routing Protocol with Guaranteed Data Delivery for Wireless Sensor Network”, *International Journal of Information and Education Technology*, Vol. 04, No. 05, pp. 430-435, October 2014.

National/International Conferences:

- **Gururaj S. Kori**, Mahabaleshwar S. Kakkasageri, “Intelligent Resource Identification for Wireless Sensor Networks”, International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC-20), CMR Institute of Technology, Hyderabad, 28 - 29 March 2020 (Submitted).
- Gururaj S. Kori, Mahabaleshwar S. Kakkasageri, “Intelligent Agent based Resource Scheduling in Wireless Sensor Networks”, Proc. of the 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT-19), pp. 72-78, July 6-8 2019, IIT Kanpur, India.
- Mahabaleshwar S. Kakkasageri, Mamata J. Sataraddi, Poornima M. Chanal and **Gururaj S. Kori**, “BDI Agent Based Routing Scheme in VANETs”, Proc. of the IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET 2017), March 22-24, 2017, SSN College of Engineering, Chennai, India.
- **Gururaj S. Kori**, Mamata J. Sataraddi, Mahabaleshwar S. Kakkasageri, and Rajeshwari V. Patil, “Intelligent Routing for Hybrid Communication in VANETs”, Proc. of the 7th IEEE International Advance Computing Conference (IACC2017), January 5-7, 2017, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.
- **Gururaj S. Kori**, Poornima M. Chanal, Mahabaleshwar S. Kakkasageri, and Avani A. Shirbur, , “Energy Aware Multipath Routing Scheme for Wireless Sensor Networks”, Proc. of the 7th IEEE International Advance Computing Conference (IACC-2017), January 5-7, 2017, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.

- Basavaraj Angadi, Mahabaleshwar S Kakkasageri and **Gururaj S Kori**, “Topology Control Scheme for Fault Tolerance in Wireless Sensor Network”, Proc. of the IEEE International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs – 2016), October 3-5, 2016, Centurion University, Paralakhemundi, Odisha, India.
- **Gururaj S Kori**, Mahabaleshwar S Kakkasageri and Poornima M Chanal, “Energy Efficient Multipath Routing Protocol for Wireless Sensor Networks”, Proc. of the 1st National Conference on Recent Trends in Communication and Computing (NCRTCC - 2016), 27th February 2016, Jain Institute of Technology, Davangere, Karnataka, India.
- **Gururaj S. Kori**, Poornima M. Chanal, M. S. Kakkasageri, “Efficient Reliable Routing Scheme for VANETs” Proc. of the 4th IEEE International Conference on Communication and Signal Processing [ICCSP’15], April 2-4, 2015, pp. 937-942, Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India.
- **Gururaj S. Kori**, Poornima M. Chanal, M. S. Kakkasageri, “Energy Aware Cluster based Routing Scheme in Wireless Sensor Networks” Proc. of the International Conference on Advances in Engineering Technology and Science [ICAETs 2014], 26-27 April 2014, pp.134-138, Munnar, Kerala, India.
- Poornima M. Chanal, **Gururaj S. Kori**, M. S. Kakkasageri, “Critical Data Validation Scheme in Vehicular Ad Hoc Networks” Proc. International Conference on Advances in Engineering Technology and Science [ICAETs 2014], 26-27 April 2014, pp.139-143, Munnar, Kerala, India.

Training/Courses Attended:

- Four weeks Industrial Training at “Bharat Sanchar Nigam Limited (BSNL)” held at BSNL Exchange Bagalkot, 15th Oct 2013 to 12th Nov 2013.

Seminars/Workshops/Symposiums Attended:

- One day workshop on “**e-Sim, a First Course in the IoT Series for Teachers**”, this workshop was organised by the Teaching Learning Centre ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) at Jain College of Engineering Belagavi on 21st September 2019.
- One day workshop and new learning experience on “**Role of Ratings, Rankings and Accreditation in Creating Institutions of Eminence and Excellence**”, at PES University. Is organized by Board for IT Education Standards (BITES) and Visvesvaraya Technological University (VTU), Belgavi in association with PES University, Bengaluru and Indian Centre for Academic Rankings and Excellence (ICARE) on Saturday 21st July 2018.
- Two days’ TEQIP-III sponsored workshop on “**Sensor Network**” held in Basvaeshwar Engineering College (Autonomous), Bagalkot, 08th to 09th January 2018.
- One day FDP online on “**Networking Simulation using Qualnet Software**” organised by DELLSOFT Technologies Pvt. Ltd., on 17th October 2017.

- Three days' TEQIP-II sponsored FDP on **“Recent Advances in Signal Processing and Communication Networks”**, jointly organised by Dept. of ECE, BEC BGK and Dept. of ETC, GEC Goa, held at Basvaeshwar Engineering College (Autonomous), Bagalkot, on 17th to 19th March 2017.
- Two days International Symposium on **“Green Technologies for Sustainable Development”**, sponsored by TEQIP-II held at Basvaeshwar Engineering College (Autonomous), Bagalkot, on 24th to 25th February 2017.
- TEQIP-II sponsored three days SDP on **“Vehicle in Network Simulation - VEINS”**, organised by Dept. of ECE, Basvaeshwar Engineering College (Autonomous), Bagalkot, on 17th to 19th January 2017.
- One day Symposium on **“Challenges and Opportunities in IoT- A Better Solution by Libelium”**, sponsored by TEQIP held at Dept. of ECE, B.V.B College of Engineering and Technology, Hubballi, on 18th October 2016.
- One day National Level Workshop on **“Research Methodology”** at Basaveshwar Engineering College (Autonomous), Bagalkot, from 19th December 2015.
- Three days National Level Workshop on **“Intel® Atom™ Processor based Embedded System Design and Development”**, held at Department of Electronics & Communication Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot, from 28th to 30th May 2014.
- Two days' workshop on **“Network Simulator-3”**, held in NITK, Surathkal, 06-07th December 2013.
- Three days' workshop on **“Advanced Network Computing and Simulation”** organised by Dept. of CSE, Basvaeshwar Engineering College (Autonomous), Bagalkot, 22nd to 24th November 2013.
- Five days' workshop on **“Wireless Networking and Testing”**, held at B. V. Bhoomaraddi College of Engineering and Technology, Hubli-31, 28th August to 1st September 2013.
- Three days Faculty Development Programme on **“Design, Modeling and Simulation of MEMS Devices”**, held at Basaveshwar Engineering College (Autonomous), Bagalkot, 10th-12st July 2013.
- Three days Faculty Development Programme on **“Soft and Evolutionary Computing Techniques and its Applications”**, held at Basaveshwar Engineering College (Autonomous), Bagalkot, 30th May-1st June 2013.
- Three days National Level Workshop on **“Technical Documentation Using LATEX”**, held at Basaveshwar Engineering College (Autonomous), Bagalkot, 27th-29th May 2013.
- Three days National Level Workshop on **“Implementation of Signal Processing Algorithms Using FPGAs”**, held at Basaveshwar Engineering College, Bagalkot (Autonomous), 23rd-25th May 2013.
- Three days Faculty Development Programme on **“Recent Advances in Wireless Networks”**, held at Basaveshwar Engineering College, Bagalkot (Autonomous), 16th-18th May 2013.
- Two days Student Development Programme on **“Rapid Qualnet Simulator”**, held in Basaveshwar Engineering College, Bagalkot (Autonomous), 14th-15th May 2013.

Professional Activities:

- Coordinator for VTU Examinations at College level from 2019.
- Campus Network Coordinator (BGMITM Campus LAN) from 2015.
- Member of Free and Open Source Software core group at college level.
- Coordinator of Karnataka State Council for Science and Technology (KSCST), Bangalore, at department level for the year 2016 and 2017.
- Coordinator for HRD Programmes organised at college level from 2017.

References:

1. Prof. S. M. Iddalagi

Professor

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2. Dr. Mahabaleshwar S. Kakkasageri.

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