

## FACULTY PROFILE

**Name** : **Prof. Shridevi C Hiremath.**



**Designation** : Associate Professor.  
**Department** : Electronics and Communication Engineering,  
**Employee ID** : 1-462211293  
**E mail ID** : [shec@becbgk.edu](mailto:shec@becbgk.edu)  
(College official ID), [shiremath837@gmail.com](mailto:shiremath837@gmail.com)  
(Personal mail ID)  
**Contact details** : **Plot No: S-70, 13<sup>th</sup> Cross, Sector No: 63A,  
Brindavan Sector, Navanagar, Bagalkote-587 103.**  
**Scopus ID** : 37722044400  
**Vidwan Id** : 125046  
**Google Scholar ID** : CZQ5TNkAAAAJ

**Qualification** : M.Tech

### Professional Experience

Teaching experience : 27

Industry experience : -

### Administrative Responsibilities

- 1 Coordinator and student advisor for Electronics and Communication Student Association, Basaveshwar Engineering College, Bagalkot.
- 2 Coordinator Anti ragging Committee, Basaveshwar Engineering College, Bagalkot.
- 3 Paper Setting and Moderator, VTU Belagavi.
- 4 BOS Member 2015, E&CE Department Basaveshwar Engineering College, Bagalkot.

**Teaching** : UG

### No. of Projects Guided

UG : 25

PG :

### Research

- Interest Area :
- 1 Power Electronics.
  - 2 Wireless Networks.
  - 3 IoT.

### Conferences

1. S. C. Hiremath, J.D.Mallapur, Supriya B. Harlapur, Sarojini B.K "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, Kuala Lumpur Malaysia, on 26th - 28th November 2010, Vol. 2, pp. 470-474.

2. S. C. Hiremath, J. D. Mallapur, Kirankumar Y. Bendigeri, Ramachand G Turkani, "Topology Scalability and Routing in Homogeneous and Heterogeneous Access Networks", *Proceedings of Int. Conference on Advances in Recent Technologies in Communication and Computing (ARTCCIET)*, organized by Department of Electronics and Communication Engineering, September 2011, REVA Engineering College, Bangloru. India.
3. S. C. Hiremath, Kiran Y. B, K. Nagarathna, J. D. Mallapur, "Trus Based Secured Routing in Wireless Multimedia Sensor Networks," *Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks*, 24<sup>th</sup>-26<sup>th</sup> July 2012 Puket, Thailand. pp. 47-52, Citations-20.
4. S. C. Hiremath, J. D. Mallapur, M. J. Sataraddi, and Nagarathna "Priority Based Scheduler for Bluetooth Network", *Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3)*, 18<sup>th</sup>-19<sup>th</sup> January 2013, Fr. Conceicao Rodrigue College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 356-365, Citations-02.
5. S. C. Hiremath, J. D. Mallapur, Santosh Kumbalavati, and Sadiq Bavor, "Optimized ticket based routing protocol in Ad-hoc networks" *Proceedings of National Conference on Recent Advances in Electronic and Computers*, 13<sup>th</sup>-15<sup>th</sup> February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India.
6. S C Hiremath, J. D. Mallapur, Anupama Kai, Mohammad Zikriya "Motion Intervane Survallience Control Using IoT. In fourth International Conference on Information and Communication Technology for Sustainable Development (ICT4SD2019). held during July 5<sup>th</sup> to 6<sup>th</sup>, 2019 at GOA, India.

**Invited Talks**

**Events Organized**

**Conferences/ Symposiums/  
Workshops/ Training  
Programs Attended**

- : Resource person HRD training programme held in BEC, Bagalkot
- : 1 SDP on Qualnet Simulator.
- : 2 Workshop on "Power of Internet of Things(IoT)".
- : 1. Induction Program for Engineering College Teachers, organized by Karnataka University Dharward, from 17<sup>th</sup> Feb to 09<sup>th</sup> March 1998.
- : 2. Two weeks short term program on Robotics and Flexible Manufacturing Systems organized by Cummin's Pune, 22<sup>nd</sup> June to 04<sup>th</sup> July 1998.
- : 3. AICTE sponsored short term program on Recent Trends in Renewable Energy Sources, organized by Basaveshwar Engineering College, Bagalkot, 03<sup>rd</sup> to 15<sup>th</sup> September 2001.
- : 4. AICTE sponsored short term program on Processing of Composite Materials, organized by Basaveshwar Engineering College, Bagalkot, 26<sup>th</sup> August to 07<sup>th</sup> September 2002.
- : 5. AICTE sponsored short term program on Futuristic Materials and their Applications, organized by Basaveshwar Engineering College, Bagalkot, 18<sup>th</sup> to 30<sup>th</sup> August 2003.
- : 6. One week short term program on Learning Organization and Knowledge Management in Technical Education, organized by Basaveshwar Engineering College, Bagalkot, 16<sup>th</sup> to 21<sup>st</sup> February 2003.
- : 7. One week short term program on Embedded Systems and Applications, organized by Basaveshwar Engineering College, Bagalkot, 22<sup>nd</sup> to 27<sup>th</sup> March 2004.
- : 8. Five days short term programme on Recent Trends in Power Electronics organized by I I Sc, B.lore, 5<sup>th</sup> to 09<sup>th</sup> July 2004.
- : 9. Two weeks short term program on Recent Trends in Power

- Electronics Circuits. organized by NMAM, Nitte, 21<sup>st</sup> Feb to 05<sup>th</sup> March 2005.
10. Two days conference on Recent Trends in Computer Communication and Networking, organized by Basaveshwar Engineering College, Bagalkot, 15<sup>th</sup> to 16<sup>th</sup> March 2005.
  11. Two days workshop on Signal Processing, communication and control , organized by VIT Pune, 02<sup>nd</sup> to 03<sup>rd</sup> July 2005.
  12. One Week short term program on Digital Signal Processing and Its Applications, organized by Basaveshwar Engineering College, Bagalkot, 25<sup>th</sup> to 30<sup>th</sup> September 2006.
  13. Three days program on Signal Processing and Its Applications, organized by Basaveshwar Engineering College, Bagalkot, 09<sup>th</sup> to 11<sup>th</sup> October 2006.
  14. Five days program on Speech and Image Processing, organized by Basaveshwar Engineering College, Bagalkot, 23<sup>rd</sup> to 28<sup>th</sup> July 2007.
  15. Five days program on Embedded Systems, organized by Basaveshwar Engineering College, Bagalkot, 5<sup>th</sup> to 10<sup>th</sup> Feb 2007.
  16. Three days program on Computer Network Simulation, organized by Basaveshwar Engineering College, Bagalkot, 21<sup>st</sup> to 23<sup>rd</sup> Febuary 2008.
  17. Five days workshop on Wireless Sensor Networks, organized by Basaveshwar Engineering College, Bagalkot, 24<sup>th</sup> to 28<sup>th</sup> Feb 2009.
  18. Three days program on Recent advances in Wireless Networks, organized by Basaveshwar Engineering College, Bagalkot, 16<sup>th</sup> to 18<sup>th</sup> May 2013.
  19. Three days program on Implementations of Signal processing algorithms using FPGA, organized by Basaveshwar Engineering College, Bagalkot, 23<sup>rd</sup> to 25<sup>th</sup> May 2013.
  20. Three days program on Designs modeling and simulation of MEMS devices, organized by Basaveshwar Engineering College, Bagalkot, 30<sup>th</sup> May to 01<sup>st</sup> June 2013.
  21. Three days program on Recent advances in Wireless Networks, organized by Basaveshwar Engineering College, Bagalkot, 10<sup>th</sup> to 12<sup>th</sup> July 2013.
  22. Two days program on Soft and Evolutionary computing Technique and its Applications, organized by Basaveshwar Engineering College, Bagalkot, 30<sup>th</sup> June to 01<sup>st</sup> July 2013.
  23. Three days program on Design Modeling and Simulation of MEMS Devices, organized by Basaveshwar Engineering College, Bagalkot, 10<sup>th</sup> to 12<sup>th</sup> July 2013.
  24. Two days program on Effective Leadership for Excellence, organized by Basaveshwar Engineering College, Bagalkot, 08<sup>th</sup> to 09<sup>th</sup> Feb 2014.
  25. Two days short term program on Telecom Management Current and Emerging, organized by Indian Institute of Technology, Delhi, 20<sup>th</sup> to 21<sup>st</sup> August 2015.
  26. One day program on Workshop on outcome based education, organized by Basaveshwar Engineering College, Bagalkot, 18<sup>th</sup> Dec 2015.
  27. One day program on Workshop on Research Methodology, organized by Basaveshwar Engineering College, Bagalkot, 19<sup>th</sup> Dec 2015.
  28. Three days FDP on Teaching and Learning, organized by IIT Chennai, 12<sup>th</sup> to 16<sup>th</sup> Sept 2016.
  29. Three days program on CEP course on Optimization in Design and Engineering, organized by I I T Bombay in association with Basaveshwar Engineering College, Bagalkot, 28<sup>th</sup> to 30<sup>th</sup> Jan 2017.
  30. Two days program on International Symposium on Green Technologies for Sustainable Development, organized by Basaveshwar Engineering College, Bagalkot, 24<sup>th</sup> to 25<sup>th</sup> Feb 2017.

31. One week short term program on FDP on IOT and Embedded System Design, organized by Academy IIT Guwahati. in association with GSSS, Institute of Engineering and Technology for Women, Mysuru, 24<sup>th</sup> to 28<sup>th</sup> September 2018.
32. Two days workshop on Examination Reform Policy, organized by Basaveshwar Engineering College, Bagalkot, 06<sup>th</sup> to 07<sup>th</sup> May 2020.
33. Three days online Webinar FDP on “Digital Era of Teaching”, organized by Diksoochi, Mysuru, 11<sup>th</sup> to 13<sup>th</sup> May 2020.
34. Two weeks short term program on TEQIP-III, On line Certification on “Digital Transformation In Teaching Learning Process organized by IIT Bombay, 14<sup>th</sup> Feb to 06<sup>th</sup> March 2020.
35. One week On line FDP on “PYTHON” organized by IIPS DAVV Indore, 01<sup>st</sup> to 06<sup>th</sup> June 2020.

## **Awards and Honors**

- : Guide of the “Best project of the year 2019” Title of the project “Centre pivot irrigation system using IoT”. (Hosted by KSCST )