

FACULTY PROFILE

Name : **Dr. Shankarayya G. Kambalimath**



Designation : **Associate Professor**

Department : **Electronics and Communication Engineering**

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Contact details : **Dr. S. G. Kambalimath**
Associate Professor, Dept. of E&CE
Basaveshwar Engineering College, Bagalkot-587102,
Karnataka

Scopus ID : **56046078100**

Vidwan Id : **125092**

Google Scholar ID : **-eZ6z4sAAAAJ&hl**

Qualification : **PhD, ME, BE**

Professional Experience

Teaching experience : **28 Years**

Industry experience : **06 Months**

Administrative Responsibilities

1. TEQIP-III Coordinator, Feb. 2021 to till date
2. Placement Officer, Since Dec. 2020 to till date
3. BEC - KarMic industry institute coordinator, from 2000 to
4. 20014.
5. Assistant Placement Officer, from 2004 to 2013.
6. Dept. National Board of Accreditation (NBA) Coordinator in the academic year 2004 - 2005.
7. Visiting faculty to PG Centre, VTU Belagavi during 2004 to 2006.

8. VTU BEC valuation center, finance officer for two years.
9. Coordinator of AICTE MODROBS Project on "ECAD Lab"
10. BEC Campus LAN network coordinator from 2011 to
11. BEC TEQIP-III Nodal Officer (Finance) from April 2017 to Jan 2021

Teaching : **UG and PG**

No. of Projects Guided

UG : **50**

PG : **10**

Research

Interest Area : **VLSI and Signal Processing**

No. of Research Scholars

Pursuing : **01**

Awarded : **Nil**

Conferences

1. S. G. Kambalimath, P. C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, and S. G. Hiremath, "FPGA-Based Design of a Hearing Aid with Frequency Response Selection through Audio Input" in Proc. IEEE VLSID 2016, Kolkata, India 13–15 Jan. 2016
2. S. G. Kambalimath, P. C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, and S. G. Hiremath, "FPGA-based implementation of comb filters using sequential multiplyaccumulate operations for use in binaural hearing aids," in Proc. IEEE INDICON 2014, Pune, India, 11–13 Dec. 2014.
3. S. G. Kambalimath, P. C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, and S. G. Hiremath, "FPGA based implementation of comb filters for use in binaural hearing aids for reducing intraspeech spectral masking," in Proc. IEEE INDICON 2013, Mumbai, India, 13–15 Dec. 2013.
4. M. S. Tambakad, and S. G. Kambalimath, " VLSI implementation of Viterbi Decoder," National conference on emerging trends in Electronics and communication, VERNGOA, India, 14-15 Sept. 2006.
5. S. G. Kambalimath, and B. K. Sarojini "Design of charge pump phase locked loop based clock generation circuits" proceeding of BioMedical Electronics and telecommunication (BET), international conference, Visakhapatanam, India, Sep. 2004.
6. S. G. Kambalimath, R. B. Shpeermatti, and B. G. Sheeparmatti, "Modeling and Simulation of Walsh Hadmard Transform using VLSI", Proceedings of the International Conference on Digital Aided Modeling and Simulation, Coimbatore, India, 6-8 Jan. 2003.
7. S. G. Kambalimath, and 21 others : "Image Compression Through Integrated Effort : Design of an IDCT Chip using OCEAN and MAGIC" 6th VLSI Design and Test Workshops, VDAT 2002, Bangalore, India, 29-31 Aug. 2002
8. S. G. Kambalimath, Uma Mudengudi, and Rajlaxmi Samga : "DumPoyee an Industry and Institute Interaction", VLSI Design & Test Workshops. VDAT, Bangalore, India, 16- 18 Aug. 2001.

Events Organized

1. AICTE–ISTE Sponsored Short Term Training Programme on “Semiconductor Physics and VLSI Design”, 7th– 19th February, 2005. Coordinators Prof. S. G. Kambalimath and Dr. K. Chandrasekhar.
2. TEQIP–I Sponsored Faculty Development Programme on “Embedded Systems”, 5th–10th February, 2007. Coordinators Prof. S. G. Kambalimath and Dr. B. G. Sheeparmatti.
3. TEQIP–II Sponsored Faculty Development Programme on “Implementation of Signal Processing Algorithms using FPGAs”, 23rd–25th May, 2013. Coordinators Prof. S. G. Kambalimath and Dr. P. N. Kulkarni.
4. TEQIP–II Sponsored National Level Workshop on “Intel Atom™ Processor based Embedded System Design and Development” 28th–30th May, 2014. Coordinators Prof. S. G. Kambalimath and Prof S. M. Iddalagi.

Conferences/ Symposiums/ Workshops/ Training Programs Attended

1. Course on "System Thinking and Applications" conducted by Prof. L. S. Ganesh, IIT Madaras, Cehnnai from 12th Oct. 2018 to 30th Nov., 2018 at Basaveshwar Engineering College, Bagalkot
2. Workshop on "Equity Action Plan (EAP)" organized by SPIU, Karnataka & BMS College of Engineering Bnagalore on 14th Nov., 2018 at BMS College of Engineering
3. Workshop on "TEQIP-III: Financial Management and PFMS" organized by Dr. Ambedkar Institute of Technology, Bangalore, on 30th and 31st July, 2018.
4. Workshop on "TEQIP-III MIS" Organized by National Project Implementation Unit (NPIU) held on 27th June 2018, at VJTI, Mumbai. [
5. Shiv Khera's Management Capacity Enhancement Program on "HI - Impact Leadership, Blue Print for Success" during 7th - 9 th March, 2018 at Mumbai
6. Two days International Symposium on "Green Technologies for Sustainable Development" organized by Basaveshwar Engineering College, Bagalkot on 24th & 25th Feb., 2017. under TEQIP-II
7. Workshop on "Research Methodology" organized by Basaveshwar Engineering College, Bagalkot on 19th Dec., 2015. under TEQIP-II
8. Workshop on "Outcome Based Education" organized by Basaveshwar Engineering College, Bagalkot on 18th Dec., 2015. under TEQIP-II
9. Workshop on “Management Capacity Enhancement Programme (MCEP)” organized by Indian Institute of Management (IIM), Indore during November 16 to 22, 2015.
10. Workshop on “Curriculum Development and Reforming” organized by Dept. of Electronics and Communication Engineering, Basaveshwar Engineering College, Bagalkot on 25th July, 2015.
11. “2nd World Summit on Accreditation (WOSA 2014)” organized by National Board of Accreditation, during March 08th - 10th March, 2014 at New Delhi.
12. Faculty Development Programme on “Research Methodologies” organized by Dept. of Electronics and Communication Engineering, BVB College of Engineering and Technology, Hubli during 13th – 15th February, 2014.
13. Workshop on “Effective Leadership for Excellence” organized by International Academy for Competency Enhancement, Bangalore during 06th – 07th February, 2014.

14. Winter School on “Speech and Audio Processing (WiSSAP 2014)” organized by Centre of Excellence in Signal Processing and International Institute of Information Technology, Hyderabad during 17th – 20th January, 2014.
15. Faculty Development Programme on “Recent Advances in Wireless Networks” organized by Dept. of Electronics and Communication Engineering, Basaveshwar Engineering College, Bagalkot during 16th – 18th May 2013.
16. “Industry – Academia Workshop” organized by organized by BVB College of Engineering and Technology, Hubli and Sankalp Semiconductor Private Ltd. Hubli during 11th – 12 th January, 2013.
17. Faculty Development Programme on “Wireless Sensor Networks” organized by Dept. of Electronics and Communication Engineering of Basaveshwar Engineering College, Bagalkot during 24th – 28 th February, 2009.
18. Faculty Development Programme on “SCADA and PLCs for Industrial Automation” organized by Dept. of Instrumentation Technology, Basaveshwar Engineering College, Bagalkot during 21th – 23rd December, 2006.
19. Short Term Course on “Tracer Studies of the Graduates of Engineering Colleges under TEQIP” organized by National Institute of Technical Teachers Training and Research, Chennai during 06th – 10th November, 2006.
20. Faculty Development Programme on “Signal Processing and its Applications” organized by Dept. of Instrumentation Technology, Basaveshwar Engineering College, Bagalkot during 09th – 11th October, 2006.
21. “VTU-VSI-ISA Confluence – 2006” Organized Dept. of Electronics and Communication Engineering, BVB College of Engineering and Technology Hubli on 13th October 2006.
22. Conference on “IT Workforce Development a Roadmap for India Academia on Multi Core Technologies” organized by B.M.S. College of Engineering in association with Intel Higher Education Programme Bangalore during 19th – 20th September, 2006.
23. Faculty Development Programme on “Digital Signal Processor and its Applications” organized by Dept. of Instrumentation Technology, Basaveshwar Engineering College, Bagalkot during 25th – 30th September, 2006
24. Workshop on “Student Guidance and Counseling – Role of Faculty” organized by Entrepreneurship Development Cell, Visvesvaraya Technological University, Belgaum during 02nd – 04th August, 2004.
25. Short Term Training Programme on “Learning Organization and Management in Technical Education” Organized by Department of Mechanical and Electrical & Electronics Engineering, Basaveshwar Engineering College, Bagalkot during 16th – 21st February, 2004.
26. Workshop on “E – Learning” organized by State Project Facilitation Unit, Hyderabad during 24th – 25th October, 2005.
27. Short Term Training Programme on “Processing of Composite Materials” organized by the Department of Mechanical Engineering, Basaveshwar Engineering College, Bagalkot during 26th August – 07th September, 2002.
28. National Seminar on “Technical Education and Challenges in the New Millennium” organized by Basaveshwar Engineering College, Bagalkot during 03th – 04th November, 2001.

29. "Induction Programme for Engineering College Teachers" organized by Academic Staff College, Karnataka University, Dharwad during 06th -26th June, 1995.
30. Workshop on "Electronic Design Automation Tools" organized by Dept. of Electronics and Communication Engineering, Basaveshwar Engineering College, Bagalkot during 19th – 21st October, 1995.