

Prof. Killarikar Sharda Shivappa
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Academic Qulification

ME (Electronics, Specilization in Computer Technology) SGGGS College Nanded, SRTMU Nanded. December 2009. Marks 62%. First class.

BE (Electronics) MSBE College Latur. Dr. BAMU Aurangabad. July1990. Marks 66%. First class with Distinction.

Work Experience:

- 8 years 1 months experience as Lecturer (18-02-1991 to 31-03- 1999).
 - 10 Years 5 Months as Senior Lecturer (01-04-1999 to Sept 2009).
 - 4 Years 10 Months as Assistant Professor (Oct 2009 to August2014).
 - 9 Years 8 Months as Associate Professor (1st Sept 2014 till date).
- Total teaching experience of 33 years in the Dept. of Electronics Engineering. of M. S. Bidve Engineering College, Latur.

Administrative Experience

Working as Head of Electronics Engineering Department from March 2022 till date.

Area of Interest

Digital system design, Computer Network.

Subjects taught:

Postgraduate Courses:

Advanced Computer Architecture, Advanced VLSI Design, Optical fiber communication.

Undergraduate Courses:

Network and Lines, Digital Electronics, Digital System Design using VHDL, Computer Organization, Computer Network, Electronic Measurements & Instrumentation, Linear Integrated Circuits, Semiconductor devices and applications, Control System, Electrical Engineering, Microelectronics, Internet of Things.

Key Responsibilities held

- Worked as member of Squad committee for May/June 2009 & May/June 2011 S.R.T.M University, Nanded, Examination.
- Worked as Chief Superintendent (C.S) of examination at MSBEC Latur, in SRTM University, Nanded (MS), held in May/June 2012 & May/June 2016.
- Worked as FC Coordinator for Admission in the Academic year 2018-19.

Seminars & Workshops Attended :

01. "Xilinx and Mentor Graphics tools for VLSI design.", M.S. Bidve Engg. College, Latur, 2 day. 2006.
- 02 " DSP & its applications in Communication, Control & Biomedical Engg", RAIT. Nerul, Navi Mumbai, 5 Days (3rd July to 7th July 2006).
- 03 " Faculty Development program by ICFAI University Tripur", Rahi Chandra Mangal Karalaya Latur, One Day (Feb 2008).
- 04 "Applications on Digital Signal Processing in industry:", SGGS College of Engineering Nanded , 02 Days. March 20, 21 2010.
- 05 "Trends in VLSI design and Embedded systems", M.S. Bidve Engg. College, Latur, one week (23-01-2012 to 27-01-2012).
- 06 "Open Source Software," M. S. Bidve Engg. College Latur, One Day workshop By Prof. Sanjay Shitole. 05/05/2012

- 07 STTP on “Emerging Trends in Microwave & Microstrip Devices”, Sponsored by ISTE & IETE, MIT, Aurangabad. May 7th to 11th, 2012.
- 08 ISTE Workshop on “Research Methodology”, by IIT Bombay in its Remote Center at M. S. Bidve Engg. College Latur, 10 Days (Two week), 25th June to 4th July 2012.
- 09 ISTE Workshop on “AakashTab”, by IIT Bombay in its Remote Center at M. S. Bidve Engg. College Latur, 2 days, 10th & 11th November 2012
- 10 2-Day ISTE Workshop on Research methods in educational Technology being conducted by IIT Bombay on 2nd and 9th Feb 2012.
- 11 ISTE Workshop on “Computer Networking”, by IIT Bombay in its Remote Center at M. S. Bidve Engg. College Latur, one week, 30th June to 5th July 2014.
- 12 ISTE Workshop on “Network Security”, by IIT Bombay in its Remote Center at M. S. Bidve Engg. College Latur, Two weeks, 10th July to 20th July 2014.
- 13 One day workshop on “ Wavelet Transform” by Dr. Manesh Kokare from SGGGS Nanded at MSBEC Latur on 9th November 2014.
- 14 ISTE Workshop on “Control Systems”, by IIT Kharagpur at its Remote Center at M. S. Bidve Engg. College Latur, Two weeks, 2nd to 12th December, 2014.
- 15 One day workshop on “Industry Institute Interaction & Participation” in Embedded & VLSI Domain at SGGGS Institute of engg & Technology, Nanded, on 4th August 2015.
- 16 ISTE Workshop on “Engineering Physics”, by IIT Bombay at its Remote Center at M. S. Bidve Engg. College Latur, Two weeks, 8th December to 18th Dec, 2015.
- 17 ISTE Workshop on “CMOS, Mixed Signal and Radio frequency VLSI Design”, by IIT Bombay at its Remote Center at M. S. Bidve Engg. College Latur, Two weeks, 30th Jan 2017 to 4th Feb, 2017.

Papers Presented:

- 01 “A VHDL Approach to sample CPU design”, Two days national Conference on “Computer Science and Information Techonology”, COCSIT, Latur.
- 02 “ VHDL based design of a processor”, Two Days Nationl Conference on “Advances in signal processing an communications”, at G. S. moze College of Engg. Bhalewadi Pune, 18, 19 Feb 2011.
- 03 “Survey on wireless Sensor Network”, in “Three days International Conference on “Current trends and challenges in management, Engineering, Computer Application and Techonology (ICCTMECAT, 2012)”, at Deogiri college campus, Aurangabad INDIA. 23, 24, 25 March 2012. Paper ID ICA0130.
- 04 “An Enhanced QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks”, published in International Journal of Innovative and Applied Research ((03) issue, VOL 3, Date: March 30, 2015).
- 05 “Symmetrical Slot on C-Shape Microstrip Patch for Tri-band Application”, published in IJCA September 2015 Edition with effect from September 18, 2015. ISBN :973-93-80889-26-0
- 06 “C- Shape Microstrip Patch for dual Band on different shape Ground Plane,”Published in ISBN: 973-93-80887-92-9. July 2015.
- 07 “ULTRASONIC RADAR NAVIGATION BY USING ULTRASONIC SENSOR” Published in JETIR (ISSN-2349-5162) July 2017, Volume 4, Issue 07.
- 08 “ Analysis of OFDM using PTS with Different Modulation Techniques” Published in IJMTE Journal, Vol 8, ISSUE VI, June 2018
- 09 “PTS based OFDM with companding using different Modulation Techniques” Published in IJMTE Journal, Vol 8, ISSUE VII, July-2018
- 10 “An Efficient Design of High Performance Different types of Oscillator for WI-FI and ISM bands of applications using 14nm FinFET Technology” Published In IJERT, Volume. 8, Issue. 7 , July – 2019.
- 11 “An Efficient Design of high performance different types of Oscillator for WI-FI and ISM bands of applications using 14nm FinFET Technology”. Published in IJMTE JOURNAL, VOLUME IX, ISSUE XII, and DECEMBER-2019.
- 12 “Smart Energy Management Using WSN” Published In JETIR, Volume. 4, Issue. 7 , July – 2018.
- 12 “IoT Based Rasberry Pi Home Automation System Using Amazon Dot” Publis in IJERA JOURNAL, VOLUME 8, ISSUE 11, NOV-2018.
- 13 “ULTRASONIC RADAR NAVIGATION USING RC4

- ALGORITHM FOR SECURITY”Published in JETIR (ISSN-2349-5162)
, Volume 7, Issue 3.March2020.
- 14 “Analysis ofCoherent Optical OFDM System using Adaptive
Volterra Equalizer Published in IJERA JOURNAL, VOLUME 12, ISSUE
09, Sept -2022.

FDP Webinars & Workshops Attended 2020

1. Webinor on Desigining IOT Systems” by Abhigyanam Giri Organized by Shri Tuljabhavani college of engineering Tuljapur.on June 15th 2020.
2. National Level Webinar on “Artificial Intelligence for All” Organized by Department of Computer Science and Engineering in association with Findability Sciences Pvt. Ltd. on 14th June 2020 at MSPM’s DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES.
3. One Day Workshop on C and C++ held at M. S. Bidve Engineering College, Laturon 29 February 2020 This training 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), MHRD, Govt. of India.
4. One week Faculty Development Program on "*Problem Based Learning*" organized by the Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 1st June to 5th June 2020.
5. Webinar on 'INTELLECTUAL PROPERTY RIGHTS' organized by Bharati Vidyapeeth's College of Engineering for Women, Pune on 30/05/2020.
6. Webinor on “ Digital Disruptions leading to innovations in business models”by Mr. Adiya Gupta. Organized by Shri Tuljabhavani college of engineering Tuljapur. On July 13th 2020
7. Webinor on “ Machine learning with Python and cloud Deployment” Organized by Dept of Ce on 19th June 2020,by Zeal Engg College Pune.
8. Webinar on Cyber Security Held on 20 June 2020 by HOPE FOUNDATION’S FINOLEX ACADEMY OF MANAGEMENT & TECHNOLOGY P- 60/1, MIDC Mirjole block, Ratnagiri, Maharashtra – 415639 Department of Electronics & Telecommunication Engineering.
9. "4 Days of FDP Program on ICT/LMS Tools for Teaching & Learning " organised by Department of Information Technology & IQAC of K.C. College of Engineering & Management Studies & Research,Thane (E) from 16th June 2020 to 19th June 2020.

10. One week online Faculty Development Program on 'LATEX' from 11 May 2020 to 15 May 2020 in association with IIT Bombay, Spoken-Tutorial.
11. One day webinar on New Higher Education Policy and Digitation of Education Organized by DBATU under TEQIP-III on May 17,2020.
12. “Faculty Awareness Program on NAAC ” Organized by IQAC of Sandipani Technical Campus Faculty of Engineering conducted online during the period of 18th-22nd May 2020.
13. International webinar on INTERNET OF VEHICLES on 28th June 2020 organized by Department of Electronics and Telecommunications Engineering, M. G. M’s College of Engineering, Nanded.
14. One day live session “Edu meet and Panel Discussion” on “ Industry -2020” held on 20 May 2020 Sponsored by DBATU TEQIP-VII.
15. One week online FDP on “Communication and ICT” from 5th to 10th May 2020 Sponsored by DBATU TEQIP-VII.