



Prof. Dr. Sharnbasappa Appa  
F. President, Sharnbasveshwar Sansthan  
Kalaburagi, Karnataka-India



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**ಶರಣಬಸವ**  
**Sharnbasva**  
ಕಲಬುರಗಿ-585 103  
ಕರ್ನಾಟಕ-ಭಾರತ  
ಸ್ಥಾಪನೆ : 2017



**ವಿಶ್ವವಿದ್ಯಾಲಯ**  
**University**  
Kalaburagi-585 103  
Karnataka-India  
Estd.: 2017



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## FACULTY PROFILE

| PERSONAL DETAILS      |                                                                |
|-----------------------|----------------------------------------------------------------|
| Name                  | Dr. Shilpa Shrigiri                                            |
| Designation           | Professor                                                      |
| Department            | Electronics & Communication Engineering                        |
| Qualification         | B.E (ECE), M.Tech. (VLSI Design & ES), Ph.D.                   |
| Date of Joining       | 15-05-2020                                                     |
| Nature of Association | Regular                                                        |
| Contact No.           | 9844168942                                                     |
| Email id              | <a href="mailto:sshrigiri@suk.edu.in">sshrigiri@suk.edu.in</a> |

| ACADEMIC DETAILS |                    |                  |                     |                          |
|------------------|--------------------|------------------|---------------------|--------------------------|
| Sl. No.          | Name of the Degree | University/Board | Part Time/Full Time | Year of Graduation/Award |
| 01               | Ph. D.             | JNTU, Hyderabad  | Part Time           | 2016                     |
| 02               | M. Tech.           | VTU, Belagavi    | Full Time           | 2007                     |
| 03               | B. E               | VTU, Belagavi    | Full Time           | 2003                     |

| PROFESSIONAL DETAILS                                                      |              |                                                       |            |            |                  |
|---------------------------------------------------------------------------|--------------|-------------------------------------------------------|------------|------------|------------------|
| Sl. No.                                                                   | Post Held    | Organization                                          | Period     |            | Total Experience |
| 01                                                                        | Lecturer     | Appa Institute of Engineering &Technology, Kalaburagi | 08-09-2003 | 28-02-2007 | 23 years         |
| 02                                                                        | Asst. Prof.  | Appa Institute of Engineering &Technology, Kalaburagi | 01-03-2007 | 11-01-2011 |                  |
| 03                                                                        | Asst. Prof.  | SG Balekundri Institute of Technology, Belagavi       | 13-01-2011 | 03-11-2016 |                  |
| 04                                                                        | Assoc. Prof. | SG Balekundri Institute of Technology, Belagavi       | 04-11-2016 | 20-05-2017 |                  |
| 05                                                                        | Professor    | SKSVMACET, Laxmeshwar                                 | 01-06-2017 | 08-11-2017 |                  |
| 06                                                                        | Assoc. Prof. | Hirasugar Institute of Technology, Nidasoshi          | 11-11-2017 | 31-03-2020 |                  |
| Area of Interest                                                          |              |                                                       |            |            |                  |
| Digital VLSI Design, Embedded Systems, Cyber Security, Internet of Things |              |                                                       |            |            |                  |

| Citation Metrics |           |                 |
|------------------|-----------|-----------------|
| h-Index          | i10 Index | Total Citations |
| 1                | 0         | 7               |

| RESEARCH PUBLICATIONS |
|-----------------------|
|-----------------------|

| National Journals | International Journals | National Conferences | International Conferences | Scopus/Web of Science Publications | Total |
|-------------------|------------------------|----------------------|---------------------------|------------------------------------|-------|
| 00                | 15                     | 03                   | 15                        | 07                                 | 24    |

| BOOK PUBLISHED |                     |                   |
|----------------|---------------------|-------------------|
| SL. No.        | Title of the Book   | ISBN number       |
| 01             | Digital Electronics | 978-33-5515-145-2 |

| RESEARCH WORK FOR PATENTS |              |                                                                                    |                        |
|---------------------------|--------------|------------------------------------------------------------------------------------|------------------------|
| SL. No.                   | Patent No.   | Title                                                                              | Status with Date       |
| 01                        | 433340-001   | Intelligent robot for assisting human resource department                          | 23/12/2024             |
| 02                        | 6453105      | Portable Computing Device for Human Health Monitoring                              | Grant date: 01/07/2025 |
| 03                        | 202611081785 | Diagnosis and treatment for critical congenital heart defects in newborns children | Application submitted  |

| PROFESSIONAL BODY MEMBERSHIP |                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------|
| Sl. No.                      | Name of the Professional Body                                                             |
| 01                           | Life Member of- The Indian Society for Technical Education (ISTE) – LM103805              |
| 02                           | Member of The Institution of Electronics and Telecommunication Engineers (IETE)- M-504194 |

| RESEARCH SUPERVISION DETAILS |                     |                                                                                                         |                      |                              |
|------------------------------|---------------------|---------------------------------------------------------------------------------------------------------|----------------------|------------------------------|
| Sl. No.                      | Name of the Scholar | Title                                                                                                   | Year of Registration | Status                       |
| 01                           | Mrs. Snehalata      | Memristor based hardware accelerator for image compression                                              | 2019                 | Completed Comprehensive Viva |
| 02                           | Mrs. Smita          | ANN based maximum power point tracking of grid connected wind plant using switched reluctance generator | 2021                 | Completed Course work        |
| 03                           | Mrs. Poornima       | Power quality improvement techniques using DVR in distribution                                          | 2021                 | Completed Course work        |
| 04                           | Mrs. Ambika Patil   | Performance analysis of 5G communication system                                                         | 2023                 | Completed Course work        |

| FDP/SEMINAR/WORKSHOP/CONFERENCE ORGANIZED |                                 |        |
|-------------------------------------------|---------------------------------|--------|
| Sl. No.                                   | FDP/SEMINAR/WORKSHOP/CONFERENCE | Number |
| 01                                        | Faculty Development Program     | 1      |

| AREA OF INTEREST                                                                 |
|----------------------------------------------------------------------------------|
| <b>Digital VLSI Design, Embedded Systems, Cyber Security, Internet of Things</b> |

| SUBJECTS TAUGHT                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● Basic Electronics</li> <li>● Signals and Systems</li> <li>● Operating Systems</li> <li>● VLSI Design</li> <li>● Embedded System Design</li> <li>● Control Systems</li> <li>● Electronic Circuits</li> <li>● Digital Signal Processing</li> <li>● Research Methodology</li> <li>● ASIC Design</li> <li>● Advanced Embedded system design</li> <li>● Wireless Adhoc Networks</li> <li>● Real Time Systems</li> </ul> |

| Sl. No. | ADDITIONAL INFORMATION                                                                                                                                              |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01      | <a href="https://scholar.google.co.in/citations?user=Bq8j1CcAAAAJ&amp;hl=en">Google Scholar: https://scholar.google.co.in/citations?user=Bq8j1CcAAAAJ&amp;hl=en</a> |
| 02      | Orcid: 0009-0000-2005-1233                                                                                                                                          |

