Curriculum Vitae

About	:	Ms. Sudha K. S.
	:	Assistant Professor
	:	Department of MCA, Basaveshwar Engineering College, Bagalkote
Contact Details	:	EmailID:sskiragi@gmail.com Phone No.: +91-9900490012 LinkedIN:www.linkedin.com/in/sudha-k-s-998a47333 AICTE ID: 1-476038261 VTU Faculty ID: 2BAMCA0014946
Education Details	:	

Degree	Specialization	University/Institution	Year of Award
MCA	Computer Applications	Visvesvaraya Technological University, Belagavi	2006
B.sc	Computer Science	Karnataka University, Dharwad	2003

Work Experience :

Position	Organization	Duration(From-To)
Head of the department	BEC, Bagalkote	13.09.2023 to 01.12.2025
Assistant Professor	BEC, Bagalkote	06.06.2007 to till date

Teaching :

Courses Currently Teaching:
- Mathematical Foundations for Computer Applications
- Cyber Security
- Introduction to C programming

		Courses Previously Taught: • Discrete Mathematics and Graph Theory • Data Mining • Principles of Programming Using C • Introduction to C Programming • Introduction to Web Programming • Software Testing
Research	:	**Research Interests:** 1. Computer Networking 2. Image Processing 3. Cyber Security
Publications	:	
		Journal Papers: **1.** Sharanappa P. H., Basavaraj M.. Angadi, Mahabaleshwar S. Kakkasageri, Sudha K. S. " IoT Enabled Infant Incubator for Healthcare Centers", International Journal of Research and Analysis in Science and Engineering. Vol. 4, No. 5, pp. 318-325, September 2024(ISSN 2582 -8118) **2.** Karuna B. Kurbet, Sudha K.S., Shobha R.Patil, V.B.Pagi, "Number Plate Recognition: Astudy ", International Journal of Research and Analysis in Science and Engineering. Vol. 4,No. 5, pp. 824-832, September 2024(ISSN 2582 -8118)
Administrative Responsibilities		1. HoD, MCA department, BEC, Bagalkote from13.09.2023 to 01.12.2025 2. Warden (Malaprabha BEC Ladies Hostel) since 2017
Professional Development		**Workshops, FDP/SDP/STTP/Seminar/Webinar, Training Programs organized**
		1. One day Expert Session on "A technical Paper Writing and Presentation" on 08.12.2025. 2. Three days SDP on "Exploring NOSQL to deal with Data using MongoDB" from 20.11.2025 to 02.12.2025. 3. Organized three days SDP on "Internet of Things using Python" from 04.06.2025 to 06.06.2025. 4. Organized five days SDP on "Quantitative Aptitude and Soft Skills" from 11.06.2025 to 15.06.2025. 5. Organized PGCET/KMAT Awareness and Training Programme for degree students on 06.07.2024. 6. Organized MDP on "Leadership for Achieving Academic Excellence" for degree principals/Senior faculty on 03.08.2024.
		Workshops, FDP/SDP/STTP/Seminar/Webinar, Training Programs attended

		Online Certification Courses(NPTEL/ATAL) completed:

Online Certification Courses(NPTEL/ATAL) completed:

1. AICTE approved FDP and NPTEL course on "Cyber Security and Privacy", July - October 2025
2. AICTE approved FDP and NPTEL course on "Research Methodology", July- September 2025.
3. AICTE approved FDP and NPTEL course on "Joy of Computing using Python" conducted by IIT Ropar, 14 September 2020-10 December 2020
4. AICTE approved FDP and NPTEL course on ", Introduction to Programming in C ", conducted by IIT Kharagpur, 14 September 2020 - 12 November 2020.
5. AICTE approved FDP and NPTEL course on ", Discrete Mathematics ", January 2020 -April 2020.

Symposiums/Workshops/FDP/Training Programs attended:

1. FDP on "Empowering Research Excellence through Artificial Intelligence" from 27.11.2025 to 29.11.2025.
2. FDP on "Empowering Research: Exploring Funding Opportunities", organized by Basaveshwar Engineering College, Bagalkot from 17.01.2025 to 18.01.2025
3. One Week National Level Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research, from 17.10.2024 to 24.10.2024, organized by St. Mary's College (Autonomous), Thrissur, Kerala in association with the Collegiate Education Department, Government of Kerala.
4. National symposium on "Emerging Trends in Smart Systems", at BEC, Bagalkot from 08.09.2023 to 09.09.2023.
5. Two days workshop on "Outcome Based Education" held on 30.09.2023 & 01.10.2023 at BEC, Bagalkote.
6. Current Practices and Critical Issues for OBE in Engineering Education/Institutions organized by mechanical department, BEC, Bagalkot from 27.01.2020 to 07.02. 2020.
7. Recent Advances in Signal Processing and Communication Networks organized by E&CE department , BEC, Bagalkot.
8. Online FDP on Digital Transformation in Teaching Learning Process from 16.03.2020 to 30.03 2020.
9. Online FDP on AICTE-Examination Reform Policy from 06.05.2020 to 07.05.2020.
10. Online FDP on R Language and R Studio from 22.06.2020 to 05.07. 2020.
11. International Symposium on "Green Technologies for Sustainable Development" at BEC, Bagalkot from 24.02.2017 to 25.02. 2017.