Name	:	**Ms. Jyoti M. Hurakadli**

Designation	:	**Associate Professor**
Department	:	**Computer Science and Engineering**
Employee ID	:	**TCSE002**
Email ID	:	
(College official ID),		**jmhcs@becbgk.edu**
(Personal mail ID)		**jyotimh2010@gmail.com**

Contact details	:	**Ms. Jyoti M. Hurakadli,**
		Associate Professor,
		Department of Computer Science and Engineering,
		Basaveshwar Engineering College,
		BAGALKOT – 587102, Karnataka, INDIA
		Mobile No: (+91) 9845875663, (+91) 8762353132

Orcid ID	:	**-**
Scopus ID	:	**-**
Vidwan Id	:	**125040**
Researcher ID (Web of Science)	:	**-**
Google Scholar ID	:	**-**

Qualification	:	**B.E. (CSE), M.Tech. (CNE), [Ph.D.]**
Professional Experience		
Teaching experience	:	**21 years**
Industry experience	:	**Nil**

Administrative Responsibilities	:	1. KSCSTcoordinator of the department for the year 2008-09.
		2. Member of the Editorial Board of *BEC News*, A Quarterly News Letter for the year 2009.
		3. Academic Council member of Basaveshwar Engineering College, Bagalkot from 2009 to 2012.
		4. Ladies Staff Representative and Cultural Coordinator for two years from 2011 to 2013.

5. A coordinator of the Board of Examination (Autonomous) of the CSE dept from 2016 to 2017.

6. Board of Studies member of the Computer Science and Engineering Department of Basaveshwar Engineering College, Bagalkot from the academic year 2022-2023

7. Examination Section Coordinator from August 2024 for the next two years.

Teaching	:	
No. of Projects Guided		
UG	:	**12**
PG	:	**11**

Research

Interest Area	:	1. Cloud Computing
		2. Network Security
		3. Data Mining

No. of Research Scholars	:	-
Pursuing	:	-
Awarded	:	-

Patents	:	-

Research Grants	:	-

Publications	:	-
Books/Chapters		

Journals (with citations) :

1. S. S. Manvi and J. M. Hurakadli, "An agent-based model for topology discovery and routing information fusion in mobile ad-hoc networks", Journal of Indian Institute of Science, Page No 553-568, Volume 86, Number 6, Nov-Dec 2006.

2. Jyoti M. Hurakadli and Sathish Babu B., "Virtual Machine Migration Techniques in a Cloud Computing Environment: A Survey", GRENZE International Journal of Engineering and Technology, Vol. 5, No. 2, July 2019, Pages: 24-31, ISSN: 2395-5287.

3. Jyoti M. Hurakadli and Priyanka Bhuyyar, "A Survey on Enhancing the performance of live migration of a virtual machine in the cloud environment", 2022 Journal of Emerging Technologies and Innovative Research, July 2021, Volume 8, Issue 7

Conferences :

1. J. M. Hurakadli, S. S. Manvi, J. D. Mallapur, "Agent-Based Connectivity Detection and Routing in Mobile Ad-hoc Networks", 2006 3rd IEEE Conference on Intelligent Systems, University of Westminster, London, UK, 4th - 6th September 2006.

2. Jyoti M. Hurakadli and Sathish Babu B, "Virtual Machine Migration Techniques in a Cloud Computing Environment: A Survey", Ninth International Conference on Advances in Information Technology and Mobile Communication AIM 2019 in New Delhi, India, April 26-27, 2019

Invited Talks	:	1. Presented a talk on "Computer Networks & Internet" in the Computer Awareness Training Program for Women (Under TEQIP) from 18th - 30th July 2005
		2. Presented a talk on "Networks Security" in the FDP on *Internet Protocols* conducted from 21st - 26th August 2006.
		3. Presented a talk on "NCTUns simulator" in the workshop on *Computer Network Simulation* during 21st - 23rd February 2008

Events Organized	:	-

Conferences / Symposiums / Workshops / Training Programs Attended :

Conferences attended:

1. Computer Networks – 2009, organized by REVA Institute of Technology and Management, Bangalore from 20th - 21st February 2009.

Workshops attended:

1. Computer Network Simulator (NETSIM), organized by Bangalore Institute of Technology, Bangalore from 14th to 15th June 2005.
2. C# Programming and .NET Concepts, organized by R. V. College of Engineering, Bangalore from 4th - 6th August 2005
3. Enterprise Systems and Service Oriented Architectures, organized by Basaveshwar Engineering College, Bagalkot from 7th – 19th March 2008.
4. Mission10X, organized by Wipro at Basaveshwar Engineering College, Bagalkot from 2nd - 6th February 2009.
5. Research Issues in Information Technology, organized by Basaveshwar Engineering College, Bagalkot from 26th - 28th February 2009
6. Modern Computing Trends, organized by Basaveshwar Engineering College, Bagalkot on 16th October 2011.
7. Network Simulations & Cloud computing, organized by CIT, Gubbi, Tumkur from 15th - 17th March 2013.
8. Technical Documentation Using Latex, organized by Basaveshwar Engineering College, Bagalkot from 27th - 29th May 2013
9. Web 2.0 and Rich Internet Applications, organized by Siddaganga Institute of Technology, Tumkur from 20th - 22nd February 2014.
10. Outcome-based education, organized by Basaveshwar Engineering College, Bagalkot on 18th December 2015.
11. Research Methodology, organized by Basaveshwar Engineering College, Bagalkot on 19th December 2015.
12. AICTE-Examination Reform Policy (E-workshop) organized by Basaveshwar Engineering College, Bagalkot from 6th – 7th May 2020.
13. Awareness and Prevention of Sexual Harassment at Workplaces (E-workshop), organized by Basaveshwar Engineering College, Bagalkot on 27th June 2020.
14. Scientific Writing for Journals (Webinar), organized by Springer Nature and Visveswaraya Technological University Consortium on 30th September 2020.
15. Sexual Harassment at Workplace – Sensitization Session (National Level Webinar) organized by BMSIT&M and RVITM, Bengaluru on 9th December 2020.
16. Research and Application Perspectives of Emerging Trends in Computer Science (Two days National Level Distinguished Lecture Series), organized by R. V. College of Engineering, Bengaluru from 11th to 12th December 2020.

Training Programs (FDP and STTP) attended:

1. Instructional Design and Delivery, organized by Basaveshwar Engineering College, Bagalkot from 8th - 13th August 2005.
2. Mathematical Modeling for Digital Image Processing, organized by Basaveshwar Engineering College, Bagalkot from 9th - 14th January 2006.
3. Vision R and D, organized by Basaveshwar Engineering College, Bagalkot from 20th - 25th March 2006.
4. Applied Mathematics, organized by Basaveshwar Engineering College, Bagalkot from 3rd - 8th April 2006.
5. C# and .NET, organized by Basaveshwar Engineering College, Bagalkot from 1st - 6th June 2006.
6. Internet Protocols, organized by Basaveshwar Engineering College, Bagalkot from 21st - 26th August 2006.
7. Embedded Systems, organized by Basaveshwar Engineering College, Bagalkot from 5th - 10th February 2007.
8. Real Time Operating Systems (A Case Study on Vxworks), organized by Basaveshwar Engineering College, Bagalkot from 26th - 31st March 2007
9. Speech and Image Processing, organized by Basaveshwar Engineering College, Bagalkot from 23rd - 28th July 2007.
10. Computer Network Simulation, organized by Basaveshwar Engineering College, Bagalkot from 21st - 23rd February 2008.
11. Computer Security and Modern Compilation, organized by Indo-US Engineering Faculty Leadership Institute, Global Education Centre of Infosys Technologies, Mysore from 30th June - 4th July 2008
12. Recent Advances in Wireless Networks and Computing Paradigms, organized by Visvesvaraya Technological University, Belgaum from 26th - 30th March 2012.
13. Facility, Validation and Quality Assurance, organized by Basaveshwar Engineering College, Bagalkot from 14th – 18th May 2013.
14. Soft and Evolutionary Computing Techniques and its Applications, organized by Basaveshwar Engineering College, Bagalkot from 30th May - 1st June 2013.
15. Research Issues in Distributed Sensor Networks, organized by Basaveshwar Engineering College, Bagalkot from 22nd - 24th August 2013.
16. Capacity Building Towards Quality Teaching and Learning, organized by the Indian Institute of Science, Bangalore from 25th November - 6th December 2013 & 8th – 10th January 2014.
17. Big Data Analytics using HADOOP, organized by Basaveshwar Engineering College, Bagalkot from 9th July - 11th July 2015.
18. Teaching Learning Practices, organized by the Indian Institute of Technology, Madras from 12th – 14th September 2016.
19. Optimization in Design and Engineering, organized by Basaveshwar Engineering College, Bagalkot (Indian Institute of Technology, Bombay) from 28th – 30th January 2017.
20. Energy Efficiency and Management, organized by Basaveshwar Engineering College, Bagalkot (Indian Institute of Technology, Bombay) from 17th – 19th February 2017.
21. Machine Learning: Techniques and Tools, organized by JSSATE, Bangalore from 17th – 21st December 2018.
22. Research Avenues in Information Technology, organized by Basaveshwar Engineering College, Bagalkot from 3rd – 7th June 2019
23. Digital Transformation in Teaching Learning Process (Online), organized by Indian Institute of Technology, Bombay (SWAYAM) from 6th – 22nd April 2020.
24. Machine Learning-Based Project Architecture Design (Online), organized by Basaveshwar Engineering College, Bagalkot from 15th – 19th June 2020.

25. Machine Learning and Data Science (Online), organized by Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara Kannada, Karnataka from 31st August – 4th Sept 2020.
26. Cyber Crime and Security (AICTE sponsored Online FDP) organized by the Department of Information Technology, College of Technology, G. B. Pant University of Agriculture & Technology, Pantnagar (Uttarakhand) from 5th – 17th October 2020.
27. Artificial Intelligence and Machine Learning with Data Science (AICTE Sponsored two-week Online STTP) organized by the Department of Information Technology, Guru Nanak Dev Engineering College (GNDEC), Ludhiana from 2nd - 7th November 2020.
28. Data Science and its Applications (TEQIP III sponsored one-week Online Master Class) organized by the Department of Information Technology, Guru Nanak Dev Engineering College (GNDEC), Ludhiana and Sabudh Foundation, Mohali, Punjab from 21st-25th November 2020
29. Cryptography and Network Security (NPTEL-AICTE FDP) conducted by IIT Kharagpur from Jan-April 2021 (12 weeks)
30. Data Mining (NPTEL-AICTE FDP) conducted by IIT Kharagpur from Feb-April 2021 (8 weeks)
31. Discrete Mathematics (NPTEL-AICTE FDP) conducted by IIIT Bangalore from Jan-April 2021 (12 weeks)
32. Cloud Computing (NPTEL-AICTE FDP) conducted by IIT Kharagpur from Jan-April 2022 (12 weeks)
33. Introduction to Machine Learning (NPTEL-AICTE FDP) conducted by IIT Madras from Jan-April 2022 (12 weeks)
34. Fundamentals of Artificial Intelligence (NPTEL-AICTE FDP) conducted by IIT Guwahati from Jan-April 2022 (12 weeks)
35. Software testing (NPTEL-AICTE FDP) conducted by IIT Kharagpur from Jan-Feb 2023 (4 weeks)
36. Blockchain and its applications (NPTEL-AICTE FDP) conducted by IIT Kharagpur from Jan-April 2023 (12 weeks)
37. The Joy of Computing Using Python (NPTEL-AICTE FDP) conducted by IIT Ropar from July-Oct 2023 (12 weeks)
38. Cyber Security and Privacy (NPTEL-AICTE FDP) conducted by IIT Madras from July-Oct 2023 (12 weeks)
39. Ethical Hacking (NPTEL-AICTE FDP) conducted by IIT Kharagpur from July-Oct 2023 (12 weeks)
40. Outcome-Based Education and Application of Generative AI in Teaching and Research (National level Online FDP) conducted by St. Mary's College (Autonomous), Thrissur, and The Collegiate Education Department, Government of Kerala from 17th – 24th October 2024

National Level Seminars attended:

1. Recent Trends in Computer Communications and Networking (RTCCN-05), organized by Basaveshwar Engineering College, Bagalkot from 15th & 16th March 2005.
2. Modern Sensors and Their Applications, organized by Basaveshwar Engineering College, Bagalkot from 17th & 18th November 2006.

Awards and Honors **:** -