FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Personal Details	
Name: Dr. Jyoti Neginal	
Designation: Associate Professor	
Department: Computer Science and Engineering	
College Address: Department of CSE, Faculty of Engineering &Technology (Exclusively for Women) Shranbasva University,Kalaburgi, Karnataka, Pin – 585103.	
Contact: 9986700546	
E-mail id: jyoti.c.neginal@gmail.com	

Areas of Interest	Image Processing, Artificial Intelligence & Machine Learning

Subjects Taught	
UG	**PG**
• Java Programming	Advanced Database Management System
• C Programming	Internet of Things
• Python Programming	Artificial Intelligence and Machine Learning
• Machine Learning	Advanced Operating System
• Deep Learning	
• Artificial Intelligence	
• Operating System	
• Object Oriented Programming (C++)	

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D	Image Processing	VTU, Belagavi	VTU,Belagavi	April-2024
PG (M.Tech)	CSE	PDA,College of Engineering,Kalaburgi.	VTU,Belagavi	January-2013
UG (B.E)	CSE	SIET,Vijayapur.	VTU,Belagavi	February-2007

Work Experience				
Name of the Institution	**Position**	**From**	**To**	
The Dept of CSE, Faculty of Engineering and Technology, Sharanbasava University, Formally Known as Godutai Engineering College for Women Kalaburagi.	**Assistant Professor**	01/01/2013	24/04/2024	
The Dept of CSE, Faculty of Engineering and Technology, Sharanbasava University	**Associate Professor**	25/04/2024	Till date	
Total Experience	12 Years	**Teaching**	12 Years	**Research**	-	**Administration**	-

Research Publications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	16	-	1	1	18

Recent Publications(Journals)

1. Jyoti Neginal, Assistant Professor, published the paper titled "Intrusion Detection System Using Machine Learning", GIS SCIENCE JOURNAL, ISSN NO : 1869-9391, VOLUME 11, ISSUE 8, 2024.
 DOI:20.18001.GSJ.2024.V11I8.24.41185719

2. Jyoti Neginal, Assistant Professor, published the paper titled, " Detecting human stress using machine learning algorithms based on sleeping patterns" Journal of Systems Engineering and Electronics (ISSN NO: 1671-1793) Volume 34 ISSUE 8 2024. DOI:https://jseepublisher.com/wp-content/uploads/8-JSEE2555.pdf

2. Jyoti Neginal, Assistant Professor, published the paper titled, "Colour image steganography through channel transformation approach", IAES International Journal of Artificial Intelligence (IJ-AI) Vol. 12, No. 3, September 2023, pp. 1062~1069 ISSN: 2252-8938,
 DOI: http://doi.org/10.11591/ijai.v12.i3.pp1062-1069

4. Jyoti Neginal, Assistant Professor, published the paper titled, " Offline Recognition of Handwritten Mathematical Expressions Using CNN and Xception "Foundry Journal Vol. 26, Issue. 9, September 2023, pp. 18-26 ISSN: 1001-4977 Scopus indexed journal.
 DOI: https://foundryjournal.net/wp- content/uploads/2023/09/3.fj23c207re.pdf.

5. Jyoti Neginal, Assistant Professor, published the paper titled, " An Intelligent Based System For Voice To Text Conversion And Summarization Using Machine Learning "Journal For Basic Sciences Vol. 23, Issue. 8, September 2023, pp. 272-278 ISSN: 1006-8341. https://drive.google.com/file/d/1E2J1MrlE9do2z0XWQDX-I8me6AhKhvnk/view

6. Jyoti Neginal, Assistant Professor, published the paper titled, "Colour Image Steganography Based On Channel Transformation Approach To Enhance Visual Quality", Advanced Engineering Science, ISSN: 2096-3246 Volume 54, Issue 02, December, 2022
https://advancedengineeringscience.com/article/639.html

7. Jyoti Neginal, Assistant Professor, published the paper titled, Covid-19 future forecasting using supervised machine learning ",Science, Technology and Development, ISSN : 0950-0707, Volume XI Issue VIII AUGUST 2022.
https://ijsrem.com/download/covid-19-future-forecasting-using-supervised-machine-learning/

8. Jyoti Neginal, Assistant Professor, published the paper titled, "Adaptive Steganography technique using DIDC Model", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-8, June 2020.
https://www.ijitee.org/wp-content/uploads/papers/v9i8/H6138069820.pdf

9. Jyoti Neginal, Assistant Professor, published the paper titled, "An adaptive stenographic technique, ascertaining upper bounds of embedding", Second International Conference on Smart Systems and Inventive Technology (ICSSIT 2019) DVD Part Number: CFP19P17-DVD; ISBN: 978-1-7281-2118-5, 2/19/$31.00 ©2019 IEEE.
 https://doi.org/10.1109/icssit46314.2019.8987969

10. Jyoti Neginal, Assistant Professor, published the paper titled, "Automating the Process from E-Commerce to M-Commerce", International Research Journal of Engineering and Technology (IRJET),e-ISSN: 2395-0056, Volume: 06 Issue: 08 | Aug 2019.
https://www.irjet.net/archives/V6/i8/IRJET-V6I8194.pdf

11. Jyoti Neginal, Assistant Professor, published the paper titled, "Energy Efficient Link-Delay Aware Routing Wireless Sensor Networks", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume8, Issue6, ISSN: 2278–1323, June2019.
https://www.academia.edu/42907396/Energy_Efficient_Link_Delay_Aware_Routing_in_Wireless_Sensor_Networks

12. Jyoti Neginal, Assistant Professor, published the paper titled, "A Fuzzy Logic Based Techniques for content based image Retrieval and Digital Data Transmission", International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Volume 4, Issue 9, September 2017.
 https://ijercse.com/viewabstract.php?id=11044&volume=Volume4&issue=Issue9

13. National Indian Patent published on" A Reversible Data Embedding Approach for Secure Data Transmission with Minimized Distortions. Application No.202341019329 A,INDIA, Date of filing of Application :21/03/2023,Publication Date : 31/03/2023.

14. National Indian Patent published on" A Robust Approach for Content Based Image Retrieval Using Efficient Feature Extraction and Classification Approach, Application No.202341019444 INDIA, Date of filing of Application :21/03/2023 ,Publication Date : 31/03/2023.

15. National Indian Patent published on" Packet Loss and Error Recovery Optimization for Scalable Video Coding Approach to Provide QOS Support for Mobile Adhoc Network, Application No.202341019477 A,INDIA Date of filing of Application :21/03/2023 Publication Date : 31/03/2023.

16. Book Chapter Publication on "Soil Monitoring and Automatic Irrigation System based on IOT" for the book titled "Recent Advances in Computer Science ", in "National Research Conference on Engineering, Business Management Science, Humanities & Social Sciences-2022" (NRCEBSHS-2022) – ISBN:978-93-94570-65-8,KRIPA DRISHTI PUBLICATIONS.

S.No.	Memberships in Professional Bodies
	Name of the Professional Body
1.	IETE MEMBER
2.	ISTE MEMBER
3.	IAENG MEMBER

Programs Organized

1.	Worked as a coordinator for conducting Invited Talk On "**Edge Computing:A Novel Paradigm for Latency Sensitive Applications**", conducted by Department of CSE,FETW on 29th September 2023 at Sharnbasva University.
2.	Worked as Technical Committee member for National Conference on Engineering, Business Management Science, Humanities & Social Sciences-2022 (NRCEBSHS-2022) during March 2022 organized by Sharanbasva University Kalaburagi, Karnataka state, INDIA.

Sl.No.	Training Programmes Attended
1.	Participated in Faculty Development Program on "Machine Learning and Artificial Intelligence.", organized by Pimpri Chinchwad College of Engineering and Research, Ravet, Pune – Maharashtra, Sri Venkateswara Degree College, Kadapa - Andhra Pradesh, SJB Institute of Technology, Bangalore – Karnataka, during 12/08/ 2024 to 19/08/ 2024.
2.	Participated in one week Faculty Development Program on" Applications of AI/ML in Power Systems and Electric Vehicles" conducted by Kishkinda University, during 05-08-2024 to 09-08-2024.
3.	Participated Faculty Development Program on "Data Analytics using Power BI and Tableau", organized by Faculty of IT and CS-parul University-Gujarat,Atria Institute of Technology-Karnataka and Amity Pune), during 11-03-2024to 15-03-2024.
4.	Participated in 10 Hours National Faculty Development Program on "Deep Learning and Artificial Intelligence", organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd, 26th Feb to 1st March 2024.
5.	Participated in 10 Hours National Faculty Development Program on "Blockchain Technology", organized by Ramrao Adik Institute of Technology - D. Y Patil Deemed to be University, Bishop Heber College and SR University in Collaboration with ExcelR Edtech Pvt. Ltd,during 8th Jan to 12th Jan 2024.
6.	Participated FDP on "NLP and CharGPT Applications." organized by SECAB Institute of Engineering and Technology in Collaboration with ExcwlIR Pvt.Ltd during 14-08-2023 to 19-08-2023.
7.	Participated in 30 Hours International Faculty Development Program on "Deep Learning for NLP and Computer Vision" organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR during 10th July to 28th July 2023.
8.	International Faculty Development Program on "Data Analyst", organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR, during 19th June 2023 to 23rd June 2023.
9.	Participated in workshop on "Recent Trends in Machine Learning and Artificial Intelligence, organized by Department of CSE and IQAC, Sanamati Engineering College, Washim during 15-07-2023 to 19-07-2023
10.	Participated FDP on "Recent trends in IOT¸organized by Department of Electronics and communication engineering, Mahatma Gandhi Institute of Technology, Hyderabad during 06/06/2022 to 10/06/2022.

11.	Participated FDP on " Role of Industry 4.0 in Research and Higher Education" organized by Department of Computer application, school of computing sciences, VELS institute of science, technology and advanced studies, Chennai during 15/12/2021 to 21/12/2021
12.	Participated FDP on "Research Paper Writing" organized by KH Reddy College of Engineering and Technology, Moinabad, Hyderabad, Telangana during 10/05/2021 to 15/05/2021
13.	Participated training Program on "Machine Learning for All" organized by KSRM College of Engineering, Kadapa, Andhra Pradesh during 03/05/2021 to 08/05/2021
14.	Participated FDP on "Artificial Intelligence" organized by AICTE Training And Learning (ATAL) Academy, Model Engineering College during 22/2/2021 to 26/2/2021
15.	Participated FDP on "3D Printing & Design" organized by AICTE Training And Learning (ATAL) Academy, CANARA ENGINEERING COLLEGE. During 08/02/2021 to 12/02/2021
16.	Participated FDP on "Cyber security" organized by AICTE Training And Learning (ATAL) Academy,Jawaharlal Nehru National College of Engineering during 01/02/2021 to 05/02/2021
17.	Participated Training program on "Research Trends in Computer Science and Engineering" organized by Sri Dharmasthala Manjunatheshwar College of engineering an6d Technology, Dhavalagiri, Dharwad during 21/12/2020 to 21/12/2020

18.	Attended training Program On "Contemporarry Research Trends in Electronics &Communication,and Computer Science" Department of Electronics &Communications, Visvesvaraya Technological University, Centre for Postgraduate studies, Kalaburagi in association with IETE during 6th -10th July 2020
19.	Participated Training Program on "Emerging Trends and Technologies in Data Science" organized by Department of Compter Science and Engineering,GMR Institute of Technology, Rajam, Andhra Pradesh during 24/8/2020 to 29/8/2020
20.	Attended A 3 days International Conference on "Recent Trends on Science, Engineering Business Studies Humanities and Social Sciences" organized by Sharnbasva University, Kalaburagi during 30-08-2019 to 01-09-2019.
21.	A 3 days International Conference on "Recent Advances in Computer Science Engineering(RACEs-2022)" organized by the Department of Computer Science Engineering, Sharnbasva University, Kalaburagi during 1st ,2nd and 3rd July 2022.
22.	Obtained online certification from NPTEL for the course Programming in Java (12 Week Course) in Jan-April 2022.

Special Lectures Presented
1.   -

Role & Responsibilities
1. Worked as BOE Chairman for the academic year 2024-2025 in the UG programs.
2. Working as Coordinator for NBA for criteria 4.
3. Working as Coordinator for NAAC for criteria 3.
4. Working as Coordinator for Department Examination