Personal Details	
Name: Dr. Manikamma Malipatil	
Designation: 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: 9945941988	
E-mail id: manika.malipatil@gmail.com	

Areas of Interest	Image Processing, Artificial Intelligence & Machine Learning

Subjects Taught	
UG	**PG**
• Java Programming	Advanced Database Management System
• Finite Automata and Formal Language	Advanced Algorithm
• Advanced Java	
• Machine Learning, Python Programming	
• Analysis and Design of Algorithms	
• Artificial Intelligence & Machine Learning	
• Cloud Computing	
• C Language, Object Oriented Programming(C++)	

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D	Image Processing	Research Center: VTU-RRC, Belagavi	VTU,Belagavi	August-2022
PG (M.tech)	CSE	PDA,College of Engineering,Kalaburgi.	VTU,Belagavi	Nov-2012
UG (B.E)	CSE	PDA,College of Engineering,Kalaburgi.	VTU,Belagavi	July-2010

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.	**Asst. Professor**	01/01/2013	31/07/2022	
The Dept of CSE, Faculty of Engineering and Technology, Sharanbasava University	**Assoc. Professor**	01/08/2022	1/7/2024	
The Dept of CSE, Faculty of Engineering and Technology, Sharanbasava University	**Professor**	02/07/2024	Till dated	
Total Experience	12.7 Years	**Teaching**	12.7 Years	**Research**	-	**Administration**	-

Research Publications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	13	-	1	1	15

Recent Publications(Journals)

1. Assoc.Prof. Manikamma Malipatil ,Dr.Shubhangi D C, Published the paper titled "High Secure Encryption and Masking Technique for 3D Point Cloud Models", Published in Computer Integrated Manufacturing Systems (CIMS) Vol.30 August 2024, pp. 26-39,ISSN 1006-5911 DOI: 10.24297/j.cims.2024.8.2 : https://cims-journal.org/index.php/CN/article/view/323/268.

2. Dr.Manikamma Malipatil , Associate.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. https://jseepublisher.com/wp-content/uploads/8-JSEE2555.pdf

3. Dr.Manikamma Malipatil , Associate.Professor , Published the paper titled, " Intrusion Detection System Using Machine Learning "GIS SCIENCE JOURNAL" ISSN NO : 1869-9391 VOLUME 11, ISSUE 8, 2024 PAGE NO: 401-407. https://drive.google.com/file/d/1kjN1QgP5JYgomShuNc3n4j2458efUoVn/view

4. Dr.Manikamma Malipatil , Associate.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. https://foundryjournal.net/wp-content/uploads/2023/09/3.fj23c207re.pdf.

5. Dr.Manikamma Malipatil , Asst.Prof , 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.	Asst.Prof. Manikamma Malipatil , Dr.Shubhangi D C , Published the paper titled, "An Efficient Data Masking Method for Encrypted 3D Mesh Model" Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) Vol. 24, No. 2, November 2021, pp. 957-964 ISSN: 2502-4752, **DOI: 10.11591/ijeecs.v24.i2.pp957-964.https://ijeecs.iaescore.com/index.php/IJEECS.** https://ijeecs.iaescore.com/index.php/IJEECS/article/view/22030
7.	Asst.Prof. Manikamma Malipatil ,Dr.Shubhangi D C, Published the paper titled, "A Novel Watermarking Techniques For 3d Mesh Objects", Published in the Journal of Harbin Institute of Technology VOL.53 No,12(2021), ISSN: 0367-6234 Page No.: 214-236, https://journalofharbininstituteoftechnology.org/abstract-784.php
8.	Asst.Prof. Manikamma Malipatil ,Dr.Shubhangi D C, Published the paper titled ,"Robust Encryption and Masking Technique for 3D Mesh Models ", MuktShabd Journal Volume X, Issue VI, 2021 ISSN NO : 2347-3150 Page No :241-249 **DOI:10.0014.MSJ.2021.V10I9.0086781.111425** UGC Group-II approved journal. https://app.box.com/s/q0gi5a9iwwxe6r90zk0x7qphkw377lpj
9.	Asst.Prof. Manikamma Malipatil , Dr.Shubhangi D C , Presented and Published the paper titled "An Efficient 3D Water Marking Algorithm for 3D Mesh Models ", Fourth International conference on I-SMAC(IoT in Social,Mobile,Analytics and Cloud)(I_SMAC) in IEEE, pages 380-384,7th to 9th October 2020. https://ieeexplore.ieee.org/document/9243381. **DOI:** 10.1109/I-SMAC49090.2020.9243381
10.	Asst.Prof. Manikamma Malipatil , Dr.Shubhangi D C , Presented and Published the paper titled, " A Secure 3D Watermarking Technique for Encrypted 3D Mesh Model Based on Error Detection and Prediction", 9th International Conference on ICIECE August 13-14 ,2021,Springer
11.	International Australian Patent published and granted on "A Novel Watermarking Techniques For 3d Mesh Objects " Application Number: 2021102762, Granted Date: Granted Eight Years from 22 May 2021. http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021102762&resultsPerPage=
12.	National Indian Patent published on "Encryption Technique For 3d Point Cloud Models With Mapping " **Application Number**: 202141030613 **Published Date**: 23/07/2021 **URL:** https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
	National Indian Patent published on " A Novel Watermarking Techniques For 3d Mesh Objects " **Application Number**: 202141021974 **Published Date**: 11/06/2021. **URL**https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
13.	Book Chapter Publication on "Inner Air Quality Sensing and Prediction Analysis for Covid-19 Perspective 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.

Memberships in Professional Bodies	
S.No.	**Name of the Professional Body**
1.	IETE MEMBER
2.	ISTE MEMBER
3.	InSc MEMBER
4.	IEEE MEMBER

	Programs Organized
1.	Worked as a coordinator for conducting Five Days FDP on **Palo Alto Cloud Security Fundamentals**, conducted by ICT Academy on 23 July 2024 to 27 July 2024 at Sharnbasva University.
2.	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.
3.	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 "Gen AI & Chat GPT Application in the Industry", organized by the Department of MBA & Research Centre, SJC Institute of Technology, Chikkaballapur, during 27th Jan to 31st Jan 2025.
2.	Participated in one week Faculty Development Program on" Palo Alto Cloud Security Fundamentals" conducted by ICT Academy at Sharnbasva University, during 23 Jul 2024 to 27 Jul 2024.
3.	One Week National Level Online Faculty Development Program on "Generative AI Models and Applications of Machine Learning", organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women (A), during21-05-2024 to 25-05-2024.
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.	Five Days National Level online Faculty Development Program on "Emerging Trends in Signal Processing, Image Processing and Artificial Intelligence" organized by Department of Electronics and Communication Engineering, SJMIT, Chitradurga-577502,during 12th – 16th September 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 FDP on "Deep Learning for Natural Language Processing" organized by Bhilai Institute of Technology Durg. AICTE Training and Learning (ATAL) Academy during 15th -19th Nov 2021

10.	Attended training Program On "Innovative Teaching and Learning Methods for Inspiring Students" organized Department Of ECE, Sagi Rama Krishnam Raju Engineering College(A),during 18th-23rd Dec, 2020.
11.	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
12.	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.
13.	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.
14.	Obtained online certification from NPTEL for the course Programming in Java (12 Week Course) in Jan-April 2022.
15.	Received **Research Excellence Award 2023** from InSc Institute of Scholars for the research work, Published the paper titled, "An Efficient Data Masking Method for Encrypted 3D Mesh Model" in the Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) Vol. 24, No. 2, November 2021, pp. 957-964 ISSN: 2502-4752.

Special Lectures Presented
1.   -

Role & Responsibilities
1. Worked as Reviewer for the Sixth National Conference on Engineering, Business Management Science, Humanities & Social Sciences-2022 during March 2022 organized by Sharanbasva University Kalaburagi, Karnataka state, INDIA.
2. Worked as Reviewer for the International Conference on Recent Innovations in Engineering Science & Technology-(ICRIET-2025) held at K.S.Institute of Technology,Bengaluru on 9th - 10th May 2025.
3. Working as Coordinator for NBA for criteria 5.
4. Working as Coordinator for NAAC for criteria 3.
5. Working as Coordinator for Department Examination
6. Working as Coordinator for Department Ph.D Research Supervisor