


Personal Details	
B.MANJUBASHINI, M.E., Ph.D.,	
Assistant Professor	
Department of Information Technology	
Knowledge Institute of Technology, Salem - 637 504.	
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<b>Areas of Specialization</b>	Wireless Sensor Networks
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Subject Taught	
UG	PG
Problem Solving and Python Programming	Advanced Computer Architecture
Programming in C	Machine Learning Techniques
Object Oriented Programming	
Computer Architecture	
Operating Systems	
Computer Networks	
Artificial Intelligence	
Database Management Systems	
Object Oriented Analysis and Design	
Cryptography and Network Security	
Web Essentials	
Application Development	
Python for Data science	

Academic Background				
Degree	Specialization	Name of the Institute	University	Year of Passing
M.E.,	Computer Science and Engineering	Dhirajlal Gandhi College of Technology	Anna University, Chennai	2019
B.E.,	Computer Science and Engineering	Mahendra College of Engineering	Anna University, Chennai	2017

### Work Experience as on June 2024

Name of the Institution		Position		From		To	
Knowledge institute of Technology, Salem		Assistant Professor		12 June 2023		Present	
Mahendra Institute of Technology		Assistant Professor		27 June 2019		09 June 2023	
<b>Total Experience</b>	5 Years 2 Months	<b>Teaching</b>	3 Years 2 Months	<b>Research</b>	2 Years	<b>Administration</b>	Nil

### Research Publications

Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	8	-	5	4	17

### Recent Publications (Journals)

1	<b>Ms.B.Manjubashini, S.Nallusamy , Dr. G.Rajeshkumar, Dr.S.Sandesh, Arokia Jesu Prabhu</b> in “Designing User-Centered IoT Middleware Solutions for Small and Mid-Scale Farmers for Precision Agriculture using Cloud Computing”in <b>International Journal of Advanced trends in Computer Science and Engineering, July – August 2020.(IJATCSE, ISSN 2278-3091) (Accepted and published in online)</b>
2	<b>B.Manjubashini , S.Prakash, A.Thirupathi , M.Naveen Kumar</b> in <b>Defense Data Sharing For Cloud Multi Groups with a Privacy-Preserving Access Control</b> in <b>International Journal of Advanced Trends in Computer Science and Engineering, Jan - February 2020.(IJATCSE, ISSN 2278-3091) (Accepted and published in online)</b>
3	<b>B.Manjubashini , R.Nandhakumar , T.Rajasekar , J.Suman</b> in <b>Workload Forecasting Using Machine Learning Techniques to Achieve Auto-Scalability</b> in <b>Data Centre</b> in <b>International Journal of Innovative Research in Science, Engineering and Technology</b> Visit: <a href="http://www.ijirset.com">www.ijirset.com</a> Vol. 9, Issue 2, February 2020.(ISSN(Online): 2319-8753) <b>(Accepted and published in online)</b>
4	<b>Manjubashini B, Vasanth R, Bharath Kumar S, Ajithkumar K, Chandhru S</b> in <b>Intrusion Detection of Imbalanced Network Based On Machine Learning</b> in <b>International Journal of Advanced trends in Computer Science and Engineering, Mar - April 2022.(IJATCSE, ISSN 2278-3091) (Accepted and published in online)</b>
5	<b>Manjubashini B <sup>1</sup>, Murali K <sup>2</sup>, Sujith C <sup>3</sup>, Vignesh Kumar J <sup>4</sup>, Vigneshwaran P <sup>5</sup></b> in <b>Detection of Cyberbullying on Social Media</b> in <b>International Journal of Research in Engineering and Science (IJRES) www.ijres.org ISSN (Online): 2320-9364, ISSN(Print): 2320-9356 www.ijres.org Volume 10 Issue 6   2022   PP. 46- 50 (Accepted and published in online)</b>
6	<b>B.MANJUBASHINI, PRASANTH.S, SRITHANU.K, BOOBALAN.G, DINESH.P</b> In <b>Prevent Vulnerability From Intruder Using Iot</b> in <b>International Journal of Advanced trends in Computer Science and Engineering, Sep - October 2022.(IJATCSE, ISSN 2278-3091) (Accepted and published in online)</b>

7	Ms.. Manjubashini. B1 AP/CSE., Ramakrishanan. G2 , Ramesh. A3 , Revanth. K.R4 , Subash. T5 in User Interface of Blockchain Based Agri Food Traceability Applications in International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)   ISSN: 2582-7219   www.ijmrset.com   Monthly, Peer Reviewed & Referred Journal     Volume 6, Issue 3, March 2023     DOI:10.15680/IJIRSET.2023.0603010
8	Ms.Manjubashini. B1 , Ramkumar. P2 , Saketh Kumar. S2 , Saravanan. R2 in Machine Learning Techniques for 5G and Beyond in International Journal Of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)   ISSN: 2582-7219   www.ijmrset.com   Impact Factor: 7.54     Volume 6, Issue 3, March 2023     DOI:10.15680/IJIRSET.2023.0603015
<b>Recent Publications (Conference)</b>	
1	Participated in 2nd International Conference on current and emerging process Technologies (concept 2019) in Advanced load sharing for effective energy using virtual machine scheduling in cloud analysis software defined network " on 25th Jan 2019.
2	Participated on International Conference on Computational Intelligence & Data science organized by East west college of engineering in collaboration with universal innovators and Elsevier, Bangalore in Enabling Security in Software defined Wireless sensor networks for Internet of Things on 4th February, 2021
3	Participated in the National Conference Communication and Signal processing Systems - 2021" at R.M.K. College of Engineering and Technology in Neural Network Architectures for the detection of SYN Flood Attacks in IOT systems on 8th OCTOBER 2021 to 9th OCTOBER 2021.
4	Participated in the 7th National Conference on Recent Trends in AI and Data Science ("ICON 2022") in Cryptography Algorithms to Defend against Ransomware Attacks organized by the Department of IT at Dr. M.G.R. Educational and Research Institute on 28.04.2022.
5	Participated in AICTE sponsored National Conference on "Paradigm shift in embedded, Communication, Artificial Intelligence & Robotics" (PECAR - 2K23) in Problem solving applications of machine learning in Net generation wireless networks organized by department Electronics and communication Engineering, jai Shriram Engineering College, on 3 <sup>rd</sup> & 4 <sup>th</sup> July 2023.

<b>Memberships in Professional Bodies</b>	
S.No.	Name of the Professional Body
1	Life time Member of The Institution of Engineers (IEI - India).

<b>Programs Organized</b>	
1	Organized Two day quiz on Skillset Program on 09/06/2020 in MAHENDRA INSTITUTE OF TECHNOLOGY.
<b>Highlights of Major Contributions</b>	
1	Entrepreneurship Incharge Event Coordinator
2	Autonomous Curriculum In-Charge & Co-ordinator

### Training Programmes Attended

1	Attended one day seminar on Research skill - Key to Success in Francis Xavier Engineering College in Assassins. With wings of Aero on 14/06/2020
2	Attended 3 days FDP on Enhancing professional skills in IT in Auxilium college (autonomous) Vellore on 6-8 th May 2020
3	Attended 5 days FDP on AI and Data Science in Oriental Institute of Science and Technology (Bhopal) on 10 - 14 th June 2020
4	Attended 7 days FDP on Recent Trends in Management in Gates Institute of Technology (AP) on 13 - 19 th July 2020
5	Attended ATAL FDP (7days) on Cyber security in ATAL IIT Kanpur on 26- 30 September 2020
6	Attended ATAL FDP (6 days) -AICTE sponsored STTP Phase I on Internet of Things based Automation using Machine Learning " (April 19-24, 2022).
7	one day International webinar on "Artificial Intelligence and Machine Learning Opportunities in Academics" on 28/05/2022 organized by Department of Computer Science, Sindhi College.
8	One Week Faculty Development Program on Amazon Web Services (AWS) Organized by the Department of EECE, GITAM (Deemed to be University), Hyderabad association with Brain-O-Vision Solution India Pvt. Ltd collaboration with AICTE, Ministry of Education, Govt. of India and (AWS) held on 22th to 27th Aug 2022...
9	Attended Three Day Online Faculty Development Programme on FOUNDATION OF DATA SCIENCE Organized by the Department of CSE, St. Joseph's Institute of Technology, Chennai- In association with Computer Society of India (Kancheepuram Chapter) held on 04th Aug 2022 to 06th Aug 2022 ...
10	Attended 5 days AICTE FDP on UHV Program
11	Completed one month training course on Artificial Neural Networks in Great Learning on 29.06.2023 .
12	Completed one month training course on Next Generation Networks in Great Learning on 19th July 2023
13	Completed one month training course on Basics of computer Application in IT SONIX Solutions on 9th July 2023
14	Attended Six days FDP on Current Trends in Engineering on 03.07.2023 to 08.07.2023, Organized by Sree Sakthi Engineering College, Coimbatore.
15	Attended Three days FDP on IDEA GENERATION on 06.03.2024 to 08.03.2024 in Vivekanandha College of Arts & Sciences for Women SANKAGIRI conducted by ICT Academy.
16	Attended Five days FDP on DATA ANALYTICS USING PYTHON on 25.06.2024 to 29.06.2024 in Annapoorana Engineering College Salem conducted by ICT Academy.

### Book Published

1	Published book in Navigating energy horizons : charting the landscape of power optimization in wireless sensor networks and ISBN number :978-93-92917-95-0   DOI : 10.252.15/9392917953
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