Name of the Faculty	**Dr.M.BHEEMALINGAIAH**	
Designation	Professor	
Date of Joining	3-6-2024	
E - Mail	bheemalingaiah.cse@jbiet.edu.in bheemasiva2020@gmail.com	

Educational Qualifications	Name of the Degree	Institute	Class
Ph. D	Ph.D	J.N.T. University, Anantapur,A.P	
PG	M.Tech	J.N.T. University, Hyderabad,	First class with distinction
UG	B.Tech	Gulbarga University, Karnataka	First Class
Work Experience			
Teaching	28 Years		
Research	8 years		
Industry	Nil		
Responsibilities held at the central level in college	-		
Responsibilities held at the departmental levelin college	R and D Coordinator and PG Coordinator		
Courses Handled atUG Level	1.Machine Learning 2. Artificial Intelligence 3. Data Science 4. Python Programming 5. Formal Languages & Automata theory 6. Computer Networks 7.Ad Hoc and Sensor Networks 8. C programming 9. Compiler Design 10. Data Communications and Networking 11. Network Security 12. Computer Organizations 13.Operating Systems 14. OOPS and C++ 15. Advanced Computer architecture 16. Design & Analyses of Algorithms 17. Data Structure through C 18 Mobile Computing		

Courses Handled at PG Level	1. Machine Learning 2.Network Security and Cryptography 3 Ad Hoc and Sensor Networks 4. Soft Computing 5.Computer Networks 6. Mathematical Foundations of Computer Science 7. Neural Networks 8.Deep Learning
Areas of Research	Mobile Ad Hoc Networks, Machine Learning, Artificial Intelligence, Deep Learning, Cyber Security. Internet of Things
Research Guidance for M. Tech/ Ph. D Students	Guide 70 M.Tech , More than 200 B.Tech,

Books/ Book Chapters Published	Number of Books published=4
	
	1.Book Tittle: Cyber Security using Machine learning
	   Authors: Dr.M.Bheemalingaiah ,Dr. Vivek Kumar , Prof(.Dr.) Reena Singh, Prof.(Dr.) B. K. Sarkar;
	
	   ISBN: 978-93-5545-117-0, Print: Kindle(Online), (Amazon)
	   Name of Publisher: Namya Press, New Delhi,
	   Publication date :28-10-2022
	2. Cyberattack Detection System using Machine Learning
	
	Authors: Dr. M. Bheemalingaiah, Prof. (Dr.) Kirti Mahajan
	         Prof. (Dr.) B. K. Sarkar
	
	   ISBN: 978-93-5545-116-3, Print: Kindle(Online), (Amazon)
	   Name of Publisher: Namya Press, New Delhi,
	   Publication date: 28-10-2022
	
	3. Blackchain Mechanism
	
	 Authors: Dr. M. Bheemalingaiah, Dr. P. Vishvapathi,,Dr. Vivek Kumar,Prof. (Dr.) B. K. Sarkar
	   ISBN:978-93-5545-116-3, Print: Kindle(Online), (Amazon)
	   Name of Publisher: Namya Press, New Delhi,
	   Publication date : 28-10-2022
	
	4. Computer Vision and Dee learning
	
	   Authors: Dr.M.Bhemalingaiah,,Dr.P. Vishvapathi, • Dr.Khaja Mahabubulla, ,Dr.Gonuguntla Rama Swamy
	
	   ISBN: 978-93-6132-199-3(Available in Flipcat)
	   Punisher: Scientific International Publishing House,
	
	   Date Publication: 01-01-2024

Prominent Research Publications in Journals	Number of Google Scholar Citations=136 h-index=7 i10index=6 Number of research articles published =13 Number of research articles Communicated = 4 [1] Dr. M. Bheemalingaiah Dr. Abburi Srirama Kanaka Ratnam, VenkaiahChowdary.Bhimineni , Dr. G. Ramaswamy",Advanced Face Detection Using Machine Learning &AI Based Algorithm", Journal of Harbin Institute of Technology, pp:132-139, Vol. 54, Issue. 3 2022, ISSN: 0367-6234, DOI: 10.11720/JHIT.54032022.15 (Scopus Indexed Journal) [2]Dr. M. Bheemalingaiah, Dr. E. Nageswara Rao, Dr. Abburi Srirama Kanaka Ratnam, SudhakarVecha,"Advanced Cyber Crime Rate Prediction using Deep Learning & AI Based Algorithm ",Journal of Harbin Institute of Technology, pp:140-146 , Vol. 54 Issue,. 3 2022, ISSN: 0367-6234, DOI: 10.11720/JHIT.54032022.15 (Scopus Indexed Journal) [3] Dr.M.BHEEMALINAGIAHA , Y. Saraswathi and I. Anusha, "Identification of Fake User On Social Networks USING Naive Bayes And Random Forest Algorithms", The International journal of analytical and experimental modal analysis", PP: 2458-246, Volume XIII, Issue IV, April/ 2021, ISSN NO:0886-9367(Scopus Indexed Journal) [4] Dr. M. Bheemalingaiah, Dr. G. Rama Swamy, Dr. P. Vishvapathi, P. VenuBabu, E. Nageswara Rao, Dr. P. Nageswara Rao "Detection of Heart Disease by using Reliable Boolean Machine Learning Algorithm", Journal of Theoretical and Applied Information Technology,pp: 3856-3880, Vol.99. No 15, 15th August 2021, ISSN: 1992-8645, E-ISSN: 1817-3195 (Scopus indexed Journal) [5]M.Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P. Sreenivasa Moorthy, "Survey of Routing Protocols, Simulation Tools and Mobility Models in Mobile Ad Hoc Networks",International Journal of Innovations & Advancement in Computer Science(IJIACS), Volume 6, Issue 11, PP.204-213, November 2017. ISSN: 2347 – 8616, UGC approved, Impact Factor: 2.65 . [6]M.Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P. Vishvapathi," Performance Analysis of QOS Aware Fault Tolerant Multipath Routing Protocol in Mobile Ad Hoc Networks", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 10, pp. 514-174, October 2016. ISSN: 2277- 128X, UGC approved and ISO 9001: 2008 Certified, Impact Factor: 2.5

[7]M.Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P. Vishvapathi, "Energy Aware On-Demand Multipath Routing Protocol in Mobile Ad Hoc Networks", International Journal of Computer Networks and Wireless Communications (IJCNWC),Volume.6, No 5, pp. 14-31, Sep-October 2016. ISSN: 2250-3501(one line), 2277-5307(print), UGC approved, Impact Factor: 0.765, citations=2

[8]M.Bheemalingaiah, C. Venkataiah, K. Vinay Kumar, M. M. Naidu and D. Sreenivasa Rao," Survey of Energy Aware On-demand Multipath Routing Protocols in Mobile Ad Hoc Networks",International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 4,pp. 212-222, April 2016.
ISSN: 2277-128X, UGC approved and ISO 9001: 2008 Certified, Impact Factor: 2.5, citations=4

[9]M.Bheemalingaiah, G. S. G. N Anjanelu , M. M. Naidu and D. Sreenivasa Rao, "Novel Approach for Secure Communication of Digital Signature using on- Demand Multipath Routing for Enhancing Network Security in Wireless Mobile Ad Hoc Networks",International Journal of Emerging Technology and Advanced Engineering, Volume 3, Issue 9, pp. 323-339, September 2013.ISSN: 2250-2459, ISO 9001:2008 Certified andScopus Indexed,ISRA Impact Factor: 4.027

[10]M.Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and G.varaprasad", QOS Fault Tolerant Multipath Routing for Mobile Ad Hoc Network",International Journal of Computer Sciences and Engineering Systems, Vol. 4, No. 1, PP. 1-12, January 2010.
ISSN: 0973-4406, UGC approved, Impact Factor: 2.1

[11]M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and G.Varaprasad," Power-Aware Node-disjoint Multipath Source Routing with low overhead in MANETs", International Journal of Mobile Network Design and Innovation, Vol. X, No. Y, pp.1-13, 2010.ISSN: 1744-2850, UGC approved, Inderscience publisher, Impact Factor: 0.245, Citations: 13, DOI:10.1504/IJMNDI.2009.030445, (Scopus indexed Journal)

[12]M.Bheemalingaiah, M. M. Naidu and D. Sreenivasa Rao," Energy Aware Clustered Based Multipath Routing in Mobile Ad Hoc Networks",International Journal of Communications, Network and System Sciences, pp. 91-169, Volume 2, 2009.
ISSN: 1913-3715, Impact Factor: 1, H5 index=12, Citations: 23,Web of Science
 DOI:10.4236/ijcns.2009.22014
[13]M.Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and G.Varaprasad," Energy Aware Node Disjoint Multipath Routing in Mobile Ad Hoc Network",Journal of Theoretical and Applied Information Technology, pp. 416-431, 2009.
ISSN: 1817-3195,(Scopus indexed Journal)

Prominent Research Publications in Conferences	**Number of International Conferences papers=5** **One IEEE Paper** **Accepted IEEE International Conferences Papers** Title: Deep Learning Technology Used High Dynamic Range Image Reconstruction and Detection in **International Conference On Electrical, Electronics and Computing Technologies** [1]. M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P. SreenivasaMoorthy, "Survey of Routing Protocols, Simulation Tools and Mobility Models in Mobile Ad Hoc Networks", in Proceedings of AICTE sponsored, International Conference on Internet of Things and Wireless Sensor Networks (IOTWSN-2017), organized by Sasi Institute of Technology and Engineering, A. pp.204-213, 2017, India. [2]. M.Bheemalingaiah, M M. Naidu, D. Sreenivasa Rao and P.Vishvapathi," Performance Analysis of Power_aware Node-disjoint Multipath Source Routing in Mobile Ad Hoc Networks", in Proceedings of7th IEEE International Advance Computing Conference (IACC-2017) organized by IEEE Computer Society Chapter of India Council and VNR VignanaJyothi Institute of Engineering and Technology, pp.361-371, 5-7, January, 2017, Hyderabad, India. Citation=2 ,DOI:10.1109/IACC.2017.0084 [3]. M.Bheemalingaih, M.M.Naidu, D. Sreenivasau Rao "Research Challenges in Mobile Ad Hoc Networks" , in proceedings of 3rd International Conference on Mobile, Ubiquitous and Pervasive Computing ,pp. 24-36 , Volume II, December, 2006 ,VIT University , Tamil Nadu, India. [4]. M.Bheemalingaih, M.M.Naidu, D. Sreenivasau Rao "Multi Media Streaming in 4G Mobile Communication Systems"in proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI2006), pp.934-939, January, 2006, Hyderabad, India. [5]. M.Bheemalingaiah, M.M.Naidu, D. Sreenivasau Rao "Self–organized power aware Public Key Management in Mobile Ad Hoc Networks", Proceedings of Asia Pacific conference on Parallel and Distributed Technologies, pp. 871-888, December, 2005, VIT University , Tamil Nadu, India.
Orcid ID	0000-0002-2850-3553
Professional Memberships	• Member of International Association of Engineers (IAENG) • Member of Computer Society of India (CSI) • Member of Indian Society for Technical Education (ISTE) • Member of International of Organized Research

FDP/ WORKSHOPS ATTENDED	Total number of Faculty Development Programmes(FDPS) =15
	Total number of Workshops =3

1.Fifteen Days FDP on "Data Science and Applications in STEM"Organized by Andhra University college of Engineering , Andhra University and University Engineering College-Vizizanagaram , JNTUK , Kakinada in Association with APSCHE(Amhara Pradesh State Council of Higher Education) from 7TH to 21st September ,2020.

2.Two Week one line FDP on "Wireless Commutation Technologies for IOT" organized by Electronics and ICT Academy supported by Ministry of Electronics and Information Technology , Govt. of India, Indian Institute of Technology (IIT) , Guwahati , from 27 July to 7 August 2020.

3.Two days FDP"Research Paper and Project Proposal Writing ", Organized by SreeVidyanikethan Engineering College, under the IEEE student chapter, 15th to 16th , May,2020.

4. Seven Day Online Short Term Training Program on "Development of Research Proposal and Funding Opportunity", Organized by Tirumala Engineering College, Narasaraopet, Guntur (Dist.) , A. P , held from June 3rd to 9th 2020.

5.on week Online Faculty Development Program on "Artificial Intelligence" organized by Department of Computer Science and Engineering of Vardhaman College of Engineering in collaboration with BrainOvision Solution India Pvt Ltd from May 22th to26th, 2020.

6. Five days online Faculty Development Program on "Innovative Trends in Data Analysis with AI" , organized by Department of Electronic and Communications Engineering of MalineniLakshmaiah Women's Engineering , Guntur, A.P with Association of Codegan IT Solution from 26th to 30th may 2020.

7. On line Faculty Development Program on "AWS Cloud Computing Services", organized by Department of Computer Science and Engineering, Jonginpally B.R Engineering College, Hyderabad, on 3rd June 2020.

8. Five days Faculty Development Program ""Artificial Intelligence" organized by Department of Computer Science and Engineering of Vignana Bharathi Engineering College , Hyderabad , from 22th to 26th May,2020.

9. One week Faculty Development Program on "Data Science Using R Programming", organized by Department of IT in association with Webtek Labs , Mahaveer Institute of Science and Technology ,Hyderabad , from 12th to 17th June 2020.

	10. Five days On line Faculty Development Program on "Introduction to Data Science" organized by Department of Computer Science and Engineering, Guntur Engineering College , Guntur, from 18th to 22nd may 2020.
	11. One week FDP on "Outcomes Based Education and National Board of Accreditation (NBA)",Organized by Vardhaman College of Engineering, Hyderabad, 11th to16th, May, 2020.
	12.One week FDP on "Data Analytics and Machine Learning using Python, R- Programming, Tabluea, SPSS" , organized by department of CSE with association with CSI, ISTE, IEEE at Geethanjali College of Engineering and Technology, Hyderabad, from 11th to 16thFebruary 2019.
	13. Two Faculty Development Program on "Effective Teaching Methodology" conductedbyIndian Society for Technical Education(ISTE), A.P section and St. Peter's Engineering College ,Hyderabad, 27th and 28th , June 2013.
	14. National Level One week One ISTE-STTP on "Machine Learning: Applications, Research Challenges", organized by Department of Computer Science and Engineering, Malla Narasimha Reddy Educational Society and Group of Instructions, Hyderabad, 2nd to 7th November,2020
	15 . One Week FDP On "Machine Learning Applications and Internet Of Things " organized by Bapatla Engineering College, Bapatla, A.P, 3 to 7 march 2024.
	List of workshops
	1. Two day National workshop on "Preparing for NBA Accreditation and SAR filling" (Under TEQIP-III Training Program) at JNTUH college of Engineering during 18th and19th February, 2019,
	2. Three Day Workshop on "VLSI Technology Organized" By MuffakhamJan'College of Engineering and Technology. Hyderabad, during 19 – 20, Aug, 2001.
	3. Seven Day Workshop On "Online Examination Training" Conducted by CGG (Center For Good Governance) and Sponsored by J.N.T.U, Hyderabad,.During 3-9 Feb, 2004.
Organized Seminars /Guest Lecturers / Workshops/ Conferences	• One Faculty Development "Programme On Python With Django", Date: 22-27, May, 2020 • One Day Webinar On "Artificial Intelligence", Date: 30th, May, 2020 • A Two week Faculty Development on"Design and Analysis of Algorithms" by Dr. SartajSahani, University of florida, U.S.A in 2005.

	• A Two Day Faculty Development (FDP)"On Data Mining Tools" by Dr. K.Subramanyam, NIT, Warangal, 2005 • A Guest Lecturer on "Decision Support System" by Dr. K. Katyayani from SreePadmavathiMahila University, Tirupathi. 2005 • A Guest Lecturer On "Natural Language Processing" by Prof Ramasri, 2005 • Awareness Program on "J2EE Technologies", by Dr. M. RajasekharBabu , VIT, 2005 • A Guest Lecturer on "Ethics and Personality Development" By Sri PujyasriUruji, 2005 • A Guest Lecturer on "Free Software Availability" by Mr. Pratush from TCS,2005 • A Guest Lecturer on "Mobile and Wireless Networks" by P.V.Krishna , Associate Professor, VIT, 2005 • National Level student paper Contest on "Cognoscent – 2005". • One Day Workshop On "Image Processing and Pattern Recognition" by Dr. E. G.Rajan, Retired Professor, IIT, Chennai, 2005
Invited talks /Visiting Professor/ Resource Person	• Research Talk on Research Articles and Publications at J.B. Institute of Engineering and Technology, Hyderabad on 3-8-2024 • Acted as Resource person and delivered lecture on the topic "Mobile Ad Hoc Networks" for a Two-day Seminar on "High Speed Intelligent Communication Networks" sponsored by AICTE,New Delhi and conducted by Dept. CSE & CSSE, SreeVidyanikethanEngineering College, Tirupati, During 7-8 July 2006. • Acted as Resource person and delivered lecture on the topic "Internet security" for a Two-day seminar on "Internet Technology", conducted by Department of CSE, Intell Engineering College, Anantapur, during 4 - 5 Feb 2006. • . Acted as resource person and delivered lecture on the topic " Mobile and Wireless Technologies" for a Two-day seminar on "Information Technologies", conducted by Dept of CSE at,Intell Engineering College, Anantapur, during 11 – 12 Dec' 2005. • Acted as Chair Person for "National Conference on Advanced Information Technology", Organized by Dept. of CSE and IT at MLEC, Sigrayakonda , 2008
PATENTS	Number of patents=6 1.Title: Quantum Computing-Assisted Machine Learning System and Method Application No.202441055867 Date of Publication :02/08/2024 Official Journal of Patent Office (Indian Patent) 2.Title: "IWS-Device : Intelligent Woman Safety Device using

| | A.I (Artificial Intelligent) Programming"
Application number: 202041000359
Date of Published: 4-1-2020
Official Journal of Patent Office (Indian Patent)

3.Title: "IHY- Prediction: Intelligent System and method for advanced Harvest Yield Prediction Using IoT based technology"
Application number: 202041000402
Date of Published: 5-1-2020
Official Journal of Patent Office(Indian Patent)

4.Title: Airplane, Aircraft Accidents Predictive Analysis using Machine Learning, Deep Learning and other Programming"
Application number: 202341046337
Date of Published: 15-1-2020
Official Journal of Patent Office(Indian Patent)

5.Title: IoT based smart farming system to predict crop and fertilizers based on various factors using machine Learning Algorithms
Application Number: 202341046337
Date of published: 10/07/2023
Official Journal of Patent Office(Indian Patent)

6. Title: AI Based Network Intrusion Detection Device
Design number: 6297470
Date of Published : 04-8- 2023 (UK Patent) |
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