Name of the Faculty	Dr. G. Sreenivasulu		
Designation	Associate Professor & HOD, Department of CSE		
Date of Joining	23-07-2003		
E - Mail	hodcse@jbiet.edu.in		
Educational Qualifications	Name of the Degree	Institute	Class
Ph. D	Doctor of Philosophy (CSE)	SSSUTMS	Awarded
PG	M.Tech (CSE)	JNTUH College of Engineering, Anantapur	First class with Distinction.
UG	B.E (Electronics)	Marathwada University	First Class
Work Experience			
Teaching	24 Years		
Research	10 Years		
Industry	8 Years		
Responsibilities held at the central level in college	- Head of Department of CSE from November 2022 to till date. - Controller of Examinations from March 2017 to October 2022. - Additional Controller of Examinations PG from 2011 to 2016 - Member Academic Council 2011 to till date - Officer In-charge Examinations from 2005 to 2009.		
Responsibilities held at the departmental level in college	- Chairman Board of studies of Department Of Computer Science and Engineering from April 2014 to March 2017 - Head of the Department Of Computer Science and Engineering from April 2014 to March 2017 - In-charge Head of the Department Of CSE Oct 2010 to 2014 - In-charge Head of the Department Of Information Technology 2005 to 2010		
Courses Handled at UG Level	C Programming, Database Management Systems, OOPS through JAVA, Computer Networks, Python Programming, Data warehousing and Mining, Visual Programming Techniques, Operating Systems, Software Engineering, Web Technologies, Linux Programming, Artificial Neural Networks, Computer Graphics, Artificial Intelligence, Big Data Analytics, Blockchain Technology, Machine Learning		
Courses Handled at PG Level	Java Web Technologies Semantic Web and Social Networks, Network Programming Distributed Databases Big Data Analytics, Blockchain Technology		

Area of Research	High-Performance computing and Deep Learning
Research Guidance for M. Tech/ Ph. D Students	150 projects under UG Level and about 45 projects at PG Level.
Books/ Book Chapters Published	Tutorial on Oracle 9i - www.exforsys.com
Research Publications in Journals	- Published a paper on "Understanding Drug Effectiveness using Patient Feedback" International Research journal of Modernization in Engineering Technology & Science(IRJMETS) UGC Journal Vol-6/Issue-04 2582-5208 April 2024. - Published a paper on "Gesture Controlled White Board System for Interactive Digital Collaboration" International Journal of Engineering & Science Research(IJESR) UGC Journal Vol 14/Issue 2 2582-5208 April 2024. - Published a paper on "Article Summarization tool Using machine Learning" Journal Of Engineering Sciences(JES) UGC Journal Vol-15/Issue 4 10.15433 April 2024 - Published a paper on "Deep Learning Based Text to Image Generation" International Journal of Scientific Research in Science, Engineering and Technology Volume 10, Issue 2, pp 1513-1517 March -2023 - Published a paper on "Electricity Consumption Prediction Using Machine Learning" International Journal of Scientific Research in Science, Engineering and Technology Volume 10, Issue 2, pp 560-563 March -2023 - Published a paper on "Stock Market Prediction Using Transformers" International Journal of Scientific Research in Science, Engineering and Technology Volume 10, Issue 2, pp 282-289 March -2023 - Published a paper on "Blockchain Based Education Document Verification System" International Journal of All Research Education and Scientific Methods (IJARESM) Volume 10, Issue 6, pp 1513-1517 June -2022 - Published a paper on "Analyzing CC Camera For Social Distance" in International Journal of Creative Research Thoughts (IJCRT) Volume-10, Issue 2, pp 507-512, June 2022. - Published a paper on "Deep Learning Approach for Shrewd Intrusion Detection System" The International journal of analytical and experimental modal analysis ISSN NO:0886-9367, Volume 13 , Issue 9 pp 1455-1462 , September -2021 - Presented and Published a paper on "A Distributed Fault Analysis (DFA) Method for Fault Tolerance in High-Performance Computing Systems" , International Conference on Communication and Intelligent Systems (ICCIS-2019) 9th- 10th November -2019 - Published a paper on "A Survey on Rule-Based Systems and the significance of Fault Tolerance for High-Performance Computing",

	International Journal of Computer Science and Information Security (IJCSIS), ISSN 1947-5500, Vol. 16, No. 4, April 2018.
	• Published a Paper on "Novel Malware Propagation on Modeling the Power Law" in International Journal of Scientific Research and Technology Research, ISSN 2319-8885, Vol.05, Issue.38, October-2016, pp 7859-7862.
	• Published a paper on "Inpainting an Image based on Enhanced Resolution" in International Journal of Computer Technology & Applications ISSN: 2347-7229 ,Volume: 6, Issue:1 July 15, pp 23-26
	• Presented a paper titled "Proactive Node Failure Detection in HPC Cluster", in National Conference on Advanced Computing and Pattern Recognition- ACPR-2014. pp 354-357
	• Published a paper titled "A survey of recent trends in improvement of multicore processors performance" in international journal of engineering research & industrial application(IJERIA) , ISSN 0974-1518, VOL 3,NO-II, MAY 2010 , pp 237-258.
	• Published a paper titled "Pulse-coupled neural network based analysis to find correlation between brainwave and behavioral pattern" in International Journal of Multidisciplinary Research and Advances in Engineering (IJMRAE), ISSN 0975-7074, April 2010, pp 313-322.
	• Published a paper titled "ANN Based TRP prediction to be telecasted programs" in the Broadcasting Corporation journal proceedings of June 2009.
Research Publications in Conferences	• Attended & Presented paper 5th International Conference on Emerging Technologies in Computer Engineering: "Cognitive Computing and Intelligent IoT" (ICETCE-2022)
	• Attended & Presented paper in A National Conference on Advanced Computing and Pattern Recognition (ACPR-2014) to be held during 8th and 9th January 2014 organized by JNTUHCEJ, Jagitiyal
	• Attended & Presented paper an International Conference ICMOT-2010 during 22nd- 23rd January 2010,organized by IACQER New Delhi at Swarnandhra College Of Engineering & Technology –Narsapur A.P., and presented a paper on " Multithreading to Corespilling : A survey on multicore processors' Performance".
Patents Published	• Recurrent Neural Network With Adaptive Long Short-Term Memory Units For Sequence Modeling 20 2023 106 653.4 13/11/2023 German Utility Patent Grant Granted On 22/12/2023
	• Quantum Computing Assisted Machine Learning System and Method Application No.202441055867 A Date of filing of Application :22/07/2024 Publication Date 02/08/2024
	• Behavioral Biometrics Authentication System and Method for secure cloud computing Application No.202441055871 A 22/07/2024, Publication Date 02/08/2024
	• Generative Model For Creating Synthetic 3d Environments From 2d Images, Published on 21-12-2023

	• **Reinforcement Learning Framework For Autonomous Vehicle Navigation In Complex Urban Environments, Published on 22-12-2023** • **Machine Learning Strategy For Performance Enhancement Of Phase Change Material For A Smart Control Solar Application, Published on 02-12-2022.** • **Deep Learning Model For The Smart Development Of Automatic Solar Light Tracking Structure, Published on 02-12-2022.** • **Wireless Mouse System With Power Saver Technology, published: 0n 21st August 2020, Date of filing of Application 01st August 2020**
Seminars / Workshops / Conferences Organized:	• **Organized one day workshop "Stela 5.0 with AI by Dr. S. Ramanarayana Reddy, Professor & HOD CSE, IGDTUW, New Delhi." on 16-07-2024** • **Organized National Environment Science Conference (NESA) A National level Conference in JBIET in Nov' 2005.** • **Organized Infoquest A National level symposium for students for 10 consecutive years.** • **Organized several workshops and Guest Lectures.**
Workshops / Seminars attended:	• **Attended Seminar on AI innovation Forum by Indian Express Group on 18th July 2024** • **Attended Workforce Productivity Conclave on 28 February 2024 by Dell .** • **Attended AWS Summit organized by Amazon on 25th August 2023.** • **Successfully completed "Lean Six Sigma Yellow Belt Training" on 07-July-2022** • **Attended a Three Day workshop on "Learn Fx @ Campus" organized by Adobe Systems in JB Institute of Engineering & Technology in April 2015.** • **Attended a two day workshop on "Research Methodology in Science, Engineering & Management held from 28th February to 1st March 2014, at JB Institute of Engineering & Technology.** • **Attended a Three Day workshop on Cloud Computing from 3rd to 5th March, 2014 conducted by Cloud Soft Solutions at Joginpally BR Engineering College.** • **Attended a Two Day workshop Bigdata on 20th , 21st September 2013 Organized by The Center for Research & Innovation Exchange (tcrix), Hyderabad.** • **Attended a One Day "Ed-vantage Faculty summit" on 17th May 2013 at Hyderabad organized by Microsoft.** • **Attended a workshop on "High-impact Teaching Skills – Mission 10X" from 6th to 10th June 2011 organised by ISTE Chapter of Hyderabad at JBIET.** • **Attended a Seminar on "Broadcasting in a multi-platform Scenario" on**

	26th December 2010 Organized by Broadcast Engineering Society (India) at Hyderabad. • Attended JNTU-Cisco Education Event held on 19th March 2008 organized at UGC Academic staff college by JNTU, Hyderabad. • Attended a Five day workshop of " TECS" TCS Excellence in computer science -2008 @ TCS Hyderabad during 14th -18th February 2008. • Organized and attended a FIVE day workshop on "LINUX in higher technical education" during 3rd to 7th September 2007 at JBIET. • Attended a three day workshop on "Research Methodologies for Engineers" at JB Inst of Engg. & Technology, Moinabad during 13th-15th February 2007.
Administrative positions held in JBIET	• Presently working as Head of Department of CSE from 4th November 2022 to till date. • Worked as Controller of Examinations, Autonomous Examination section, JBIET from 7th March 2017 to 30th October 2022. • Worked as Chairman Board of studies of Department Of Computer Science and Engineering of JBIET from April 2014 to 7th March 2017 • Worked as Head of the Department Of Computer Science and Engineering of JBIET from April 2014 to 7th March 2017. • Worked as Additional Controller of Examinations PG for Autonomous conducting Examinations after JBIET is accorded Autonomous status from 2011 to 2016 • Worked as Officer In-charge Examinations from 2005 to 2009.
Membership of Professional Bodies	• Life member of Computer Society of India (**CSI**) - **Member ID: I0128416** • Member of Association for Computing Machinery **(ACM) - Member No. 6364424**