Name of Faculty	Dr.B.Veera Jyothi	
Designation	Associate Professor	
Nature of Job/Appointment	Permanent	
Date of Joining	26-09-2007	
E-mail	veerajyothi_it@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Ph. D (CSE)	Awarded
PG	M.Tech(Software Engineering)	First class with distinction
UG	B.E(Computer Science and Engineering)	First class with distinction

Work Experience	
Teaching	23 Years(includes Research experience)
Research	06 years
Industry	Nil
Others	NIL
Area of Specialization	Software Engineering, Image Processing ,Machine Learning, Internet of Things, Block Chain Technology.
Professional Memberships	1.Member of IEEE
	2.Life Member of Indian Society for Technical Education
	3.IEAE Membership(IEAE-05432)
	4.IJIRMPS Membership(ID:299)
Responsibilities held at Institution Level	1. Working as Research Co-ordinator, IT Department
Responsibilities held at Department Level	1. NBA-Criteria 5 Incharge 2. NAAC Criterria 3 Incharge 3. Head-Course Expert Group-6 4. Designed A Course on "Block Chain Technologies", for MTech (AI&DS) in the year 2020.
Research Guidance	nil
Awards	1. Received Dr A P J Abdul Kalam Best Researcher Award in the year 2019-2020 by International Organization Of Innovation And Publishers (IOIRP). 2. Received Elsevier Recognized Reviewer award during 2018 for Pattern Recognition Journal.
Courses Handled at Under Graduate / Post Graduate Level.	**UG**:. Agile Methodolofies,Java Programming and Enterprise Frameworks, Software Engineering,. Java Programming, OOSD using UML,. Internet of Things, Business Intelligence,. Software Testing,. OOP using JAVA
No. of Papers Published	National Journals – 00 International Journals – 16 National Conference – 3 International Conference –12

Projects Carried out	1. Applied for SERB-CRG project titled "Developing Fully Automated Unmanned Arial Vehicle for Agricultural Field Monitoring ", status - provisionally accepted. 2. Applied for SERB-CRG project titled "Design and Development of Intelligent robots for fruit harvesting",status - provisionally accepted. 3. Applied for SERB-CRG project titled "Remote Patient Monitoring for Improved Healthcare Access to Rural Communities using the Internet of Medical Things and Artificial Intelligence"
Patents	05-Published, 1-granted
Technology Transfer	--
Invited Speaker (Few Important/Prominent)	--
No. of Books/Chapter Published with details	1. Published Book Titled "Internet Of Things " ,Lambert Academic Publishers, ISBN -978-670-0-08448-8,March 2019. 2. Book Titled "Intellectual Property Rights ",Published by Xpress Publishing,ISBN-978-1-64919-021-5,March-2020. 3. Book Titled "Production And Operation Management", published by Xpress Publishing,ISBN-978-1-64783-750-1,March-2020 4. Book Titled "Waste Management And its Challenges " Published by , Xpress Publishing,ISBN:10-1649194501,March 2020.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. A One Week Faculty Development Program on Quality Education through OBE,CBIT Hyderabad during 2024. 2. A One Week Faculty Development Program on BIO-INSPIRED COMPUTING FORDATA ANALYTICS, ATAL Academy during 2022. 3. A One Week Faculty Development Program on ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS , ATAL Academy during 2021. 4. A One Week Faculty Development Program on "Faculty Programme on NBA(2020)", at Mumbai during 05-13-2020. 5. A One Week Faculty Development Program on "Research Challenges and opppourtunities2020)", at Andhra Pradesh conducted by sri vasavi engg college during 04-05-2020 to 09-05-2020. 6. A One Week Faculty Development Program on "Outcome based education and NBA Accreditation process (2020)", conducted by CBIT,Hyderabad during 28-05-2020 to 01.06.2020. 7. A One Week Faculty Development Program on "Moodle learning Management system (2020)", conducted by IIT Bombay at Bombay during 04-05-2020 to 09-05-2020. 8. A One Week Faculty Development Program on "Outcome based education A step Towards Excellence (2020)", conducted by Government of Engg college Karad , Maharashtra during 11-05-2020 to 15.05.2020. 9. A One Week Faculty Development Program on "Introduction to data science (2020)", conducted by Guntur Engg college at Kakinada during 18-05-2020 to 22-05.2020. 10. A one week Faculty Development Programme on "Block Chain Technologies(ATAL) during May 2020. 11. Four weeks Faculty Development Program on "Data Science "Conducted by EXCELR during 1st -30th June 2020. 12. A One week Faculty Development Program on "Block Chain And Cyber security ", conducted by Andhra University and MeITy-Government of India during 22nd to 26th June 2020.

13. A One week Faculty Development Program On" Artificial Intelligence", Conducted by CBIT during June 2020.
14. A one week Faculty Development Program on "PHP & MySQL", conducted by JNTU Jagityal during 18.05.2020 to 23.05.2020.
15. A one week Faculty Development Program on "Machine Learning using Python", conducted by POORNIMA Engg college during 19-05-2020 to 22-05-2020.
16. A one week short term Training programme on "NBA – Accreditation " During 22-04-2019 to 26-04-2019.
17. A one week Faculty Development Program on "IOT And Embedded system design", conducted by IIT Guwahati during 03-12-2018 to 08-12-2018.

Training/Workshops

. Four Days workshop on BODHI tree conducted by IIT Bombay during April 2020.

Webinars

1. Participated 16 sessions of webinars conducted By MHRD-IIC New Delhi during 28-04-2020 to 22-05-2020.

Details of Journal Publications/ Conferences **(National and International)**
International Journal from the year 2017
1. Dr B.Veera Jyothi, "A Robust Lane Detection System For Autonomo Us Vehicles Using Reliable Lane Markings",Gradiva Journal (Scopus journal) during May 2023.
2. Dr B.Veera Jyothi,"Smart Stick For Visually Impaired Using IOT ", IJNRD journal during 2023.
3. Dr B.Veera Jyothi,"Smart Shopping Cart Using IOT ", IJNRD journal during 2023.
4. Dr B.Veera Jyothi,"Security Issues in Vehicular AdHoc Networks and Quantum Computing",published a book chapter ,indexed in scopus and WoS, during 2023.
5. Dr B.Veera Jyothi and Dr Suresh Kumar "Smart Bus Tracking System For Visually Impaired People Using IOT", International Journal of IJCEA ISSN:2321-3469 , XIVSpecial Issue, June 2020.
6. Dr.B. Veera Jyothi , Dr.L.Suresh Kumar, and Dr.P.V.R.Ravindra Reddy "Design Of An FLC Using Mamdani Approach For The Estimation Of Weld Ductility Of MIG Welded Al-65032 Alloy , (2020)" International Journal of IJCEA ISSN:2321-3469 , XIV, Special Issue, June 2020.
7. Dr.B.veera Jyothi, "Smart Security Lock System With Intrusion Detection And Facial Recognition(2020)" International Journal of IJCEA ISSN:2321-3469, Special Issue, June 2020.
8. Dr.B. Veera Jyothi , Dr.L.Suresh Kumar, and Dr.P.V.R.Ravindra Reddy "A Fuzzy Logic Controller For Estimation Of Proof Stress In GMAW Process", International journal of JUNI KHYAT, Special Issue, June 2020.
9. Dr.B. Veera Jyothi ,"Design of Multi Level Authentication System For Intruder detection", International journal of JETIR ISSN :,2349-5162. Volume 6, Issue 5-2019,PP 156
10. Dr.B. Veera Jyothi ,"Implementation of Multi Level Authentication System For Person Identification" International journal of JETIR ISSN:2349-5162", Volume 6, Issue 5-2019,PP157
11. Dr.B. Veera Jyothi ,"Water level monitoring system for alerting people about the floods. Identification" International journal of JETIR ISSN:2349-5162", Volume 6, Issue 5-2019,PP795
12. Dr.B. Veera Jyothi and Dr.P.Suryanarayana Babu,"Research Findings and Future Scope of Studies in Neural Network Architecture and Machine Learning Approaches for Image Retrieval" ,International journal on "IJEEE:ISSN:2348-4748",Volume 5 Issue 3,march 2018.
13. Dr.B.Veera Jyothi ,Aishwarya and Guha Priya(2018),"Generating An Impact Analysis Algorithm FOR THE TOURISM BRAND Incredible India" International journal of IJEEE:ISSN:2348-4748",Volume 5 Issue 3,march 2018,PP 19
14. Dr.B.Veera Jyothi "Brain Computer Interaction" International journal of IJETCAS ISSN:2279-0047,Volume5 Issue 5
15. Dr.B. Veera Jyothi and Dr.P.SuryanarayanaBabu ,"A Novel Approach for Image Retrieval using Back Propagation Neural Network" International journal of IJSRD/2321-0613 ",Vol. 5 Issue 07, 2017,PP 276

16. Dr.B. Veera Jyothi and Dr.P.SuryanarayanaBabu "Joint Sparse Representation Mechanism for Multimodal Face Recognition" international journal of IJETSR ISSN:2319 – 1163", Volume: 1 Issue: 3/2017.
National Journal- nil

National Conferences:

1. "Smart Bus Tracking For Visually Impaired People Using Iot ", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2020.
2. "Design Of An Flc Using Mamdani Approach For The Estimation Of Weld Ductility Of Mig Welded Al-65032 Alloy", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2020.
3. "Security Lock With Intrusion Detection And Facial Recognition Using Iot ", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2020

International Conferences:

1. "Development of innovative algorithm for sound detection based on FFT and Goertzel algorithms",**IEEE conference** IDCIOT 2024 conducted by Reva University , Bangalore during January 2024.
2. "Real-time Smart Waste Management: Arduino-Enhanced Trash Detection and Classification",IAS conference 2023 , conducted by MIR Labs during December 2023.**Springer conference.**
3. "AgriCrop - Crop Recommendation Through Soil Analysis and Plant Monitoring",IAS conference 2023 , conducted by MIR Labs during December 2023.**Springer conference**.
4. "Collaborative Learning for Personalized Medicine: Federated Approaches to Disease Prediction and drug recommendation",ICCIC 2023 **Springer conference**,conducted by Vasavi college of Engineering during December 2023.
5. "Design and analysis of Leaf spring by using composite material", International Conference on International E-Conference on Futuristic trends in Mechanical, Materials and Manufacturing -2020, conducted by St Peters institute for higher education and research, on 16-06- 2020 Chennai.
6. "Design and fabrication of missile wing gear box", International Conference on International E-Conference on Futuristic trends in Mechanical, Materials and Manufacturing -2020, St Peters institute for higher education and research, on 16-06- 2020 Chennai.
7. "A Fuzzy Logic Controller for estimation of Proof stress in GMAW Process", International Conference on International E-Conference on World of Machine Learning and Artificial Intelligence in Digital Era-2020 on29.05.2020 and 30.05.2020 Tamilnadu.
8. "Detection of node failure using probabilistic approach in wireless sensor networks" international conference on IIAR continental conferences and journals. On 23-05-2018
9. "Joint Sparse Representation Mechanism for Multimodal Face Recognition" international conference on 2nd International conference on recent trends in engineering, applied science and management conducted by NITTTR Chandigarh, on 23-04-2017
10. "Smart Bus Tracking For Visually Impaired People Using Iot ", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2020.
11. "Design Of An Flc Using Mamdani Approach For The Estimation Of Weld Ductility Of Mig Welded Al-65032 Alloy", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2020.
12. "Security Lock With Intrusion Detection And Facial Recognition Using Iot ", at National E-Conference on Trends in computer Engineering and Applications conducted by Jagadambha college of Engineering and technology, Maharashtra during 24.05.2022.