Name of Faculty	Dr. P. RAMESH BABU	
Designation	Associate Professor	
Nature of Job/Appointment	Contract	
Date of Joining	04 - 04 - 2022	
E-mail	prameshbabu_it@cbit.ac.in	

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (CSE)	Awarded
PG	M. Tech. (CSE)	First
UG	B. Tech(ECE)	Pass

Work Experience		
Teaching	15 Years	
Research	05 years	
Industry	--	
Others	--	
Area of Specialization	Wireless Networks, Sensor Networks and Data Mining	
Professional Memberships	Member of ISTE – LM 78723	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	1. CEG – Head (Data Mining) 2. Department Audit Incharge 3. NACC Criteria 6 – Head 4. HoD and Controller of Examinations at Previous organization.	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Data Warehousing and Data Mining, Computer Networks, Mobile Computing, Data Communications, Advanced Wireless Networks, Unix and Shell Programming, Distributed Data base systems, DBMS, Computer Graphics, Information Security, Programming for Problem Solving, Object Oriented Python Programming, Data Analysis and Visualization.	
No. of Papers Published	National Journals – 00 International Journals – 07 National Conference – 03 International Conference– 09	
Projects Carried out	Convener of AICTE Sponsored Two days Virtual Conference on "International Conference on Research trends in Deep Learning, Big Data and Internet of Things" conducted on February 26th and 27th 2021 at Siddharth Institute of Engineering & Technology, Puttur, Chittoor Dt., A.P.	
Patents	Convener of AICTE Sponsored Two days Virtual Conference on "International Conference on Research trends in Deep Learning, Big Data and Internet of Things" conducted on February 26th and 27th 2021 at Siddharth Institute of Engineering & Technology, Puttur, Chittoor Dt., A.P.	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	**3 Book Chapters** ISSN 2662-3447 ISSN 2662-3455 (electronic) Learning and Analytics in Intelligent Systems ISBN 978-981-15-9292-8 ISBN 978-981-15-9293-5 (eBook)	

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).

1. FDP Organizer: a 5 Day MDP on" Analytics Data Driven Decision Making" sponsored by DC-MSME and Ni-MSME.
2. FDP Organizer : One Day Workshop on " A Session on Supply Chain Resilience & the Role of the Decision Scientist.
3. One Week National level Faculty Development Programe on "Ethical Hacking" conducted by Blockbuck Organization during 27th Feb 203 to March 3rd, 2023.
4. National level hands on workshop on "Cyber security tools and Techniques" on 14th May 2022 conducted by CSE department, CBIT
5. Faculty In-house training conducted by IQAC CBIT, Hyderabad during the period 23rd April to 30th April 2022.
6. Five day online FDP on ""Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 31 May, 2021 to 4 June, 2021.
7. One day online Webinar on "Emotional Intelligence for Faculty Members" on 19th June 2020 conducted by Siddharth Institute of Engineering & Technology, Puttur, A.P., India.
8. One day online Webinar on "SWOT Analysis after Covid-19" on 16th June 2020 conducted by Siddharth Institute of Engineering & Technology, Puttur, A.P., India.
9. Three day online FDP on "Computer Vision using Convolution Neural Networks" during 3rd June 2020 to 7th June 2020 conducted by Siddharth Institute of Engineering & Technology, Puttur, A.P., India.
10. Five day online FDP on "Business -4.0-Embracing Digital Technology" during 3rd June 2020 to 7th June 2020 conducted by Siddharth Institute of Engineering & Technology, Puttur, A.P., India.
11. One day online Webinar on "Research Proposal Writing for Funded Projects" on 29th May,2020 conducted by Siddharth Institute of Engineering & Technology, Puttur, A.P., India.
12. Five day online FDP on "Artificial Intelligence and Machine Learning" during 18th May 2020 to 22nd May 2020 conducted by Department of CSE, CMR Technical Campus, Hyderabad.
13. One day workshop on "Awareness on Various Programs for Foreign University Collaborations" on 16th May,2015 at JNTUA college of Engineering, Anantapur.
14. Two day workshop on "Project implementation to Project execution (PiPe-Level-2)" Consulting Orientation for Research & Academic Leveraging (CORAL) during 25th& 26th April, 2015 at Rashtriya Sanskit Vidyapeeth, Tirupati.
15. Two day workshop on " Formulation of Research & Development Initiatives for Engineering Faculty" during 05th& 06th , September 2014 at JNTUA college of Engineering, Anantapur.

16. Indo- US collaboration on One week International Workshop on "Research Methodology" under TEQIP during 11th to 15th June, 2012 at Madanapalle Institute of Technology & Science, Madanapalle, A.P.

17. One Day workshop on Research Methodologies on 9th November, 2012 at SIETK,Puttur.
18. Two day workshop on " Research Methodology and Network Simulator-2(NS-2) during 24th& 25th September 2011 at K.S.R. College of Engineering, Tiruchengode, Namakkal Dt., Tamil Nadu.

19. A Ten Day Faculty Development Programme on " Data Science and Big Data Analytics" during 16th – 25th March, 2017 at Dept. of CSE., S.V. University College of Engineering, S.V. University, Tirupati, Chittoor Dt., A.P.

20. Two Day FDP on " Wireless Sensor Networks-Applications and Challenges" during 20-21 April, 2013 at SreeVidyanikethan Engineering College, Tirupati.

21. Two Day FDP on " Wireless Networks and Simulation through NS-2" during 8-9 March, 2013 at Sree Vidyanikethan Engineering College, Tirupati

22. One Day FDP on " Cloud Computing" on 20th August, 2011 at Sri Venkatesa Perumal College of Engineering, Puttur.

Details of Journal Publications/ Conferences (**National and International**)

International Journal

1. International Journal of Computational Systems Engineering(Inderscience online journal) on "Cross Layer based Modified Virtual Backoff Algorithm for Wireless Sensor Networks " Vol. No.4, Issue No.4, 2018 (Scopus Indexed)

2. International Journal of Wireless and Mobile Computing on "An enhanced virtual backoff algorithm for wireless sensor networks" Vol.No.13,issue no,3 - 2017 (Scopus Indexed)

3. International Journal of Intelligent Engineering and Systems on "Ant Colony and Tolerable Delay Based Modified Virtual Backoff Algorithm for Wireless Sensor Networks" Vol.10, No.2, 2017. (Scopus Indexed)

4. International Journal Annals. Computer Science Series on "Energy-aware Virtual Backoff Algorithm for Improved Network Lifetime in Wireless Sensor Networks" Vol. 13 Issue 2, 2015. Indexed in Directory of Open Access Journals, EBSCO,

5. International Journal of Advanced Resarch in Computer Science and Management Studies on "RPMAC: A Novel Receiver Pivotal MAC Protocol Event Driven Wireless Sensor Networks" Volume 2, Issue 11, November 2014 . Directory of Research Journal Indexing, Index Copernicus etc.,

6. International Jorunal of Engineering and Computer Science on "Wireless Equipment for Localization Using an Unmanned Mini-Helicopter-Based Airborne" Volume 3 Issue 7 July, 2014. Thomson Reuters, DOAJ, Computer Science directory etc.,

7. International Journal of Computer Science and Information Technologies on " Token-MAC: Inactive RFID Systems for A Light MAC Protocol" Vol. 5 (4) , 2014. DOAJ, index Copernicus,Google Scholar.

International /National Conferences

1. Accepted for IEEE Sponsored International Conference on Sustainable Computing and Smart System during 14th June to 16th June 2023 on " Android Malware Detection using Ensemble Learning".

2. Accepted for IEEE Sponsored 2nd International Conference on Applied Artificial Intelligence and Computing during 4th May 2023 to 6th May 2023 on " Smart Assistant for Visually Impaired People".

3. Accepted for IEEE Sponsored International Conference on Sustainable Computing and Smart System during 14th June to 16th June 2023 on "NFT Marketplace For Blockchain Based Digital- Assets Using ERC-721 Token Standard"

4. Accepted for IEEE sponsored International Conference ICT4SD on "A survey on ship detection in remote sensing imagery for arbitrarily oriented object detection"

5. International Conference on Advances in Computer Engineering and Communication Systems during 13-14 August 2020 on "Efficient MAC Protocol Analysis Systems for Wireless Sensor Network" at VNRVJIET, Hyderabad Published in Springer Conference.

6. International Conference on Advances in Computer Engineering and Communication Systems during 13-14 August 2020 on "Analysis of Wireless Mesh Networks in Machine Learning Approaches" at VNRVJIET, Hyderabad. Published in Springer Conference.

7. International Conference on Advances in Computer Engineering and Communication Systems during 13-14 August 2020 on "Analysis of Detecting White Blood Cells by Computer Vision Methods " at VNRVJIET, Hyderabad. Published in Springer Conference.

8. International Conference on Universal Computing, Communications and Data Engineering during 7-8 February 2018 on " MAC Protocols in Wireless Sensor

Networks" at Sri Padmavathi Mahila Visva Vidyalayam, Tirupati, AP

9. International Conference on Engineering and Technology 2012 "Avoidance of Collision in Static Sensor Networks Using Virtual Sequencing Algorithm" online. 18, April 2012 - 20, April 2012.

10. National Conference on Recent trends in Computing and Communication presented on " An Enhancement to Virtual Backoff Algorithm for node management in Wireless Sensor Networks" 29th Jan 2016) at Sri Venkateswara College of Engineering and Technology, Chittoor Dt. AP

11. DRDO Sponsored 2nd National level "Sequencing technique with medium access protocol to improve performance of wireless sensor networks" on 18th&19th March 2011 at Sri Velammal Engineering College, Chennai, Tamil Nadu.

12. DRDO Sponsored 2nd National level "Enhancement of Secure Data Collection in Wireless Sensor Networks" on 18th&19th March 2011 at Sri Velammal Engineering College, Chennai, Tamil Nadu.