Name of Faculty	G.V. PRADEEP KUMAR	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	03 - 12 - 2007	
E-mail	pradeepkumar_ece@cbit.ac.in	
Education Qualifications	**Name of the Degree**	**Class**
PG	M. E. (Communication Engineering)	First /Distinction
UG	B. Tech. (ECE)	Second
Work Experience		
Teaching	12 Years & 7 Months (Includes research experience)	
Research	05 Years	
Industry	--	
Others	--	
Area of Specialization	Computer Networks	
Professional Memberships	--	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	1. Member, Course Expert Group. 2. In-charge, CCN Lab. 3. Member, Program Content Committee. 4. In-charge, Wi-Fi and Internet. 5. Member, Alumni activities. 6. Member, Innovation & Incubation activities. 7. Coordinator, NAAC, ARIIA, NIRF.	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Data Communication and Computer Networking, Speech Processing, Advanced Communication Networks, Embedded System Design, Optical Fiber Communications, Modern Digital Communication Systems, Basic Electronics, Wireless Mobile Communication Systems, Global Positioning System and Augmented Systems	
No. of Papers Published	National Journals – 00 International Journals – 05	
	National Conference – 00 International Conference – 05	
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	--	
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).	1. Coordinated One-week Online FDP on "Research Opportunities in Image Processing and Machine Learning", during 29th June to 3rd July 2020. 2. Department Coordinator for "SYNAPSE-2018", Under SUDHEE-2018 during 28-29th September 2018. 3. Organized a Two-week Internship Program on "Hands-on LabVIEW", during 18th June to 30th June 2018. 1. Successfully Completed a UGC Sponsored Three-Week Refresher Course on "Internet of Things", Organized by JNTU Hyderabad, during 3rd-22nd December 2018. 2. Successfully completed the online workshop entitled " SAFE Tools for Effective Online Teaching, A Hand-on Workshop", involving 3 days of video lectures and hands-on work, organized by IIT Bombay, on 20th June 2020. 3. Successfully completed the online workshop entitled "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop", involving 3 days of video lectures and hands-on work, organized by IIT Bombay, on 17th May 2020.	

4. Successfully completed the online 5-days Short Term Training Program on "Recent Trends in Data Science and Information Security", organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, during 22nd-26th June 2020.
5. Successfully completed the online 5-days Short Term Training Program on "Internet of Things (IoT) & It's Applications in Industry", organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, during 8th-12nd June 2020.
6. Successfully completed the online 5-days Short Term Training Program on "MATLAB based Teaching-Learning in Mathematics, Science & Engineering", organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, during 18th-22nd May 2020.
7. Successfully Completed an AICTE Sponsored One-week Short Term Training Program on "Challenges and Research Avenues in Signal and Image Processing", organized by Sree Vidyanikethan Engineering College, Tirupati, during 11th – 16th November 2019.
8. Successfully completed One Week National Level Online Faculty Development Program on "Cyber Security", jointly organized by Chaitanya Bharathi Institute of Technology, Hyderabad and Mahatma Gandhi Institute of Technology, Hyderabad, during 07th-12th July, 2020.
9. Successfully completed One Week Faculty Development Program on "Future Nano Electronic Devices & Circuits", organized by Mahatma Gandhi Institute of Technology, Hyderabad, during 06th-10th July, 2020.
10. Successfully completed One Week Faculty Development Program on " Entrepreneurship, Incubation and Innovation", organized by Ramanujan College, University of Delhi, during 23rd-29th June, 2020.
11. Successfully completed One Week Faculty Development Program on "Open Source Tools for Research", organized by Ramanujan College, University of Delhi, during 8th -14th June, 2020.
12. Successfully completed One Week Faculty Development Program on "Outcome Based Education-NBA Accreditation Process-(UG)", organized by CBIT (A), Hyderabad, during 28th May to 01st June, 2020.
13. Successfully Completed a One Week Faculty Development Program on "IoT for Emerging Applications", Jointly Organized by Electronics & ICT Academy IIT Guwahati, Assam and CBIT(A) during 4th -8th February 2020.
14. Successfully Completed a MeitY, Govt. of India Sponsored Faculty Development Program on "Advances in Practical RF Antenna Design", organized by E&ICT Academy, NIT Warangal at Sree Vidyanikethan Engineering College, Tirupati, during 25th – 30th November 2019.
15. Participated in Three-day Faculty Development Program on "Three-day Faculty Development Program", organized by CBIT, Hyderabad, during 17th – 19th December 2008.
16. Successfully Completed "Introduction and Programming with IoT Boards" a 5-Week online non-credit course authorized by Pohang University of Science and Technology and offered through Coursera on 13-06-2020.
17. Successfully Completed "Number Theory and Cryptography", a 4-Week online non-credit course authorized by University of California San Diego and offered through Coursera on 07-06-2020.
18. Successfully Completed "Cybersecurity and the Internet of Things", a 4-Week online non-credit course authorized by Kennesaw State University and offered through Coursera on 06-06-2020.
19. Successfully Completed "Building Arduino Robots and Devices", a 6-Week online non-credit course authorized by Moscow Institute of Physics and Technology and offered through Coursera on 06-06-2020.
20. Successfully Completed "Exploratory Data Analysis with MATLAB", a 5-Week online non-credit course authorized by MathWorks and offered through Coursera on 23-05-2020.
21. Successfully Completed "COVID-19: What You Need to Know (CME Eligible)", a 1-Week online non-credit course authorized by Osmosis.org and offered through Coursera on 22-05-2020.
22. Successfully Completed "Internet History, Technology, and Security", a 10-Week online non-credit course authorized by University of Michigan and offered through Coursera on 15-05-2020.
23. Successfully Completed "Introduction to Electronics", a 7-Week online non-credit course authorized by Georgia Institute of

Technology and offered through Coursera on 15-05-2020.

24. Successfully Completed "Introduction to TCP/IP", a 5-Week online non-credit course authorized by Yonsei University and offered through Coursera on 14-05-2020

25. Successfully Completed "The Bits and Bytes of Computer Networking" a 6-Week online non-credit course authorized by Google and offered through Coursera on 12-05-2020.

26. Successfully Completed "TCP/IP and Advanced Topics", a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 12-05-2020.

27. Successfully Completed "Peer-to-Peer Protocols and Local Area Networks", a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 12-05-2020.

28. Successfully Completed "Packet Switching Networks and Algorithms", a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 11-05-2020.

29. Successfully Completed "Fundamentals of Network Communications", a 5-Week online non-credit course authorized by University of Colorado and offered through Coursera on 11-05-2020.

30. Successfully Completed "Introduction to Satellite Communications", a 6-Week online non-credit course authorized by Institut Mines- Télécom and offered through Coursera on 10-05-2020.

31. Successfully Completed "Interfacing with the Raspberry Pi", a 4-Week online non-credit course authorized by University of California, Irvine and offered through Coursera on 09-05-2020.

32. Successfully Completed "Wireless Communications for Everybody", a 6-Week online non-credit course authorized by Yonsei University and offered through Coursera on 08-05-2020.

33. Successfully Completed "Introduction to the Internet of Things and Embedded Systems", a 4-Week online non-credit course authorized by University of California, Irvine and offered through Coursera on 07-05-2020.

34. Successfully Completed "Interfacing with the Arduino", a 4-Week online non-credit course authorized by University of California, Irvine and offered through Coursera on 05-05-2020.

35. Successfully Completed "Machine Learning for All", a 4-Week online non-credit course authorized by University of London and offered through Coursera on 03-05-2020.

36. Successfully Completed "Programming for Everybody (Getting Started with Python)", a 7-Week online non-credit course authorized by University of Michigan and offered through Coursera on 03-05-2020.

37. Successfully Completed "AI for Everyone", a 4-Week online non-credit course authorized by Deeplearning.ai and offered through Coursera on 30-04-2020.

38. Successfully Completed "Introduction to Programming with MATLAB", a 9-Week online non-credit course authorized by Vanderbilt University and offered through Coursera on 24-04-2020.

39. Successfully Completed "Classical Cryptosystems and Core Concepts", a 3-Week online non-credit course authorized by University of Colorado and offered through Coursera on 24-04-2020.

40. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020.

41. Successfully Completed an online course on "NAAC Awareness Programme for Faculty", offered by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune, during 8th-14th May 2020.

42. Successfully Completed an online training course on "Deep Learning Onramp", offered by MathWorks, on 13-05-2020.

43. Successfully Completed an online training course on "Machine Learning Onramp", offered by MathWorks, on 13-05-2020.

44. Successfully Completed an online training course on "MATLAB Onramp", offered by MathWorks, on 05-05-2020.

45. Successfully Completed a Two-Week Course on "Digital Transformation in Teaching Learning Process", a TEQIP Online Certification, Funded by the Ministry of HRD, Govt. of India during 14th February to 6th March 2020.

46. Successfully completed a 12-Week NPTEL course "NBA

Accreditation and Teaching - Learning in Engineering (NATE)", on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.
47. Successfully Completed all the requirements for the grant of title of "Certified LabVIEW Associate Developer", issued by National Instruments, valid from 24-08-2017 to 23-08-2019.

International/National Journals from the Year 2017

1. V V Satyanarayana Tallapragada, N Alivelu Manga, G.V. Pradeep Kumar, M Venkata Naresh, "Mixed image denoising using weighted coding and non-local similarity", SN Applied Sciences-Springer, Volume 2, Issue 6, May 2020.
2. G.V.Pradeep Kumar V. V. Satyanarayana Tallapragada, V. Sireesha, "Telugu Character Recognition Using Adaptive Fuzzy Membership Functions with Adaptive Genetic Algorithm Based Techniques", International Journal of Recent Technology and Engineering (IJRTE), Volume 8, Issue 3, September 2019, pp. 3092-3097.
3. V. V. Satyanarayana Tallapragada, G. V. Pradeep Kumar, M.Venkatanaresh , "Segmentation of Medical Images with Intensity Inhomogenity using Multiphase Level Set Functions", International Journal of Engineering & Technology, Vol. 7 Issue 3, 2018 pp. 683-689

International/National Conference Proceedings from the Year 2017

1. V V Satyanarayana Tallapragada, M V Nagabhushanam, G.V.Pradeep Kumar, "Turbo Code with Hybrid Interleaver in the presence of Impulsive Noise", International Conference on Innovative Computing and Communication (ICICC-2020), Springer, 21-23 February 2020.
2. T V V Satyanarayana, G.V.Pradeep Kumar, J.K Sunkara "Wavelet Packet: A Multirate Adaptive Filter for Denoising of TDM Signal", IEEE International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018) during 28th – 29th January, 2018 Organized by Priyadarshini Engineering College, Vellore, Tamilnadu.
3. K.Karthik Sri Sai Nath, N.V. Koteswara Rao, G.V.Pradeep Kumar, "A Secure Routing Algorithm for Detecting and Preventing Sinkhole Attack in MANETS", IEEE International Conference on Science, Technology, Engineering and Management (ICSTEM'17), Coimbatore, March 2017, pp. 1-6.