Name of Faculty	Smt. N DHANA LAKSHMI	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	01- 05 - 2009(Regular)	
E-mail	dhanalakshmi_ece@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE)	Pursuing
PG	M.Tech (DSCE)	Distinction
UG	B. Tech (ECE)	Distinction

Work Experience	
Teaching	11 years
Research	--
Industry	< 01 year
Others	--

Area of Specialization	Speech Processing, Microcontrollers and Embedded Systems
Professional Memberships	--
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	1. Department Library In charge for 4 years 2. Working as Microcomputer lab In-charge 3. Member in one of the Course Expert Group
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Digital Signal Processing, Digital Communication, Electronic Devices, Microprocessors and Microcontrollers, Computer organization and Microprocessors, Embedded System Design, Speech Processing, Microprocessors and Microcontrollers for Embedded System Design, Embedded Processors and Architecture,
No. of Papers Published	National Journals – 00 International Journals – 03 National Conference – 00 International Conference – 02
Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker	As a Trainer in the following courses organized under 'LABVIEW Academy School' of ECE Dept. CBIT 1. 'Hands on LABVIEW' during 17th Jan to 20th Feb 2018 2. Internship on 'Hands on LABVIEW' during 18th to 30th Jun 2018.
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. A One Week Online Faculty Development Program on "Research Opportunities in Image Processing and Machine Learning", conducted by the Department of Electronics and Communication Engineering during 29th June to 03rd July 2020. 2. One Week Online Faculty Development Programme on "LaTeX & Technical Report Writing", organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, in association with Spoken Tutorial, IIT Bombay during 25 - 30 May, 2020. 3. Online Training Program for two days on "Android App Development for Embedded System", under Texas Instruments University Program in association with EdGate Technologies Pvt Ltd Bangalore from 25th & 26th April 2020. 4. Online Training Program for three dayson "ARM Cortex M4 -

F Based on Tiva Launchpad", under Texas Instruments University Program in association with EdGate Technologies Pvt Ltd Bangalore from 28th to 30th April 2020

5. Online Training Program for three days on "Ultra Low Power System Design" under Texas Instruments University Program in association with EdGate Technologies Pvt Ltd from 17th to 19th April 2020.

6. One-week FDP on "IOT for Emerging applications" Organized by E&ICT Academy IIT Guwahati in association with Dept. of ECE, CBIT Hyderabad from 04th to 08th Feb 2020.

7. One-week FDP on "Emerging Trends in Wireless Communication" Organized by E&ICT Academy IIT Guwahati in association with Dept. of ECE, RVR & JC College of Engineering, Guntur, help from 25-29 November 2019.

8. A 10-day FDP on "Machine Learning" organized at CSE department of GITAM School of Technology, GITAM (Deemed to be University), Hyderabad by Electronics & ICT Academy NIT Warangal during 28th May to 06th June 2018.

9. A MATLAB EXPO 2018 organized by Mathworks Corp. at HICC Hyderabad, on 24 th April 2018.

10. An FDP on 'Cirtified LABVIEW Associate Developer' by National Instruments at Dept. of ECE, CBIT during 21st to 24th Aug 2017.

11. A Student level Technical Symposium SYNAPSE-2019 under SUDHEE -2019 at CBIT during 13th and 14th Sep 2019.

12. A 5-day Intensive course on "Hands on LabVIEW" under LABVIEW ACADEMY SCHOOL during 21st, 23rd, 26th -28th Apil 2018 for PG students of CBIT-ECE.

International/National Journals from the Year 2017

1. N Dhana Lakshmi and M. Satya Sai Ram, "Configuring Appropriate Artificial Neural Network with Monarch Butterfly Optimization For Speaker Recognition", ARPN Journal of Engineering and Applied Sciences, VOL. 15, NO. 3, Feb 2020, ISSN 1819-6608 (Scopus Indexed).

2. N Dhana Lakshmi, P M SainathRao, "Voice controlled Robotic Arm for Kitchen application", Journal of Emerging Technologies and Innovative Research (JETIR)Feb 2019, Volume 6, Issue 2, ISSN - 2349- 5162, Impact factor - 5.87

International/National Conference Proceedings from the Year 2017

1. Jawad Mohiuddin Syed, Dhana Lakshmi Namburi, "Improving Response Time of Ambulance using Machine Intelligence", International Conference for Emerging Technology (INCET) Belgaum, India. Jun 5-7, 2020, 978-1-7281-6221-8/20/$31.00 ©2020 IEEE.

2. N Dhana Lakshmi, Dr. M SatyaSai Ram, "Configuring Artificial Neural Network by using Optimization Techniques to Recognize Speaker Voice", ICSCT-2019, July 2019, Anurag Group of Institutions, Ghatkesar, Hyderabad.