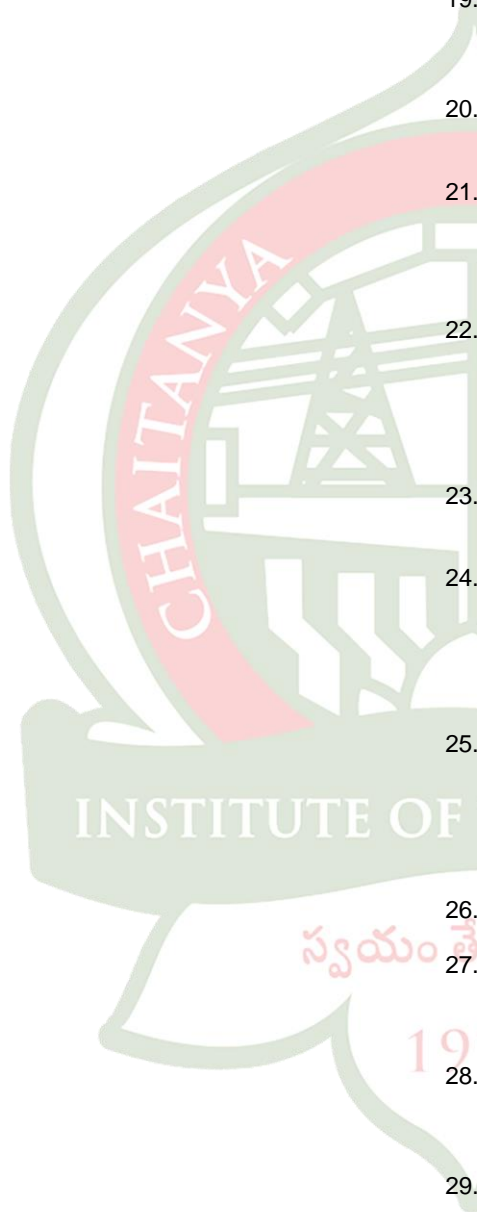| 1	Name of Faculty	Dr. D.Naga Devi	
2	Designation	Assistant Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	26 - 09 - 2016	
5	E-mail	dnagadevi_ece@cbit.ac.in	
6	Education Qualifications	**Name of the Degree**	**Class**
	Ph. D	Doctor of Philosophy (ECE)	Awarded
	PG	M.Tech(Digital Electronics and Communication Systems)	Distinction
	UG	B.Tech (ECE)	Distinction
7	Work Experience		
	Teaching	14 Years	
	Research	6 Years	
	Industry	--	
	Others	--	
8	Area of Specialization	Digital Image Processing, Artificial Intelligence	
9	Professional Memberships	IETE- M-237269, IAENG – 289440, IFERP- PM59874132	
10	Responsibilities held at Institution Level	1. Member, various committees for Sudhee/ShruthI from 2016 to till date.	
11	Responsibilities held at Department Level	1. Department Placement Coordinator 2. In charge for student Monitoring system (2018-2022) 3. In charge for MSME projects 4. In charge for website (2017-2019) 5. Lab in charge for LDIC Lab 6. Member, Course Expert Group	
12	Research Guidance	--	
13	Awards Received	--	
14	Courses Handled at Under Graduate / Post Graduate Level.	UG-Digital Image Processing, Computer Organization, Linear and Digital Integrated Circuits, Basic Electronics, Computer Organization and Architecture, Microcontrollers, DC Circuits, Sensors and Transducers, Elements of ECE, Integrated Circuits and Applications. PG-Image and Video Processing	
15	No. of Papers Published	National Journals – 00 International Journals – 04 National Conference – 01 International Conference – 03	
16	Projects Carried out	--	
17	Patents	--	
18	Technology Transfer	--	
19	Invited Speaker	--	
20	No. of Books/Chapter Published with details	-- 1. Book Chapter Titled " A forefront insight into the integration of AI and blockchain technologies" in Blockchain Technology for Emerging Applications by Muralidhar Kurni, K.Saritha, D.Nagadevi and K.Somasena Reddy on 21st May 2022.ISBN: 978-0-323-90193-2 DOI: https://doi.org/10.1016/B978-0-323-90193-2.01001-2 (ELSEVIER). 2. Book Chapter Titled "A Comprehensive study on Artificial Intelligence and Robotics for Machine Intelligence" in "Methodologies and Applications of Computational Statistics for Machine Intelligence" by Nagadevi Darapureddy, Murlidhar Kurni, Saritha K Published by IGI Global, ISSBN 13: 9781799877011,	

3. Book Chapter Titled "Significance of festivals and understanding Cultural heritage" in "Indian Culture" by Nagadevi Darapureddy Published by Akhand Publishing House, ISBN: 978-81-947937-2-4, Dec 2020.

21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).	1. Participated in Three Day Online Faculty Development Program on "Machine Learning with Dimensionality Reduction" Organized by Department of Computer Science and Engineering , VIKAS Group of Institutions from 21-07-2020 to 23-07-2020.

2. 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 20-07-2020.

3. Successfully Completed "Introduction to electronics", a 7-Week online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 20-07-2020.

4. Successfully Completed "Image processing with python", a 1-Week online non-credit course authorized by coursera project network and offered through Coursera on 19-07-2020.

5. Participated in one week FDP on "Recent Advances in Biomedical Applications and communication Neworks" organized by department of Electronics and Communication engineering, GMR Institute of Technology, Rajam,AP during 13th to 18th july 2020

6. Successfully completed "One Week Pedagogical Training for Teachers on Tools for Online Teaching Learning and Evaluation" from 1st July to 6th July 2020, organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.

7. Participated in one week online Refresher Course on "Bharateeya Chaitanyam", organized by Geervana Bharathi of Chaitanya Samskruthi from 29th June to 05th July 2020.

8. Attended a One week FDP on "Research Opportunities in Image Processing and Machine Learning", conducted by the Department of Electronics and Communication Engineering, Chaitanya Bharathi Technology, Institute of during 29th June to 03rd July 2020.

9. Sucessfully completed two week online Faculty Development Programme on "Python" from 22nd June to 4th july 2020, Jointly organized by Department of Electronics and Communication Engineering, JSS Academy of Technical Education, NOIDA and spoken Tutorial Project, IIT Bombay funded by National Mission on Education through ICT,MHRD, Government of India.

10. Successfully completed five days STTP on "Recent Trends in Data Science and Information Security" from 22nd June 2020 to 26th June 2020 by Department of Computer Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.

11. Successfully completed "The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands On Workshop' on 21st June 2020 organised by the Teaching Learning Centre (ICT) at IIT Bombay, under by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.

12. Attended one week faculty development program "Python 3.4.3 and Python Django" from 8.6.20 to 13.6.20 conducted by department of CSE, CMREC HYDERABAD in association with spoken tutorial IIT-Bombay.

13. Attended five day faculty development program on "Machine Learning" organized by department of CSE,KITs Markapur in association wih Vidyas Techno Private limited, Hyderabad from 9.6.20 to 13.6.20

14. Successfully completed an online training course on "Machine Learning Onramp", offered by MathWorks, on 08-06-2020.

15. Participated in two day FDP on "Effective Technical Report writing using LAEX" organized by MGIT during 8th -9th June 2020 association with Swecha

16. Attended one week National Level Online Short Time Training Program on "MATLAB for ALL" during 04th June to 8th June 2020 organized by the Department of Electrical and Electronics Engineering , SIR M Visvesvaraya Institute of Technology, Bangalore.

17. Successfully completed online STTP on "Sensor, IoT & Machine Learning" from 1st June 2020 to 5th June 2020 conducted by, K. J. Somaiya College of Engineering, Vidyavihar, Mumbai.

18. Attended one week FDP on "Outcome Based Education and NBA Accreditation Process" at CBIT during 28-05-2020 to 01-06-2020

19. Successfully completed 2 days "eContent Development Workshop for Teachers" organized by Department of Chemical Engineering, K. K. Wagh Polytechnic, Nashik on 1st and 2nd June, 2020.

20. Attended workshop on "Interactive Optimization Education using MATLAB" organized by IEEE student branch of PRPCEM, Amravati from 28th to 30th May 2020.

21. Attended Faculty Development Programme "Artificial Intelligence" held from 22.05.20 to 26.05.20 organised by CMR Engineering College, Hyderabad, in collaboration with NYCI & Brainovision Solutions India Pvt.Ltd setting a proud world record with 13000 diligent learners across the Nation.

22. Attended a 5-Day STTP on "MATLAB based Teaching – Learning in Mathematics, Science and Engineering" organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd.,Mumbai during 18th to 22nd May 2020.

23. Attended three day FDP titled "Hadoop and Machine Learning" from May 18th,2020 to may 20th ,2020 organised by Malla Reddy Institute of Technology, Hyderabad.

24. Successfully completed the 'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop' on 17th May 2020 organised by the Teaching Learning Centre (ICT) at IIT Bombay, under by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.

25. Attended Faculty Development Programme on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE" from 11th to 15th May, 2020. Conducted by Government College of Engineering, Karad, (Satara) Maharashtra. & Rajkiya Engineering College, Azamgarh, UP.under AICTE-MARGDARSHAN SCHEME.

26. Successfully Completed an online training course on "Matlab Onramp", offered by MathWorks, on 14-05-2020.

27. Participated in One week programme "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Pune, online during the period 08/05/2020 to 14/05/2020.

28. Successfully completed a 12 Week NPTEL-(FDP) course "NBA Accreditation and Teaching - Learning in Engineering (NATE)", on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 Semester.

29. Successfully Completed "Cyber security and the Internet of Things", a 4-Week online non-credit course authorized by University System of Georgia London through Coursera on 20-04-2020.

30. Successfully Completed "Understanding Research Methods", a 4-Week online non-credit course authorized by University of London & SOAS University of London through Coursera on 19-04-2020.

31. Successfully Completed "AI for Everyone", a 4-Week online non-credit course authorized by Deeplearning.ai and offered through Coursera on 17-04-2020.

32. Successfully Completed "Machine Learning for All", a 4-Week online non-credit course authorized by University of London and offered through Coursera on 16-04-2020.

33. Successfully Completed "Fundamentals of Network Communications", a 5-Week online non-credit course

authorized by University of Colorado and offered through Coursera on 15-04-2020.

34. Attended Workshop on "Intellectual Property Rights" organized by Pandit Deendayal Petroleum University (PDPU) and Intellectual Property Protection Organization (IPPO) on 10th & 11th April 2020.

35. 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.

36. Sucessfully completed online four months PadhAI-Deep Learning course offered by One Fourth Labs,IIT Madras in August 2019.

37. Attended 5-Day school Machine Learning, DNNs and ASR (ASR-19) from 8th to 12th March 2019 organized by NERTU, Osmania University.

38. Attended Techtara on 6th and 7th March 2019 conducted by CBIT, Hyderabad.

39. Attended Samskrith Bharathi One day Symposium on 8th Sep,2018 organised by Geervana Bharathi, CBIT, Hyderabad.

40. Attended symposium on "Artificial Intelligence" on 22nd Dec,2018 conducted by IIIT Hyderabad.

41. NPTEL-AICTE FDP on "Introduction to Machine Learning" 8 weeks (Sep to Oct,2018) by IIT Madras.

42. Attended MATLAB EXPO 2018 organized by Math works Corp. at HICC Hyderabad, on 24th April, 2018.

43. Attended In-house Faculty training program on "Tools and Techniques for Better performance" from 27th to 30th November, 2017.

44. Attended one week FDP on "Signal Analysis & Transform Techniques" from 10th to 15th June,2017 conducted by Vignan Lara Institute of Technology and Science, Guntur in association with NIT Warangal.

22	Details of Journal Publications/ Conferences (**National and International**) **International Journals from the year 2017**	

1. D.Nagadevi and Asra Fathima "Implementation of Deep Learning Architecture for Classification of Skin Lesions" in Proteus Journal, volume 12, Issue 8, August 2021.ISSN No: 0889-6348. (WOS)

2. D.Nagadevi, Dr. K.Suman "Face Emotion Recognition using Deep Learning Architecture" Journal of Xi'an University of Architecture & Technology, volume XIII, Issue VIII, Page No: 633-637 August 2021. ISSN: 1006-7930 Impact factor: 3.7 https://doi.org/10.37896/JXAT13.8/313714 (Scopus).

3. Dr. K.Suman, D.Nagadevi "Recent Developments In Switching Techniques Of Reconfigurable Antennas" GIS Journal Volume 9, Issue 5, May 2022 Page No:1340-1348, ISSN NO: 1869-9391 DOI:20.18001.GSJ.2022.V9I4.22.39234 Impact factor-6.1 (Scopus)

4. K.Nikila, D.Nagadevi (2020) "Classification of Brain Images using Support Vector Machine and k-Nearest Neighbors" in AC Journal, volume IX, Issue:5, ISSN No:2231-3990 .

5. Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala krishna Battula "Optimal weighted hybrid pattern for content based medical image retrieval using modified spider monkey optimization", International Journal of Imaging Systems and Technology (IMA), Wiley Publisher, Vol. 31, Issue 2, pp.828-853, September 2020.ISSN-NO: 0899-9457 DOI: 10.1002/ima.22475.Imapact Factor:2 (SCIE)

6. Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala krishna Battula "Comparative Analysis of Texture Patterns on Mammograms for Classification" in Traitement du Signal, April 2021,Vol. 38, Issue 2, pp.379-386. DOI:10.18280/ts.380215. ISSN-NO: 0765-0019 DOI: 10.18280/ts.380215.Impact Factor: 2.589. (SCIE)

7. Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala krishna Battula "Local Derivative Vector Pattern: Hybrid Pattern for Content Based Medical Image Retrieval" in Review of Computer Engineering Studies on 31st December, 2020. Vol. 7, Issue 4, pp.79-86 DOI: 10.18280/RCES.070401.ISSN NO: 2369-0755

8. Nagadevi Darapureddy, Nagaprakash Karatapu,Tirumala Krishna Battula (2019) "Research of Machine Learning Algorithms using K-Fold Cross Validation" in International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 –8958, Volume-8 Issue-6S.

9. K.Nikila, D.Nagadevi "Classification of Brain Images using Support Vector Machine and k-Nearest Neighbors" in Alochana Chakra journal, volume IX, Issue:5,May 2020. ISSN No:2231-3990. UGC - CARE LIST GROUP – I Journal. Impact Factor 6.3.

10. D.Nagadevi, Dr.Nagaprakash Karatapu, Dr.Tirumala Krishna Battula "Implementation of Optimization algorithms on Wisconsin Breast cancer dataset using deep neural network" in IEEE Explore on 2nd March 2020. (IEEE)

11. D.Nagadevi (2019) "Feature extraction of Histopathological images of skin tissues using morphological operation", Journal of Emerging Technologies and Innovative Research (JETIR) Volume 6, Issue 2, ISSN - 2349- 5162, Impact factor - 5.87.

International Conferences from the year 2017

1. D. Nagadevi et al. "Integration of Artificial Intelligence and the Internet of Things with Blockchain Technology," Lecture Notes in Networks and Systems – Springer: Proceedings of the 2nd International Conference on Computational and BioEngineering, Vol. 215, pp. 449 – 457, September 2021. ISBN 978-981-16-1940-3, ISSN 2367-3370.

2. Muralidhar Kurni, Saritha K, Nagadevi D, Somasena Reddy K "Integration of Artificial Intelligence and Internet of Things with Blockchain Technology" in International Conference on Computational and Bio Engineering jointly Organized by Departments of Computer Science, Bio Sciences & Sericulture, Sri Padmavati Mahila Visvavidyalayam (Women's University) Tirupati, Andhra Pradesh, India held during 4th & 5th December 2020. (springer)

3. Dr. K. Saritha, Dr. K. Madhavi, D. Nagadevi "An Insight into Women Academicians problems in the Covid-19 Pandemic" in two day national conference on Role of women in Self-Empowerment and Leadership (RWSL-2020) during 25-26th November 2020 by Sri Venkateshwara Degree and PG College, Ananthapur.

4. D.Nagadevi, Dr.Nagaprakash Karatapu, Dr.Tirumala Krishna Battula "Comprehensive Study on Content based Medical Image Retrieval" in National Conference on Recent Trends in Electronics and Communication Engineering (NCRT-ECE) on 14th August,2020 conducted by Rajeev Gandhi Memorial College of Engineering & Technology. ISBN: 978-93-87113-22-0

5. D.Nagadevi, Dr.Nagaprakash Karatapu, Dr.Tirumala Krishna Battula "Comparision of Machine Learning algorithms using k-fold cross validation in Springer International Conference "Intelligent Computing and smart Communication Technologies (ICSCT-2019)" on 26th and 27th July 2019 organized by Anurag Group of Institutions, Hyderabad.

6. D.Nagadevi, Dr.Nagaprakash Karatapu, Dr.Tirumala Krishna Battula "Implementation of Optimization algorithms on Wisconsin Breast cancer dataset using deep neural network".ISSN No-978-1-7281-0630-4 in 4th IEEE International conference on Recent Trends on Electronics, Information,Communication & Technology (RTEICT-2019) by Sri Venkateshwara Group of Institutions (SVCE) in association with IEEE Banglore section on 17th -18th May 2019.