

Name of Faculty D. NAGADEVI  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 26 - 09 - 2016  
 E-mail dnagadevi\_ece@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE)	Pursuing
PG	M Tech (Digital Electronics and Communication Systems)	Distinction
UG	B. Tech (ECE)	Distinction

Work Experience

Teaching	12 Years
Research	--
Industry	--
Others	--

Area of Specialization Digital Image Processing

Professional Memberships IETE- M-237269

Responsibilities held at Institution Level

- Responsibilities held at Department Level
1. Member, Course Expert Group
  2. In-charge for MSME projects
  3. In-charge for website (2017-2019)

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Digital Image Processing, Computer Organization, Linear and Digital Integrated Circuits, Basic Electronics, Elements of ECE, Integrated Circuits and Applications. Image and Video Processing

No. of Papers Published National Journals – 00 International Journals – 04  
 National Conference – 01 International Conference – 03

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. 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 Networks” organized by department of Electronics and Communication engineering, GMR Institute of Technology, Rajam,AP during 13<sup>th</sup> to 18<sup>th</sup> july 2020
  6. Successfully completed “One Week Pedagogical Training for Teachers on Tools for Online Teaching Learning and Evaluation” from 1<sup>st</sup> July to 6<sup>th</sup> 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 29<sup>th</sup> June to 05<sup>th</sup> 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 29<sup>th</sup> June to 03<sup>rd</sup> July 2020.
9. Successfully completed two week online Faculty Development Programme on "Python" from 22<sup>nd</sup> June to 4<sup>th</sup> 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 22<sup>nd</sup> June 2020 to 26<sup>th</sup> 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 with 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 8<sup>th</sup> -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 1<sup>st</sup> June 2020 to 5<sup>th</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> June, 2020.
20. Attended workshop on "Interactive Optimization Education using MATLAB" organized by IEEE student branch of PRPCEM, Amravati from 28<sup>th</sup> to 30<sup>th</sup> 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 18<sup>th</sup> to 22<sup>nd</sup> May 2020.
23. Attended three day FDP titled "Hadoop and Machine Learning" from May 18<sup>th</sup>, 2020 to May 20<sup>th</sup>, 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 17<sup>th</sup> 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 15<sup>th</sup> 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 10<sup>th</sup> & 11<sup>th</sup> 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. Successfully 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 8<sup>th</sup> to 12<sup>th</sup> March 2019 organized by NERTU, Osmania University.
38. Attended Techtara on 6<sup>th</sup> and 7<sup>th</sup> 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 24<sup>th</sup> April, 2018.
43. Attended In-house Faculty training program on "Tools and Techniques for Better performance" from 27<sup>th</sup> to 30<sup>th</sup> November, 2017.
44. Attended one week FDP on "Signal Analysis & Transform Techniques" from 10<sup>th</sup> to 15<sup>th</sup> June, 2017 conducted by Vignan Lara Institute of Technology and Science, Guntur in association with NIT Warangal.

#### **International/National Journals from the Year 2017**

1. 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 .
2. 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.
3. 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/National Conference Proceedings from the Year 2017**

1. 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 26<sup>th</sup> and 27<sup>th</sup> July 2019 organized by Anurag Group of Institutions, Hyderabad.
2. 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 17<sup>th</sup> -18<sup>th</sup> May 2019