



P. Durga Devi

Assistant Professor



Education Qualifications: M.Tech. (Ph.D)
Specialization: Image Processing

ADDRESS:

- C – Block -Room No: 308

JNTUH ID:

68150401-234329

EMAIL:

pdurgadevi_ece@mgit.ac.in

DATE OF JOINING:

13-08-2007

EXPERIENCE - 14 Years

- Teaching - 14

SUMMARY:

- Publications - 7
- Conferences - 2

EVENTS:

- Organized - 1
- Attended - 38

Membership of Professional Bodies:

1. Student member in IEEE
2. Member in WIE

Responsibilities Held at Institution Level:

1. Student bus in-charge

Responsibilities Held at Department Level:

1. Member of student counseling committee.
2. NPTEL co-ordinator for ECE students
3. In-charge of Extracurricular activities
4. In-charge of Analog and Digital Communications Lab

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Signals and Systems, Digital Communications, Digital Signal Processing, Optical Communications, Analog Communications.

Publications:

1. P Durga Devi and M Chandrakala, "Prediction of Air Quality Index using Regression Models- A Case Study on Hyderabad, India", Design Engineering, ISSN:0011-9342, pp. 1061-1071,2021.
2. M Chandrakala and P Durga Devi, "Two-stage classifier for face recognition using HOG features", Materials Today: Proceedings, 2214-7853, April 2021.
3. M Chandrakala and P Durga Devi, "Image Analysis of Sauvola and Niblack Thresholding Techniques", International Journal for Research in Applied Science & Engineering Technology, ISSN:2321-9653, May 2021.
4. M Chandrakala and P Durga Devi, "Threshold Based Segmentation Using Block Processing", International Journal of Innovative Research in Computer and Communication Engineering, ISSN (Online): 2320-9801, ISSN (Print): 2320-9798, Vol. 4, Issue 1, January 2016.
5. M Chandrakala and P Durga Devi, "Qualitative Comparison of Threshold based Segmentation Techniques", International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), ISSN: 2278 – 909X, Volume 5, Issue 1, January 2016.
6. P Durga Devi and M Chandrakala, "Morphological based Segmentation and Recognition of Indian Coins", SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE), ISSN: 2348 – 8352, Volume 3 Issue 2– February 2016.
7. M Chandrakala and P Durga Devi, "Transition Region-Based Thresholding using Maximum Entropy and Morphological

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Operations”, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), ISSN: 2278 – 909X, Volume 5, Issue 5, May 2016.

Conferences:

1. “Face Recognition using Cascading of HOG and LBP Feature Extraction” in the 4th International Conference on Soft Computing and Signal Processing, June 2021.
2. “Air Quality Prediction using Ensemble Machine Learning Algorithm”, at 1st International Conference on Advanced Computing Techniques, May 2021.

Events Organized:

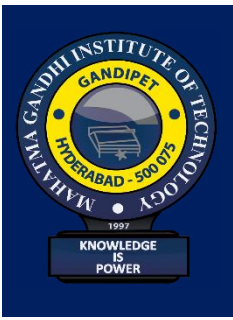
Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. “One-week Training Programme on Microprocessors & Microcontrollers”, at the Electronics and Communication Engineering department, MGIT from 12-05-2014 to 17-05-2014. Two

Events Attended

FDPs/STTPs:

1. Attended AICTE sponsored one-week STTP on “Internet of Things Machine Learning”, organized by department of Electronics and Communication Engineering, GPREC(A), Kurnool during 20-09-2021 to 25-09-2021.
2. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Hyper spectral remote sensing and its applications" from 06/09/2021 to 10/09/2021 at CMR Institute of Technology.
3. Attended AICTE sponsored one-week STTP on “Internet of Things Machine Learning”, organized by department of Electronics and Communication Engineering, GPREC(A), Kurnool during 20-09-2021 to 25-09-2021.
4. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Hyper spectral remote sensing and its applications" from 06/09/2021 to 10/09/2021 at CMR Institute of Technology.
5. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "DEEP LEARNING FOR COMPUTER VISION" from 23/08/2021 to 27/08/2021 at Panimalar Engineering College.
6. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Deep learning for computer vision" from 26/07/2021 to 30/07/2021 at KIET GROUP OF Institutions.
7. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Applied Machine Learning" from 21/07/2021 to 25/07/2021 at Indian Institute of Technology Ropar.
8. Attended AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Machine Learning and Computer Vision" from 05/07/2021 to 09/07/2021 at Vignans Foundation for Science Technology and Research University.



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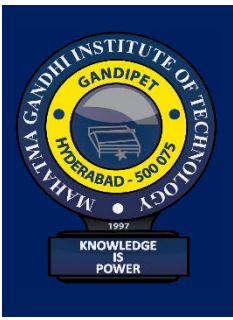
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9. Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 05/10/2020 to 09/10/2020 at Central University of Tamil Nadu.
10. Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 28/09/2020 to 02/10/2020 at IFET COLLEGE OF ENGINEERING.
11. Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 21/09/2020 to 25/09/2020 at Rajkiya Engineering College Sonbhadra.
12. Attended AICTE sponsored one-week STTP on “Research Avenues in Machine Learning approaches for Pattern Recognition”, organized by department of Electronics and Communication Engineering, MGIT, during 24-08-2020 to 29-08-2020.
13. Attended AICTE sponsored one-week STTP on “Wireless Communication -Future IoT”, organized by department of Electronics and Communication Engineering, Vardhaman College of Engineering, during 20-07-2020 to 25-07-2020.
14. FDP on "Skill development effective Research and teaching ", organized by Anil Neerukonda Institute of Technology and Sciences from 8/6/2020 to 12/6/2020.
15. FDP on "Effective Technical Report Writing Using LaTeX", organized by Mahatma Gandhi Institute of Technology on 8/6/2020 & 9/6/2020.
16. FDP on "Data science using python", organized by Chalapathi Institute of Technology from 29/5/2020 to 2/6/2020.
17. An NPTEL course “Digital Image Processing” (12 Weeks) on the SWAYAM platform funded by Ministry of HRD during Jul-Oct 2019.
18. An NPTEL course “Principles of Digital Communication” (12 Weeks) on the SWAYAM platform funded by Ministry of HRD during Jul-Oct 2018.
19. FDP on “RF Antenna Design” from 19-07-2017 to 24-07-2017, organized by NIT Warangal.
20. FDP on “Fundamentals of Analog and Digital Communications” from 13-05-2017 to 23-05-2017, organized by department of Electronics and Communication Engineering, NIT Warangal.
21. FDP on “Recent Trends in Digital Image and Video Processing”, organized by department of Electronics and Communication Engineering, MGIT, from 22-02-2016 to 27-02-2016.
22. FDP on “Image processing and its applications”, organized by department of CSE, MGIT, from 15-12-2014 to 19-12-2014.
23. A 2-week FDP on “Hands-on with ARM-Programming Embedded Systems”, organized by C-DAC, Hyderabad from 04-05-2010 to 14-05-2010.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Refresher Course on “Strategies for Research Oriented Teaching” conducted by UGC-ASC, JNTU-Hyderabad from 19-05-2014 to 07-06-2014.



2. Refresher Course on “Open Collaborative Research with Emphasis on Engineering” conducted by UGC-ASC, JNTU-Hyderabad (02-12-2011 to 23-12-2011).
3. Orientation Program at UGC-ASC, Maulana Azad National Urdu University from 09-05-2013 to 05-06-2013.

Online Certifications:

1. A 6-Week online Course on " Machine Learning Foundation -A case study Approach", through Coursera Online Platform.
2. A 4-Week online Course on “Python programming Essentials”, through Coursera Online Platform.
3. A 1-Week online Course on “Basic Image Classification with TensorFlow”, through Coursera Online Platform.
4. A 9-Week online Course on “Introduction to programming with MATLAB”, through Coursera Online Platform.
5. A 7-Week online Course on “Programming for Everybody (Getting Started with Python)” through Coursera Online Platform.
6. A 4-Week online Course on “Introduction to Applied Machine Learning”, through Coursera Online Platform.
7. A 4-Week online Course on “Machine Learning for All”, through Coursera Online Platform.
8. A 4-Week online Course on “Logistic Regression with NumPy and Python”, through Coursera Online Platform.
9. A 4-Week online Course on “Python Programming: A Concise Introduction”, through Coursera Online Platform.
10. A 4-Week online Course on “Python Data Representations”, through Coursera Online Platform.
11. An online Course on “Remote Sensing Introduction”, through Udemy Online Platform.
12. An online Course on “A to Z: Hands-On Artificial Neural Networks”, through Udemy Online Platform.

Any Other Contribution:

1. Got qualified in UGC NET.

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