



Dr. Miryala Dhanalakshmi

B. Tech, M. Tech & PhD

Professor

MISTE, MIETE

PG Programs

Areas of Interest:

- **Digital Image Processing**
- **Pattern Recognition**

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- ▶ Educational & Professional

- ▶ Academic Qualifications

- ▶ PhD in Computer Science and Engineering, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad. (2006-2015)

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M. Tech (Master of Technology) in Computer Science, School of Information Technology, JNTU, Masabtank, Hyderabad. (2001-2003)

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B. Tech (Bachelor of Technology) in Electronics and Communication Engineering(ECE), Jawaharlal Nehru Technological University Ananthapur (1996-2000)

- ▶ Intermediate in MPC, Board of intermediate Education (1993-1995)

- ▶ SSC in State Syllabus, Board of Secondary School education (1992-1993)

▶ Professional Experience

- ▶ Teaching Experience

- ▶ Assistant Professor, M. V. S. R. Engineering College, Nadargul, Hyderabad (31-01-2004 - 2010-07-06)

- ▶ At JNTUH

- ▶ Professor, Jawaharlal Nehru Technological University Hyderabad College of Engineering ,Jagtial. (2016 - Till Date)

- ▶ Associate Professor, Jawaharlal Nehru Technological University Hyderabad College of Engineering Jagtial. (2010 - 2016)

- ▶ Publications

- **International Journals**

- ▶ M. Dhanalakshmi, Vadthe Narasimha, *A Survey on Context Based Medical Image Processing Using Machine Learning*, Journal of Cardiovascular Disease Research, ISBN No.0975-3583, 0976-2833, Vol No.12, Issue No.03, pp.423-432, Journal of Cardiovascular Disease Research, June, 2021
- ▶ M. Dhanalakshmi, Vadthe Narasimha, *Diabetes with Co Morbidities of COVID-19 Lungs Images*, Turkish Journal of Computer and Mathematics Education, ISBN No.-, Vol No.12, Issue No.4, pp.1156-1164, Turkish Journal of Computer and Mathematics Education, April, 2021
- ▶ M. Dhanalakshmi, K. Geetha, A. R. Naseer, *Influence Node Analysis using Monte Carlo and Clonal selection Algorithm for Influence Maximization*, International Journal of Engineering Research & Technology (, ISBN No.2278-0181, Vol No.10, Issue No.06, pp.560-566, <http://www.ijert.org>, June, 2021
- ▶ M. Dhanalakshmi, A. Vishnuvardhan, *Scene Text Recognition of Indian Languages in Natural Scene images*, International journal of Advanced research in engineering and technology(IJARET), ISBN No.0976-6499, Vol No.11, Issue No.12, pp.2773-2781, IAEME scopus Indexed, December, 2020
- ▶ M. dhanalakshmi, Vinay kumar Reddy Pinapaneni, *Automatic Blocking of malicious numbers in mobile Networks Using Machine Learning*, Journal of Information and computational Science, ISBN No.1548-7741, Vol No.9, Issue No.12, pp.343-351, JOICS, December, 2019
- ▶ M. Dhanalakshmi, *Wavelet Tongue Analysis Model for the Human Health Assessment*, International Journal of Technology and Engineering Science [IJTES]TM, ISBN No.2320 8007, Vol No.4, Issue No.2, pp.7056-7060, IJTES, February, 2016
- ▶ M. Dhanalakshmi, *Wavelet Tongue Analysis Model for the Human Health Assessment by Using the Wavelet Transforms*, International Journal of Computer Science information and Engg., Technologies, ISBN No.2277 4408, Vol No.1, Issue No.4, pp.1-9, IJCSIET, April, 2016
- ▶ M. Dhanalakshmi, *Liver Diagnosis by Applying the Digital Image Processing Techniques On Human Tongue Image*, International Journal of Technology and Engineering Science [IJTES]TM, ISBN No.2320 8007, Vol No.3, Issue No.10, pp.5180-5184, IJTES, October, 2015
- ▶ M. Dhanalakshmi, *Analysis of Digital Tongue Image to identify the Head Related Problems*, International Journal of Computer Science information and Engg., Technologies, ISBN No.2277 4408, Vol No.3, Issue No.4, pp.1-7, IJCSIET, December, 2015
- ▶ M. Dhanalakshmi, Prof P. Premchand, Prof A. Govardhan, *Applying Linear Wavelet Transforms and Statistical feature Analysis for Digital Tongue Image*, IOSR- Journal of Computer Engineering (IOSR-JCE, ISBN No. 2278-0661 2278-8727, Vol No.16, Issue No.1, pp.95-102, IOSR-JCE, February, 2014
- ▶ M. Dhanalakshmi, Prof P. Premchand, Prof A. Govardhan, *Computer Aided Image Enhancement Of Tongue For Diagnosis In Ayurvedic Medical Treatment*, International Journal- Applied Medical Informatics (AMI), ISBN No.1224-5593 , Vol No.34, Issue No.1, pp.47-57, AMI, March, 2014
- ▶ M. Dhanalakshmi, *Severity Classification for Unhealthy Human Body Parts Based on Tongue Statistical Texture Feature Values*, International Journal of Computer Science information and Engg., Technologies, ISBN No.2277 4408, Vol No.1, Issue No.4-2, pp.1-6, IJCSIET, February, 2014
- ▶ M. Dhanalakshmi, *Severity Classification for Unhealthy Human Body Parts Applying Linear Wavelet Transform*, International Journal of Computer Science information and Engg., Technologies, ISBN No.2277 4408, Vol No.3, Issue No.4, pp.1-7, IJCSIET, November, 2014
- ▶ M. Dhanalakshmi, Prof P. Premchand, Prof A. Govardhan, *Tongue Diagnosing With Sequential Image Enhancement Methods*, International Journal of Engineering and Advanced Technology (IJEAT), ISBN No.2278-0661 2278- 727, Vol No.2, Issue No.4, pp.831-835, IJEAT, April, 2013
- ▶ M. Dhanalakshmi, *A Novel Approach for Examination of Visually Challenged Candidates by E-Evaluation Techniques*, International Journal of Computer Engineering (IOSR-JCE), ISBN No.2278-8727, Vol No.14, Issue No.10- 9, pp.1-5, IOSR-JCE, November -- December, 2013
- ▶ M. Dhanalakshmi, Prof P. Premchand, Prof A. Govardhan, *An Approach for Tongue Diagnosing with Sequential Image Processing Method*, International Journal of Computer Theory and Engineering (IJCTE), ISBN No.1793 8201, Vol No.4, Issue No.3, pp.322-328, IJCTE, June, 2012

- ▶ **Events Participated/Organized**

- **Organized**

- ▶ Organized a Workshop on Androidbotx, JNYUH CEJ, 04-04-2016 to 05-04-2016
- ▶ Organized a Symposium on SENTORIEN-2K15, JNYUH CEJ, 01-04-2015 to 02-04-2015
- ▶ Organized a Workshop on IOT- Internet of Things, JNYUH CEJ, 01-01-1970 to 29-12-2015

- **Co-ordinated**

- ▶ Coordinated for a Training on *APSCHE Training Programme for the Teachers of Engineering colleges*, JNYUH CEJ, 02-01-2012 to 07-01-2012

- **Resource Person**

- ▶ Resource Person in a Seminar on *IITBPOIPC: Indian IT â€™BPO industry prospects and challenges*, Government Degree College, Karimnagar, 05-02-2016 to 06-02-2016
- ▶ Resource Person in a Conference on *NCRTST*, JNYUH CEJ, 25-02-2015 to 01-01-1970
- ▶ Resource Person in a Conference on *ICECIT-12: Intrusion Detection System in mobile Ad-hoc networks*, Srinivasa Ramanujan Inst. Of Technology, Ananthapur.,

- **Participated**

- ▶ Participated in a Workshop on *Big Data Analytics*, JNYUH CEJ, 14-12-2015 to 20-12-2015
- ▶ Participated in a Refresher Course on *Image & Speech Signal processing*, UGC Academic Staff College J N T U H Kukatpally, Hyd., 08-11-2010 to 29-11-2010

- ▶ **Teaching**

- ▶ Biometrics in Information technology I M Tech II Sem (2016 -17)
- ▶ Image Processing and Pattern Recognition in Information technology IV B Tech I Sem (2016-17)
- ▶ Software Engineering in Information technology I M Tech II Sem (2017-18)
- ▶ Digital Logic Design in Information technology II B Tech I Sem (2017-18)
- ▶ Computer Organization in Information technology II B Tech II Sem (2017-18)
- ▶ Image Processing and Pattern Recognition in Information technology IV B Tech I Sem (2018-19)
- ▶ Software Engineering in Information technology I M Tech II Sem (2018-19)
- ▶ Computer Organization in Information technology II B Tech II Sem (2018-19)

- ▶ **Administrative Positions Held**

- ▶ Coordinator for Girl Student Grievance Redressal Cell, JNTUH College of Engg. Jagtial, 08 Jul 2016 - Present
- ▶ Member of Anti-Ragging apex committee, JNTUH College of Engg. Jagtial, 01 Aug 2019 - Present
- ▶ Computer Maintenance Officer (CMO), Department of Computer Maintenance, JNTUH CEJ, 15 Jul 2017 - 29 Aug 2018
- ▶ Head of the Department, Department of Information Technology, JNTUH CEJ, 06 Nov 2014 - 31 Dec 2016

Contact :

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PG Programs

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