

Dr. Y.L Malathi Latha

Associate Professor



Education Qualifications: Doctor of Philosophy (CSE)
Specialization: CSE

ADDRESS:

- D- Block -Room No 303

JNTUH ID:

58150406-112805

EMAIL:

mlatha_it@mgit.ac.in

DATE OF JOINING:

02-09-2021

EXPERIENCE - 22 Years

- Teaching - 21
- Research -3
- Industry -1
- Others -

SUMMARY:

- Publications - 6
- Conferences - 7
- Patents - 1
- Books - 4
- Honors/Awards - 6

EVENTS:

- Organized - 8
- Attended - 15

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- https://twitter.com/MGIT_hyderabad

Membership of Professional Bodies:

1. Member of IAENG(International Association of Engineers)(member No: 287674)
2. Member of the Society of digital Information and Wireless Communication (id: 31653)
3. CSTA(Computer Science Teacher Association) Member

Responsibilities Held at Institution Level:

1. Anti-ragging committee

Responsibilities Held at Department Level:

1. Advisory Committee member
2. Academic Council Member
3. BOS member
4. NBA Criteria 5,6,9 In charge

Honors/Awards Received:

1. Primary Evaluator-"Toycathon,2021",AICTE,2021
2. Judge in the Nation E-Conference "Communication and Computing (NECCC 2021) held on 13th and 14th August 2021.
3. Judge in Metheric Utsav, Methodist college of Engineering and technology, O.U, Hyderabad,2015.
4. Publication Chair in ICAPPM Conference, SVIT, SVIT,5th &6th Dec, 2018.
5. Session Chair in International Conference on Applied Physics, Power and Material Science, SVIT,5th &6th Dec, 2018
6. Best Teacher award in CSE Department in the year 2012 in SVIT, Hyderabad (Received Cash Prize)

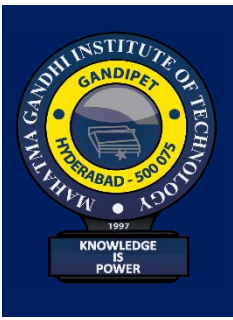
Courses Handled at Under Graduate /Post Graduate Level:

UG: Machine Learning, Python Programming, Artificial Intelligence, Design and Analysis of Algorithms, DLD, CNS, Java, C++, C, WT, OS, DBMS, Distributes Systems, Middleware Technologies, Computer Organization, OOPS through Java, Microprocessors, Data Structures.

PG: Embedded Systems, Network Security and Advance Data Structures.

Publications:

1. "Automatic Pest detection in agriculture farm using Acoustic and Image Wireless Sensor Network Technology", Ms. Y.L Malathi Latha and Ms. Manorajani, International Journal of Innovative Technology and Exploring Engineering (IJITEE) , Volume-9 Issue-4S2, March 2020, ISSN: 2278-3075
2. "An Overview on Fuzzy Logic Issues, Architecture and Techniques of Domain Driven Data mining (D3M)" , Mr. P. Srinivas, Dr. Rupak Sharama & Dr. Ms. Y.L. Malathi Latha, International Journal New Engineering & Technology (IJNET), UGC Approved Journals, Volume 11, Issues 2, p.p. 14-19, July 2019, ISSN: 2319-6319.



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3. "Palmpoint Identification based on texture features using GLCM through Dynamic ROI", Ms.K.J Archana¹, Ms.V.Sangeetha and Ms.Y.L Malathi Latha." SSRG International Journal of Computer Science and Engineering (ICRTESTM) Special Issue – April 2017.

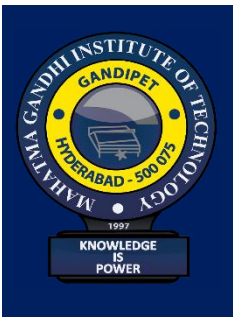
4. "Intra-model palmpoint recognition using texture features", Ms.Y. L. Malathi Latha, Dr. Munaga V. N. K. Prasad, International Journal of Intelligent Systems Design and Computing (IJISDC), March, Vol 1, Issue 1, 2017.

5. "Fusion of Multi-Model Biometric Authentication Systems Using Iris and Palmpoint", Mr.P. Srinivas, Dr. K. Rama Krishna Reddy, and Ms. Y.L. Malathi Latha, International Journal of Computational Engineering Research (IJCER), ISSN (e): 2250 – 3005 || Vol 07 || Issue, 08|| August – 2017

6. "Local feature Integration method using phase congruency for palmpoint authentication", Ms.Y.L Malathi Latha and Dr.M.V.N.K Prasad, International Journal for Image and Graphics, Vol 15, Issue 3, 2015

Conferences:

1. "Farm Management and Resource Optimization using IOT". Dr. P. Srinivas, Mr. Swami Das & Dr. Y.L. Malathi Latha, International Conference on Resent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC-2020), CMRIT, 28-29 March 2020
2. "Future Smart Home Appliances Using IOT", Dr. Pattlola Srinivas, Mr. M. Swami Das & Dr. Y.L. Malathi Latha at 8th International Conference on Innovations in Computer Science & Engineering(ICICSE-2020 – Virtual Conference) ,GURU NANAK INSTITUTIONS TECHNICAL CAMPUS, Ibrahimpatnam, R.R. Dist, T.S, August 28 & 29, 2020
3. "Quick Sort Algorithm-An Empherical Study", G. Rahul, P. Sandeep & Dr. Y.L Malathi Latha, Third International Conference on Computational Intelligence and Informatics (ICCII-2018), Springer
4. "Palmpoint Identification based on texture features using GLCM through Dynamic ROI", Ms.K.J Archana¹, Ms.V.Sangeetha and Ms.Y.L Malathi Latha." ICRTESTM– April 2017.
5. "Palmpoint Identification using Hashing of 2D-Log Gabor Filter, Phase Congruency and Harlick Features" by Ms.Y.L Malathi Latha, Mr. Karan Kumar and Dr. M.V.N.K Prasad, 2nd International Conference on "Computing for Sustainable Global Development -March 2015"
6. "GLCM based Texture Feature for Palmpoint Identification" by Ms.Y.L Malathi Latha and Dr.M.V.N.K Prasad, Internal conference on Computational Intelligence in Data Mining(ICCIDM'14), Springer, 2015.
7. "Extraction of Dynamic ROI for Palmpoint Authentication" by Ms.Y.L. Malathi Latha and Dr.M.V.N.K Prasad, Proc. of Int. Conf. on Advances in Computer Science, (AETACS), Elsevier, 2013.



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Patents:

1. Indian patent journal: 202141039083(Patent Number),” Fully-automatic brain tumor segmentation using deep learning method”, Published on Sept 3rd 2021.

No. of Books/Chapter Published with details:

1. **”Problem Solving and Python Programming”**,Dr Y.L Malathi latha, Mrs.C. Swapna, Dr. Bragavi ,Charulatha Publications, ISBN 978-93-5577-080-6,2022.
2. **“Farm Management and Resource Optimization using IOT”**. Dr. P. Srinivas, Mr. Swami Das & Dr. Y.L. Malathi Latha ,”Data Science and Machine Learning and Applications”, Lecture Notes in Networks and Systems,Springer,2021.
3. **“Future Smart Home Appliances Using IoT”**, P.Srinivas, M.Swami Das & Y.L Malathi Latha, Innovations in Computer Science and Engineering, **Springer Nature Singapore**,2021
4. **“A Survey on Palmprint Based Biometric Recognition System”**, Ms.Y.L Malathi Latha and Dr.M.V.N.K Prasad, "Innovative Research in Attention Modelling and Computer Vision Applications" ,**IGI ,Global India, 2015.**

Events Organized:

Conferences:

1. Co-Convenor, AICTE Sponsored National E-Conference on Communication and Computing (NECCC 2021) held on 13TH and 14TH August ,2021.
2. Conference ICRTESTM(Coordinator) 2017 at SVIT.

FDPs/STTPs:

1. Organized a Seminar for CSE students on Software Testing tools 23rd July 2016, SVIT.
2. Organized a FDP for Faculty of SVIT and Other college faculty on “Research methodology”, 9th and 10th Nov 2016, SVIT.
3. Organized a workshop for CSE students on "Datawarehouse and Data mining", 2nd and 3rd B.tech (CSE)Nov 2016, SVIT.

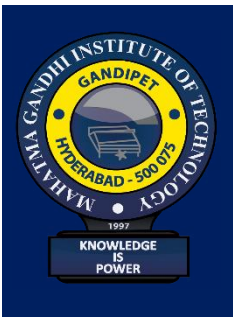
Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Webinar on Coexisting With Covid-19, SVIT,May ‘ 2021
2. Webinar on Artificial Intelligence, SVIT, May 2020
3. Ethical Hacking Seminar, Feb,2020

Events Attended

FDPs/STTPs:

1. FDP on “Advancement in Wireless Communication Technologies, Networking and Applications” (AWCTNA-22),21th to 25th March,2022, CVR College of Engineering(A).

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- https://twitter.com/MGIT_hyderabad

2. FDP on “Recent Trends in Data Analytics and Machine Learning”,20th to 24th Dec,2021, Vishwakarma University, Pune.
3. “Advancements in Artificial Intelligence (AI) & Machine Learning’ 12th-17th July,2021, Information Science and Technology and Engineering Department, Oxford college of Engineering ,Bangalore
4. FDP on Machine Learning with Python, E&ICT Academy-NIT Warangal, 26th November – 1st December ,2018, SVIT,Secunderabad.
5. FDP on IOT and Block Chain Technology, E&ICT Academy-NIT Warangal, 20th – 29th June, 2019, SVIT,Secunderabad.
6. FDP on Software Engineering and Testing Methodologies, E&ICT Academy-NIT Warangal, 28 January - 2nd February 2017, SVIT,Secunderabad.
7. Faculty Development Program on Recent Trends in Cloud computing & Big Data Analytics,11-16 July, 2016,MREC(A), Dhulapally, Secunderabad.
8. Five days online FDP on “Inculcating Universal Human Values in Technical Education” during 19-23 August, 2020 as organized by All India Council for Technical Education (AICTE)

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

1. PCAP: Programming Essentials in Python, Python Institute Authorized Academy Program (Cisco Networking Academy),Jan 2022.
2. One Week Online Faculty Development Programme on “The Role of Linear Algebra in Machine Learning, Artificial Intelligence & data Science”, MGIT, Dec 2021.
3. AICTE ATAL Workshops attended on “Natural Language Processing, Nov, 2021
4. AICTE ATAL Workshops attended on “Cyber Security Vulnerabilities & Safeguards Cyber Security”,2021
5. AICTE ATAL Workshops attended on “Industry Oriented FDP on Artificial Intelligence Artificial Intelligence”,2021
6. Twenty-day certificate course on Python, Programming, Sybase and Ruby,1st- 20th Feb 2017, Osmania University, Hyderabad
7. Research methodologies,6th-12th August 2005, R.B.V.R.R Women’s College, Hyderabad

Online Certifications:

1. Online NPTEL course ,”Big Data Computing”,Feb-Apr-2019.
2. NITTT-AICTE, Module 2 completed,2020

Any Other Contribution:

1. A Guest Speaker in the National E-Conference on “Communication and Computing And Computing (NECCC 2021) held on 13TH and 14TH August 2021.
2. Team Traube-“Breath-In-Vest, to detect Respiratory Diseases” for Chhatra Vishwakarma Award(presented prototype,)AICTE,2020
3. Delivered a Guest lecture on ”Natural Language Processing”, 18th Dec 2019, at R.B.V.R.R Womens College, Narayanaguda, Hyderabad.
4. Delivered a Guest Lecture on "Network Security”, 9th Sept,2016, a R.B.V.R.R Womens College, Narayanaguda, Hyderabad.