

Department of CSE

Name: Dr. M. Umadevi

Designation: Professor & HOD

E-mail: umamaramreddy@gmail.com

Qualification: Ph. D

Phone Number:+91-9603329592



Faculty(Details)

Professional Experience: 15 years of experience

Research Experience : JRF and SRF at GEQD, MHRD, Hyderabad (4 years)

International /National Journals:

1. **Identification of Tampered Document Based on Homogeneous Regions Of Image : A Forensic Perspective** , IRJET,Volume: 08 Issue: 11 ,Pg.no.1331-1341, Nov,2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072
2. M. Umadevi, “ **Recent Trends in Cyber Crime and Challenges in Preventing Cyber Crimes**”,International Journal of Innovative Research and Technology, Volume 8, Issue 4, Pages 710-713 Sep 2021
3. M. Umadevi, ‘**Document Comparison Based on TF-IDF Metric**’ , IRJET, Volume 7, Issue 2, February 2020 , Print ISSN 2395-0072
4. Umadevi M, Srujana P and Krishna Vamsi P, ‘**Sentiment Analysis of Twitter Data on Government Initiated Policies**’, IRJET, Volume 6, Issue 12, Pg 2120- 2125, December 2019. Print ISSN 2395-0072
5. Asha Latha, M. Uma Devi, ‘**Detecting Attacks in Wireless Sensor Network through Bloom Filtering**’, International Journal of Advanced Technology and Innovative Research, Dec-16, ISSN 2348-2370
6. Rayipudi Raghav Varma and Dr. M. Umadevi, ‘**Objectivity User Transfer Data on Content Sharing Sites Using Access Control Mechanism**’, IJRCSE, 2016
7. M. Umadevi, C. Raghavendra Rao and M. Jayaram, ‘**Statistical Measures for Differentiation of Photocopy from Print technology –Forensic perspective**’, IJCA, Volume 105, No.15, Pages 1-7, Nov 2014.

International /National Conferences:

1. M Umadevi, Arun Agarwal and C. Raghavendra Rao, ‘**Printed Text Characterization for**

- Identifying Print Technology using Expectation Maximization Algorithm’** MIWAI 2011, Multidisciplinary international Workshop on Artificial Intelligence, Dec2011, Hyderabad, Springer Verlag, LNAI, Vol.7080, Pages 201-212, 2011. aa Print ISBN 978-3-642-25724-7
2. M. Umadevi, Arun Agarwal and C. Raghavendra Rao, **‘Identification of Print technology based on Homogeneous regions of Image’**, RSKT ‘2011, 6th International Conference on Roughset and Knowledge Technology Oct 9-12,2011, Banff, Canada. Springer Verlag LNCS 6954. Print ISBN 978-3-642-24424-7
 3. M. Uma Devi, C. Raghavendra Rao and Arun Agarwal, **‘A Survey of Image Processing Techniques for Identification of Printing Technology in Document Forensic Perspective’** IJCA, Special Issue on RTIPPR(1), Pages 9-15, 2010.
 4. M Umadevi, Arun Agarwal and C. Raghavendra Rao, **‘Gaussian Variogram Model for Printing Technology Identification’**, IEEE International Conference on Asian Modeling Symposium, Indonesia, Pages 320-325, 2009.
<http://doi.ieeecomputersociety.org/10.1109/AMS.2009.20>. ISBN: 978-1-4244-4154-9
 5. B Sambasiva Rao ,M Umadevi and P Krishna Sastry, **‘Techniques in Computer Forensics A Recovery Perspectives’**, XVII National Forensic Science Conference, Pages 213-218, Nov 2005.

Citations URL:

https://scholar.google.com/citations?user=j70w_vAAAAAJ&hl=en

Citations:

	All	Since 2017
Citations	27	17
h-index	4	3
i10-index	0	0

FDPs Conducted : 02

- 1) One week Faculty development program “ R programming and Python Django” in association with Spoken Tutorial IIT Mumbai in 2020
- 2) One week Faculty development program “Data Science using Python” in association with ICT academy 2021

Conferences Attended: 02

- 1) **‘Printed Text Characterization for Identifying Print Technology using Expectation Maximization Algorithm’** MIWAI 2011
- 2) **‘Techniques in Computer Forensics A Recovery Perspectives’**, XVII National Forensic Science Conference

FDP's and Workshops Attended:

1. STTP on sensor network and IOT Using Python, Srinivasa Institute of Engineering and Technology ,6th-11th sep 2021
2. Attended FDP on Data Science by APSSDC, 1st june 2020 to 30 june 2020
3. R programming Python Django,Universal College of Engineering and Technology ,26-30th May 2020
4. Attended Workshop on Universal Human values on the theme Inculcating Universal Human Values in Technical Education, 25-29 April 2020 organized by AICTE
5. R Programming, Vignan Nirula 2017,
6. Workshop On Big Data Analytics, Narasaraopeta Engineering College 11th -21st May 2016
7. Multidisciplinary International Workshop on Artificial Intelligence, University of Hyderabad 7th-11th December 2011
8. DST Sponsored Workshop on Soft Computing on Spatial Data Analysis, University of Hyderabad 16th-17th November 2006
9. Attended Workshop on High Performance Computing, Centre for Modeling Simulation and Design, Hyderabad, 19-22nd Feb 2007

Extra Responsibilities:

Hod of CSE

Professional Memberships

- Membership - CSI (Computer Society of India).-Life time
- Membership - IAENG (International Association for Engineers).-Life time
- Membership - SDIWC (The Society of Digital Information and Wireless Communications).-One Year

S.No	Organization	Membership Number	Membership Type
1	CSI	11510345	lifetime
2	IAENG	291692	Lifetime
3	SDIWC	32419	One year