

Dhanya R

Present Status : Assistant Professor, Department of Computer Applications, St. Teresa's College (Autonomous), Ernakulam

Designation : Assistant Professor

Educational Qualification : MCA, Pursuing PhD

Date of Joining : 4/6/2007

Experience : 13 years

Research Area : Image Processing

Contact Information : dhanyar@teresas.ac.in

Positions held in College: -

- HOD of Dept of Computer Applications during 2017-20
- Member of the Audit Cell
- Member of the Counseling Cell
- Member of the Academic Council
- Member of Board of Studies, was part of Syllabus restructuring of BSc Computer Applications[Triple Main],
- Was part of syllabus design for BVoc. Software Development programme & BCA (Cloud Technology & Information Security Management)
- HOD in charge from December, 2014 to February 7th of the Dept. of Computer Applications

Publications: -

- *State of the art review on copy move forgery detection technique*, 2017, IEEE International Conference on Circuits and Systems (ICCS), Pages: 58-65, Electronic ISBN:978-1-5090-6480-9, DOI:10/1109/ICCS.2017.8325963, **Scopus** Indexed
- Dhanya R, Kalaiselvi R, “*Novel Adaptive Segmentation Based Forgery Detection Method*”, Journal of Computational and Theoretical Nanoscience, Volume 16, Number 7, July 2019, pp. 2945-2949(5), American Scientific Publishers, **DOI:** <https://doi.org/10.1166/jctn.2019.8199>, **Scopus** Indexed
- Dhanya R, Kalaiselvi R, “*Novel Copy move Forgery Detection Based on Repeated Feature Extraction and Delaunay Triangulation*”, International Journal of Innovative Technology and Exploring Engineering for Volume-9 Issue-3, January 2020, **Peer Reviewed**
- Dhanya R., KalaiSelvi R. (2020) “*Robust Adaptable Segmentation-Based Copy Move Forgery Detection Method*”. In: Jayakumari J., Karagiannidis G., Ma M., Hossain S. (eds) Advances

in Communication Systems and Networks. Lecture Notes in Electrical Engineering, vol 656. Springer, Singapore. https://doi.org/10.1007/978-981-15-3992-3_61, Scopus Indexed

Online Certifications

- Completed an 14.5 hour online course on '*Big Data for Beginners*' by 360 Degree Minds during the academic year 2019-20
- Successfully completed a 30 hour course on „*Programming for Everybody (Getting started with Python)*“, an online non-credit course authorized by **University of Michigan** and offered through **Coursera**

Faculty Development Programmes Attended

- Attended the National Workshop on *Technologies and Tools for Scientific Research* held at Department of Computer Science, University of Kerala, Kariavattom Campus from 25th to 27th September, 2017
- Attended National Workshop on *LateX Report and Article Writing* organized by Department of Mathematics, Amrita School of Arts & Sciences, Kochi, on 27th October, 2018 • Attended 2 day workshop on *Introduction to Machine Learning using Python* at St. Teresa's College, Ernakulam during 25-26th October, 2018
- Attended 5 day national workshop on **Introduction to Deep Learning** from 20th to 24th May, 2019 at Dept of Computer Applications, CUSAT
- Attended 2 days FDP on „*Data Analysis using SPSS*“ organized by El Shaddai Academy Vellore, TamilNadu on 17th and 18th May 2020
- Attended 10 days online FDP on „*iTeach – A course in E-teaching with AKPCTA*“, on online tools for digital teaching organized by AKPCTA from 30th May to 8th June 2020 • Attended 5 day FDP on „*Trends and Technologies in Digital Era*“ organized by Dept of Computer Science and Engineering, Noorul Islam Centre for Higher Education from July 27th to 31st 2020.
- Attended and successfully completed one week Faculty Development Programme jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB, Khalsa College, University of Delhi under the PMMMNMTT of MHRD and St. Teresa's College from 5th October to 11th October, 2020