DR.G.U.POPE
COLLEGE OF ENGINEERING

STAFF PROFILE

DR.T.JASPERLINE

PROFESSOR

Department of Computer Science and Engineering

Dr. G. U. Pope College of Engineering

Sawyepuram

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Qualification

Degree	Branch	Institution	Year of Passing
B.E	CSE	Karunya Institute of Technology	2021
M.E	I&C	M.S University	2009
Ph.D	I&C	Anna University	2018

PhD Details:

Title of Thesis:

DESIGN AND DEVELOPMENT OF CONTENT BASED IMAGE RETRIEVAL SYSTEMS FOR MEDICAL AND TEXTILE APPLICATIONS

Area of Specialization: Information and Communication Engineering

Work Experience

Name of the Institution	Designation	From	To
Dr.G.U.POPE College of Engineering	Professor	08-07-2002	Till now

Contributions

1	**Conferences/ Workshops/ Seminars Attended**	**Conferences-20, Workshops-18, Seminars-20 FDP-6**
2	**Research Papers presented**	**20**
3	**Publications in Journals**	**8**
4	**Publications in Books**	**-**
5	**Conferences/ Workshops/ Seminars Organized**	**Conferences-20, Workshops-18, Seminars-20 FDP-2**
6	**Research Projects**	**2**
7	**Resource Person**	**3**
8	**Patent**	**1**
9	**Professional Membership**	**ISTE,CSI**
10	**Extension Activities Undertaken**	**NSS**

Conferences/ Workshops/ Seminars/FDP Attended

1. Fdp –Foundations of data science

2. Fdp- Distriuted systems

3. Fdp-Data structures

4. seminar on 'future of AI

5. seminar on "A Pathway to research gate"

Research Papers presented

1. A noval approaches for detect liver tumor diagonisis using convolution neural network

2. Real time pharmacy management system

3. college bus tracking system with an alert message

4. Fetal heart rate detection and measurement for using machine learning

Publications in Journals

1. Jasperlin, T., & Dr. Gnanadurai, D. 2014, "Efficient Content Based Image Retrieval based on Texture and Shape with Double Density DWT", International Journal of Applied Engineering Research, vol. 9, no. 24, pp. 23555-23564,Annexure II-Version 2014.2,Impact factor :0.16

2. Jasperlin, T., & Dr. Gnanadurai, D. 2016, "Histopathological Image Analysis by Curvelet Based Content Based Image Retrieval System", Journal of Medical Imaging and Health Informatics, vol. 6, no. 8, pp. 2063-2068, Annexure I, Impact factor :0.877.

3. Comparative study on texture image retrieval using Double density 2d DWT and double density dual tree DWT

Professional Membership

1.ISTE

2.CSI

Patent details:

1. Smart noninvasive blood glucose monitoring device for diabetes patient