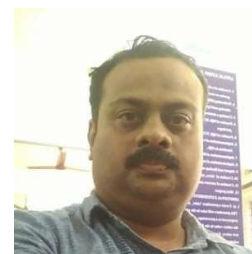**Name:** Dr. Manish T I

Designation: Professor & Dean – PhD Program

Professional objective

To become a successful professional in the field of education and to work in an innovative & competitive research environment.

Current Professional Activities

Major Responsibilities:

- **Dean–PhD Program**
- **Member BoS APJKTU UG CSE**
- **PG –Head CSE**
- **Head–Multimedia Research Lab**
- **Incharge – B.Tech CSE(AI)**
- **NBA & NIRF Coordinator**

Academics: Teaching UG & PG Students in Computer Science & Engineering Department.

Responsibilities:

- Member in Board of Studies UG CSE at APJ Abdul Kalam Technological University
- National Board of Accreditation Department coordinator
- Kerala Technological University Research Supervisor & Research Center Coordinator
- NIRF core committee member
- Editor-in-chief in Journal of Network and Information Security (ISSN : 2321-6859)
- Editorial Board Members in International Journals
- Approved ISO auditor(9001:2008)

❖ Funding

KSCSTE National Science Day (2018)	**10,000/-**
KTU FDP on Software Engineering (2018)	**1, 80,000/-**
AICTE AQIS MODROBS (2018)	**5,97,000/-**

UGC Major Project

No. F 41-625/2012 (S**R)**   **Role: Co-Investigator**

Period: July 2012 to July 2015 (3 Years)

Project Title: Face recognition based driver's alert system

Department: Department of Computer Science & Engineering

University: ManonmaniamSundaranar University, Tirunelveli

PhD Title: Automated feature extraction and analysis from segmented solar images

Description: The study of the variability of the solar corona and the monitoring of its traditional regions (Coronal Holes, Quiet Sun and Active Regions) are of great importance in astrophysics as well as in view of the space weather and space climate applications.

Education

COURSE	BRANCH	BOARD/ UNIVERSITY	INSTITUTION	YEAR	%
Ph.d	Computer Science & Engineering	ManonmaniamSundaranar University,Tirunelveli Area: Image Processing Guide: Dr. D Murugan		Reg No: 7688 Batch: April 2011 Status: Awarded on 20 Nov 2015	
Master of Engineering	Computer Science & Engineering	ManonmaniamSundaranar University, Tirunelveli		2008 - 2010	Distinction with First Class (University Second Rank)
Bachelor of Engineering	Computer Science & Engineering	Bharathiyar University	Tamilnadu college of Engineering, Coimbatore	2001- 2004	First Class

Working Experience

NAME OF INSTITIUTION	POSITION HELD	PERIOD	DURATION
Transcom Systems, Bangalore	Software Engineer	June 2004 – July 2005	1 Year
Royal College of Engineering & Technology, Akkikavu	Lecturer	July 2005 – July 2006	1 Year
M.E.S College of Engineering, Kuttippuram	Lecturer	July 2006 – June 2008	2 Years
	Assistant Professor	April 2010 – April 2011	1 Year
METS School of Engineering, Mala	Assistant Professor	May 2011 - Dec 2015	4.5 Years
Adi Shankara Institue of Engineering and Technology, Kalady	Associate Professor	From Dec 2015 to Sep 2019	
	Professor & Dean – PhD Program	From Oct 2019 onwards	

Patent

Title	Application Number	Country	Year	Status
Aquaponics System Using Iot And Web Based Interface	202041033498	India	2020	Published
Automatic Prevention Against Distraction of Two Wheeler Driving by HEA	201811044259	India	2018	Published
Drainage Poison Gas Detection And Alertness	201911054656	India	2019	Published
Adversarial Training For Large Scale Healthcare Data Using Machine Learning System	2020102667	Australia	2020	Granted
To Reduce Data Processing Workload with Cloud Computing Environment	2020102829	Australia	2020	Granted

SCI Publication

➢ " High Security of Transformation Based Biometric Cryptosystems for Fingerprint Template Protection", Solid State Technology, Vol 64, Issue 2, Pg 3704-3712, 2021

➢ "An adaptive weighted denoising filter framework for impulse and shot noise: a mammogram image applications", International Journal of Biomedical Engineering and Technology, Vol 34, Issue 4, Pg 377-390, 2020

Sponsored Projects

(Under Multimedia Research Lab funded by AICTE AQIS MODROBS 2018)

Objective: The students and staff will be equipped with coding and express their ideas as animated & 3D model.

Current Projects :

(Multimedia perspective)

All the 3D model related to engineering disciples are created using Autodesk 3ds Max and Maya at the Multimedia Research Lab.

(**Research perspective)**

Blood cell 3D segmentation and 3D profiling done using ImageJ and also for analysing of images in batch processing.

For finding deep learning-based human emotion detection and analysis to understand people's response through twitter with the packages like nltk, pandas, re, scikit-learn, numpy, matplotlib in anaconda python in ubuntu distribution .

PhD Supervision - Dr.Manish T I (KTU-F24704)

(Under APJ Abdul Kalam Technological University)
(Ref: https://ktu.edu.in/eu/core/registeredResearchSupervisors.htm)

1. **Ms. Panchami V U (D-ASI17JUL001)**
2. **Ms. Divya G   (D-ASI17JUL002)**
3. **Ms. Divya K S   (D-ASI18JUL001)**

(Ref : https://ktu.edu.in/eu/core/registeredResearchScholars.htm)

PG Project Supervision - M.Tech (CSE)

(Under APJ Abdul Kalam Technological University)

1. Vegetation Detection From Sar Images Using Snap Tool

Remote sensing image processing for detection of vegetation for monitoring and management of land usage, environmental variation, and urban planning, the change dynamics of the area due to deforestation by using SAR Sentinel 1 Images in Sentinel Application Platform.

2. Face Recognition Of Complex Images

Using Deep Convolutional Neural Networks (CNNs) identify the face from complex images

Professional Membership & ID

➢ **Scopus ID: 25822532300**

➢ **ORCiD ID: 0000-0002-1347-5510**

➢ **Web of Science ResearcherID :C-9338-2017**

➢ **Member in International High IQ Society No : 46426**

➢ **Life Member in Indian Society for Technical Education (ISTE) No: LM49662**

➢ **Founder Members in Data Processing Research Group [www.dprg.co.in]**

➢ **Administrator in Python for Engineers Blog [http://pythonforengineers.in]**

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References

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