

About the Workshop

Medical image analysis is the science of solving/analyzing medical problems based on different imaging modalities and digital image analysis techniques. This workshop aims to provide a platform to learn about techniques, analyses and applications of medical images. This workshop is organized in association with IETE student chapter. There will be two full day hands-on-training sessions covering the following topics:

- **Basics of MATLAB & Medical-Image Processing**
- **Image Enhancement & Restoration**
- **Image Fusion & Multi Resolution Analysis**
- **Image Segmentation**
- **Image Processing Apps in MATLAB**
- **Feature Extraction & Artificial Neural Networks**
- **Case Study on medical-imaging applications**
- **Introduction to Machine Learning and Deep Learning**

Programme Outcomes:

- To facilitate the researchers to endow with innovative solutions for healthcare.
- To promote research collaboration between Engineering and Medical Community

Target Audience:

Faculty members, Researchers, PG & UG students who aspire to enrich the skill in image processing and pattern recognition for medical applications.

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Organizing Members

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Ms.B.Lakshmi Priya, AP/ECE, MVIT

Committee Members

Ms.G.Sharmila, AP/ECE, MVIT

Ms.R.Punithalakshmi, AP/ECE, MVIT

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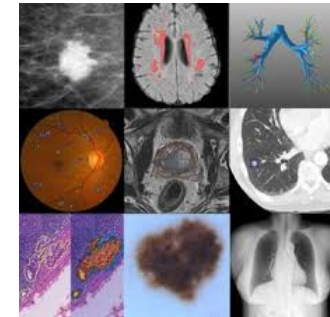


MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY

In Association with IETE
(Institute of Electronics and
Telecommunication Engineers)



Two Days Hands-on Training on “Medical Image Processing & Pattern Recognition”



30.11.2018 to 01.12.2018

Organized by

*Signal and Image Processing Group
Department of ECE,*

*Manakula Vinayagar Institute of Technology,
Kalitheerthalkuppam, Puducherry-605107*

Resource Persons

Dr.D.Saraswathi, Asso.Prof/ECE, MVIT

Ms.B.Lakshmi Priya, AP/ECE, MVIT

Registration Details

Mr. Ms. Dr. Prof.

Name:.....

Position:.....

Organisation/Company:

Address:.....

Phone:.....

Email:.....

Sponsorship Certificate

Certified that Dr/Mr/Ms _____ is an employee / Research Scholar of our Institution and is sponsored to attend the Two Days Hands-on-training on “**Medical Image Processing & Pattern Recognition**”. He / she will be permitted to attend the course for the entire duration, if selected.

Signature of the Sponsoring Authority with Seal
Place:
Date :

About the Department

The Department of Electronics and Communication Engineering was established in the year 2009 with a team of committed and experienced faculty. The department is accredited by NBA. The department offers B.Tech and M.Tech in Electronics and Communication Engineering. The Department is equipped with state of art laboratories to cater the training needs of our UG as well as PG students. The students are exposed to Communication, Digital Signal and Image Processing, Embedded systems and VLSI. The Department is very active in organizing regular invited lectures, workshops, Seminars, Cultural competitions, Industrial visits and Implant training.

VISION

The department aspires to produce dexterous professionals, competent Researchers and entrepreneurial leaders for the benevolence of the society.

MISSION

Higher Order Thinking - To invoke higher order thinking among the students by means of comprehensive teaching and learning process.

Competency - To provide training on cutting-edge technologies to improve the competency of the students.

Continuous Learning - To promote innovation through providing state-of-art facilities and active industry institute interaction.

Entrepreneurship - To facilitate the students to improve their leadership and entrepreneurship skills with ethical values.

About MVIT

Manakula Vinayagar Institute of Technology, with its motto to Educate, Empower and Excel, has risen to meet the ever increasing need for consummate technologists who would usher in a better tomorrow that would free people from the clutches of old world ideas. Manakula Vinayagar Institute of Technology is a self-financing technical institute started in 2008 with the aim to make state-of-the-art technology to the rural society and to open up career opportunities for the underprivileged youth in and around the vicinity.



Registration

Last Date: 29th November 2018

Fee: Rs.300/- . Seats are limited to 40 participants, on a first-come-first-serve basis. The registered participants will receive a certificate of participation.

For registration : www.mvit.edu.in

Date & Time

30.11.2018 to 01.12.2018,
9:00am to 4:30pm