



IMAGE PROCESSING

DIGITAL IMAGE PROCESSING
COMPUTER GRAPHICS
ARTIFICIAL NEURAL NETWORKS
DIGITAL VIDEO PROCESSING

COMPUTER VISION
DATA COMPRESSION
SOFT COMPUTING
HIGH PERFORMANCE COMPUTING

PATTERN RECOGNITION
MACHINE LEARNING
DATA MINING

About MEC

Established in 1989 under the patronage of IHRD(Institute of Human Resources Development), Govt.Model Engineering College bides as one of the most acclaimed colleges in the state owing to its sterling academic performances and placement records. The institute is affiliated to APJ Abdul Kalam Technological University (KTU).

M.Tech. Image Processing under the Dept. of Computer Science and Engineering

Started in the year 2011, the foremost objective of this programme is to hone technical skills demanded by today's engineering professionals by providing a sound technical platform and the required knowledge base.

Educational Objectives:

- Entrepreneurship - This course is designed to produce entrepreneurship by exposing the students to a wide array of cutting edge technologies.
- Teaching - Opportunity to stay updated with the field of study and to educate many potential engineers.
- Research - The program imparts an outstanding educational opportunity for those planning to pursue a career in computing and research.

Curriculum

Coursework -

Digital Image Processing, Advanced Data Structures and Algorithms, Computer Graphics, Advanced Data Mining, Computer Vision, Pattern Recognition, Data Compression, Soft Computing, Digital Video Processing, High Performance Computing

Lab Facilities:

Department of Computer Science and Engineering has always kept its target of providing excellent infrastructure to the students during their laboratory exercises. The Department is well equipped with the latest computers and software for preparing students to start exciting careers in industry and academia



- Mini project duration - 6 months.
- Main Project duration - one year.
- Publication of students work in reputed journals

Ongoing Projects are in the areas of:

- Biometric Authentication
- Deep Learning
- Machine Learning
- Data Compression



Internships:

Congratulations to all the M.Tech. Computer Science and Engineering students who have secured internships in the following Companies in 2020



BATCH - (2018 - 2020)



BINY ABRAHAM

Full Contact
Technologies Pvt. Ltd.
Data Research
Associate



DIONA THOMAS

IBS Software Services
Pvt. Ltd.
Software Engineer



**FATHIMA HIBATH
SUDHEER**

Suntec Business
Solutions
Intern (Software
Testing)



KARUNYA K

Suntec Business
Solutions
Intern (Software
Testing)

BATCH - (2019 - 2021)

Triz Labz Interns:



ARHILA P DAS



GENCY V G



KAVYA M T



SANGEETHA P