

Amrita School Of Engineering, Ettimadai, Coimbatore

Name : HEMA P MENON
Staff ID : 1269
Designation : SENIOR LECTURER
Qualification : B.E (CSE), MTech (CVIP)
Department : COMPUTER SCIENCE AND ENGINEERING
Date of Joining : 03/04/2000
Email : p_hema@ettimadai.amrita.edu
Areas of interest: IMAGE PROCESSING, DOCUMENT IMAGE A
OF ALGORITHMS, COMPUTER ARCHITECTURE, MEDICAL IMAGE ANALYSIS,
IMAGE FUSION.



PART 1- TEACHING

2005-ODD Semester (July – Dec, 2005) Courses Taught:

1. Document Image Analysis (MTech) Theory and Lab
2. Principles of Programming languages (BTech)
3. AI Lab

2006-EVEN Semester (Jan – May, 2006) Courses Taught:

1. Image Processing (MTech) Theory and Lab
2. PC Hardware Lab
3. PPL Lab

2006-ODD Semester (July – Dec, 2006) Courses Taught:

1. Document Image Analysis (MTech) Theory and Lab
2. Principles of programming languages

2007-EVEN Semester (Jan – May 2007) Courses Taught:

Image Processing

2008 - ODD Semester (July – Dec, 2007) Courses Taught:

Medical Image Analyiss

Part II – Research

B. Tech Projects Supervised (include student name, title & semester/yr):

1. Document Image Segmentation
2. Malayalam OCR

1. Script Identification from document images

2. Finger print recognition using Gabor Filters
3. SQL Query submission tool

M. Tech / MCA Projects Supervised (include student name, title & semester/yr):

1. Amrita Form processing system (Mtech)
2. Automization of Postal Documents (Mtech)
3. SVRT- A database project for a rice traders
4. Network intrusion detection system.
5. MCA database projects

If you are currently doing your Ph.D list the following: Title of the thesis, Name of Ph.D. advisor, and Expected date of completion:

Title: " Perceptual Image Fusion Processing"
 Advisor: Dr.K.A.Narayanankutty, Dept. of ECE, AMRITA
 Expected year completion: 2010

Publications / Patents / Books / Monographs: [Include any URL links to published material]:

SCRIPT IDENTIFICATION FROM DOCUMENT IMAGE USING GABOR FILTERS	International Conference on Signal and Image Processing- B.V.B College of Engg. HUBLI
FONT STYLE IDENTIFICATION USING GABOR FILTERS	National Conference on Mathamatica, Computing and Modelling- Gandhigram Rural University- Dindigul

Awards and Recognitions:

Second Rank in 2 nd sem MTech (CVIP)

PART III – SERVICE

List all formal or informal activities related to department/ school/ university administration.

Conferences/ Workshops/ Seminars organized:

Assisted in
 organising ICPC'05 and ADCOM '05,
 was in registration committee for many events.
 arranging invited talk for MTech CVIP students by Dr. Andrews Fredrick

Department or University committee membership activities:

Role of Class advisor and Class councillor for many batches.
 Course Mentor For Principles of Programming Languages Course
 Project Cordinator for BTech and MTech projects.

Assistance in Hardware Lab Maintenance, Maintenance of Department Fund.

Member of Exam Committee (2003).