

Dr.Mahalingam College of Engineering and Technology, Pollachi – 642 003
Department of Information Technology

Special Interest Group- INFORMATION PROCESSING

SUMMARY

S.No.	Academic Year	No. of Activities
1.	2016-2017	24
2.	2015-2016	10
3.	2014-2015	7
4.	2013-2014	14
5.	2012-2013	14
Total		69

Academic Year (2016-17(Even Semester))

S. No.	Date	Activity Name	Venue
1.	17.04.2017	MATLAB – Coding event on Signal and Image Processing	Operating System Laboratory
2.	10.04.2017	Quiz Competition	
3.	27.03.2017	Presentation on Current Trends	
4.	13.03.2017	Image Processing Toolbox: Image Enhancement and Restoration	
5.	06.03.2017	Image Processing Toolbox: Geometric Transformations & Spatial Referencing	
6.	27.02.2017	Image Processing Toolbox: Correcting Non-uniform Illumination	
7.	20.02.2017	Image Processing Toolbox: Import, Export Functions	
8.	13.02.2017	Image Processing Toolbox: Image Enhancement	
9.	06.02.2017	Introduction to image transformation	
10.	30.01.2017	Introduction to Image Processing	
11.	09.01.2017	Polar Plots and Animation Effects	
12.	02.01.2017	Signal Processing Toolbox: Filter Design	
13.	26.12.2017	Signal Processing Toolbox: Transforms	
	19.12.2017	Signal Processing Toolbox: Transforms	

Academic Year (2016-17) (Odd Semester)

S. No.	Date	Activity Name	Venue
1.	28.06.2016	Introduction to MATLAB, Basic Commands and Data Types	Operating Systems Lab
2.	05.07.2016	Hands on Practice for Arithmetic Operations	
3.	12.07.2016	Programs using Different types of Operators	
4.	19.07.2016	Creating Vectors, Arrays & Matrices	
5.	26.07.2016	Matrix Operations (Arithmetic Operations) - (Hands on Practice)	
6.	09.08.2016	Programs using Loops and Decision Making Statements	
7.	16.08.2016	MATLAB Commands for Signal Generation	
8.	23.08.2016	Signal Processing Toolbox : Signal Representation & Waveform Generation (Hands on Practice)	
9.	30.08.2016	Convolution, Frequency Response of Filters (Hands on Practice)	
10.	06.09.2016	Quiz Competition	
11.	20.09.2016	Current Trends Discussion	

Academic Year (2015-16)

S. No.	Date	Activity Name	Venue
1.	27.02.2016	MATLAB - Hands on Training – Wavelet Toolbox & Discussion on Recent Trends in information Processing	Operating Systems Lab
2.	06.02.2016	MATLAB - Hands on Training – Simulink	Operating Systems Lab
3.	26.09.2015	Code Debugging	Operating Systems Lab
4.	12.09.2015	C Programming Aptitude Test	Operating Systems Lab
5.	29.08.2015	Programming Contest in” C”&“Java”	Operating Systems Lab
6.	22.08.2015	Idea Presentation (Related to speech processing)	Operating Systems Lab
7.	01.08.2015	Speech Processing : Voice Box	Web & Multimedia Lab
8.	25.07.2015	Speech Processing : Voice Box	SE & OS Lab
9.	04.07.2015	Recent Technical Concepts which can be Implemented in MATLAB	Web & Multimedia Lab
10.	27.06.2015	Digital Watermarking and its Recent Applications	Web & Multimedia Lab

Academic Year (2014-15)

S. No.	Date	Activity Name	Venue
1.	07.03.2015	Idea Presentation Contest	Operating System Lab
2.	21.02.2015	Exploring Various Toolboxes in MATLAB	Operating System Lab
3.	24.01.2015	Ideas Regarding Latest Trends in Information Processing (Going Through Simple Literatures)	Programming Lab
4.	10.01.2015	Signal Processing Tool Box	VP & OS Lab
5.	15.10.2014	MATLAB and its Advanced Scope	A512 Classroom
6.	19.09.2014	Research Topics Information Processing, Discussion on Recent Trends in Information Processing	A511 Classroom
7.	17.09.2014	Various Trends in Data Processing	A511 Classroom

Academic Year (2013-14)

S. No.	Date	Activity Name	Venue
1.	29.03.2014	Image Preprocessing Techniques	Programming Lab
2.	22.03.2014	Projects on Pattern Classification, Robotics	SE & OS Lab
3.	15.03.2014	Seminar on Voice Recognition, Scanning, Seminar on Retina Scanning	Programming Lab
4.	08.03.2014	Image Retrieval, Visualization Techniques	
5.	01.03.2014	Lispix Tool, Global Information Locator Service	
6.	01.02.2014	Finger Vein Authentication, Iris Recognition	
7.	25.01.2014	Various Applications in Image Processing	
8.	18.01.2014	Tools in Image Processing, Mini Projects Related to Information Process	
9.	21.09.2013	Classification of Information Processing (Robotics, Speech, Pattern Recognition), Seminar on Image Processing	
10.	14.09.2013	Tools Used in Information Processing – JAM PPT on Industries Based on Information Processing Group Discussion Recent Trends in Information Processing	SE & OS Lab
11.	31.08.2013	Companies Based on Information Processing, Speech Processing and its Applications, Discussion - Recent Trends in Image Processing	SE & OS Lab
12.	17.08.2013	Hands on Training on MATLAB, Seminar on Pattern Classification, Mini Project Ideas	SE & OS Lab
13.	03.08.2013	Discussion Pattern Classification	SE & OS Lab
14.	27.07.2013	Discussion on Algorithms Used in Pattern Recognition	A303 Classroom
		Demo on Microsoft Speech Recognition Engine, Speech Application Program Interface Components	Networking Lab

Academic Year (2012-2013)

S. No.	Date	Activity Name	Venue
1.	16.03.2013	HTML Based Web Application Development	Networking Lab & Web & Multimedia Lab
2.	09.03.2013	Coding in WEKA	Web & Multimedia Lab
3.	09.02.2013	Hands on - WEKA Tool	Web & Multimedia Lab
4.	19.01.2013	Research Concepts Relate With Information Processing	SE & OS Lab
5.	05.01.2013	Developing Simple Concepts Using MATLAB - Contest	SE& OS Lab
6.	29.12.2012	Practice Session on MATLAB & WEKA Tool	Web & Multimedia Lab
7.	22.09.2012	Machine Learning Using MATLAB	Networking Lab

Academic Year (2012-2013)
SPEECH AND INTERFACING

S. No.	Date	Activity Name	Venue
1.	16.03.2013	HTML Based Web Application Development	Networking Lab & Web & Multimedia Lab
2.	09.03.2013	Recent Trends in Speech Processing (Presentation)	A224 Classroom
3.	09.02.2013	Speech Enhancement Techniques	Networking Lab
4.	19.01.2013	Demo on Speech Processing Using MATLAB	SE & OS Lab
5.	05.01.2013	Demo on HMM Model on Speech Recognition	Web & Multimedia Lab
6.	29.12.2012	Demo on Speech Tool - PRAAT	A313 Classroom
7.	22.09.2012	Basics of Speech Processing	A204 Classroom