Amrita School of Engineering
Amrita Vishwa Vidyapeetham
Amrita Nagar, Coimbatore – 641 112
Department of Computer Science and Engineering

National Workshop on Computer Vision and Image Processing Techniques
NWCVIPT 2017
March 30 - 31 & April 1, 2017

PROGRAMME SCHEDULE

Day 1 - 30th March 2017 - Thursday			
Session	Time	Topic (Tentative)	Resource Person
	8:30 AM - 9:00 AM	Registration	
	9:00 AM - 9:30 AM	Inauguration	
1	9:30 AM - 10:30AM	Inaugural Address	Dr. P. Balamuralidhar Principal Scientist & Head TCS Innovation Labs, Bangalore
2	10:30 AM - 11: 15 AM	Secure Cloud-based Multimedia Processing and Editing	Pradeep K. Atrey, Department of Computer Science, College of Engineering and Applied Sciences, University at Albany, State University of New York.

	11:15 AM - 11:30 AM	Tea Break	
3	11:30 AM - 12:15 PM	Image and Video Analysis	Dr.Ravindra Babu , Data Analyst, Flipkart
4	12:15 PM - 1:00 PM	Challenges in Image Processing	Dr. Latha Parameswaran , Professor and Chairprson, CSE, Amrita School of Engineering, Coimbatore.
	1:00 PM - 2:00 PM	Lunch Break	
5	2:00 PM - 2:45 PM	'Deep Learning - Setting the context'.	T S Rangarajan Tata Consultancy Services Limited, Chennai
6	2:45 PM - 3:45 PM	Fundamentals of Deep Learning / Miniconda Theano and keras in Windows - Hands On Session	Dr. Karthikeyan Vaiapury, Scientist, TCS Innovation Labs
	3:45 PM - 4:30 PM	Tea Break and Poster Session	
7	4:30 PM - 6:30 PM	Image Processing using MATLAB - Hands On	Ms. R Manjusha Ms. T Bhagyammal CSE, Amrita School of Engineering, Coimbatore.

Day 2 - 31st March 2017 - Friday

Session	Time	Topic	Resource Person
1	9:00 AM - 10:00 AM	Challenges in Satellite Image Processing	Mr. B Gopala Krishna Dy. Director, NRSC National Remote Sensing Centre, Hyderabad
2	10:00 AM - 11:00 AM	Spectral Methods/Deep learning in Image processing	Dr.Ramanathan Muthuganapathy, Associate Professor, Department of Engineering Design, IIT Madras.
	11:00 AM -11:15 AM	Tea Break	
3	11:15 AM -12:15 PM	Classification of Mild Cognitive Impairment subtypes: Deep Learning vs Conventional Machine Learning	Dr. Arcot Sowmya Professor University of New South Wales, Australia
4	12:15 PM - 1:00 PM	Research @ Amrita	Dr. P Bhagavathi Sivakumar, Professor , CSE, Amrita School of Engineering, Coimbatore.
	1:00 PM - 2:00 PM	Lunch Break	
5	2:00 PM - 2:45 PM	Miniconda Theano and keras in Windows - Hands On Session	Dr. Karthikeyan Vaiapury, Scientist, TCS Innovation Labs
6	2:45 PM - 3:30 PM	Self Organizing Map Neural Network and its application in Computer Vision	Dr. Swapna Agarwal , TCS

7	3:30 PM - 4:15 PM	Computer Vision	Mr.Chetan H Nadiger, Intel Corporation, Bangalore
	4:15 PM - 4:30 PM	Tea Break	
8	4:30 PM - 6: 30 PM	Deep Learning - Hand on session - Python basics and caffe for mnist	Mr. Srikanth, 1000Lookz.com

Day 3 - 1st April 2017 - Saturday

Session	Time	Topic	Resource Person
1	9:00 AM - 10:00 AM	Applications of CVIP	Ms. P. K. Selvi, Scientist C, Central Pollution Control Board (CPCB), Ministry of Environment, New Delhi
2	10:00AM - 11:00AM	Applications of CVIP	Dr.Jayanthi Sivasamy, Professor and Dean, IIIT Hyderabad
	11:00 AM -11:15 AM	Tea Break	
3	11:15AM - 12:15PM	Research Directions - Deep Learning	Dr. Venkatesh Babu, Professor, IISc , Bangalore
4	12:15 PM - 01:00 PM	Deep Learning - Hand on session - Python basics and caffe for mnist	Mr. Srikanth, 1000Lookz.com
	1:00 PM - 2:00 PM	Lunch Break	

| 5 | 2:00 PM - 4:00 PM | Deep Learning - Hand on session - Python basics and caffe for mnist | Mr. Srikanth, 1000Lookz.com |