

TEQIP III SPONSORED

One Week Faculty Development Programme on

ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING: RESEARCH AND APPLICATIONS PERSPECTIVES

22 - 28 October 2018

Programme Schedule

Date	Session 1(9.00 am – 10.30 am)	Session 2(10.45 am –12.15 pm)	Session 3(1.30 pm –3.00 pm)	Session 4(3.15 pm – 4.45 pm)
22.10.2018 F 201	Dr.Sheela Siddhapa <i>Chief Data Scientist and Global Head-Data analytics-RBEI/EDS2</i>	Dr.Sheela Siddhapa <i>Chief Data Scientist and Global Head-Data analytics-RBEI/EDS2</i>	Dr.Vineeth-IITH <i>Optimization Methods for Deep Learning</i>	Dr.Vineeth-IITH <i>Optimization Methods for Deep Learning</i>
23.10.2018 GRD Lab CSE Dept.	Sri Darshan Gera <i>Sri SathyaSai Institute of Higher Learning(SSSIHL) Introduction to Deep Learning – Part I</i>	Sri Darshan Gera-SSSIHL <i>Introduction to Deep Learning – Part I</i>	Sri Darshan Gera-SSSIHL <i>Introduction to Deep Learning – Part II</i>	Sri Darshan Gera-SSSIHL <i>Introduction to Deep Learning – Part II</i>
24.10.2018 GRD Lab	Dr. S. Balasubramanian-SSSIHL <i>Deep machine Learning</i>	Dr. S. Balasubramanian-SSSIHL <i>Convolution Neural Networks</i>	Dr. S. Balasubramanian-SSSIHL <i>Recurrent Neural Networks</i>	Dr. S. Balasubramanian-SSSIHL <i>Recurrent Neural Networks</i>
25.10.2018 GRD Lab	Dr.K S Sridharan -SSSIHL <i>AI and Learning</i>	Dr.R.Ragunatha Sarma-SSSIHL <i>Unsupervised Learning</i>	Dr.R.Ragunatha Sarma-SSSIHL <i>Spectral Clustering</i>	Dr.R.Ragunatha Sarma-SSSIHL <i>Spectral Clustering</i>
26.10.2018 F 201	Dr.Sahely Bhadra-IIT-Palakkad <i>Generative Adversarial Network</i>	Dr.Sahely Bhadra-IIT-Palakkad <i>Generative Adversarial Network</i>	Dr.Srijith-IITH <i>Bayesian Deep Learning</i>	Dr.Srijith-IITH <i>Bayesian Deep Learning</i>
27.10.2018 F 201	Dr.P.Santhi Thilagam-NITK,Surathkal <i>Deep Learning Applications</i>	Dr.P.Santhi Thilagam-NITK,Surathkal <i>Deep Learning Applications</i>	Dr.Sumantra-IIT Delhi <i>SVM</i>	Dr.Sumantra-IIT Delhi <i>SVM</i>
28.10.2018 F 201	Dr.Sumantra-IIT Delhi <i>K-Means, Gaussian Mixtures and the EM Algorithm, with the Stauffer-Grimson video Background subtraction algorithm</i>	Dr.Sumantra-IIT Delhi <i>K-Means, Gaussian Mixtures and the EM Algorithm, with the Stauffer-Grimson video Background subtraction algorithm</i>	Dr.Sumantra-IIT Delhi <i>K-Means, Gaussian Mixtures and the EM Algorithm, with the Stauffer-Grimson video Background subtraction algorithm</i>	Valedictory Session and Feedback