



RAJARAJESWARI COLLEGE OF ENGINEERING

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Department of Computer Science & Engineering

Report On SDP:

1. Type of Event: **Student Development Program (19th FEB – 23rd FEB 2018)**
2. Title of Event: **“Intelligent Computing Techniques In Data Mining And Image Processing”**
3. Resource Person: **Dr.D.Devaraj, Senior Professor & Dean, EEE, KLU**
4. Event Duration: **10.00 AM to 04.00 P.M (19th FEB – 23rd FEB 2018)**
5. Venue: **CSE Seminar Hall**
6. Organizing Committee: **Dr.R.Balkrishna, Principal, RRCE,
Dr. S Usha, Dean Research, HOD (CSE),**
7. Faculty Co-Coordinator: **Dr.D.Sivakumar, ASP/CSE, Mr.Mahantesh, AP/CSE**
8. Target Participants: **CSE Students and Faculties (Around 100 Participants)**
9. Topics covered:
 - ✓ Data analytics methods on Correlation, Regression, Multiple regression, Logistic regression, Factor analysis and emotional intelligence.
 - ✓ The theme of the program also highlights on overview of Big Data Analytics, Data Mining and its associated techniques like Association analysis, Classification and Clustering algorithms.
 - ✓ Fundamentals of Image Processing.
 - ✓ Object Tracking.
 - ✓ Digital Image Filtering.
 - ✓ Image Processing with basic operations.
 - ✓ Classical to soft computing Approaches.
 - ✓ Deep learning concepts. Applications of Deep learning in Image Processing.
 - ✓ Hardware Design concepts for machine learning algorithms.
 - ✓ Challenges and Advancements in Data mining and Image Processing.
 - ✓ Hands-on Experiences in WFKA MATLAB and other associated tools