

Registration Form
Instructional Course on Machine Learning
February 7-11, 2012

Participant's Name:
Year (if student):
Department:
Organization:
Address for Communication:

Contact Phone No.
e-mail:
DD. No. & Date:
Accommodation required:

Signature of the Participant

Recommendation Form

This _____ is to certify that
Mr./Ms. _____
_____ is a mem-
ber of the department of
_____ of

_____ of
college and is recommended to attend the In-
structional Course on *Machine Learning: Current
Scenario and Future Directions* during February
7-11, 2012 at Bapatla Engineering College, Bap-
atla.

Place: _____ Seal & Signature of the
Date: _____ Head of the Department

Organizing Committee

Patron
Sri. Muppalaneni Seshagiri Rao
President
Bapatla Education Society

Chairperson
Dr. K. Srinivasu
Principal
Bapatla Engineering College

Convener:
Dr. N. Sudhakar
Head, Dept. of CS&E

Coordinator:
Dr. Sushma Y.
Professor, Dept. of CS&E

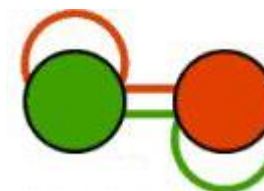
Faculty Coordinator:
Sri. M. Rajesh Babu
Sr. Lecturer
M:9441271567
mrb.csebec@gmail.com

Course mailid:
workshop.csebec@gmail.com
workshop.csebec@yahoo.in

Visit us:
www.becbapatla.ac.in

**An Instructional course on
Machine Learning: Current
scenario
and Future Directions**

for Post-graduate students and Faculty
February 7-11, 2012



Sponsored by
**Indian Association for Research in
Computing Science**
www.iarcs.org.in

Organized by



**Department of
Computer Science & Engineering**

Bapatla Engineering College
Bapatla-522101
Andhra Pradesh, India
www.becbapatla.ac.in

Bapatla Education Society

Bapatla Education Society, sponsors of Bapatla Engineering College was established in 1962 and runs 6 other educational institutions including Bapatla College of Arts & Sciences, Bapatla Junior college, Bapatla womens Engineering college, Bapatla Polytechnic College, Bapatla Public School and Bapatla College of Pharmacy.

About our Institution

Bapatla Engineering college is an autonomous college under the jurisdiction of Acharya Nagarjuna University and has been twice accredited by NBA. It was established in 1981 and currently offers B.Tech, M.Tech and MCA courses. The engineering departments are Computer Science & Engg, Information Technology, Electronics & Communication Engg, Electronics & Instrumentation Engg., Electrical and Electronics, Mechanical, Civil, Chemical and Bio-Technology.

Theme of the Workshop

Machine Learning refers to systems that continuously learn from experience, training, analytic observations and other means and improve upon themselves. The success of the learning is a function of the training received, extent of any initial knowledge, the feedback mechanism used and the learning algorithms used. How to efficiently build systems that improve upon the learning that views complex patterns in inputs and produces the appropriate output that works in a generalized manner is a major focus of machine learning.

Eminent faculty will impart instruction on the preparatory material and offer research orientation on topics including

- Machine Learning Overview
- Classification
- Regression
- Clustering
- Feature Extraction
- Association Rule Mining
- Future Directions
- Research problems - Cellular Neural Networks

The instructional course will comprise of theory and hands-on lab sessions. Each day is organized as 4 sessions. Theory:Practical session ratio is 3:1 with practical sessions involving Weka Machine Learning Toolbench, Octave and/or Matlab. Laboratory assignments will focus on

- data formats
- feature selection
- classification algorithms
- clustering algorithms
- regression algorithms

Target Audience

The instructional course is intended for postgraduate students and faculty of Engineering and Sciences in Computer Science and Information Technology.

Resource Persons

1. Dr. Balaraman Ravindran, Associate Professor, Dept of CS, IIT-Chennai
2. Dr. A. Koteswara Rao, HOD, Dept of IT, V.R.Siddhartha Engg College, Vijayawada
3. Mr. Deepak Vijayakeerthi, Dept of CS, IIT-Chennai
4. Mr. Rangadurai Karthick, Dept of CS, IIT-Chennai

Registration

The Registration fee may be paid by a D.D drawn in favor of "The Principal, Bapatla Engineering College, Bapatla" payable at Bapatla. The duly filled-in Registration form may be sent along with the D.D to reach the address of the Faculty Coordinator on or before February 2, 2012. Scanned copies of registration form and D.D may be mailed to the Course mailid. Confirmation will be intimated through email within a day.

Lunch and snacks will be provided during the course. Accommodation will be provided outside the campus at the specific request of the participants. For accommodation contact the faculty coordinator.

Registration fee

Faculty : Rs. 750/-

Students : Rs. 400/-