



Kristu Jayanti College

AUTONOMOUS **Bengaluru**

Reaccredited with 'A' Grade by NAAC | Affiliated to Bangalore University

DEPARTMENT OF COMPUTER SCIENCE (PG)

MCA PROGRAMME

organizes

FACULTY DEVELOPMENT PROGRAMME

on

**DATA MINING TECHNIQUES
USING
RAPID MINER TOOL**

9th & 10th February, 2016

About the College

Kristu Jayanti College, founded in 1999, is run by "BODHI NIKETAN TRUST", formed by the members of St. Joseph Province of the Carmelites of Mary Immaculate (CMI). The college is affiliated to Bangalore University and is reaccredited with highest grade 'A' by NAAC in Second Cycle of Accreditation. The college is recognized by UGC under the category 2(f) & 12(B). The college was accorded autonomous status from 2013 by the University Grants Commission, Government of Karnataka & the Bangalore University. In India

Today - Nielsen survey 2015. The college is ranked 16th Best Commerce College, 22nd Best Science College & 24th Best Arts College in India and 3rd, 4th, 5th positions in Commerce, Arts & Science among Top 10 Colleges in Bangalore. The institution strives to fulfill its mission to provide educational opportunities to all aspiring youth to excel in life by developing academic excellence, fostering values, creating civic responsibility and building global competencies in a dynamic environment.

About the Department

The Department of Computer Science (PG) offers Master's Degree in Computer Applications (MCA) which is a three year full time programme spanning six semesters and approved by the All India Council for Technical Education (AICTE). The MCA programme of the college intends to produce aspirants who will be competitive computer professionals trained in advanced technical concepts. The exclusive curriculum with updated industry oriented syllabus, skill development programmes in IT and soft skills transform the student into a competitive global professional.

FDP Objective

Data mining is a mechanism to extract hidden interesting patterns from very large databases. It has a variety of applications in Big Data, Bioinformatics, Medical Diagnosis, Fraud Detection, Geospatial Data Analysis and Customer Relationship Management. The objective of the workshop is to provide an opportunity to the participants to learn about the data mining techniques and its application in various domains. The Hands on sessions using Rapid Miner Tool will enhance the experience of the learner.

Who can participate?

- Faculty Members / Research Scholars / Industry Delegates / PG Students.
- **Maximum of 60 participants only** (First Come First Serve).
- Deadline for receipt of filled in application - **5th February 2016**.
- Participants are requested to bring the laptop configured over Windows.

Registration Fee

- Industry Delegates - **Rs. 750/-**
- Faculty Members / Research Scholars - **Rs. 500/-**
- Students - **Rs. 300/-**

Payment can be made through a Demand Draft drawn in favor of "The Principal, Kristu Jayanti College", payable at Bangalore.

The Registration Fee includes Workshop kit, Lunch and Refreshments.

How to Reach Kristu Jayanti College

Bus Route: From Majestic Bus Stand (Platform 19) Bus Route - 292B, 292C, 293H, 292E, 295A From KR Market - 292 to 295.
Train : From Cantonment Railway Station (10Kms) / Bangalore East (8Kms) Bus Route: 292, 292B, 292C, 202E, 292F, G11
From Bengaluru International Airport (28Kms)



CONTACT

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Kristu Jayanti College (Autonomous)

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Data Mining Techniques Using Rapid Miner Tool

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Day - 1: 09.02.2016

Session - I

- Introduction to Data Mining
- Data Mining techniques
- Exploring Rapid Miner Tool
- Data Preprocessing

Session - II

- Hands-on session using Rapid Miner
- Handling missing values
- Normalization
- Redundant data identification

Session - III

- Association Rule Mining
- Apriori Algorithm
- Fp-Growth Algorithm

Day - 2: 10.02.2016

Session - IV

- Classification techniques
- Decision Tree classification
- Bayesian classification
- Hands-on session using Rapid Miner

Session - V

- Clustering Methods
- Hands-on session using Rapid Miner

Session - VI

- Prediction Analysis
- Linear Regression
- Multiple Linear Regression
- Logistic Regression
- Hands-on session using Rapid Miner



Resource Person:

Dr. P. Ambika and Prof. K. Aruna Devi, Department of Computer Science(PG), Kristu Jayanti College



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Department of Computer Science (PG) – MCA Programme

Faculty Development Program

Data Mining Techniques Using Rapid Miner Tool

09th & 10th February 2016

Registration Form



Name :

(In Block Letters)

Designation :

Institution :

Address for Communication:

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Phone: Official: Mobile: +91.....

Email:

Payment Details

DD No.

Date: / / 2016

Bank Name:

Amount. Rs. in words.....

Signature: