

ONE WEEK PROFICIENCY COURSE ON “PREDICTIVE ANALYTICS”

25th – 30th July 2016

Registration Form

Name _____

Designation _____

Department _____

Qualification: _____

Gender M F

Category GM SC ST OTHERS

Address for Communication:

Phone _____

Email _____

Registration Fee details

DD No. /Date _____

Amount _____

Name of the
Bank / Branch _____

Place: _____

Date: _____

Applicant's Signature

Signature of Head
of the Institution

R. V. College of Engineering, Bengaluru:

R.V. College of Engineering (RVCE), Bengaluru, India, is one of the premier technical institutes. Established in 1963, RVCE has celebrated its Golden Jubilee. The college currently has about 5600 students and over 400 faculty and 250 supporting staff. RVCE currently offers 12 Bachelors and 22 Masters Programs (annual intake of about 1750 students), and carries out research and consultancy activities in all departments, with provision for Ph.D studies. RVCE has set a vision “**Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a focus on Sustainable and Inclusive Technology**”. RVCE is an Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi. RVCE has been awarded “Engineering College of the Year-2015” by the Higher Education Review Magazine. RVCE has been certified as Global League Institute by Great Place to Study Research Institute (GPSRI) on the 19th November 2015 at prestigious venue - House of Commons, UK by Rt. Hon. Virendra Sharma, MP. RVCE's ranking according to the survey of 'The Week' magazine – June 2015: 9th among top 99 Pvt. Engg. Colleges in the country. RVCE **Ranked 35th** in the country among NITs, IITs and CFIs by National Ranking Institutional Framework (NIRF) survey conducted by the Ministry of HRD, Govt. of India. Also, **Ranked 8th** among Private Engineering Institutions / Private Universities in the Country.

The **Department of Industrial Engineering and Management** was established in the year 1985. The department offers a four- year under graduate degree programme in BE (IEM) and Post Graduate program in **Master of Engineering Management**. Department of IEM has qualified and experienced teaching faculty and highly skilled and self motivated technical staff. The state of the art Physical infrastructure has been established in order to promote a congenial academic environment to impart quality education. The department houses research center recognized by Visvesvaraya Technological University (VTU) and offers Ph.D & M.Sc. Engineering programs. The department actively engages in research pursuits in the contemporary areas of Industrial Engineering & Management. Several R&D projects in the niche areas have been successfully executed by the department with the support from various funding agencies such

as DST, AICTE, DRDO, NRB and VGST. The department successfully executed more than 15 consultancy assignments

About the Proficiency course:

Predictive Analytics is a form of **analytics** which is used to make predictions about unknown future events. It is characterized by techniques such as **regression analysis, forecasting, & multivariate statistics, predictive-modeling, and forecasting**. The patterns found in historical and transactional data can be used to identify risks and opportunities for the future. By successfully applying predictive analytics business can effectively interpret big data for their benefit. The data mining along with **text analytics** and **statistics** allows business users to create predictive intelligence by uncovering **patterns** and relationships in both **structured** and **unstructured data**.

Objectives of the Proficiency Course:

- The objective of this course is to provide in-depth knowledge of predictive analytics techniques such as regression analysis, forecasting, multivariate statistics, and predictive modeling.
- Provide exposure to latest tools, tests and procedures in Predictive Analytics.
- Provide overview on future trends in the Industry.

Course Outcomes:

At the end of the course, the participants will be able to:

- Appreciate the emergence of predictive analytics as a competitive strategy.
- Understand algorithms and processes for Predictive modeling.
- Analyse structured and unstructured data using statistical and data mining techniques and understand relationships between the underlying business processes of an organization.
- Use advanced analytical tools to analyse complex problems under uncertainty.
- Manage business processes using analytical and management tools.

Who Can Register

- Students of Engineering & Management disciplines
- Working professionals from industries
- Research scholars and faculty from academia

Resource persons from IISc, IIM-B, Palisade, IBM, Quest and other Industry experts will be delivering talks on data analytics with hands on sessions using tools like R and Palisade.

Registration Fee:

Rs. 3000/- (+ 15% service tax) Demand Draft drawn in favour of "Principal, RVCE" payable at Bengaluru may be sent along with the registration form.

Last date for Registration: 20th July 2016

Note:

- Registration Fee does not include accommodation charges.
- Accommodation will be provided on request with a nominal fee at RVCE Hostel.
- Please send the scanned copy of filled registration form to ramaa@rvce.edu.in or prasannarao@rvce.edu.in

ADVISORY COMMITTEE:

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COURSE ON
“PREDICTIVE ANALYTICS”**

25th – 30th July 2016

Organized By

**Department of Industrial Engineering
and Management,
R.V College of Engineering,
Bengaluru**

Venue:

**R V College of Engineering,
Bengaluru**