RAMAIAH
Institute of Technology

One Week Faculty Development Program
on

" Predictive Analytics: A Gateway to Business Excellence "

13th – 18th January 2020

Registration Form

Name of the participant: .....

Designation: .....

Qualification: .....

Experience: .....

Name and Address of Institution: .....

.....

.....

Address for communication:.....

.....

.....

Signature of the Applicant

Signature & Seal of the Principal

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Vice-Chairman, GEF
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Director-MSRIT

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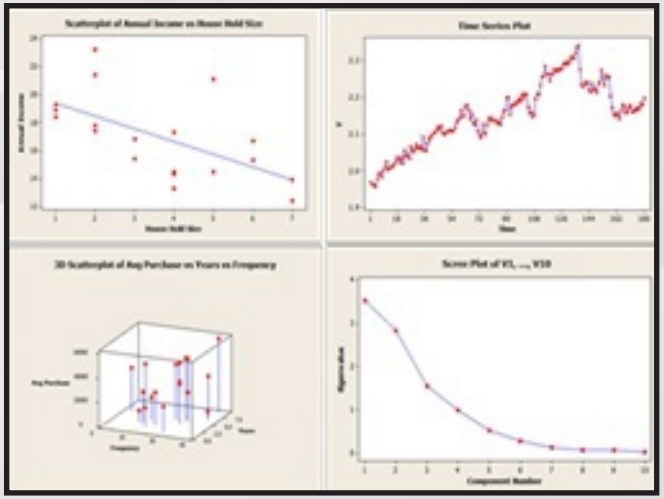


Jointly Organized By

Department of Industrial Engineering and Management

&

Department of Mechanical Engineering

M S Ramaiah Institute of Technology
Vidya Soudha, MSR Nagar, MSRIT Post, Bengaluru – 560 054
Tel: 080-23600822/23603123, Fax No. 080–23603124.
Website: www.msrit.edu

ABOUT RAMAIAH INSTITUTE OF TECHNOLOGY

Ramaiah Institute of Technology was founded in 1962 by late Sri. M S Ramaiah, philanthropist and educationist. The institute runs thirteen undergraduate programs and fifteen postgraduate programs. Sixteen Departments are recognized as Research Centers by Visvesvaraya Technological University (VTU). The institute has been granted academic autonomy since 2007. All the departments are accredited by National Board of Accreditation and 'A' grade by NAAC

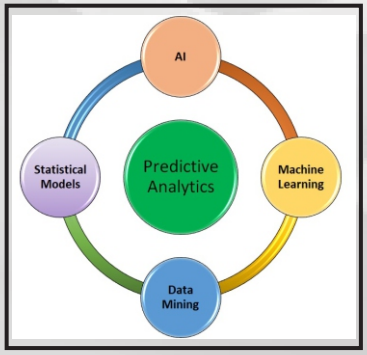
ABOUT INDUSTRIAL ENGINEERING & MANAGEMENT DEPARTMENT

The department was established in the year 1979 as Industrial & Production engineering and renamed as Industrial Engineering & Management in the year 1992 with an intake of 60 students and M.Tech program commenced in the year 2012. The department has been recognized as R&D center by VTU. The department has well modernized laboratories namely Industrial & Quality Engineering lab, Computer Lab and Metrology & Mechanical Measurement lab. The department highly qualified, motivated and result oriented faculty members. All the faculties are involved in research and technical paper publications in reputed technical journals, conferences across the world. The Department also offers research programs which includes MSc Engineering by research and PhD degree from VTU. At present 17 Research Scholars are pursuing PhD at our Research Centre. The department was accredited by the NBA in 2001, 2004, 2010, 2012, 2015 and reaccredited in 2018

ABOUT MECHANICAL ENGINEERING DEPARTMENT

The department of Mechanical Engineering is a team of well qualified 51 teaching faculty. All the staff members have post graduate degrees while 27 of them are doctoral degree holders. The staff members of the Mechanical Engineering department have taken up a number of research projects funded by many external agencies such as DRDO, DST, AICTE, and VTU and havereceived funding to the tune of Rs. 1 Crore. The department has MoU with various prestigious R&D organizations and companies like ACE Manufacturing Systems Limited (AMS), Boeing International Corporation India Private Limited, etc. Faculty members from the department have published booksin different domains of Mechanical Engineering and these books are recommended by the Visvesvaraya Technological University's Board of Studies as reference text books. The department has obtained a patent and currently is in pursuit of three more patents.The department has grown strong over the last 56 years with the intake rising to 180 students educated by a teaching staff comprising 45 members. The department was affiliated to the BU since year 1962 and then the affiliation changed to the VTU in the year 1997. A Master's degree course in Manufacturing Science and Engineering was introduced in 1985 and one more Master's degree course with the title Computer Integrated Manufacturing in 2004. The department also offers Research Programs which includes Msc Engineering by research and PhD degree from VTU. At present 21 Research Scholars are pursuing PhD at our Research center. The department was accredited by NBA for UG recently in 2017.The Department also has several active student-driven Research Clubs in the areas of Aeronautics, Nano-technology, Energy Sciences, Robotics & Automation, Materials Technology, and so on.

ABOUT THE FDP



In a globalized World, Internet, information exchange, analysis, storage and usage have become the norm. This has led to development of various techniques which are applied to real-time data to provide a sound foundation for analysis. One such technique is Predictive Analytics. It combines various methods such as Data Mining, Statistical Models, Artificial Intelligence and Machine Learning to garner, analyse and provide sound predictive models. By using these combined techniques relation between various variables can be identified, analyzed and also prediction can be built upon based on the relationship. Data set which are large and complex to analyze can be explained in a simplistic manner by using such techniques. These models are being used in various fields such as Manufacturing, Services, Environmental Science, Retail Industry, Healthcare, Financial Sector, etc. In today's competitive world wherein data driven approaches have become essential part of business, learning and applying predictive analytics can provide "A GATEWAY TO BUSINESS EXCELLENCE".

Who Can Participate?

Faculty from Academic Institutions and Practicing Engineers
Industry executives
Research scholars
PG Students

Important Dates

Last date for receiving the filled registration form –6th January, 2020

Address for Correspondence

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Book-Post

Invitation

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