SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

National Workshop on

"DATA ANALYSIS AND BUSINESS INTELLIGENCE (NWDABI '16)"

December 5 & 9, 2016

The department of Computer Science and Engineering in association with M/s. Cognizant Technology Solutions Limited, Chennai jointly organized a two days National Workshop on "Data Analysis and Business Intelligence (NWDABI'16)" in SVCE premises on 5th December & 9th December 2016.

The objective of the workshop was to provide an opportunity for professionals to gain expertise in R programming, Data Analysis, Linear and Logistic regression analysis, Predictive modeling and ANOVA. The workshop began with the welcome address delivered by Dr. C. Jayakumar, Head of the Department, CSE. Dr. R. Nedunchelian, Prof/CS, Coordinator gave an introductory speech about the workshop followed by Mr. S. Muraleedharan, Placement Officer, SVCE. The lamp was lit by the dignitaries. Dr. R. Jayabhaduri, Associate Professor/CS, Coordinator introduced the resource person Dr. Karthik Sundararaman, Technology Architect from Global Technology Office - Research & Development, Cognizant Technology Solutions, Chennai. Ms. V. Rajalakshmi, Assistant Professor/CS, Coordinator introduced the resource person Dr. V. Natarajan, Technology specialist from Global Technology Office-Research & Development, Cognizant Technology Solutions, Chennai. The programme had four sessions, the first one was on Introduction to Data Analysis and Statistical models by Dr. Karthik Sundararaman and Dr. V. Natarajan on December 5,2016. Dr. Karthik Sundararaman began his lecture with the need for data analysis and he elaborated on the types of statistical inferencing. The session concluded with the fundamentals of data analysis.

The second session (afternoon) of the day was on building logistic regression models using generalized linear models. Dr. Karthik Sundararaman explained the concepts involved in building logistic regression models. The session came to an end with hands on training on building logistic models by Dr. V. Natarajan using R statistical tool. R is a powerful statistical programming language in an enterprise-class, big data analytics platform.

The third session was on December 9, 2016 forenoon. Dr. Karthik Sundararaman gave lectures on time-series analysis and predictive modeling. Dr. V. Natarajan demonstrated these topics using R with examples related to prediction. The demo was well explained using R datasets and R packages. The last session on the day was on predictive Modeling using decision trees by Dr. Karthik Sundararaman. Hands on training on "Assessing Predictive models through cross validation" were demonstrated very well by Dr.V. Natarajan.

The workshop had attracted a heterogeneous group of 34 participants that encompassed corporate, faculty and Undergraduate students. The workshop was well received and appreciated.

Participant Evaluation forms were issued to obtain feedback. The workshop ended with distribution of certificates to participants.

Participant Details: TOTAL - 34

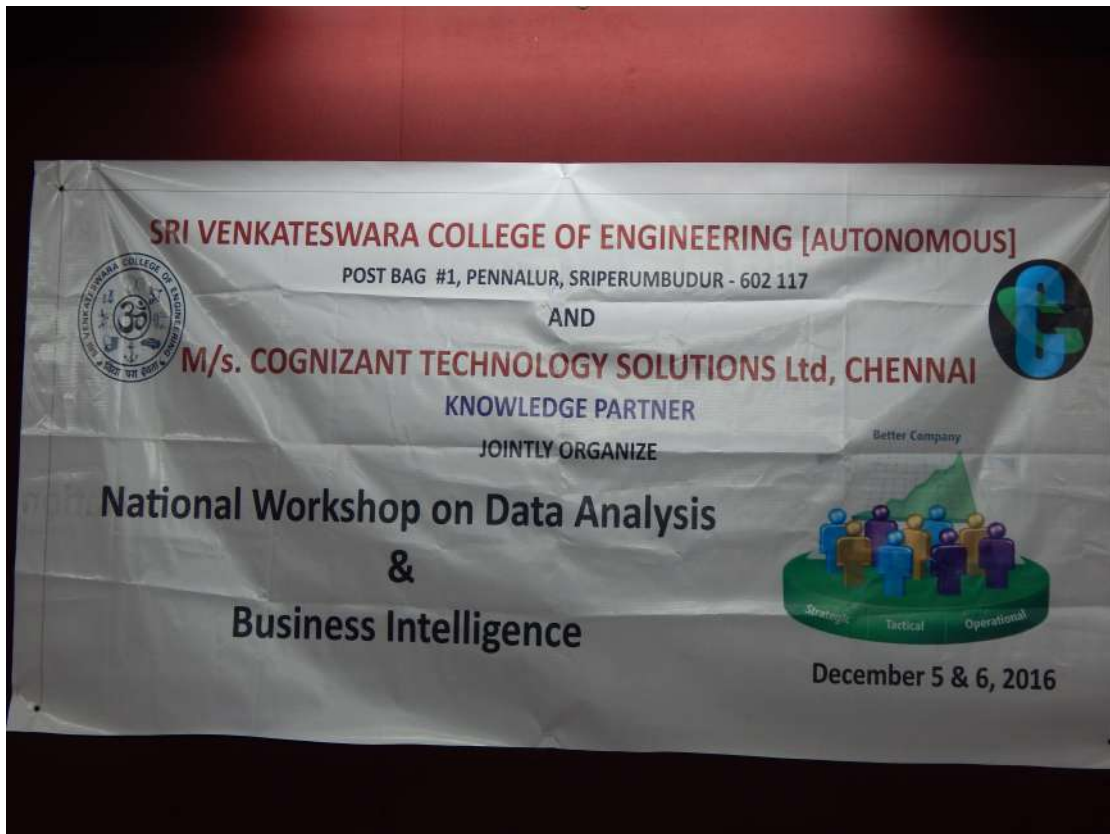| S.No	Category	No of participants	Institution / Company
1	Corporate	4	Gamesa Renewable Pvt Ltd, Chennai
2	Corporate	2	L & T Construction, Chennai
3	Faculty	1	KL University, Guntur
4	Faculty	1	Valliammai Engineering College
5	Faculty	21	SVCE
6	UG students	5	SVCE : II CS – 3, IV CS - 2

Dr. R.Nedunchelian

NWDABI '16 Coordinator

Dr. C.Jayakumar

HOD/CS

Snapshot of the events.

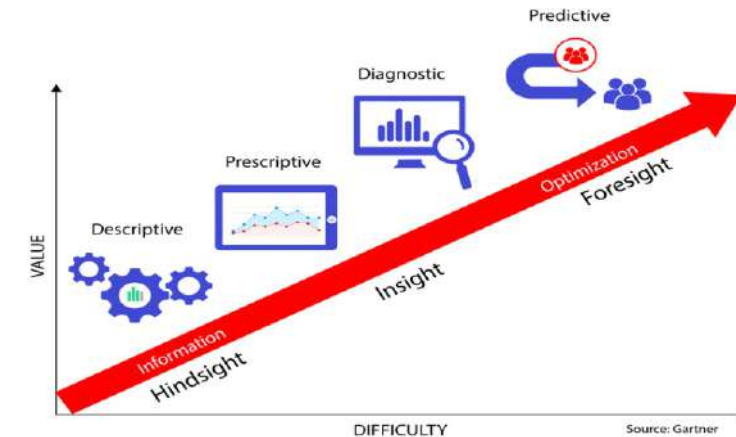# SRI VENKATESWARA COLLEGE OF ENGINEERING

POST BAG #1, PENNALUR, SRIPERUMBUDUR - 602 117

AND

COGNIZANT TECHNOLOGY SOLUTIONS, CHENNAI

JOINTLY ORGANIZE

National Workshop on Data Analysis
&
Business Intelligence

December 5 & 6, 2016

Patron
Dr.S.Ganesh Vaidyanathan, Principal

Convener
Dr.C.Jayakumar, HOD/CS

Coordinators
Dr.R.Nedunchelian (94448 85080)
Dr.R.Jayabhaduri (94441 17480)
Ms.V.Rajalakshmi (91769 99190)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Visit us on
www.svce.ac.in
nwdabi16@gmail.com
Tel : +91-44-27152000

About SVCE

SVCE is a unit of Sri Venkateswara Educational and Health Trust (SVEHT). Dr. A. C. Muthiah, a renowned engineer, industrialist is the Chairman of the Governing Council of the college. While the College supports the learning of the highest order through its quality infrastructure and eminent faculty, it also provides a wide scope for excellent development of personality of students through the effectively functional Associations meant for professional, co-curricular and extracurricular activities.
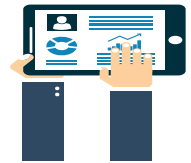
About the Department

The Department of Computer Science and Engineering was established in the year 1985. The department is well equipped with excellent computing facilities, and has highly qualified faculty specialized in areas like Artificial Intelligence, Big Data, Cloud Computing, Data Analytics, Data Mining, Natural Language Processing, Machine Learning and Wireless Networking. The department is a research center recognized by Anna University, Chennai.

Objective

This programme is intended to provide an opportunity for professionals to gain expertise in R Programming, Data analysis, and Regression analysis. R is a powerful statistical programming language in an enterprise-class, big data analytics platform.

Hands - on Training

R Statistical Tool

Resource Persons

Dr. Karthik Sundararaman, Manager
Dr. Natarajan, Senior Associate
Global Technology Office - Research & Development
Cognizant Technology Solutions

Participation Fee

₹ 800/- to be made through cash/DD drawn in favor of "The Principal, Sri Venkateswara College of Engineering", payable at Chennai.

Address for Communication

The Coordinator
Workshop on "Data Analysis & Business Intelligence"
Department of CSE
Sri Venkateswara College of Engineering
Post Bag No.1, Pennalur Village,
Chennai - Bengaluru High Road,
Sriperumbudur Tk. - 602 117.
TAMIL NADU, INDIA
Tel : +91-44-27152000 Extn. : 301
E-mail : nwdabi16@gmail.com

TARGET AUDIENCE

❋ *Engineering faculty, Students and Research scholars*
❋ *Seats limited to 40, Preference based on First Come First Served*

Important Dates

Last date for Registration: 30.11.2016
Selection Intimation : 01.12.2016
Venue: CS DEPT, SVCE