

## VALUE ADDED COURSE

Session - 2020-2021



# CERTIFICATE COURSE IN DATA ANALYTICS

### About the course

Data analytics course helps to understand the details of the tools used in analyzing the data. This course enhances demonstration skills of strategic and proactive thinking towards business decision making. Students will understand about the recent tools and enhance their analytical skills. Students will develop the critical thinking and analytical skills for solving business problems along with practical knowledge of data models, decisions, and value – building confidence in using data to improve decision-making. This course further enhances demonstration skills of strategic and proactive thinking towards business decision making. After completing the course, students will know which analytics approach is the most appropriate for problem solving, and more importantly, how to tackle big data and leverage it for better business outcomes.

### Learning Outcome

After completion of the course, students will be able to:

- Develop skills to tackle big data and leverage it for better business outcomes
- Evaluate analytics problem solving to lead teams and design
- Describe common algorithms, their appropriate applications across domains, and their limitations
- Understanding visual data analysis techniques

Timing : **12:30 pm - 01:30 pm**  
**04:00 Pm - 05:00 pm**

Duration : **30 hours**

Resource Person :

**Dr. Ashutosh Bajpayee**  
**Ms. Rajni Bansal**

Registration Date :

**25-08-2020 - 27-08-2020**

### Note

- Interested students must fill the registration form by 27/8/2020, by 5:00 pm.
- 80% attendance is mandatory to get the certificates.
- Assessment will be held on the basis of viva voce.

### Module

- Introduction to BIG DATA (7 hours)
- Data Analysis (7 hours)
- Mining Data Streams (7 hours)
- Frequent Item sets and Clustering (7 hours)
- Frameworks and Visualization (7 hours)

For any queries related the VAC certification course, Please feel free to contact  
VAC Coordinator : **Dr. Y.P. Singh 8842782568**