

About the College

The Radhakrishna Institute of Technology and Engineering (RITE) is a JRG Educational Trust initiative. The trust takes its roots from the life and philosophy of noted social worker and philanthrope Shri Jagdish Raiji Gupta. The objective of the trust has been to impart education to all strata of the Indian society and to equate the Indian educated youth with the heights scaled by their counterparts abroad. Apart from this primary objective, the group continues to bear the beacon of social upliftment of the backward sections of the Indian society. The trust is home to a host of eminent members of the Indian intelligentsia which comprise the five founder members.

About the Course

The course targets 6 main skill areas:

- Descriptive
- Inferential Statistics
- Correlation
- ANOVA
- Chi-square
- t-test

This course provides an application-oriented introduction to the statistical component of SPSS Statistics. Students

will review several statistical techniques and discuss situations in which they would use each technique, how to set up the analysis, and how to interpret the results. This includes a broad range of techniques for exploring and summarizing data, as well as investigating and testing relationships. Students will gain an understanding of when and why to use these various techniques and how to apply them with confidence, interpret their output, and graphically display the results. The topics also considered in the work include descriptive statistics, hypothesis testing, confidence intervals, linear regression and correlation analysis, as well as analysis of variance (ANOVA).

Outcomes of Course

By the end of this course, participants will be able know the basic fundamentals of:

- Calculate/recode variables and prepare data for analysis.
- Conduct descriptive and basic inferential statistics.
- Examine datasets, evaluate results and make conclusion
- Develop practical skills through hands on experience with data analysis tools

5-Days Faculty Development Programme

on

Titled

**Data Analysis using SPSS and AMOS
(21 March 2022- 25 March 2022)**



Course Coordinator:
Mr. Bimal Ranjan Pattanaik

Organized By:

Department of Mechanical Engineering (ME)

Radhakrishna Institute of Technology and Engineering, Bhubaneswar

(Plot No. 1, Khurda Industrial Estate, Dist: Khurda,
Under B.D.A., Bhubaneswar, Bhubaneswar,
Khordha, Odisha 752057)
www.riteindia.edu.in


Principal
Radhakrishna Institute of Technology and Engineering, Bhubaneswar

About the College

The Radhakrishna Institute of Technology and Engineering (RITE) is a JRG Educational Trust initiative. The trust takes its roots from the life and philosophy of noted social worker and philanthropist Shri Jagdish Raiji Gupta. The objective of the trust has been to impart education to all strata of the Indian society and to equate the Indian educated youth with the heights scaled by their counterparts abroad. Apart from this primary objective, the group continues to bear the beacon of social upliftment of the backward sections of the Indian society. The trust is home to a host of eminent members of the Indian intelligentsia which comprise the five founder members.

About the Course

The course targets main 2 skill areas on:

- **What is Form 16?**
- Reading of Form 16

The PDP will provide participants :

Form 16 is a salary certificate given by the employer of the assessee to the assessee containing the computation of his income and TDS details. As per the Income-tax rules, if an employer deducts TDS on salary, he must issue, Form 16 to his employee on or before 31st May of the next year immediately

following the financial year in which tax is deducted. Form 16 consists of two parts viz Part A and Part B. Part A contains information in relation to TDS deducted and deposited by the employer. Part B contains information relating to the computation of salary and other income and the calculation of income tax liability.

Outcomes of Course

In these 5-days SDP participants will gain the essential hands on experience :

Part A of Form 16 includes the following

1. Unique TDS Certificate Number
2. Name and address of the Employer
3. Name and address of Employee
4. PAN and TAN of Employer
5. PAN and Reference Number of Employee
6. Financial Year and Period of Employment
7. Total TDS Deducted and Deposited for the year

Part B of Form 16 includes the following -

1. Detailed about Salary including bifurcation as Salary, Perquisites and Profits in lieu of Salary
2. Details of Allowances exempt u/s 10
3. Details about deduction u/s 16 including Standard Deduction and Professional Tax
4. Any other income reported by the employee
5. Deductions available against Income
6. Your Net Tax Liability
7. Verification of the employer

5-Days Staff Development Program

On

Computational Perspective of Form 16

(02 February 2022-06 February 2022)



Course Coordinator:

Mr. Ashok Kumar Nayak

Organized By:

Administrative Section, RITE

Radhakrishna Institute of Technology and Engineering, Bhubaneswar

(Plot No. 1, Khurda Industrial Estate, Dist: Khurda,
Under B.D.A., Bhubaneswar, Bhubaneswar,
Khordha, Odisha 752057)
www.riteindia.edu.in


Principal
Radhakrishna Institute of Technology
and Engineering, Bhubaneswar

About the College

The Radhakrishna Institute of Technology and Engineering (RITE) is a JRG Educational Trust initiative. The trust takes its roots from the life and philosophy of noted social worker and philanthropist Shri Jagdish Raiji Gupta. The objective of the trust has been to impart education to all strata of the Indian society and to equate the Indian educated youth with the heights scaled by their counterparts abroad. Apart from this primary objective, the group continues to bear the beacon of social upliftment of the backward sections of the Indian society. The trust is home to a host of eminent members of the Indian intelligentsia which comprise the five founder members.

About the Course

The course targets main skill areas:

- Image Recognition
- Speech Recognition
- Traffic Prediction
- Product Recommendations
- Self Driving Cars
- E-mail Spam and Malware Filtering
- Virtual Personal Assistant
- Online Fraud Detection
- Stock Market Trading

- Medical Diagnosis
- Automatic Language Translation

This course helps cater to the unique needs of every student. This technology has been implemented into several eLearning software solutions to monitor various parameters (such as exercise completion time, time spent on the platform, number of logins, and test results) and assess student performance, engagement, and learning patterns, or even forecast learning outcomes.

Outcomes of Course

By the end of this course, participants will be able to know the basic fundamentals of:

- Understand the meaning, purpose, scope, stages and its real time applications
- Perform scientific and technical computing using the SciPy package and its sub-packages, optimise, statistics, IO and weave.
- Gain expertise in mathematical computing using the NumPy and Scikit-learn package
- Understand appreciate deep learning and its applications

5-Days Faculty Development Programme

on

Machine Learning and its Real Time Applications

(22 November 2021- 26 November 2021)



Course Coordinator:


Mr. Maheswar Mishra

Organized By:

**Department of Computer Science
Engineering(CSE)**

**Radhakrishna Institute of Technology and
Engineering, Bhubaneswar**

(Plot No. 1, Khurda Industrial Estate, Dist: Khurda,
Under B.D.A., Bhubaneswar, Bhubaneswar,
Khordha, Odisha 752057)
www.riteindia.edu.in


Principal
**Radhakrishna Institute of Technology
and Engineering, Bhubaneswar**