



CERTIFIED SPECIALIST IN DATA SCIENCE AND ANALYTICS

COURSE SPONSOR



COURSE DELIVERY



KNOWLEDGE PARTNER



INTERNSHIP PARTNER



Up to 75% Scholarship Available for Keralites

ICT ACADEMY OF KERALA



ABOUT THE PROGRAM

Certified Professional in Data Science & Analytics is a 6-month certification program which includes a Virtual Industry Internship. The program utilizes blended learning techniques, including self-paced learning, online learning, virtual sessions for doubt clarification and real-time teacher-student interaction using digital collaboration tools.

OBJECTIVES OF THE COURSE

- Provide insights about Data Science Life Cycle and various job roles available.
- Enable participants to analyze data and derive meaningful insights.
- Learn Techniques and Tools to transform data.
- Make participants figure out various Machine Learning algorithms.
- Learn Data Visualization and Optimization.
- Build, Train, Evaluate and Fine-tune Machine Learning Models
- Create and host Machine Learning Solutions.

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AGENDA

- Introduction to Data Science
 - Basics of Python Programming and Python for Data Science
 - Data Visualization with Tableau
 - Introduction to Statistics
 - Classification, Tabulation, and Presentation of Data
 - Measures of Central Tendency and Dispersion
 - Simple Correlation and Regression
 - Data Preparation and Data Preprocessing
 - Clustering
 - Text Mining & Analysis
 - Testing of Hypothesis in Case of Large and Small Samples
 - Chi-Square Test, F – Distribution, and Analysis of Variance (ANOVA)
 - Probability and Data Science
 - Classification
 - Database Concepts and SQL
 - Web Application Development with Python Flask

DURATION OF THE COURSE

Course Components	Duration (hrs)
Self-paced Learning	110
Live	50
Project	100
Industry Internship	125
Total Learning	385

HIGHLIGHTS OF THE COURSE

- 75% scholarship for meritorious students (Keralites)
- 125 hours of Virtual Internship at TCS iON
- Access to more than 14000 LinkedIn Courses
- 100% Placement Assistance Guarantee*
- Training Methodology using PERL Model
- International Readiness Program
- Employability Skills Training
- Badges from partner companies
- IELTS Basic Training
- Cross-Cultural Training

FEES OF THE COURSE

Rs 19,700 + GST

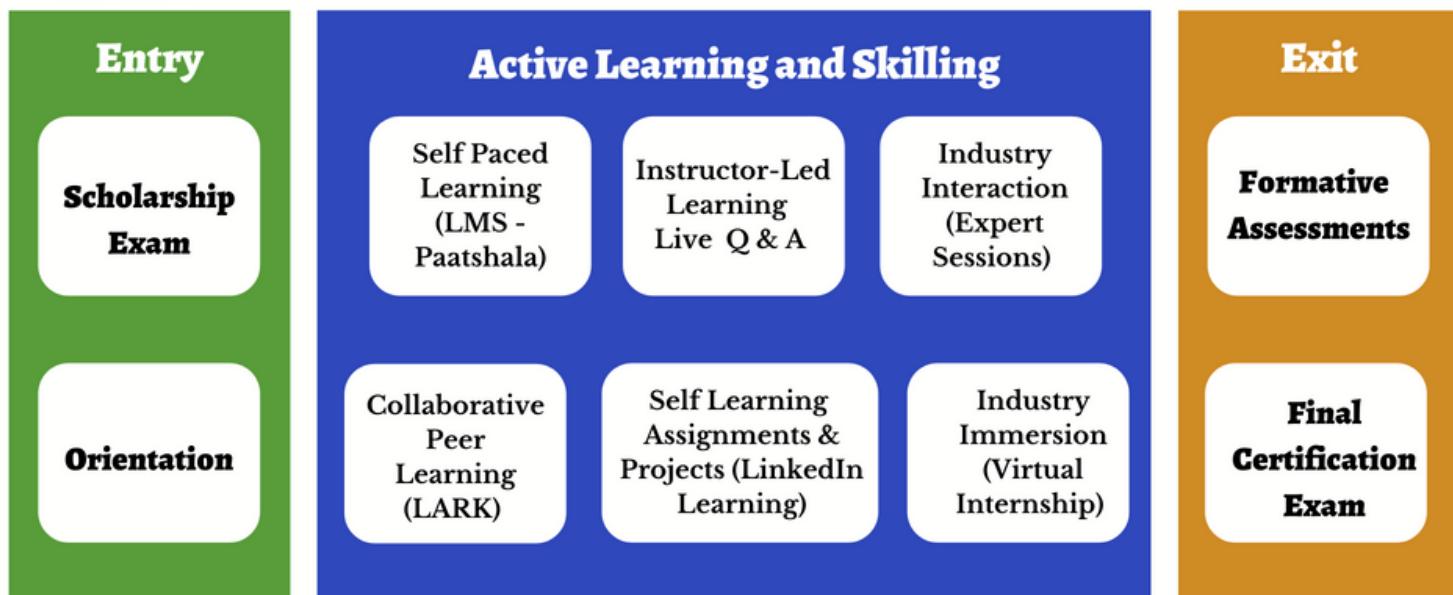
ELIGIBILITY

Engineering or Science graduate with basic knowledge in Statistics.

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Our Online Programme Framework Positive Engagement and Realtime Learning (PERL)



Highly immersive and multi channel model of engagement – Feedback rating of 4.5 / 5.0

FOR REGISTRATION

<https://ictkerala.org/norka-roots-admission-2021/>

CONTACT US

ICT ACADEMY OF KERALA

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