Eligibility

Faculty Members, Research Scholars, UG/PG Students from Polytechnic, Arts and Science, Engineering Colleges, Working Professionals from Industries are eligible to apply.

Registration Fee (Including 18% GST)
Rs. 3,540/-

Scan for Payment

Mode of the Course: Hybrid
Online & Offline sessions
6 days (Only on Saturdays)

Scan for Registration

Last Date for Registration: 30.06.2025

Registration Procedure:

Step 1: Complete the payment at http://eazypay.icicibank.com
Enter Institution name as 'T C E' with space and select the last option "**T C E SOUVENIOR CCE**" from the drop-down menu. Enter the required details and title of the program as **TCEBAXL**

Step 2: Pay the registration fee and download the easy pay transaction receipt

Step 3: Make your registration at https://shorturl.at/JUNv1. Upload the transaction details in google form with Transaction ID

About the Course

The objective of this course is to introduce the fundamentals of Business Analytics, develop proficiency in Microsoft Excel, apply Excel skills to real world business problems, equip learners with practical Excel skills needed for entry-level roles for data analysis, data visualization, data analytics and decision making. This is a 40 hours course (05.07.2025 to 02.08.2025) conducted through hybrid mode during all the Saturdays.

Topics Covered:

Module 1: Exploratory Data Analysis and Visualization

- **I**ntroduction to Business Case Studies and need of analytics.
- Basics of MS Excel for data analytics.
- Business data collection and preparation considering ethical procedures with case studies.
- Exploratory data analysis in MS Excel.
- Data Visualization.

Hands on Session:
- MS Excel basics for analytics.
- Exploratory data analysis with given raw data.
- Creating Dashboards for Business data.

Module 2: Data Analytics and Decision Making

- Data Analytics with regression models, case study with implementation.
- Decision making with optimization techniques (Transportation / Assignment).

Hands on Session:
- Data Analytics case study
- Decision making with optimization techniques.

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CENTRE FOR CONTINUING EDUCATION

A 40 Hour Value Added Course on "Business Analytics using MS Excel"

All the Saturdays between 05.07.2025 to 02.08.2025

Organized by

DEPARTMENT OF APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCE
and
DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

www.tce.edu

About the College

Thiagarajar College of Engineering (TCE), established in 1957 by philanthropist Karumuttu Thiagarajan Chettiar, is a Government Aided Autonomous Institution affiliated with Anna University, Chennai, and approved by AICTE. Located on a serene, eco-friendly campus, TCE offers 11 undergraduate, 7 postgraduate, and doctoral programs in Engineering, Architecture, and Science. The college is known for its modern infrastructure and strong commitment to academic excellence. Since 2018, TCE has adopted progressive teaching methods including a Competency-Based Curriculum, Outcome-Based Education, and the CDIO framework, all emphasizing practical, hands-on learning. The introduction of MOOCs in 2021 and the Thiagarajar Research Fellowship (TRF) for Ph.D. scholars highlight its growing focus on research and innovation. TCE collaborates with leading industries such as TVS Motors to design relevant curricula and develop advanced labs like the TS Srinivasan Centre for Automotive Research. Participation in national initiatives like the Technical Education Quality Improvement Programme (TEQIP) has further advanced faculty development, research, and governance, reinforcing TCE's status as a premier institution in technical education.

About the Departments

Department of Applied Mathematics and Computational Science

The Department of Applied Mathematics and Computational Science of our college offers 5 Year Integrated M.Sc., (Data Science) Degree Programme from the academic year 2019-2020. This is an inter-disciplinary programme covering Applied Mathematics, Statistics and Computer Science. The curriculum of this programme comprises of Theory, Theory cum Practical and Practical Courses. The Programme has foundation courses, Professional core courses, Professional elective courses and employability enhancement courses.

Department of Computer Science and Business Systems

TCE offers a four-year Bachelor of Technology (B.Tech.) degree programme in Computer Science and Business Systems (CSBS) in association with Tata Consultancy Services (TCS) from the academic year 2020-21. This Programme is approved by AICTE. The curriculum is designed with the support from Tata Consultancy services (TCS) and is customized in CDIO framework of our Institution. The students are trained in emerging topics such as Analytics, Machine Learning, Cloud Computing, Cyber security, Internet of Things etc to make them industry ready. The course handling faculty members are trained by TCS.

Organizing Committee

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Mr. K. Hari Thiagarajan
Chairman and Correspondent

Patron
Dr. L. Ashok Kumar
Principal

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Professor & Head, Dept. of AMCS

Dr. M. K. Kavitha Devi,
Professor & Head, Dept. of CSBS

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Dr. B. Surya Devi, Asst. Prof., AMCS
Dr. P. Suganthi, Asst. Prof., CSBS
Mr. T. Siva, Asst. Prof., CSBS

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