



ISTE Approved One Week Online STTP
On

Applied Data Analytics : From Core Foundations To Interactive Data Insights

14th to 18th, DECEMBER 2026
09.15 AM to 04.15 PM

REGISTRATION



Scan for Registration

- ▶ Registration URL :
<https://forms.gle/2MkWdfcmXAuW8qbWA>
- ▶ Registration Fees : 500 Rs.
- ▶ Payment details are available in registration form.

ISTE MEMBERSHIP

If any participant is not having life membership he/she may take the membership of ISTE via web portal <https://membership.isteonline.in>

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Applied Data Analytics : From Core Foundations To Interactive Data Insights

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Organized By
Department of
Computer Science & Engineering



Sant Dnyaneshwar Shikshan Sanstha's

**ANNASAHEB DANGE
COLLEGE OF ENGINEERING AND
TECHNOLOGY, ASHTA - 416 301**

(An Empowered Autonomous Institute,
affiliated to Shivaji University Kolhapur, Approved by AICTE, New Delhi &
Govt. of Maharashtra, Accredited by NAAC 'A++' Grade, Bangalore)



ABOUT THE INSTITUTE

The Annasaheb Dange College of Engineering and Technology (ADCET), Ashta is one of the iconic public institutions of higher technical education in Western Maharashtra, distinguished by its compassion to produce engineers with competence for improving the human condition and building the nation. Established in 1999, ADCET, Ashta is an Empowered Autonomous institute affiliated to Shivaji University, Kolhapur, Maharashtra and approved by AICTE, New Delhi. The institute is NAAC accredited with "A++" grade, ISO 9001:2015 certified and runs programmes accredited by NBA, New Delhi.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) offers B.Tech. program in Computer Science and Engineering and was established in the year 2001 with a sanctioned intake of 60. The department has a good combination of experienced and young faculties which works as a team to strengthen the department. The Institute launched its UG program in AI & DS and IOT & Cybersecurity in the academic year 2021–2022 with a 60-seat intake. Currently, the CSE department has a total intake of 180 and is functioning efficiently with a strong commitment to academic excellence, innovation, and overall student development.

STTP THEME

"Applied Data Analytics: From Core Foundations to Interactive Data Insights" is a Short-Term Training Programme (STTP) designed to equip faculty across disciplines with practical, data-driven analytical skills. The programme emphasizes accessible low-code/no-code tools, enabling participants to learn database querying, advanced spreadsheet analysis, business intelligence dashboards, basic automation, and AI-assisted analytics without extensive programming experience.

By integrating these competencies into teaching and research, faculty can modernize course delivery, strengthen data-driven decision-making, and develop industry-aligned curricula. The programme also promotes interdisciplinary collaboration and empowers educators to prepare students with skills relevant to today's data-centric professional landscape.

OBJECTIVE

Master Low-Code Tools: Gain practical skills in advanced spreadsheets, SQL, and BI tools (Power BI/Tableau) without programming expertise.

Apply Analytics & Automation: Create interactive dashboards and automate data workflows using Google Colab.

Leverage Generative AI: Use LLMs for prompt engineering, query optimization, and AI-assisted teaching and curriculum development.

TOPICS

- Foundations of Data & Sheets
- Spreadsheet Engineering Lab
- Data Summarization & Case Study
- Relational Databases & Architecture
- SQL Data Extraction Lab
- Advanced SQL & Grouping
- Business Intelligence (BI) Principles
- Interactive Dashboard Building
- Data Storytelling & Publishing
- Algorithmic Automation Logic
- Python Data Manipulation Lab
- Data Visualization & Parsing
- AI-Powered Data Productivity
- AI Co-Piloting Hands-On

RESOURCE PERSONS

Dr. Deep Gupta, VNIT, Nagpur

Dr. Annappa B., NITK, Surathkal

Dr. Mahipal Jadeja, MNIT, Jaipur

Dr. Nikhil Mhala, PRPPCOEM, Amaravati

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