



# One Day Workshop on Physics in Data Crafting Careers in Engineering, Data Analysis and Science



Organised by

Department of Physics

Sri Sathya Sai Institute of Higher Learning  
Anantapur Campus



College Building – II  
SSSIHL, Anantapur  
Campus



March 02, 2024



08:45 am – 04:00 pm



Resource Person: **Mrs. M. N. Sai Geetha**  
Principal Data Architect,  
TESCO, Bangalore

## PROGRAM SCHEDULE

08:45 – 08:48 am – Vedam

08:48 – 08:55 am – Welcome Address by Dr. C. Prathibha, Associate Head,  
Department of Physics

08:55 – 10:30 am – Introduction to Data as the new Oil  
Big Data – Opportunities and Challenges  
The Data World and Python  
Data Tools  
Data in Physics

10:30 – 11:00 am – Data Careers – Engineering, Analysis and Science

11:00 – 11:15 am – Tea Break

11:15 – 12:15 pm – Group Discussion and Activity

12:15 – 01:15 pm – Lunch

01:15 – 02:30 pm – Deep Dive to Data Analytics – a Use case

02:30 – 04:00 pm – Hands-on on Data Analytics with Pandas