



Sri Sai Vidya Vikas Shikshana Samithi®

# SAI VIDYA INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, affiliated to VTU, Recognized by Govt. of Karnataka.

Accredited by NBA, New Delhi (CSE, ECE, ISE), NAAC – “A” Grade

**DEPARTMENT OF CSE (Artificial Intelligence & Machine Learning)**

RAJANUKUNTE, BENGALURU – 560 064, KARNATAKA

Phone: 080-28468191/96/97/98 \* E-mail: [hodaiml@saividya.ac.in](mailto:hodaiml@saividya.ac.in) \* URL [www.saividya.ac.in](http://www.saividya.ac.in)



Date: 14<sup>th</sup> Mar 2025

## Report of SIX Days Workshop

On

**“Intuition Building on Machine Learning and Deep Learning”**



**SRI SAI VIDYA VIKAS SHIKSHANA SAMITHI®**  
**SAI VIDYA INSTITUTE OF TECHNOLOGY**  
APPROVED BY AICTE, NEW DELHI, AFFILIATED TO VTU, RECOGNIZED BY GOVT. OF KARNATAKA  
ACCREDITED BY NBA, NEW DELHI (CSE, ECE, ISE), NAAC – ‘A’ GRADE  
RAJANUKUNTE, BENGALURU - 560064, KARNATAKA.



**Department of CSE(Artificial Intelligence & Machine Learning)**



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



IEEE  
BANGALORE SECTION



IEEE  
Computational  
Intelligence  
Society



COMPUTER SOCIETY OF INDIA  
ESTD 1986

*In Association with*  
*Analogica Software Development Pvt.Ltd,Bengaluru*

**RESKILL AND UPSKILL WORKSHOP SERIES....**  
*On*  
**“Intuition Building for  
Machine Learning and Deep Learning”**  
*From Beginner to Expert Level*



**Resource Person**  
**Vijay Shanthagiri**  
Data Scientist | Mentor | Founder-  
Certisured & Analogica, Bengaluru



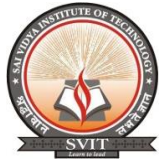
**Faculty Coordinators:**  
Ms.Shail Kumari Shah  
Mrs. Reshmi S

**5th to 7th March, 2025**  
**10th to 12th March, 2025**  
**Venue : Seminar Hall, 235**

**Dr. T G Manjunath**  
Prof & HOD, Dept. of CSE (AI & ML)

**Dr. A M Padma Reddy**  
Additional Director, SVIT

**Dr.M S Ganesha Prasad**  
Principal,SVIT



Sri Sai Vidya Vikas Shikshana Samithi®

# SAI VIDYA INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, affiliated to VTU, Recognized by Govt. of Karnataka.

Accredited by NBA, New Delhi (CSE, ECE, ISE), NAAC – “A” Grade

**DEPARTMENT OF CSE (Artificial Intelligence & Machine Learning)**

**RAJANUKUNTE, BENGALURU – 560 064, KARNATAKA**

Phone: 080-28468191/96/97/98 \* E-mail: [hodaiml@saividya.ac.in](mailto:hodaiml@saividya.ac.in) \* URL [www.saividya.ac.in](http://www.saividya.ac.in)



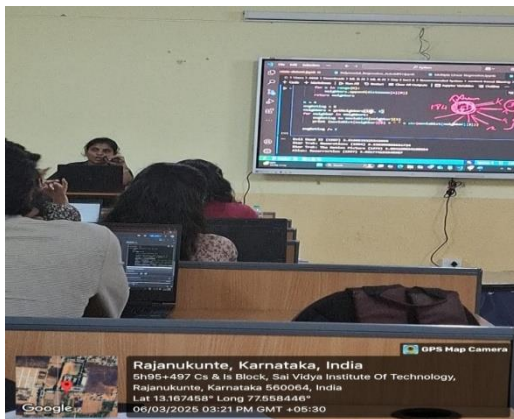
## Workshop on

### “Intuition Building on Machine Learning and Deep Learning”

In the first day session Mr. Vijay Shanthagiri, Data scientist, Founder & CEO, of Analogical software development Private Limited, Bangalore and Certisured.com shared the concept of statistics, different types of machine learning and how statistics plays an important role in Machine Learning and implementation of Linear and polynomial regression using python libraries.

In the second day Mr. Vijay Shanthagiri explained the Implementation of Linear and polynomial regression, SVM and KNN using python libraries.

In the third day Mr. Vijay Shanthagiri gave the introduction to probability concepts, unsupervised learning and deep learning.



Faculty Coordinators:

Prof. Shail Kumari Shah *Shail Kumari Shah*

Prof. Resmi S *Resmi*

HOD

Head of the Department  
Department of CSE (AI & ML)  
Sai Vidya Institute of Technology  
Rajanukunte, Bengaluru - 64.