



SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(Autonomous)  
**SREESAINATH NAGAR, TIRUPATI-517 102, INDIA**

### **LEADING INDIA.AI PROJECT - ZONAL LEAD INSTITUTION**

University College, London, Brunel University, London and Bennett University, India have collaboratively proposed the LeadingIndia.ai, a nationwide initiative on “AI and Deep Learning skilling and research”. This project is supported by many industry partners including NVIDIA, AWS Educate, Videoken, and Edvantics. Sree Vidyanikethan Engineering College is one of the Zonal Lead Institution of this project.

Industry all over the world is facing huge scarcity of trained manpower in machine intelligence. Hence the main objective of this initiative is to skill the budding engineers to work in advanced data science, image processing, and video analytics projects. As an active member of the project, SVEC has setup a research group, carrying out research projects and training programs in the area of Machine Learning, AI, and Deep Learning.

Further to strengthen the activities of the research group SVEC have developed advanced computing infrastructures. The group has conducted numerous training programs including workshops, Faculty Development Programs, and Summer Internship on Applied AI, Machine Learning and Deep Learning. The training programs have exposed the cutting edge technologies in the field of AI and Deep Learning to 200 young faculty, and 1000 students approximately.

#### **COMPUTING FACILITY:**

Server Model - PowerEdge R740

2 x Intel Xeon Silver 4214 2.2G, 12C/24T, 9.6GT/s, 16.5M Cache

2 x NVIDIA Tesla P4 8GB GPU, Passive

2 x 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive

8 x 32GB RDIMM, 2933MT/s, Dual Rank

Server – Lenovo ThinkSystem ST550 (Xeon Bronze 3106 1.7 GHz, 2TB HDD, 40 GB RAM)

Workstation – Lenovo ThinkSystem – 10 Nos.