



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Laboratory Equipment – ADVANCED ALGORITHMS LABORATORY

This laboratory is designed to facilitate the design, implementation, and analysis of advanced algorithms. It supports hands-on learning in areas such as dynamic programming, greedy methods, optimization techniques. The configuration of hardware and software used details are as follows:

- 1. Software installed:** Computer systems installed c & c++.
- 2. Connectivity:** 1000Mbps internet and LAN connected to campus server.
- 3. Laboratory Equipment:**

| S. No | Item | Make | Quantity |
|-------|--|--------|----------|
| 1 | Desktop Computer Systems: Lenovo Desktop TC NEO SOS 12JES1DG00 Processor: GEN 4 I5- 13400(3.3.GHZ, 20MB) Storage: 256 GB SSD RAM: 16 GB DDR4 Display: Lenovo S22E-20 21.5” Monitor | Lenovo | 30 |
| 2 | Software (Open Source): C/C++ compilers (GCC) | | 30 |
| 3 | Computer Chairs | | 30 |
| 4 | Single I/O Outlets | D-Link | 30 |
| 5 | Patch Panel | D-Link | 02 |
| 6 | Data Switches - | CISCO | 02 |
| 7 | Hub Rack | - | |
| 8 | LCD Projector with 1 Screen and One Mount Kit | EPSON | 01 |
| 9 | Air Conditioners (1.5 Ton) | Daikin | 02 |
| 10 | UPS – KVA Capacity | MPS | 01 |
| 11 | Modular Computer Workstations | | |

Date:

HOD

Computer Science Engineering