



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE,EEE,ME,ECE,CSE,EIE,IT,AME, M.Tech. STRE, PE, AMS, SWE Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF (2022) 113th Rank in Engineering Category
College with Potential for Excellence by UGC, JNTUH-Recognized Research Centres:CE,EEE,ME,ECE,CSE
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Department of CSE –AIML &IoT Details of Laboratories

PROGRAMME: Computer Science and Engineering (IoT)								
S.No	Room No	Name of the Lab	No. of Units required	System Name(Make/Model)	Processor	RAM	HDD	Name of the Software Usage
1	B004	Embedded GPU Laboratory	36	HP PRO TOWER 280 G9 RCTO PC1	I7	8GB	1TB	Codeblocks, NVIDIA Jetson Nano Developer Kit-B01
2	C004/1	Computer Networks Laboratory	36	HP PRO DESK G7 MICROTOWER PC, DELL VOSTRO 3888 DESKTOP	I7	8GB	1TB	JDK, Codeblocks, Star UML
3	C004/2	Database Management Systems Laboratory	36	HP PRO DESK G7 MICROTOWER PC, DELL VOSTRO 3888 DESKTOP	I7	8GB	1TB	My SQL, HTML, MS Office, Python, LATEX, Codeblocks, R and Power BI
4	C205	Python Programming Laboratory	36					Python
5	P203	1.Embedded System Design Laboratory 2.Introduction to IoT Lab	36	LENOVO S510 T DESKTOP	I5	8GB		Keil IDE, ARM Micro Controller Development Board
6	P202	1.Sensors & Devices Laboratory 2.IoT Protocols Labopratory	36	LENOVO S510 T DESKTOP	I5	8GB		Arduinio IDE and Tinkercad