



DhaneKula Institute of Engineering & Technology

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)

Internet/Intranet Usage Policy (2017-2018)

(Wired and wireless)

Internet Facilities

Total Band width: 106 mbps

Provider Name	Speed (mbps)	Type
NettInx	70	1:1
BSNL	6	1:1
BSNL	30	Bundled

Infrastructure Details

Number of Desktops	982	Total : 1003
Servers	011	
College Lap Tops	010	
No. of <i>Wi-fi</i> access Points	40	

Internet Usage Time

Type of Access	Not Open	Through authentication
24 x 7 access through either wired/wireless	All Staff Rooms – Departmental Conference Rooms – Project Labs – Library – Departmental Admin Rooms – Exam Section – College Admin Office – Principal Room – Chairman Room – Auditorium – NCC & NSS Rooms – Board Room – Seminar Halls – Committee Rooms – Data Center – Biometric Devices	100 Nodes (approx.)
For Students	Any time 24 x 7 access except lecture hours <i>i.e</i> 9.00 AM to 12.30 PM and 2.00 PM to 4.30 PM through wi-fi	Minimum of 150 users connected in between 12.30 to 2.00
In Labs	All nodes are connected with both internet and intranet. Intranet is available during lab working hours. Provision of internet access in all computer nodes in all labs and based on prior information received from the respective department. Datacenter provides internet access to all required nodes in their respective departmental lab.	900 Nodes (approx.)

Nodes Connected Status (approx.)

	8.00 – 6.00	10.00 – 1.10	12.30 – 2.00	2.50 – 4.30	After 4.30
Nodes Connected through wired	100	190	100	230	120
Nodes Connected through wireless	40	40	170	50	100
Number of devices connected through either wired/wireless	140	230	270	280	220

Analysis:

It is clearly observed that at any point of time the maximum number of devices/nodes are connected is 280. So, our firewall CR-200ing supports a maximum of 340 to 360 users with 3,200,000 concurrent sessions.



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