Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

Criterion 4 – Infrastructure and Learning Resources

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Sr. No.	Title
1	Response
2	Updates in IT Facilities
3	Details of IT Facilities
4	Details of Computing Facility
5	Details of licensed System and application software
Link for Document	https://www.rajgad.edu.in/AQAR21-22/Cr4/4.3.1.pdf

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

1. Response:

The Institute has deployed IT infrastructure and Applications development for Academic and Research support. The connectivity through a fully networked campus with IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, uploading and downloading of web based application, besides helping them in preparing projects & seminars.

The college has established a high speed campus wide network that connects all its departments consisting of 369 systems. A fully distributed computing environment based on clusters of workstations and PC's provides the users ready access to computing resources, services software and applications.

Internet connectivity and Wi-Fi: The campus has been enabled internet service with 60 MBPS bandwidth with 24x7 supports, providing anytime anywhere access to learning and knowledge resources for students and faculty. Campus is equipped with Wi-Fi facility with **20 Wi-Fi** access point. The internet bandwidth is enhanced from 45 Mbps to 60 Mbps over last 5 years, to manage the academic and research activities.

Computer center: The institution has a separate computer center with **65 PC's** which is used by students and for conduction of online University examinations.

ICT Tools: The institution has implemented different information and communication technology tools like smart classroom, interactive board, LCD projector, internet, Wi-Fi, Google Application like Google Classroom for sharing teaching material, Google form for conduction of online examination and student's feedback. Google meet, zoom meeting and Microsoft Team these online platforms are used to conduct webinars and lectures. ERP for education management and planning, bulk SMS service for communication with student, parent and faculties.

Open source: Institution has open source software like Ubuntu 14.04 LTS, 16.04, 18.04, Net beans IDE 6.8, Eclipse, Python 3.6, Flex, Bison, Open JDK 7, My SQL, Firefox 57.5, and Fedora.

4 Details of Computing Facility

Sr. No.	Item	Quantity
1	Desktop Computers	369
2	Servers	1
3	Laptops	2
4	Black & White Laser Printer	18
5	Plotter	1
6	All in One Printer	6
7	Color printer	2
8	LCD Projector	14
9	Scanner	2
10	Finger Print Scanner	1
11	Barcode Scanner	1
12	Digital Copier	2

5 Details of licensed System and application software:

Sr. no.	Name of Department	Name of software	Date of purchase	Number of users	Amount
1	ERP	http://app.cloudeducationerp.com/rajgad	07/11/2017	Multiuser	5,31,000/-
2	All Campus	Digital Language Lab	05/01/2016	20	68,250/-
3	Account Office	Tally	01/10/2015	Multiuser	50,400/-
4	Electronics and Telecommunication	MAT LAB	09/06/2014	20	5,99,722/-
5	All Campus	Windows 8.1	06/05/2014	75	4,95,862/-
6	Electronics and Telecommunication	MULTISIM	24/03/2014	10	2,55,150/-
7	Electronics and Telecommunication	MICROWIND	09/08/2012	10	4,59,333/-
8	Electronics and Telecommunication	TRITON	30/07/2012	05	1,35,000/-
9	Mechanical Engineering	ZW CAD	06/01/2010	50	1,22,500/-

3 Details of IT Facilities

A. Details of LAN Facility

Name of the Internet provider	Ekdant Communication Pvt. Ltd.
Available bandwidth	60 MBPS
Access speed	60 MBPS
Availability in most computing labs	All
Availability in faculty rooms	Yes

B. Details of Wi – Fi Facility

Name of the Internet provider	Ekdant Communication Pvt. Ltd.
Available bandwidth	60 MBPS
Access speed	60 MBPS
Availability in most computing labs	All
Availability in departments and other units	All
Availability in faculty rooms	Yes

2. Updates in IT Facilities

Sr. No.	IT Facilities	Prior	Existing	Updated On
1	Lease Line	52 MBPS	60 MBPS	30/04/2019
2	Pc's Connected to LAN	231	369	30/04/2019
3	Internet switches	20	23	09/04/2019
4	Interactive Board	Nil	5	20/03/2019
5	Multimedia Projector	9	14	20/03/2019
6	Printers	23	28	19/09/2018
7	Graphics Card	Nil	3	27/06/2016
8	Wi-Fi Access Point	Nil	20	25/06/2016
9	Network Updation	Class C Networking	Class B Networking	07/05/2014
10	CCTV	Nil	2	27/03/2014
11	Finger print TA	Nil	1	03/01/2014
12	Internet Router	Nil	1	23/06/2011
13	IBM Server	Nil	1	29/10/2009