# 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Sr. No.	IT facilities	
1	Network Equipment	Routers, data packets to their intended IP addresses
2	Telecommunication Services	telegraph, telephone, Video telephone, closed computer networks and access to internet
3	Computing	Application Server, Database server
4	Power	power supply by 'BEST', solar panels
5	Computing Platforms	Cloud platform data analytics and machine learning
6	IT services	For data backup
7	Information Security	Virus detection, antiviral CDs
8	Vigilance Facilities	CCTV surveillance system
9	ICT enabled classrooms	21
10	ICT enabled Laboratories	23
11	WI-FI	WIFI campus, multiple devices in a 8 stories building of the Institute
12	ICT facilities are maintained by	Technical staff of college
13	Internet Services	JIO with 36 mbps

Thekur Shyamnara (an Degree College 905 Road, Thakur Complex, Kandivali (E), Mumbai - 400 101.



# 4.3.1



### 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

It facilities are the basic hardware, software, networks and facilities upon which an organization information technology services are built. This college is having excellent IT facilities which help to enhance the teaching and learning process. IT facilities in this college are as below.

- 1. Network Equipment- Network Equipment's in this HEI are like the routers. There are many routers, eight storied building of college. It connects the three colleges in campus (Thakur Polytechnic, Thakur Aviation and Thakur Shyamnarayan Degree College). Each router serves and manages internet traffic between the networks by forwarding data packets to their intended IP addresses. The routers in HEI allows multiple devices to use the same internet connection.
- 2. Telecommunication Services- This college is having upgraded telecommunication services it connects to the Internet and HEI facilities it includes the telegraph, telephone, Video telephone, closed computer networks and access to internet. Up to mark telecom services helps the HEI to exchange of information over significant places in HEI by electronic means and refers to all types of voice, data and video transmission.
- 3. Computing- HEI has computing hardware such as servers and basic software such as OS (operating System), HEI has Application Server, Database server as well as dedicated servers for computing.
- 4. Power- Electric power is basic need of IT facilities Institute has Electrical power supply by 'BEST' in Mumbai. It also has solar panels. IT generates considerable electrical energy. It used as backup at the time of power failures.
- 5. Computing Platforms- Institutes has cloud computing services which shows high performance infrastructure for data analytics and machine learning.
- 6. IT services- College has basic IT services such as data backup.
- 7. Information Security- Virus detection, antiviral CDs for protection reflects into information security in IT system to run. It also ensures the safety of Informational data of Institute.
- 8. Vigilance Facilities- The college campus, classrooms, laboratories administration areas, auditoriums, facilities area are under the CCTV Vigilance.

The CCTV are installed across the every area to monitor the campus activities. The CCTV surveillance system is with Day and night recording. The recording is having up to 3 days data, Thereafter, if not taken backup, it would be get AutoDetect to record the next vigilance data. IT Facilities in terms of CCTV helps to discipline and every activity in order.

- 9. ICT enabled classrooms- 13 classrooms in college has well equipped with interactive, multimedia smart boards, 4 classrooms are having LCD display IT facilities are strong Consideration. Rests of 4 classrooms are with LSM for teaching learning Process advance form.
- 10. ICT enabled Laboratories- over 23 Laboratories in HEI with ICT devices as internet connectivity (WAN, LAN) PCs, WI-FI connectivity shows Institutes inclination towards the ICT facilities to provide better delivery of teaching and Learning.
- 11. WI-FI- This Institute has WIFI campus. The Wireless router supplies Internet Connection that is shared with multiple devices in a 8 stories building of the Institute. WI-FI gives to stakeholders (Teachers, students and Employees, Parents etc.) the flexibility to stay connected with the internet as long as the stakeholders are within the range of WI-FI network Coverage area. The Institute has the WI-FI of Jio Services. The Reliance JIO Infocomm Limited provided Jio ultra speed wiring and wireless services. The Jio allowed to access to service with control of Digital Spaces, landing Page(s), Login flow page(s) and JIO's Website(s). Thus, the Jio Digital Life Provides Wi-Fi to all parts of the premises including facilities, existing ducts, pathways, raceways, shafts, entrance link, rooftop and building infrastructure including library and e- library.
- 12. ICT facilities are maintained by technical staff of college. HEI has Lab assistants, trained wireman to regular maintenance of ICT facilities.



Date: 07-07-2018

In.

Thekur College Authority.

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Kandivall-West.

Sub-Trenching Permission Required for CFC Laying Termination & Cable Testing work inside your building area premises.

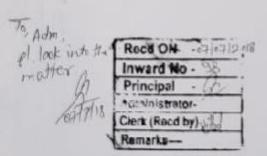
Dear Sir/Nam.

We are Executing College Wilfr in your college premises. To connect we required permission for work which is mention heliow.

- 1> We require 1) not frenching permission in Your Building Promises for Cable Laung Zero Min. til ODC, termination & Testing in our equipment which is kept terrace.
- 3.9 Fiber Cabir pulling from ground floor to terrace & 2<sup>rd</sup> floor( Server rodes).
- 3> Fiber cable blowing from ground floor to some room, server room to 4th, 5th & 6th floor in your neisting that.

After Complete Our Treaching Work We Restory as it is

Request you to please allow team in Your college camput.





DIGITAL 0 .......................

#### TERMS AND CONDITIONS

#### 1. Grant

1.1. The Granor hereby grants the locate to certif. Relance Jo-infocom Limited ("Jio") and Jio agrees to use the right to:

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- indepotent jumiled (\* 26°) and also agrees to use the right 10°. Deploy, last, 16 years, last, operation, operated, mornish and or otherwise use (\*Commissioning or Commissioning\*) any or all of last malarises. Below, a fine of equipment(\*), (\*Privisesulation\*), regulated to establish mad provide any or at of the sinclust services by also, including selection and were written to extraordinations services (the derivises), from and foul of and which the commissionation services (the derivises), from and foul of and which the commissionation is the commissionation of commissionational. Premises, together with the list of the infrastructure Commissioned by Jin therein will be documented & signed by the Grando and Jin after completion of the Commissions
- Appears to all parts of the Prainings, including decisters, existing ducts, pathways, increways, shafts entrance link rooftop and building wiring doors, cable trays, basements, terraces, etc. obtained areas for the purpose of Commissioning and maintenance of the infrastructure on 24x7x365 basis:
- Conduct promotions activities such as betting up kinys / helpideshist, organizing anomines camps / matchines by the occupants within the Promoses, on need beauty (2) + 14

## 2 Right of Jis

- 2.1 To use the Premises by hard and or through its Affiliates, which, blenctly or indirectly controls or is controlled or unally the common control of extractions, of college.

  2.2 To restrict or suspend aclass to inside
- lesting technical regain, maintenance, upgrade, or for any other reason
- Mich access to Services only based on processes defined by Jio subject to terms and conditions of such Services. sailly as perapplicable Government regulations, guidelines, directions, terms and conditions of the Unified License insued by DoT. TRAI and shall have
- the right to restrict any unauthorized usage.

  To relain ownership and control of all Digital spaces, lockding but not larked to Leading Plageto, Login Flow Plagets; and John website(s). Customer Details and usage information.
- To be the exclusive provider of its Services through its infrastructure from the Premises, unless otherwise agreed.

  To enjoy the benefits of the livenue to use the Premises per trains and
- conditions agreed herein, as long as the license is valid, unless Jo.
- surrenders the Idense wher providing minimum thing (30) days prior intimation in writing to the Gravitivi or otherwise mutually agreed. To essign or twoster the rights and obligations under the Agreement in favor of any person or entity.

#### Obligations of Granter

- 3.1 To provide Jio with the space standard and earninated in the Promises for use by Jio (septice uninterrupted verificially and markets level for the Commissioning and marketsance of the infrastructure, recuting great of night of way.

  3.2 To amount due and sufficient impaired for the safety and security of the infrastructure within the Premises.
- 33 To provide uninterrupted power supply with required back up to Jio for marrialring and operating its WiF & Small Cell services, without
- Granton by Aself or through its Authorized Person will be responsible for any or all consents and permanene. If any required from any third parties, for and in retation to the grant of the license.

#### 4. Ownership of infrastructure

4.1 The infrastructure, as Commissioned, shall always remain the absolute properly of you. Jic prone shall have the right to modify, regrade, upgrade. remove, operate and maintain the same.

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- 4.2 In case of insurance claims, by Jip, due to theft or damage to any part of the infrastructure, the Grantor will assist Jio in every possible transer with respect to the same.
- 4.3 Jo shall not be responsible for any damages caused to the Premises or any body many / death caused to any person in any manner, due to the infrastructure. Commissioned in the Premises. for issued out.

- 5.1 Apart from the Granton's agreement to grant license and Jib's agreement to use the Principes, unless otherwise agreed, the Granton and Jib expressly confirms that there will be no monetary consideration, payable.
- 52 To assure that
  - assures that it shall build over, operate, and markeys the infrastructure in the Pranticion including maintenance and report. It shall take reasonable care to ensure that the Commissioning process is cared out with minimal infrusion and that the normal functioning of the Premises is.
- All Commissioning genaning to the infrastructure shall be at your
- 5.3 Any request for recomion of the deployed Whathvolume shall be considered on case to case basis subject to technical leasibility and without affecting the quality of services and on approve from Jo's learn.
- 8.4 Grantor represents than its obligations will devolve on its successors and
- 5.5 In his event will no be liable for any species, incidental, indirect or consequence demages, bases or planns of any nature whatsower, whether is not connact or otherwise inducing loss of profit.

  5.6 Jo shall indemnify and keep indemnified the Crambo against any actions.
- claims proceedings, losses, which the Grantor may suffer due to any act or omission of Jo in complying with rules and regulations of the Municipal coal authorities in connection with the installation of its infrastructure in the Phemises.
- 5.7 The Grantor shall indemnify and keep indemnified Jid against any actions, planns, proceedings, losses, which Jio may suffer (i) due to any act or centre, procesorigit, rossey, which yo may some you be to any act of emission of the Crimation complying with the rules and resignificance of Municipal Local authorities, hon-payment of any visions, levies, sec. with respect to the Premises (in) an account of any design, levies, sec. with with inspect to the Premises (in) any lateitly for any commitment made by the Grantin or a Origination (in) any lateitly for any commitment made by the Grantin or a Origination (in) any lateitly resident production of sec. as to non-deduction-short-deduction of tax at section by Job Storm an emission and resident to proamount paid / credited to the Grantor, and (v) any carm from third parties.
- If any, under this Agreement. 5.6. Any dispute of any nature arrang out of, or in relation to, the terms and ponditions of this license shall be settled through arbitration in accordance the with the provisions of the Arbitration and Conclusion Act, 1996. The seat of arthrapon will be Muvicel and the award passed by the arbitrator(s) will be binding on all perties to this document.
- 5.0 The Parties and this agreement shall be governed by the laws of botal, and shall be subject to exclusive jurisdiction of courts in the city of Mumbel
- 5.10 These Terms and conditions, dutails of Intrastructure Installed are and shall always form an irrogral part of the Form

Thakur Polytechnic Thakur Complex, Kandivali (E).

Mumbai - 400 101.

Signature

05/05/18

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DR. S. M. GANECHARIA

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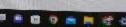
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Mumbai, Maharashtra, India

thakur polytechnic, 90 feet road, opposite Karnataka Bank, Kandivali, Thakur Complex, Kandivali East, Mumbai, Maharashtra 400101, India Lat 19.213805\*

Long 72.864869"





