### JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

### CRITERION 4 - INFRASTRUCTURE AND LEARNING RESOURCES 4.1

### **Physical Facilities**

#### 4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching learning, viz., classrooms, laboratories, computing equipment etc
- ICT enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

### JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune

# The details of the facilities for teaching learning

	For existing intake			
Particulars	Nos.		Area	
Particulars	Required	Available	Required	Available
Class Rooms	15	20	990	1320
Tutorial Rooms	4	5	132	165
Tutorial Rooms (PG)	2	2	66	66
Laboratories	42	61	2772	4089
Laboratories (PG)	2	2	132	132
Research Laboratory (PG)	1	1	66	75
Drawing hall	1	1	132	132
Workshop	1	1	200	332
Seminar Hall (UG & PG)	1	4	132	528
Computer Centre	1	1	150	150
Library and Reading Room	1	1	500	600

### 1. Instructional Area (Carpet Area) in Sq.M.

2. Administrative Area (Carpet Area) in Sq. M.

	For existing intake			
Particulars	Nos.		Area	
	Required	Available	Required	Available
Principal/Director Office	1	1	20	72
Board Room	1	1	20	66
Office all inclusive	1	1	150	150
Department Offices	5	6	100	120
Cabins for Head of Departments	5	6	50	60
Faculty Area	5 Sqm per Faculty		435	455
Examinations Control Office	1	1	30	66
Placement office	1	1	30	74

Central Stores	1	1	30	44
Maintenance	1	1	10	20
Security	1	1	10	10
House Keeping	1	1	10	33
Pantry for Staff	1	1	10	10

#### 3. Amenities Area (Carpet Area) in sqm

	For existing intake			
Particulars	Nos.		Area	
	Required	Available	Required	Available
Toilets (Ladies & Gents)		23	150	350
Girls Common Room	1	1	75	100
Boys Common Room	1	1	75	75
Cafeteria	1	1	150	210
Stationery Stores & Reprography	1	1	10	10
First Aid Cum Sick Room	1	1	10	10

#### 4. Details of Computer Facilities:

Sr.	Courses	No of P-IV	Latest Configuration	Peripherals
1	Computer Engg	264		22
2	Information Technology	115	P-IV,	11
3	Electronics& Tele. Engg.	87	4 GB RAM, 500GB	7
4	Mechanical Engg.	55	HDD, OPTICAL MOUSE,	6
5	Computer Centre	45	KEYBOARD, INTEL	7
6	Electrical Engineering	52	DUAL CORE 1.7GHZ,	5
7	Lib+office+staff+hostel+WS	26	TFT MONITOR	8
	TOTAL	644		66

5. Internet Facility Details:300 Mbps leased line Content Ratio: 1:1 (ISP provider –Tata Telecom),Campus WiFi available.

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

# DEPARTMENT OF ENGINEERING SCIENCE



# 4.1.3 Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

### JSPM's BSIOTR Department of Engineering Science Geo tagged Photos of ICT Enabled Classroom and Laboratory



Room No. 510 Engineering Physics Laboratory

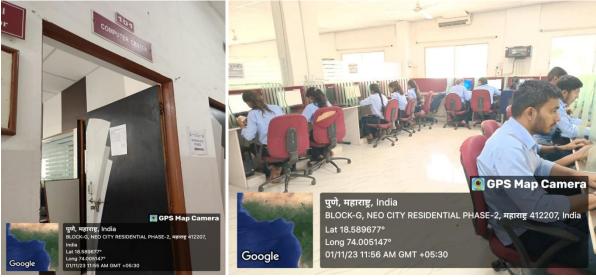


**Room No. 509 Electrical Engineering Laboratory** 

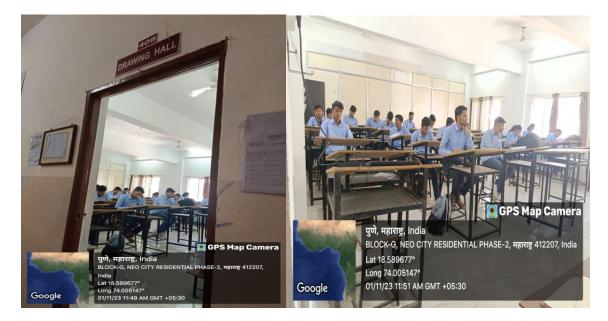
5



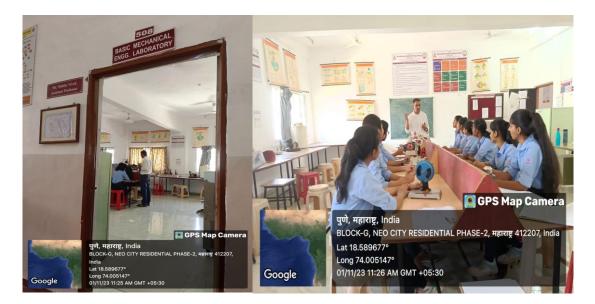
Room No. 405 Engineering Mechanics Laboratory



Room No. 101, PPS Laboratory



Room No. 408, Drawing Hall



Room No.311 Basic Mechanical Engineering Laboratory



Basic electronics laboratory 511



Room No. 509 Engineering Chemistry Laboratory



Class Room 512, Smart TV



Class Room 504, DIV A



Class Room 504, DIV B

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

# DEPARTMENT OF ELECTRICAL ENGINEERING

## 4.1.1 INFRASTRUCTURE AND OTHER FACILITIES





Google

💽 GPS Map Camera

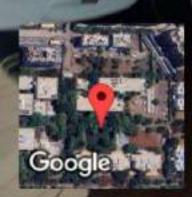


Google

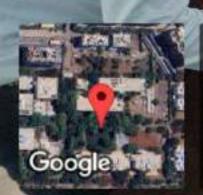
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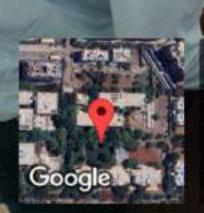
💽 GPS Map Camera



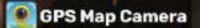
GPS Map Camera



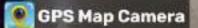
GPS Map Camera



GPS Map Camera









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**GPS Map Camera** 



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112

GPS Map Camera





Library & Reading Hall



VC Room

**Central Computer Lab** 





**Football Ground** 

**Cricket** Ground



### **Basketball Ground**

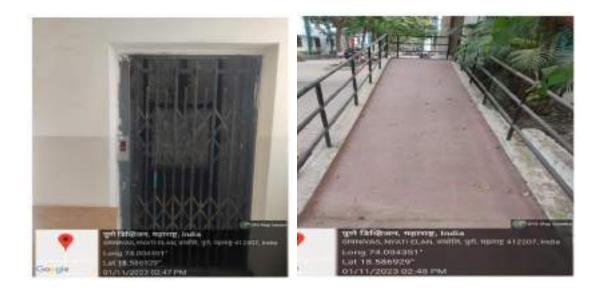
**Volleyball Ground** 





**Sewage Treatment Plant** 

Water Treatment Plant



Lift

Ramp

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

# DEPARTMENT OF INFORMATION TECHNOLOGY ENGINEERING



Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

# **Department of Information Technology**

4.1.1 The Institution has adequate infrastructure and other facilities for, teaching – learning, viz., classrooms, laboratories, computing equipment e.t.c. ICT–enabled facilities such as smart class, LMS etc.

# Linux Lab





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

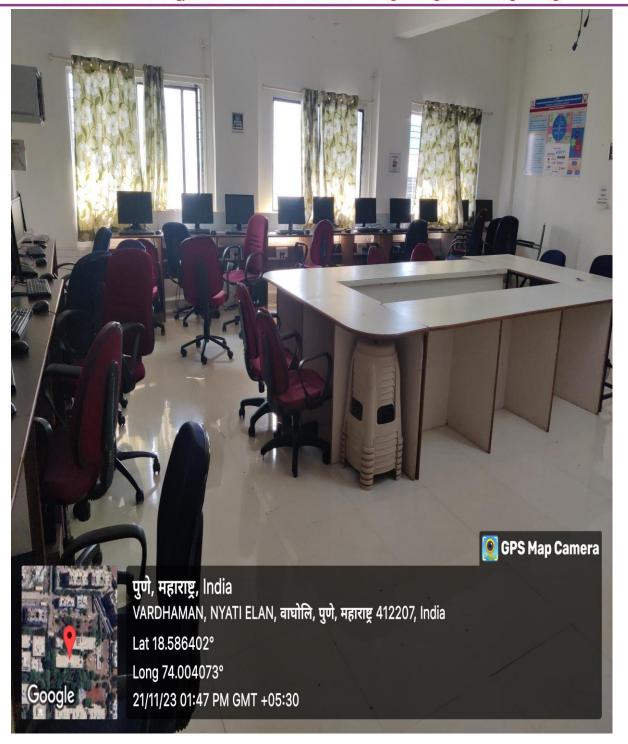
**lission:** "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"



30



National Board of Accreditation (NBA), New Delhi. Accredited Programs: Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering





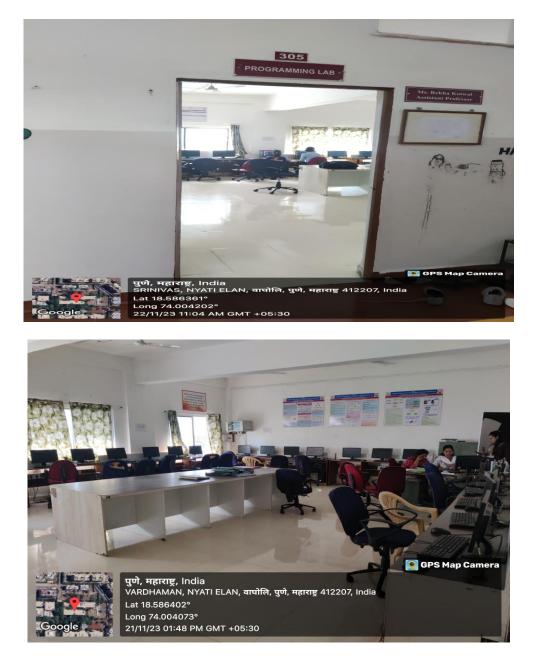
Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

**lission:** "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"





### **Programming Lab**





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

Alission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"

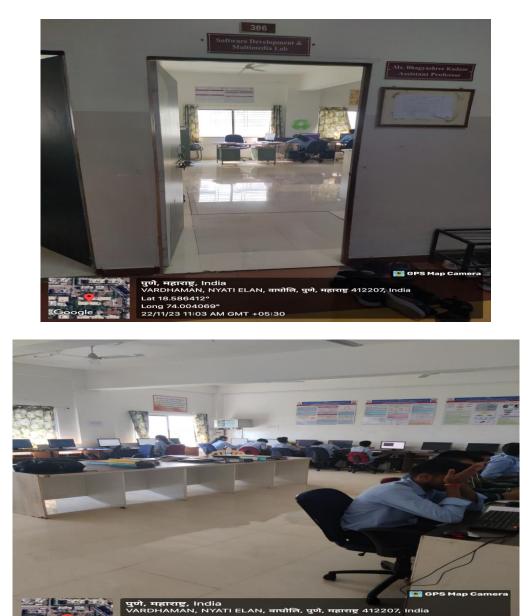


32



Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru National Board of Accreditation (NBA), New Delhi. Accredited Programs: Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering

### Software Development & Multimedia Lab





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

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Alission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"



33



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# Project Lab





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

Alission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"





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### **Network Lab**







Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

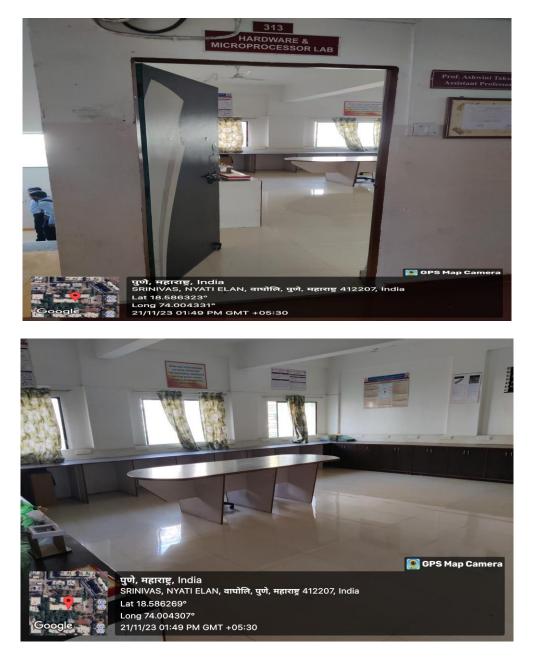
Aission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"





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### Hardware & Microprocessor Lab





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"

Alission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"





## Communication & IASL Lab







Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"





## Seminar Hall







Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"





## **Tutorial Room**





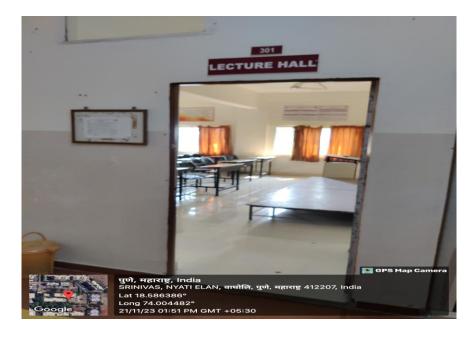


Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"





# Lecture Hall







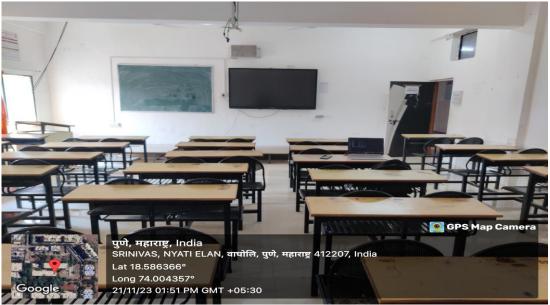
Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"





# Lecture Hall







Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"



JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

# DEPARTMENT OF COMPUTER ENGINEERING



Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru and National Board of Accreditation(NBA), New Delhi.

Classrooms





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"



Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare the for all and moral Standards"



Laboratories





Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"



Mission: "To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare the representation of a certain standards for a contract of the standards of the





O.D.

Computer Engineering Department ISPM's Bhivarabai Sawant Inautore of T Technology & Research Wagholi, Pune- 412 207



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"



JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

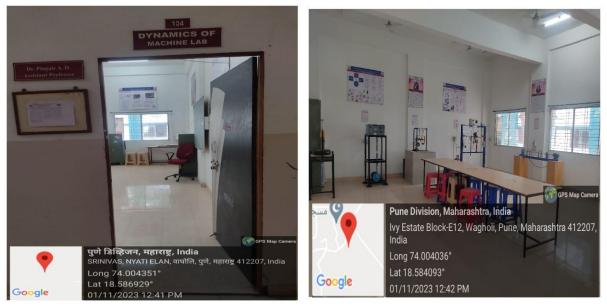
# DEPARTMENT OF MECHANICAL ENGINEERING



# **Department of Mechanical Engineering**



**Theory of Machine Laboratory** 



**Dynamics of Machine Laboratory** 

**4**7



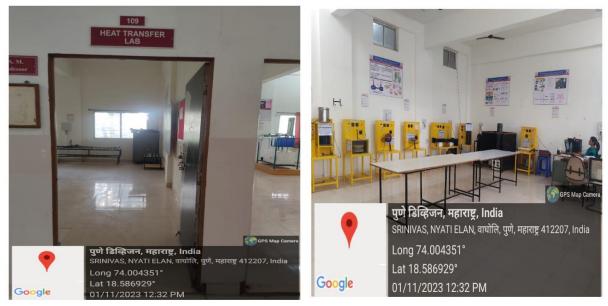


**Industrial Fluid Power & Mechatronics Laboratory** 



I.C. Engine Laboratory





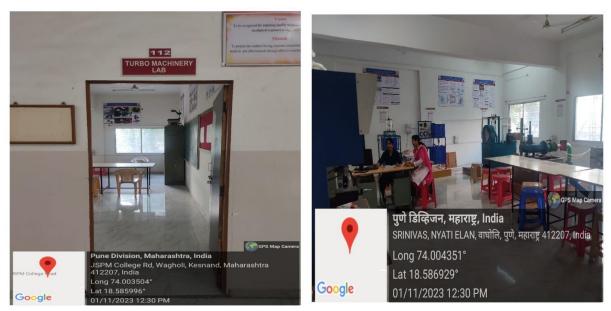
### Heat Transfer Laboratory



**Fluid Mechanics Laboratory** 

**4**9





**Turbo Machinery Laboratory** 



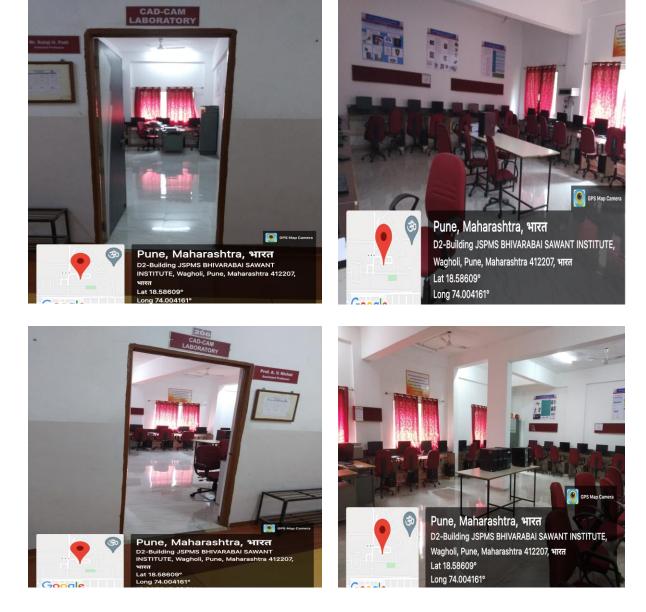
**Applied Thermodynamics & RAC Laboratory** 



B.E. (Elec.) PGDM, Ph.D Founder Secretary

Telefax : 020-67335100 Website : www.jspm.edu.in / www.bsiotr.org EN 6311 / CEGP-013100





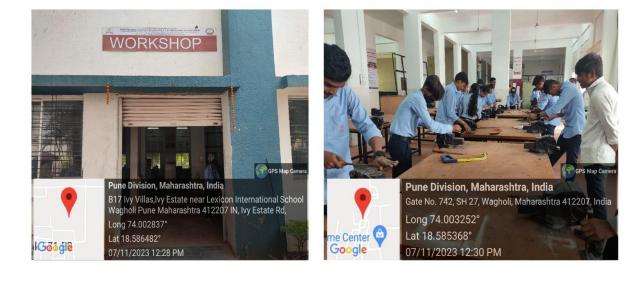
**CAD-CAM Laboratory** 

<del>51</del>



Principal

52





Workshop





**Lecture Hall** 

<del>53</del>

JSPM's Bhivarabai Sawant Institute of Technology & Research, Wagholi, Pune (412207)

# DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING



**Department of Electronics and Telecommunication Engineering** 4.1.1 Geotagged photos of classroom with LCD, smart board



Class 1(Room No. 214) with LCD



Class 1(Room No. 214) with LCD



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development'







Class 2(Room No. 203) with smart board

### 4.1.1 Geotagged photos of laboratories with students performing experiments

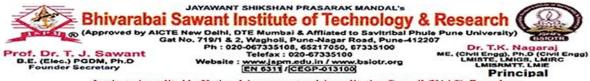


1) Software Lab



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development'







2) PLC Lab



3) RMT Lab



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development"







Software Lab



#### 4) Lab as Museum



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development'









18.5860795° Local 11:27:22 AM GMT 05:57:22 AM

### 5) Network and Power Lab

Altitude 599 meters

Friday, 02.06.2023



6) MIOT Lab



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperity through technoeconomic development" 

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7) VLSI and Embedded System Lab



8) Project lab

HOD(E&TC) BSIOTR, Wagholi

Electronics & Telecommunication Dep Bhivarabai Sawant Institute of Technology & Research



Vision: "To Satisfy the aspirations of youth force, who want to lead the nation towards prosperty Ruber 412,207 economic development"

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship For all aspiring Students, which will prepare them to face global challenges maintaining high ethical and moral Standards"



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