



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra  
And Affiliated to University of Mumbai

## Research and Incubation Center


### List of Computer and Software

Sr. No.	No	Motherboard	Processor	Ram	Hard Disk	SMPS	keyboard	Mouse	LCD/ LED	Software
1	VIT/COM/OLD/C304/557	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	<b>Operating System:</b> Microsoft windows 7, <b>Application Software</b> : Microsoft Office 2013/ 2016, Adobe Acrobat Reader, Google Chrome, Winrar
2	VIT/COM/OLD/C302/544	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	
3	VIT/COM/OLD/C302/510	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	
4	VIT/COM/OLD/C303/523	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	
5	VIT/COM/OLD/C302/505	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	
6	VIT/COM/OLD/C303/524	GA-H61M-S	Intel Core i5-3450 CPU @ 3.10GHz.	Hynix 8gb DDR 3/ Kingston 8GB DDR3	WD Green 500 GB	ZEBRONICS ZEB-450W	Logitech K100 Classic PS2	Logitech B100 Wired Mouse	Acer V196HQL 18.5"	

ROOM NO  
**A-105**

- RESEARCH AND INCUBATION CENTER -



 **GPS Map Camera**

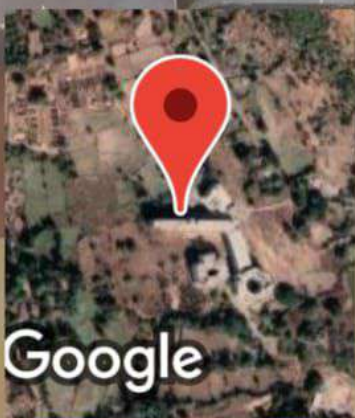
**Thane, Maharashtra, India**

FVF5+G8C, Chandansar, Thane, Maharashtra 401303,  
India


Lat 19.474286°

Long 72.857914°

14/06/23 11:44 AM GMT +05:30





 **GPS Map Camera**

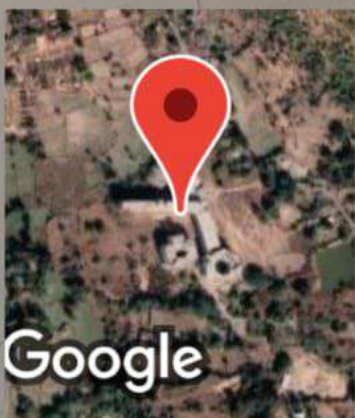
**Thane, Maharashtra, India**

FVF5+G8C, Chandansar, Thane, Maharashtra 401303,  
India

Lat 19.474082°

Long 72.858268°

14/06/23 11:44 AM GMT +05:30





 **GPS Map Camera**

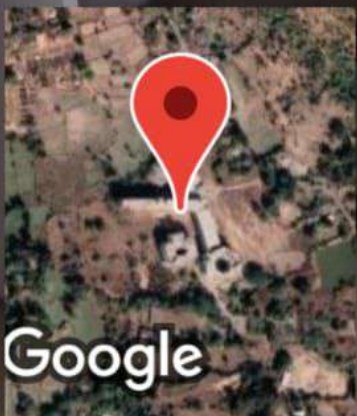
**Thane, Maharashtra, India**

FVF5+G8C, Chandansar, Thane, Maharashtra 401303,  
India

Lat 19.474082°

Long 72.858268°

14/06/23 11:44 AM GMT +05:30





Vishnu Waman Thakur Charitable Trust's

## VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai

Shirgaon, Virar (East), Dist- Palghar-401305 Maharashtra

DEPARTMENT OF MECHANICAL ENGINEERING

### Lab Equipment List

Lab Name Welding Lab

Sr. No	Equipment Name	Specification	Quantity
1	WARP INTIG 400I	1. In put Power :- 18.4 KVA 2.Phase :- Three Phase 3.Current range:- 20-400 A 4.Duty Cycle :- 60% 5. Weight :- 43kg	1
2	WARP WS 200	1.In put Power :- 8 2.Phase :- Single Phase 3.Current range:- 4-200 A 4.Duty Cycle :- 60% 5.Weight :- 12.5 Kg 6. 1.8 Meters of Welding cable with welding holder 7.Earthng cable with Earth Clamp 8.4 Meters Long Gas Cooled VG torch	1
3	SIGMAWELD 170 TIG	1.Rated Input Voltage 1-phase 230 V + 10% 50/60Hz 2.Rated Current Duty Cycle: 70% @ 170 A and 100% @ 130 A 3.D x W x H (mm) 400 mm X 190 mm X 390 mm	1
4	SIGMAWELD SW 400MM	1. Rated Input Voltage 3-phase 415 V + 10% 50/60Hz 2. Rated Current Duty Cycle: 50% @ 400 A and 100% @ 260 A 3. D x W x H (mm) 600 mm X 360 mm X 440 mm	1
5	ADOR WELDMASTER 10 SIMULATOR	1. Output Current 200 A 2. Voltage 240 V 3. Frequency 50 Hz 4. Phase Single Phase	1



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra  
And Affiliated to University of Mumbai

## WELDING LAB





**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai  
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.


Tel.: 777 000 2544 • Website : [www.viva-technology.org](http://www.viva-technology.org)

E-mail: [contact@viva-technology.org](mailto:contact@viva-technology.org) / [principalvit@vivacollege.org](mailto:principalvit@vivacollege.org)

**MICROPROCESSOR AND MICROCONTROLLER LAB (e-YANTRA LAB)**

SR.NO.	NAME OF EQUIPMENT	SPECIFICATIONS	QTY.
1	Fire Bird V 2560	<p><b>Microcontroller</b> Atmel ATMEGA2560 as Master microcontroller Atmel ATMEGA8 as Slave microcontroller</p> <p><b>Dimensions</b> Diameter: 17.2cm Height: 8.5cm Weight: 1193gms</p> <p><b>Power</b> 9.6V, 2100mAh Nickel Metal Hydride (NiMH) battery pack and external Auxiliary power using battery charger.</p>	5
2	Spark V Robot	<p><b>Microcontroller:</b> ATMEL ATMEGA16A</p> <p><b>Dimensions:</b> Diameter: 15cm Height: 7cm</p> <p><b>Power:</b> 7.2 V 600 mA rechargeable NiMH battery Onboard Smart Battery Controller charges the battery in intelligent way and also monitors the battery charge level when robot is in operation.</p>	10
3	Fire Bird V 8051	<p><b>Microcontroller</b> : NXP P89V51RD2 (8051 architecture based Microcontroller)</p> <p><b>Dimensions:</b> Diameter: 16 cm Height: 10 cm Weight: 1250 Gms</p> <p><b>Power:</b> 12V, 2.1 Ah Nickel Metal Hydride (NiMh) battery pack.or Auxiliary power (external power)using battery charger</p>	5
4	Fire Bird V Hexapod Robotic research platform	<p><b>Microcontroller</b> Atmel ATMEGA2560 as Master microcontroller</p> <p><b>Dimensions</b> Height: 13cm (Base is on the ground) Height: 19cm (Standing) Diameter: 56cm (All the legs spread out) Diameter: 44cm (Standing) Weight: 2540gms</p>	1



 **GPS Map Camera**



**Virar, Maharashtra, India**  
viva institute of technology Virar, Maharashtra 401303, India  
Lat 19.473955°  
Long 72.858463°  
25/05/23 10:11 AM GMT +05:30