

## Computing Facilities

### Internet Bandwidth

Institute is having the 250 MBPS [1:1] Internet connectivity which is available through both media – on Fiber Optic Cable as well as through RF connectivity. Secured Internet connection is distributed in campus through Sonicwall Firewall. 250 MBPS connection is Subscribed from ISP – Gazon Communication India Ltd. Pune.

Besides the above 250 MBPS connection Institute also having 40 MBPS connectivity for the Girls Hostel premises separately. This 40 MBPS connection is Subscribed from ISP – Gazon Communication India Ltd., Pune.

Internet connection is available in all the Laboratories and on the all Computer Systems. Internet access either allowed or blocked as per the requirement in the Laboratories.

Separate Computer Center is available for the Students for browsing the Internet which remains open on all weekdays except the holiday.

Monday to Friday: 8:30 AM to 8:30 PM

Saturday & Sunday: 9:00 AM to 5:00 PM

250 MBPS Internet access is available at Boys Hostel in the Campus after 5:00 PM to 8:30 AM on all working days. (After working Hours of the Institute Internet Access is provided for the Hostel Students). Students have internet access for 24 hours on Saturday and Sunday.

### Number and configuration of System:

#### Summary of Computers in detail – Processor Configuration wise

Sr. No.	Computer Desktops / Laptops With i7 Processor.	Computer Desktops / Laptops With i5 Processor.	Computer Desktops / Laptops With i3 Processor.	Computers with Dual Core Processor / Core 2 Duo / Quad Core Processor	Total Count
1	298	169	69	676	1212
2	IBM Servers Xeon Processor based				18

## Total number of system connected by LAN

All the Systems in the Campus are on Local Area Network.

## Total number of system connected by WAN

MITAOE, Alandi Campus is having WIFI connectivity, implemented with Cisco WIFI Controller Units and Cisco Access Points. Most of the Class Rooms are equipped with WIFI Access points. Students are provided with WIFI Access through Secured Authentication. Provision is provided with WIFI Access either on their Mobile Handset or on the Laptop. Students have to register their Laptop / Mobile Phones MAC Address before getting the WIFI access.

## List of Major software packages available

<u>Application Software</u>					
S.N.	Departments	Software Details	Qty.	Date of Purchase	Amount (Rs.)
1	Account	Admission Challan Software Multiuser	1	22/06/2005	10500
2		Tally ERP Multiuser 9.0	1	16/04/2008	46220
3		TDS-Pac	1	07-04-2008	16302
4		Budget	1	04-11-2007	10500
5		Shreelipi Dev Ratna Marathi Software	1	23/09/2011	3743
6		Payroll	1	31/05/2007	22880
7	Student section	Identity Card Master	1	14/10/2006	9545
8		Shreelipi Dev Ratna Marathi Software	1	23/09/2011	3743
9	Library	Slim 21	1	06-11-2007	145600
10		Slim 21 EX	1	01-08-2019	33040
11	Chemical	Hysis 3.1	2	30/04/2003	140400
12		Hyperchem3.0	1	23/09/2003	97000
13		Tksolver 5.0	10	31/07/2007	41000
14		Aspen V7.2	1 (150user)	09-09-2008	300000

15		Aspen One Engineering (Version 9.1) AspenONE for Universities V11.1	1 (150user)	01-01-2017	402000 144600
16		Academic PRO II Process Engineering Program (Version 10.1)	50	24/08/2018	43217
17		Plagiarism Checker X Software	5	14/08/2018	15967
18	Electronic	Power Sim v.7.0.1 Network Version	5	04-04-2007	330000
19	E & TC	MATLAB	5	07-11-2001	552843
20		MULTISIM 2001 Software.	1	06/08/2001	91000
21		Multisim – Ver. 12	10	08-08-2013	196000
22		Multisim – Ver. 12	5	08-08-2013	98000
23		Upgradation of Multisim 2001 to Multisim 10 (S. No.: M64X06533)	1	11-02-2007	128700
24		Xilinx ISE 8.2 I, Service Pack.	1	11-07-2006	52000
25		MATLAB	25	26/12/2005	1456392
26		PLC Trainer – Allen Bradley Micrologix 1000 with PLC Software – RS Logix 500	1	10-01-2002	91925
27		SCADA Software	1	10-10-2007	68344
28		VISIM	1	28/08/2004	304500
29		ULTIBOARD 2001 Software.	1	06/08/2001	91000
30		Upgradation of Ultiboard 2001 to Ultiboard 10 (S. No.: M64X06655)	1	11-02-2007	128700
31		Video Compressing Software	1	17/04/2007	5625
32		8051 Microcontroller Tutor -Educational Trainer License software (For 10 users )	1	29/9/2006	33694
33		Xilinx Vivado	25	13/02/2015	121325
34		Code Composer Studio	5	15/01/2014	157500
35		KEIL PK 51	4	21/2/2013	130000
36		Keil MDK-ARM-ED10 (software-10 user License)	1	09-05-2012	310170

37		HFSS S/W	25	06-09-2018	499140
38	Information Technology	QUAL NET 5.0.2	1	26/09/2011	433125
39	Mechanical	Autocad 2004 Inventor 07	5	11-01-2003	194480
40		Autocad 2008 Inventor 08	15	10-10-2008	452000
41		CATIA V 5 R19 ED2 & DIC	12	22/12/2009	468000
42		Mathwork (Metlab Software)	10	11-08-2011	296683
43		Engineering Graphics Software	32	16/11/2011	118650
44		DelCam include Modules ( Feature Cam)	50 (10 seat of Module)	07-10-2012	410760
45		CATIA V6	60	07-02-2015	600000
46		Ansys	25	10-01-2010	420000
47		Catia PLM 3 D EXP	100	30/8/2018	814200
48		Hypermesh 17.2	25	25/10/2018	531000
49		Computer	Computer Software for Vidyarthi Academic information system	1	08-03-2001
50	Computer Software for Vidyarthi Fees Management system		1	08-03-2001	7500
51	MS-MSDN Universal 7.0		1	20/11/2002	37000
52	Rational Suite Enterprise		5	25/10/2002	300000
53	Software Development for ISO Reporting		1	24/03/2003	280000
54	Visual Studio .net		1 set	13/01/2004	81000
55	3D Studio Max		1	13/01/2004	48000
56	Oracle 9i Data Server		10	03-02-2004	106500
57	Educational CBT's of Computer Science Stream		1	12-09-2005	4160
58	IBM Rational Rose Enterprise Suite With Instructor Led Training		1	14/06/2012	211472
59	Marvel Software		1	12-11-2016	36925
60	Proto.io Software		1	12-12-2016	16887

61		Lucid Chart Software	1	22/12/2016	25516
62		Invision Software	1	25/12/2016	75506
63		Oracle Express Cloud Exadata	Unlimited	13/12/2016	7,11,269
64		Proto.io Software	1	27/02/2017	33351
65		IBM Cognos Analytics Administrator Authorised User License + SW, Subscription & Support 12 Months	1	08-10-2018	348980
66		IBM Cognos Analytics User Authorised User License + SW, Subscription & Support 12 Months	2		
67		IBM Cognos Analytics Explorer Authorised User License + SW, Subscription & Support 12 Months	8		
68		MS Pwr BIPro Open ShrdSvr SNGL SubSVL MOLPNLAE (30 User License)	30	27/7/18	61950
69	Civil	ETABS			649000
70		Bentley Academic Select Subscription			1091500
71		Matlab Campus Licenses Standard Plus 32 Addons. 50 Tool Boxes Unlimited Lic			1916250
72		ERP System Software for MITAOE Campus.			2083880
73		Adobe Suite	2		54787
				Total	18549678

<b><u>System Software</u></b>					
Sl. No.	Departments	Software Details	Qty	Date of Purchase	Amount (Rs.)
1	Computer Center	Win SL 8.1 SNGL OLP NL Acdmc Legalization Get Genuine	200	28-12-2013	1061802
2	Computer Center	DesktPEdu ALNG LicSAPK OLV 1Y Acdmc Ent	80	01-01-2014	292055

3		WinSVR DataCtr ALNG Lic SAPK OLV E 1Y Acdmc AP2 Proc	2		
4		SQLSvrStdCore ALNG LicSAPK OLV 2Lic E 1Y Acdmc AP CoreLic	1		
5		VSProwMSDN ALNG LicSAPK OLV E 1Y Acdmc AP	2		
6		SysCTRCnfgMgrSvrMLStd ALNG LicSAPK OLV 1Y Acdmc AP	1		
7		ExchgSvrStd ALNG LicSAPK OLV E 1Y Acdmc AP	1		
8	Computer Center	MS DSKTP EDU ALNGLICSAPK OLV E 1 Y ENT	80	01-04-2016	295822
9		MS WIN SVR DATACTR ALNG LIC SAPK OLV E 1Y AP 2 PROC AE	2		
10		MS SQL SVR STD CORE ANLG LICSAPK OLV 2 LIC E 1 YR AE AP CORE LIC	1		
11		MS VS PROW MSDN ALNG LIC SAP KOLV E 1 Y AP AE	2		
12		MS SYSCTRCNF GMGR SVR ML STD ALNG LIC SAPK OLV E 1 Y APAE	1		
13		MS EXCHG SVR STD ALNG LIC SAPK OLV E 1 YR AE AP	1		
14	Computer Center	Microsoft Intune Open - Per User	80	01-03-2017	420802
15		SQL Server Standard Core 2016	4		
16		System Center DataCenter Core 2016	16		
17		Windows Server - Device CAL 2016	80		
18		Windows Server Datacenter Core 2016	32		
19		Windows 8.1	200		
20		Windows E3 Per Device			
21		MS Imagine Academy	1		

22		O365 ProPlus for Faculty	80		
23		O365 ProPlus For Students	9000		
24		Visio Professional	1		
25		Visual Studio Professional with MSDN	2		
26		Microsoft Campus Licenses renewal		01-10-2018	420802
27		Microsoft Campus Licenses renewal		01-03-2019	437988
28		Symantec Endpoint Protection	200	18/09/2018	142780
<b>TOTAL</b>					<b>3072051</b>

### Special purpose facilities available:

1. Institute is having Biometric Attendance System implemented for the all Faculty and Staff.
2. CCTV Surveillance facility is available at our institute.
3. Students are having advanced LMS ( Learning Management System ) facilities such as Moodle Server. Cloud based Moodle Server access provided for all the students in the campus.
4. Symantec End Point Protection and Dell – Sonicwall Firewall Protects the Network from various Virus and Trojan attack.
5. Radius Authentication Server for Secured Internet access configured through Sonicwall Firewall.
6. Facility for conduction of Online Class room – Go to Webinar Service.

## **Innovation Cell**

MITAOE Entrepreneurial Development Foundation is an initiative of MIT Academy of Engineering, Alandi-Pune, is an Autonomous Institute.

“It gives us immense pleasure to tell everyone that in latest ARIIA ranking, we stood in Top-100 list of institutes among India. Also e-Cell MITAOE has received Start-up Club award by Wadhvani foundation. e-Cell ,MITAOE has successfully completed the NEC (National Entrepreneurship Challenge) and secured the first position among the 650 competing colleges all over India.”



Mr Tukaram Sonawane  
CEO, MITAOE EDF  
Faculty Advisor, E-Cell



Mr Shailesh Bhokare  
Incubation Manager  
MITAOE- EDF



Ms Sneha Arbole  
Overall Student Coordinator  
E-Cell, MITAOE

## **About Entrepreneurship Cell MIT AOE**

Entrepreneurship cell MITAOE, incorporated as Entrepreneurial Development Centre works to promote Entrepreneurship and entrepreneurial skills in the students of MITAOE. Organizing workshops, competitions, webinars and seminars to inspire students for entrepreneurship are the main activities of E-Cell. Programs such as The First Venture Program (FVP), Institution’s Innovation Council (IIC) and participations in competitions such as the National Entrepreneurship Challenge are a part of the functioning.

The First Venture Program ( FVP) brings together student start-ups that have just entered the market and helps them grow. The start-ups are provided with required help and a common platform to work with each other, seeking each other’s help and achieve their goals.

Institute’s Innovation Cell (IIC) is an initiative by MHRD and AICTE, The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. MITAOE has achieved 4 star performance out of



5 In IIC competitions for year 2019.

Besides FVP and IIC, E-cell also conducts its own events with the support of Wadhvani Foundation. The Wadhvani Foundation has helped the e-cell grow and learn since its commencement. E-Cell, under Wadhvani Foundation works with the aim of building impactful entrepreneurship programs at leading institutions of higher learning.

E-Cell, MITAOE conducted a series of events related to Entrepreneurship, Innovation, IPR and startup from the month of August 2017 to Dec 2019. Also won the various competitions.

MITAOE EDF also signed MoU with various organisations and corporates:

- INTOIT Solutions
- Wadhvani Foundation
- AIC Pinnacle

The MITAOE Entrepreneurial Development Foundation act as an Incubation centre for the student start-ups in MITAOE, Currently 19 start up working on their ideas. Faculty Advisor and CEO- EDF, Mr Tukaram Sonawane along with Incubation manager, Mr. Shailesh Bhokare looking over the incubation activities.

For any queries Contact

+91 80873 23146 : Mr Tukaram Sonawane (Incharge, EDF)

+91 88058 81583 : Mr Shailesh Navnath Bhokare (Incubation Manager, MITAOE EDF)

## **Social Media Cell**

MITAOE – Alandi, have great social media presence. MITAOE is active on social media like Facebook, LinkedIn, Twitter and we also have our YouTube channel too. We are posting our daily events and happenings on social media with support of photos.

We have **30K+** likes on Facebook, having **5K +** connections on LinkedIn and also people following us on twitter.

And also we have shared many more videos on YouTube channel

Following are the links for social media page's

Facebook – <https://www.facebook.com/mitaoeofficial/>

Twitter – <https://twitter.com/MITAOE>

LinkedIn – <https://www.linkedin.com/in/mitaoecollege/>

YouTube Channel – <https://www.youtube.com/channel/UCL4DWs9R4irwWUTFg8BYsOQ>

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

Mr. Milind G. Asmar

Systems Administrator