



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

Summary of Support document required for Criteria 4.1.1

Sr No	Documentary Evidence	Page No
1.	Summary of Criteria 4.1.1	2
2.	List of ICT Enabled Classrooms/ Smart class	6
3.	List of Tutorial Rooms	19
4.	List of Laboratories	20
5.	List of Software	23
6.	List of Seminar rooms	57
7.	Central Library	62
8.	Conference Hall	65
9.	Waiting Room for Visitors	68
10.	Lift	69
11.	Placement cell	71
12.	Rainwater Harvesting and STTP	73
13.	Renovation Augmentation of Infrastructure along with Expenditure details	74
Facilities for Cultural and sports activities		
14.	Infrastructure Details and Statement of Culturalactivities	77
15.	Infrastructure Details and Statement of Sports activity area	83
16.	List of Clubs and Events Organized	92
17.	Cultural Activity Report	113
18.	Sports Activity Report	124
19.	Technical Board Report	135



1. Summary of Criteria 4.1.1

The Institution has adequate infrastructure and other facilities for

a. Teaching – learning, viz., classrooms, laboratories, computing equipment etc

b. ICT – enabled facilities such as smart class, LMS etc.

**Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor),
Gymnasium, auditorium etc**

Campus is spread over 30 acre with total built up area of 51317m². College is well equipped with 20 ICT-enable classrooms which includes 05 smart-classrooms having audio video recording facilities, 2 ICT-enable seminar halls, 2 ICT-enable conference hall, 09 tutorial rooms, 46 laboratories and a workshop. Each Department has well maintained and continuously updated laboratories. All computer labs are well equipped with latest softwares and updated hardware. Institute has Learning Management System (LMS-Moodle) to manage effective teaching learning processes. High-performance computing facility is installed to enable R&D in areas like Deep learning and Machine learning. Ubiquitous computing laboratory focuses on energy sensing, low power sensing and projects based on IoT.

The institute has three sponsored labs viz. Product Innovation Lab, Innovation and Development Centre and EV lab sponsored by Dassault systems, Robu.in and Ex-army person respectively. We have well equipped 'Centre of Excellence in AI and Robotics' to enhance immersive learning in AI and robotics. The workshop complex consists of different facilities like 3D printers, industrial grade CNC machine, cut section of car, BMW engine and shops like machine shop, carpentry, welding and tin smithy shops.

The institute has campus wide Enterprise class network Cisco Catalyst Switches connected by optical fiber redundant mode connectivity of 10Gbps in academic block and hostels. The Backbone LAN connectivity is provided with WAN connectivity of 2048Mbps(2Gbps) lease line (1:1) Class-A ISP internet which includes 1000Mbps(1Gbps) NKN, 500Mbps(0.5Gbps) (Tata Teleservices) and 500Mbps(0.5Gbps) (Power grid) connectivity. This Network comprises of 100+campus wide Cisco 9115 series Wi-Fi Access Points monitored by Cisco Wi-Fi controller 9800L. These access points (120) are available for entire campus to cater the need of 2000+users. The Institute also has state of art server center with multiple servers, next generation firewalls such as Fortinet 200F and Sonicwall 4600. The Netgear make NAS storage facility of 3 TB is available.



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

The institute has deployed the educational ERP software for monitoring student admission, faculty profile and interaction with students and parents.

AIT has well stock library with 36370 print-books, 28 print-journals, 980 E-journals, 1888E-books, DELNET database, 129 NPTEL web courses and 324 videos as comprehensive hybrid learning resources. Library also includes Turnitin-feedback-studio+Turnitin-originality (with AI-detection) anti-plagiarism software, Knimbus E-Library (remote access platform), face recognition attendance system, E-content creation facility and internet connectivity. Library has also compact storage system to store 10000 print books. It has spacious air-conditioned reading hall (Capacity:156) with Bring Your Own Device (BYOD) and Wi-Fi facility for students. We have Training and Placement cell with excellent infrastructure for training and placement activities.

AIT aspires to offer the best facilities to participate and perform in the spiritual, cultural, sports activities and other extra-curricular activities. To facilitate this, AIT has 08 different facilities to conduct cultural activates, 17 different sport facilities and more than 14 different clubs to provide platform for cultural, sports, co-curricular and extra-curricular activates for overall development of students.

For specially-abled people, institute provides ramps, special toilet and a passenger-lift having 408 kg/6-passenger capacity. Entire campus is under CCTV surveillance (775cameras).

Summary of infrastructure and physical facilities:

Sr No	Facilities	We Have
1.	No of classroom	20
2.	No of Labs	46
3.	Industry sponsored labs	03
4.	No of Computers	733
5.	Internet connectivity	2048 Mbps (2Gbps)
6.	Seminar halls	02
7.	Workshop	01
8.	Tutorial rooms	09
9.	Central Library	01
10.	Reading Rooms	01
11.	Conference Rooms	02
12.	Research and Development Lab	01
13.	Visitor Waiting Room	01
14.	Passenger-lift (Capacity:408kg)	01
15.	Placement cell (Interview, GD	05



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

	and Tutorial rooms)	
16.	Rainwater Harvesting	01
17.	STTP	01
18.	Renovation/ Augmentation of Infrastructure along with Expenditure details	10 different facilities

Summary of infrastructure for Cultural Activities:

- a) Field Marshall Manekshaw Hall
- b) Gen. B C Joshi
- c) Raman Theatre
- d) Music Room
- e) Aryabhatta centre Basement
- f) Open Air Cafeteria
- g) Radio recording and broad casting room
- h) Open air dance arena

Summary of infrastructure for Sports Activities:

- a) Cricket Ground
- b) Cricket Net Practice
- c) Football Ground
- d) Basketball Court
- e) Basketball Court (Modified)
- f) Table Tennis
- g) Badminton Court (Indoor)
- h) Badminton Court (Outdoor)
- i) Lawn Tennis Court
- j) Squash Court
- k) Volleyball Court
- l) Boxing & Fitness Hall
- m) Gym for Boys
- n) Gym for Girls
- o) Kabbadi Ground
- p) SSB Obstacles Court
- q) Recreation Room



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

Summary of infrastructure for Clubs:

- a) Technical Board
- b) Cultural Board
- c) Dramatics and Quiz club
- d) Fine Arts Club
- e) COE for AI, Robotics Club
- f) Magazine Board
- g) NSS Club
- h) MATHS Club
- i) Sports Club
- j) Spiritual Club
- k) Open Source Software Club
- l) SAE Collegiate Club
- m) Nature Club
- n) Radio Club
- o) Programming Club
- p) Information Security and Digital Forensics Club
- q) EV Cell
- r) Cycling Club
- s) Competitive Coding Club
- t) AR/VR club
- u) Quantum Club




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

2. List of ICT Enabled Classroom/smart class

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
1.	LH – 4 (Room No 141)	Class Room	Desktop PC, Projectors, Lan, Wi-Fi, Whiteboard, Podium	E&TC	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ETCClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-I.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-II.pdf	80.66
2.	LH – 7 (Room No 138)	Class Room	Desktop PC, Projectors, Lan, Wi-Fi, Whiteboard, Podium	E&TC	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ETCClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-I.pdf	80.66



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
					Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-II.pdf	
3.	LH – 8 (Room No 129)	Class Room	Desktop PC, Projectors, Lan, Wi-Fi, Whiteboard, Podium	E&TC	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ETCClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-I.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-II.pdf	83.19



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
4.	LH – 9 (Room No 130)	Class Room	Desktop PC, Projectors, Lan, Wi-Fi, Whiteboard, Podium	E&TC	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ETCClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-I.pdf</p> <p>Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ETC/Timetable/ETC_2022-23_SEM-II.pdf</p>	83.19
5.	Lecture Hall-01 (Room No 151)	Class Room	Smart Class room: Dual Desk, Table, Soft Board (Notice Board), Black and White Board, LCD Projector, Computer with internet, sound system, Wi-Fi access point, camera for smart classroom, TV	Information Technology	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ITClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/IT/Timetable/Time%20Table%202022-23%20SEM%20I.pdf</p> <p>Link of Master Timetable Sem II:</p>	81.43



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
					https://www.aitpune.com/Documents/IT/Timetable/Time%20Table%202022-23%20SEM%20II.pdf	
6.	Lecture Hall-10 (Room No 112)	Class Room	Smart Classroom: Dual Desk, Table, Soft Board (Notice Board), Black and White Board, LCD Projector, Computer with internet, sound system, Wi-Fi access point, camera for smart classroom	Information Technology	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ITClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/IT/Timetable/Time%20Table%202022-23%20SEM%20I.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/IT/Timetable/Time%20Table%202022-23%20SEM%20II.pdf	78.29



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
7.	Lecture Hall- 11	Class Room	Dual Desk, Table, Black and White Board, LCD Projector, Computer with internet, Sound system, Wi-Fi access point, Camera for smart classroom, TV	Computer Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/CompClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-I.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-II.pdf</p>	88.4
8.	Lecture Hall- 12	Class Room	Dual Desk, Table, Black and White Board, LCD Projector, Computer with internet, Sound system, Wi-Fi access point, Camera for smart classroom, TV	Computer Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/CompClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-I.pdf</p>	88.4



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
					Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-II.pdf	
9.	Seminar Hall 02	Seminar Room	Dual Desk, Table, Black and White Board, LCD Projector, Computer with internet, Sound system, Wi-Fi access point, Camera for smart classroom, TV	Computer Engg Dept	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/CompClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-I.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-II.pdf	88.4



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
10.	Seminar Hall 03	Seminar Room	Dual Desk, Table, Black and White Board, LCD Projector, Computer with internet, Sound system, Wi-Fi access point, Camera for smart classroom, TV	Computer Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/CompClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-I.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Comp/Timetable/TT%20AY%202022-2023%20SEM-II.pdf</p>	88.4
11.	PG 1	Class Room	Dual Desk, Table, White Board, LCD Projector	Computer Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/MECompClassRooms.pdf</p>	55



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
12.	PG 2	Class Room	Dual Desk, Table, White Board, SmartTV	Computer Engg Dept	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/MECompClassRooms.pdf	50
13.	SE Mech Class Room 04	SE Class Room	ICT: LCD Projector & Screen, LMS Internet	Mech Engg Dept	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/MechClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Mech/Timetable/TimeTable%20AY%202022-23%20SemI.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/Mech/Timetable/TimeTable%20AY%202022-23%20SemII.pdf	80



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
14.	143 LH 03	TE Class Room	ICT: LED TV display (43"), LCD Projector & Screen, LMS Internet	Mech Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/MechClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/Mech/Timetable/TimeTable%20AY%202022-23%20SemI.pdf</p> <p>Link of Master Timetable Sem II: https://www.aitpune.com/Documents/Mech/Timetable/TimeTable%20AY%202022-23%20SemII.pdf</p>	80
15.	144 LH 02	BE Class Room	Smart/Hybrid: Ultra HD 4k Conference Camera, LED TV display (43"), LCD Projector & Screen, LMS Internet	Mech Engg Dept	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/MechClassRooms.pdf</p> <p>Link of Master Timetable Sem I: TimeTable AY 2022-23 SemI.pdf (aitpune.com)</p> <p>Link of Master Timetable Sem II: https://www.aitpune.com/Documents/Mech/Timetable/TimeTable%20AY%2022-23%20SemII.pdf</p>	80



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
					metable/TimeTable%20AY%202022-23%20SemII.pdf	
16.	LH 5	Class Room	ICT: Dual Desk, Table, Green Board and White Screen, LCD Projector, Computer with internet, sound system, Wi-Fi access point, camera for smart classroom, TV	ASGE	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ASGEClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20I%202022-23.pdf</p> <p>Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20II%202022-23.pdf</p>	84



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
17.	LH 6	Class Room	ICT: Dual Desk, Table, , Green Board and White Screen, LCD Projector, Computer with internet, sound system, Wi-Fi access point	ASGE	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ASGEClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20I%202022-23.pdf</p> <p>Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20II%202022-23.pdf</p>	84
18.	LH 13	Class Room	ICT: Dual Desk, Table, Green Board and White Screen, LCD Projector, Computer with internet, sound system, Wifi access point	ASGE	<p>Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ASGEClassRooms.pdf</p> <p>Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20I%202022-23.pdf</p>	84



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
					22-23.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20II%202022-23.pdf	
19.	LH 14	Class Room	ICT: Dual Desk, Table, Green Board and White Screen, LCD Projector, Computer with internet, sound system, Wi-fi access point	ASGE	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/ASGECClassRooms.pdf Link of Master Timetable Sem I: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20I%202022-23.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20II%202022-23.pdf	84



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Link of geo tagged photos and master time table	Carpet Area (m ²)
20.	Drawin g Hall-1	Class Room	ICT: Smart Board	ASGE	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/4_1_3/Classroom/ASGEClassroom.pdf Link of Master Timetable Sem II: https://www.aitpune.com/Documents/ASGE/Timetable/FE%20Timetable%20Sem%20II%202022-23.pdf	168




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

3. List of Tutorial Rooms

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Carpet Area (m ²)
1.	Department Library	Department Library	-	E&TC	52.85
2.	Tutorial – 1	Tutorial Room	-	E&TC	26.64
3.	Tutorial - 2	Tutorial Room	-	E&TC	26.64
4.	Tutorial Room (Room No 81)	Tutorial room	Table, Chair, Soft Board (Notice Board), White Board, Computers	Information Technology	24.5
5.	Tutorial Room Workshop	Tutorial Room	-	Comp Engg Dept	20
6.	Department Library	Department Library	-	Comp Engg Dept	48
7.	(56), Department Library	Seminar Room	ICT: LCD Projector & Screen, LMS Internet	Mech Engg Dept	89
8.	Tutorial Room Workshop	Tutorial Room	-	Mech Engg Dept	38
9.	FE Tutorial Room	Tutorial room		ASGE	12



[Signature]
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

4. List of Laboratories

Sr No	Name of Laboratory Type	Investment in Rs	Possessing Dept	Carpet Area (m ²)
1.	Computer System lab	34,22,463/-	E&TC	71.68
2.	Embedded and VLSI Lab	16,50,704/-	E&TC	51.8
3.	Digital and Microcontroller Lab	22,39,468/-	E&TC	99.81
4.	Programming Lab	15,62,819/-	E&TC	68.58
5.	Network and Power Lab	30,47,717/-	E&TC	67
6.	Communication Lab	1,23,03,556/-	E&TC	66.6
7.	Basic Electronics Lab	19,03,160.05/-	E&TC	70
8.	Advanced Communication Lab	10,16,841/-	E&TC	66.6
9.	Project Lab (Spread across all labs including central facilities like 3DPLM,Robotics)	5,88,879/-	E&TC	26.64
10.	PCB Design Lab	2,33,912/-	E&TC	33
11.	Electrical lab	8,00,859/-	E&TC	80
Industry Sponsored Laboratory				
12.	Product Innovation Lab by 3DPLM	12,77,456/-	E&TC	50
13.	Innovation and Development Center by Robu.in	2,00,000/-	E&TC	26.64
14.	Electrical Vehicle Laboratory	15,00,000/-	E&TC	80
15.	Programming Lab-II	14,30,561.66/-	IT Dept	81.38
16.	Programming Lab-III/Hardware Lab	3,179,005.86/-	IT Dept	90.51
17.	Software Lab-I	3655287.17/-	IT Dept	67.87
18.	Machine Learning Lab	49,00,759/-	IT Dept	81.00
19.	Conference Room/Digital Library	3,00,664/-	IT Dept	63.80
20.	Project lab	2,03,038/	IT Dept	53.76



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Name of Laboratory Type	Investment in Rs	Possessing Dept	Carpet Area (m ²)
21.	CSL-I	20,81,623/-	Computer Engg.	77.5
22.	CSL-II	10,50,284/-	Computer Engg	77.5
23.	CSL-III	10,86,945/-	Computer Engg	77.5
24.	CSL-IV	17,00,584/-	Computer Engg	80.00
25.	CSL-V	12,77,826/-	Computer Engg	70.00
26.	CSL-VI	15,70,740/-	Computer Engg	115.00
27.	Hardware Lab	26,94,930/-	Computer Engg	105.00
28.	CAD lab –I and II: LCD Projector & Screen	58,09,491/-	Mechanical	143
29.	Thermal Engineering Lab (RAC)-I	4,49,490/-	Mechanical	89
30.	Metrology and quality control lab	5,39,386/-		
31.	Thermal Engineering Lab(ICE)-II	10,25,795/-	Mechanical	89
32.	Theory of Machine lab	30,07,671/-	Mechanical	109
33.	Dynamics of Machine lab			
34.	Fluid Engineering lab LCD Projector & Screen (Fluid Mechanics, Turbo Machine and fluid control lab)	1,58,566/- 5,00,570/- 7,53,956/-	Mechanical	170
35.	Mechatronics	9,60,509/-	Mechanical	70
36.	Heat Transfer and Basic Mechanical Engg Lab	990565.00/-	Mechanical	80
37.	Workshop/Machine shop	41,30,000/-	Mechanical	980
38.	Metallurgy	9,32,000/-	Mechanical	72
39.	Strength of Material lab	1,70,000/-		



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Name of Laboratory Type	Investment in Rs	Possessing Dept	Carpet Area (m ²)
40.	Computer Aided Engineering (CAE): With smart TV	1,05,83,720/-	Mechanical	68
41.	Computer Aided Manufacturing (CAM)			
42.	SAE-AIT Fabrication Facility	72,415/-	Mechanical	100
43.	Research and Projects	-	Mechanical	38
44.	Engineering Mechanics	1,28,849/-	ASGE	112
45.	Engineering Physics	3,06,508/-	ASGE	92
46.	Engineering Chemistry	2,57,437/-	ASGE	92
47.	FE Computer Centre	21,00,000/-	ASGE	114.6

Department wise Link for laboratory

Sr No.	Department	Link
1	Electronics and Telecommunication Engineering	https://www.aitpune.com/Documents/ETC/Labs/ETCLabDetails.pdf
2	Information and Technology	https://www.aitpune.com/Documents/IT/Labs/ITLabDetails.pdf
3	Computer Engineering	https://www.aitpune.com/Documents/Comp/Labs/CompLabDetails.pdf
4	Mechanical Engineering	https://www.aitpune.com/Documents/Mech/Labs/MechLabDetails.pdf
5	Applied Science And General Engineering	https://www.aitpune.com/Documents/ASGE/Labs/ASGELabDetails.pdf



Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

5. List of Softwares

Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
1.	E&TC	VLSI Design Technology	Microwind Software 3.5	05	Application
2.	E&TC	VLSI Design Lab	Xilinx Vivado System Edition Software	25	Application
3.	E&TC	CS Lab	Matlab R2013 a Base Module	25	Application
			Signal Processing Toolbox	02	
			DSP System Toolbox	02	
			Communication System Toolbox	02	
			Image Processing Toolbox	02	
			Simulink Toolbox	02	
			Simscape Toolbox	02	
			Matlab 2014 LTE Systems Toolbox	01	
4.	E&TC	All PCs	Kaspersky Endpoint Security for Business Yearly License	130	Application
5.	Information Technology	1. Programming Lab-I 2. Programming Lab-II 3. Programming Lab-III/Hardware Lab 4. Machine Learning Lab 5. Software Lab-I 6. Project lab	Kaspersky Business Space Security License	180 User	System
6.	Information	Machine Learning Lab	Secure Remote Access Capability for	1 User	Application



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
	Technology		HPC		
7.	Information Technology	Machine Learning Lab	NetSim Component -5 & 6 (Sensor Netsim)	1 User	Application
8.	Information Technology	Machine Learning Lab	NetSim Component -1 Ethernet Fast & Gigabit ARP etc. Component -4	1 User	Application
9.	Information Technology	Machine Learning Lab	IBM Rational Seed Program RSA	30	Application
10.	Information Technology	Machine Learning Lab	IBM Rational Seed Program RSE	30	Application
11.	Information Technology	1. Programming Lab-I 2. Programming Lab-II 3. Programming Lab-III/Hardware Lab 4. Machine learning Lab 5. Software Lab-I 6. Project Lab	Microsoft Window 10	173 users	System
12.	Computer Engineering	1. Computer Software Lab-1 2. Computer Software Lab-2 3. Computer Software Lab-3 4. Computer Software Lab-4 5. Computer Software Lab-5 6. Computer Software Lab-6	Kaspersky Antivirus	200 users	Application Software



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
		7. Computer Hardware Lab			
13.	Computer Engineering	All PCs	Microsoft Campus Agreement	800 users	System and Application Software both
14.	Computer Engineering	Computer Software Lab-1	Visual Studio	15	Application Software
15.	Computer Engineering	Computer Hardware Lab	Xilinx Vivado System Edition Software	25 users	Application Software
16.	Computer Engineering	Computer Software Lab-1	Jupyter Notebook Hadoop Python3 G++, Java Mysql MongoDB OpenGL	NA	Application Software- Open source
17.	Computer Engineering	Computer Software Lab-1	Jupyter Notebook Hadoop Python3 G++, Java Mysql MongoDB	NA	Application Software- Open source
18.	Computer Engineering	Computer Software Lab-3	Wire-shark Packet Tracer G++,Java Nasam	NA	Application Software- Open source



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
			Jupyter Notebook Hadoop Python3		
19.	Computer Engineering	Computer Software Lab-4	Wire-shark Packet Tracer G++,Java Anaconda CodeBlocks	NA	Application Software- Open source
20.	Computer Engineering	Computer Software Lab-5	G++,Java Anaconda CodeBlocks	NA	Application Software- Open source
21.	Computer Engineering	Computer Software Lab-6	Anaconda Python3	NA	Open source Application Software
22.	Computer Engineering	1. Computer Software Lab-1 2. Computer Software Lab-2 3. Computer Software Lab-3 4. Computer Software Lab-4 5. Computer Software Lab-5 6. Computer Software Lab-6 7. Computer Hardware Lab	Windows-10 Ubuntu18.0, 20.0 Fedora 20.0	NA	System Software
23.	Mechanical	CAD Lab	Ansys Rel 9 and 14.5	10	Application



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
24.	Mechanical	CAD Lab	Autocad	10	Application
25.	Mechanical	CAD Lab	Matlab	05	Application
26.	Mechanical	CAD Lab	CaDIAN Mech Site License	Unlimited	Application
27.	Mechanical	CAD Lab	Pro/Engineer U Plus	30	Application
28.	Mechanical	CAE Lab	Catia V6	20	Application
29.	Mechanical	CAE Lab	ABAQUS 6.14 Extended Teaching	20	Application
30.	Mechanical	CAE Lab	ABAQUS 6.14 Research	01	Application
31.	Mechanical	CAE Lab	MSC University Bundle 2016	150	Application
32.	Mechanical	CAE Lab	MasterCAM X9	20	Application
33.	Mechanical	CAE Lab	SAM 7	100	Application
34.	Mechanical	CAE Lab	Matlab 2018	20	Application
35.	Mechanical	CAE Lab	HyperWorks 2018	20	Application
36.	Mechanical	CAE Lab	HyperWorks 2018 Research	01	Application
37.	Mechanical	CAD & CAE Lab	SolidWorks 2023	60	Application
38.	ASGE	FE COMPUTER CENTER	Windows 10	-	Operating System
			Ms Office 2013		
			Python 3.7 And Above		Programming
			Kaspersky Antivirus		Antivirus
39.	Library	-	System for Library Information and Management (SLIM21)	1	Application
40.	Office	Talley	Talley prim	1	Application



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

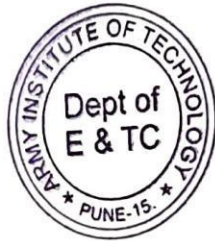
Sr No	Dept/Section	Lab/ Club	Name of Software	Number of License	Type System/ Application
41.	Turnitin	Library	Turnitin Feedback studio	1348	Application
42.	ERP	IT Dept	CampusERP	Unlimited (Web base)	Application




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

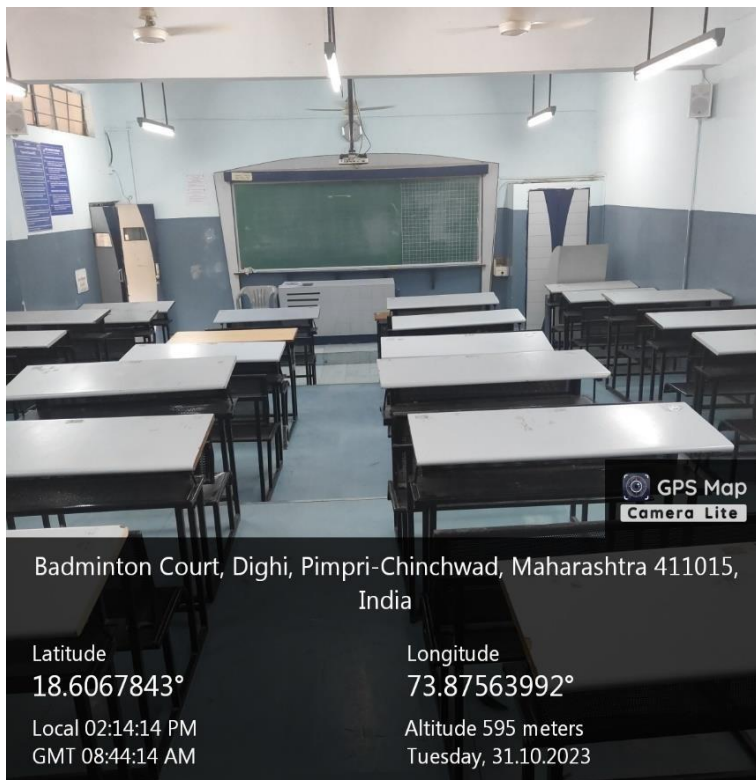
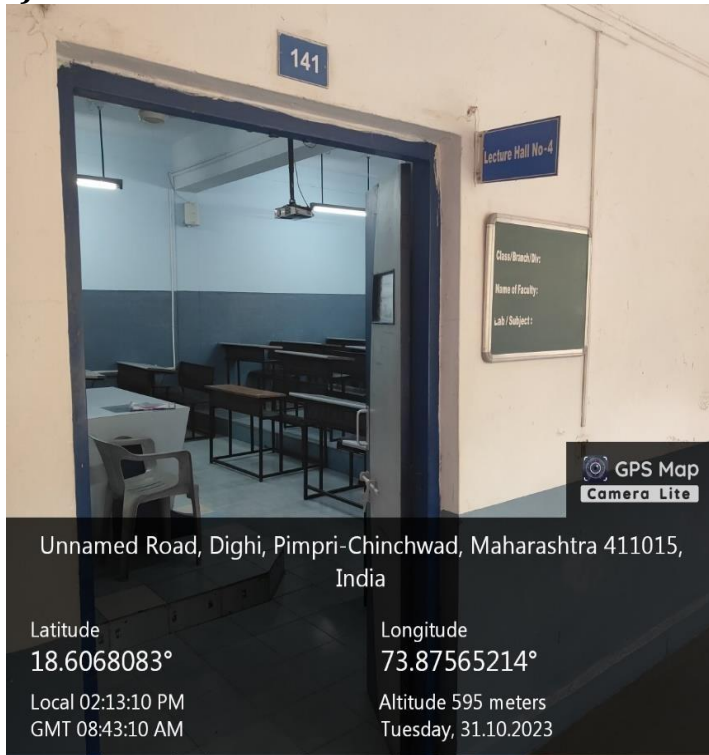
Army Institute of Technology, Pune
List of Classrooms, Seminar Halls, Drawing Halls & Tutorial
Rooms
Used for teaching learning

S No	Lecture Hall No/Name	Department
1.	LH 04	E&TC
2.	LH 07	E&TC
3.	LH 08	E&TC
4.	LH 09	E&TC
5.	E&TC Tutorial Room I	E&TC
6.	E&TC Tutorial Room II	E&TC



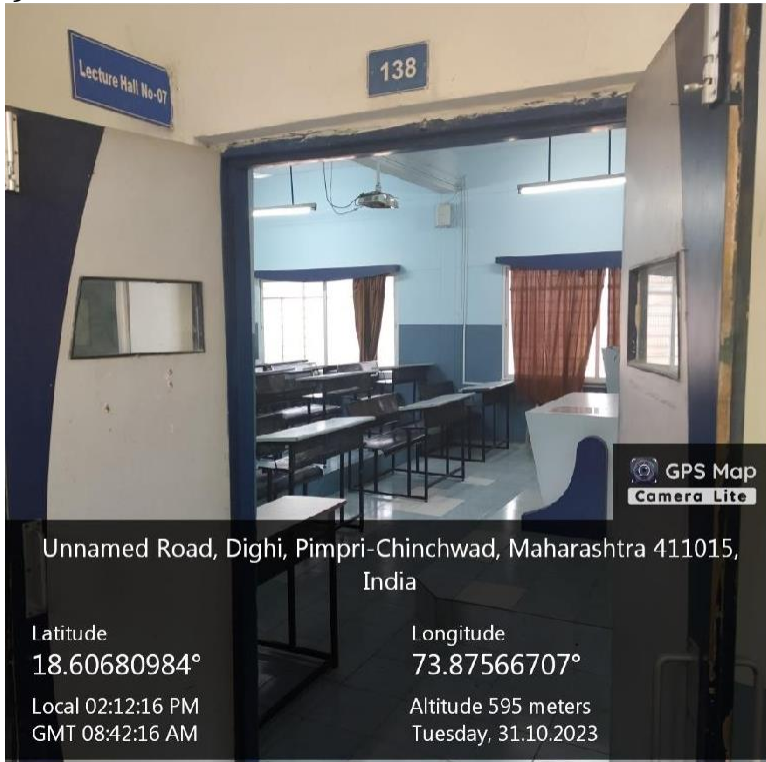
Dr. G. R. Patil
Head of Department
Electronics & Telecommunication Engineering

1) Lecture Hall No-04

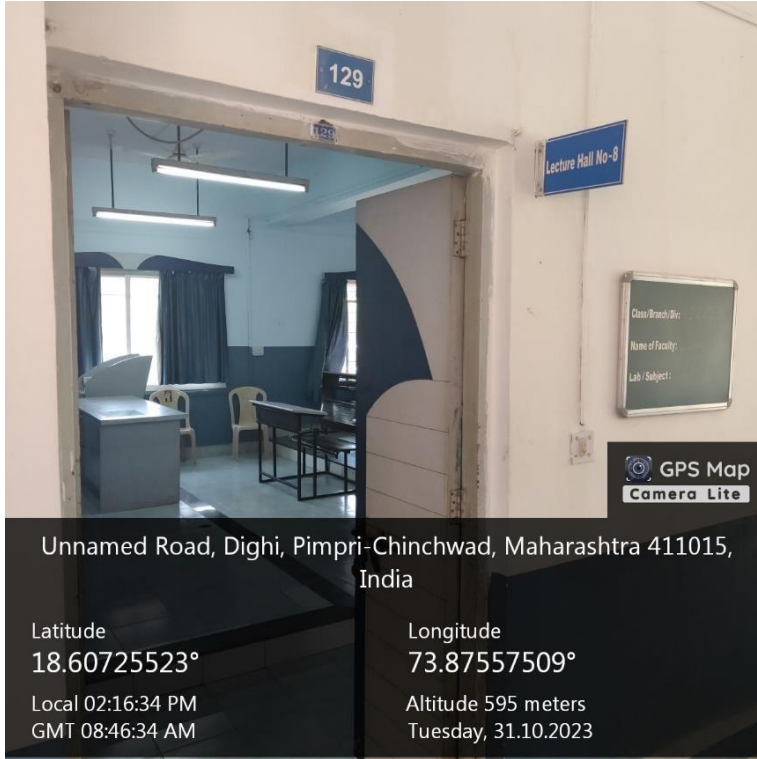


2) Lecture Hall No-07

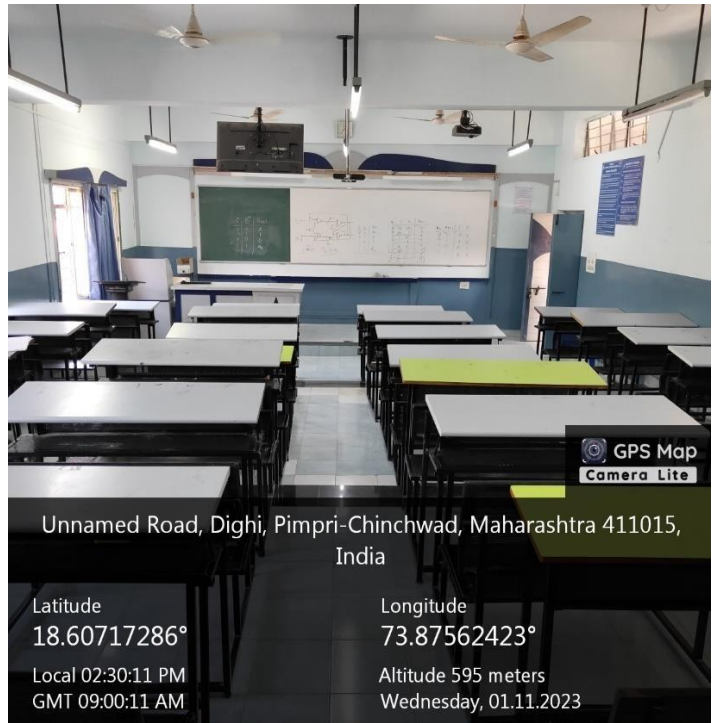
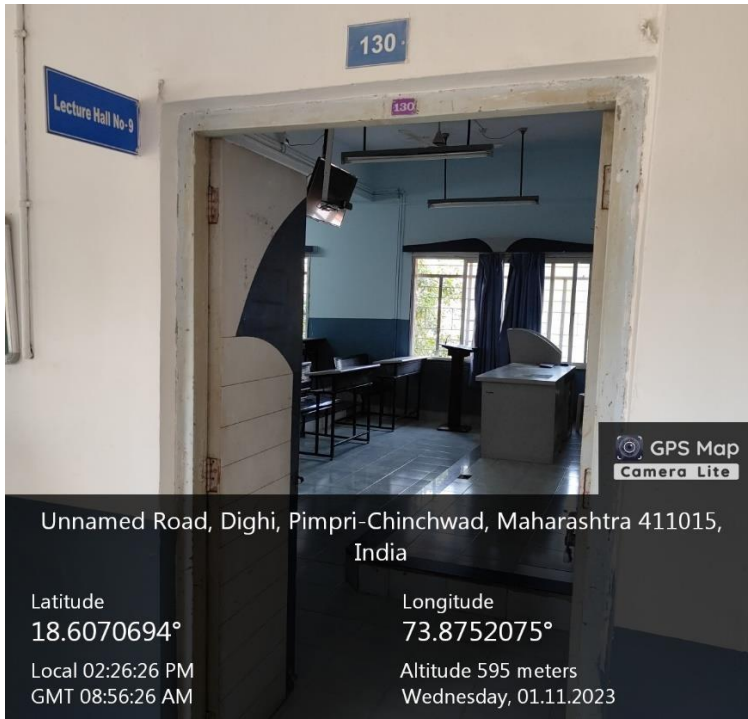
1) Lecture Hall No-04



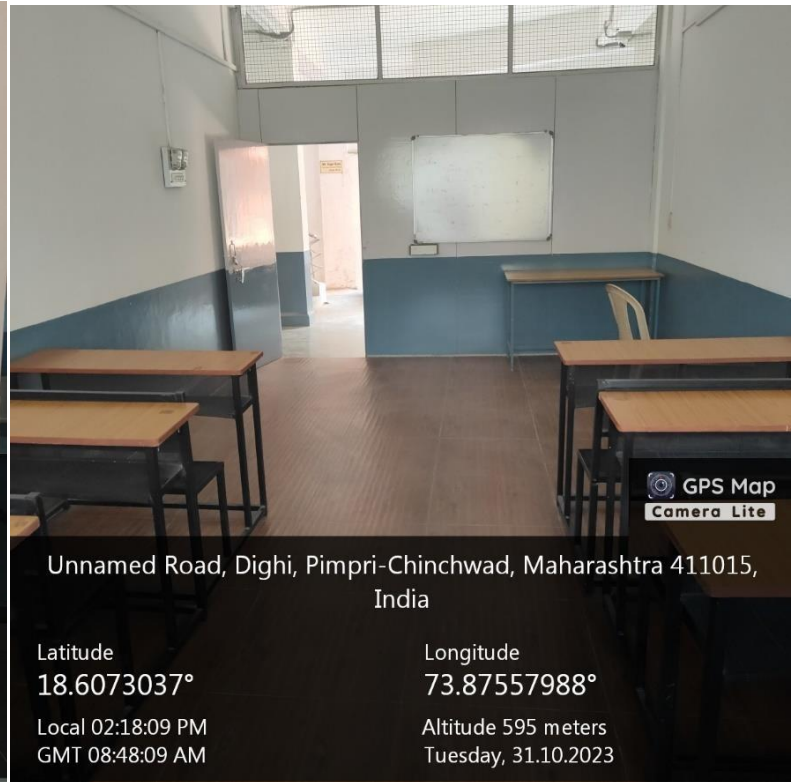
3) Lecture Hall No-08



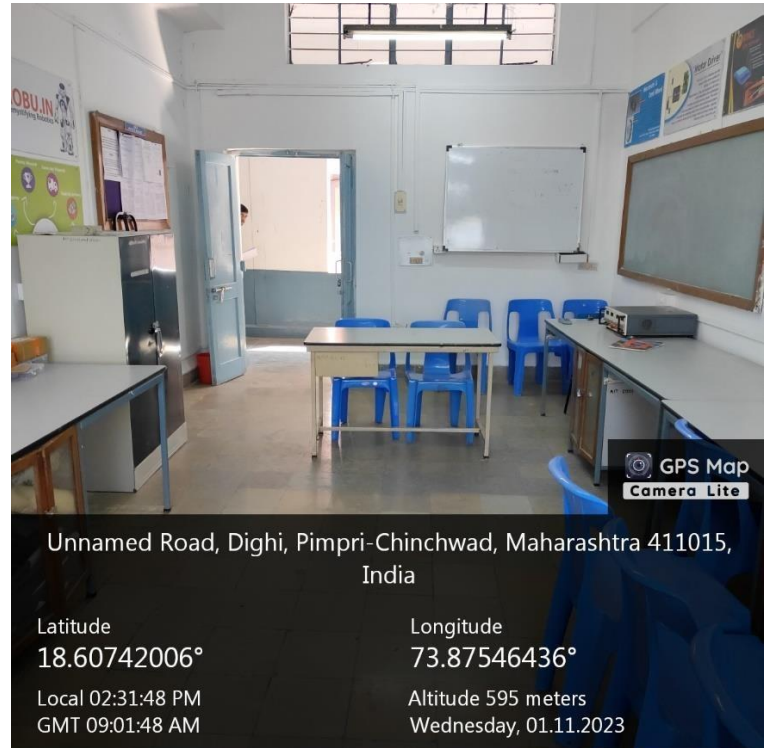
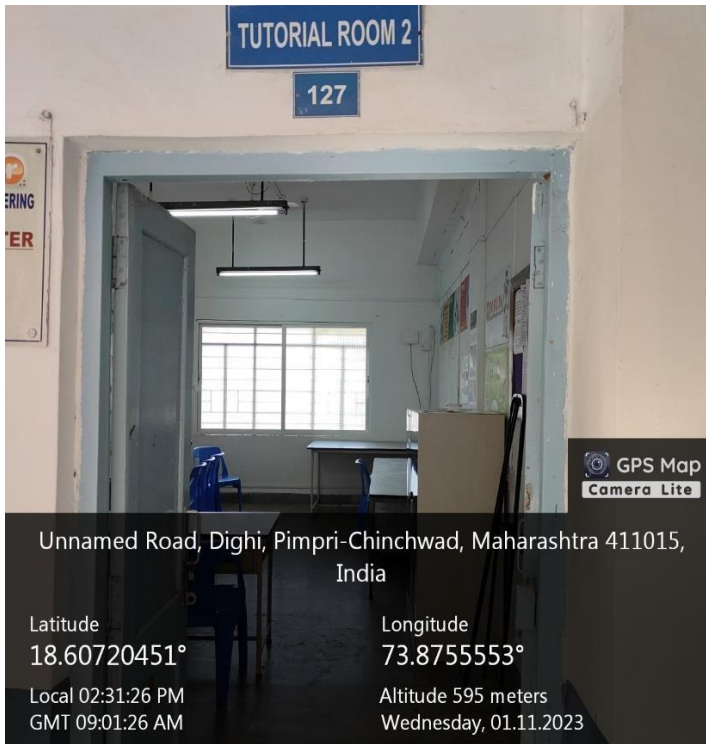
4) Lecture Hall No-09



5) E&TC Tutorial Room No I



6) E&TC Tutorial Room No II



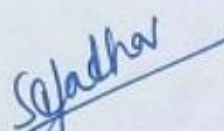
Army Institute of Technology, Pune

List of Classrooms, Seminar Halls, Drawing Halls & Tutorial Rooms

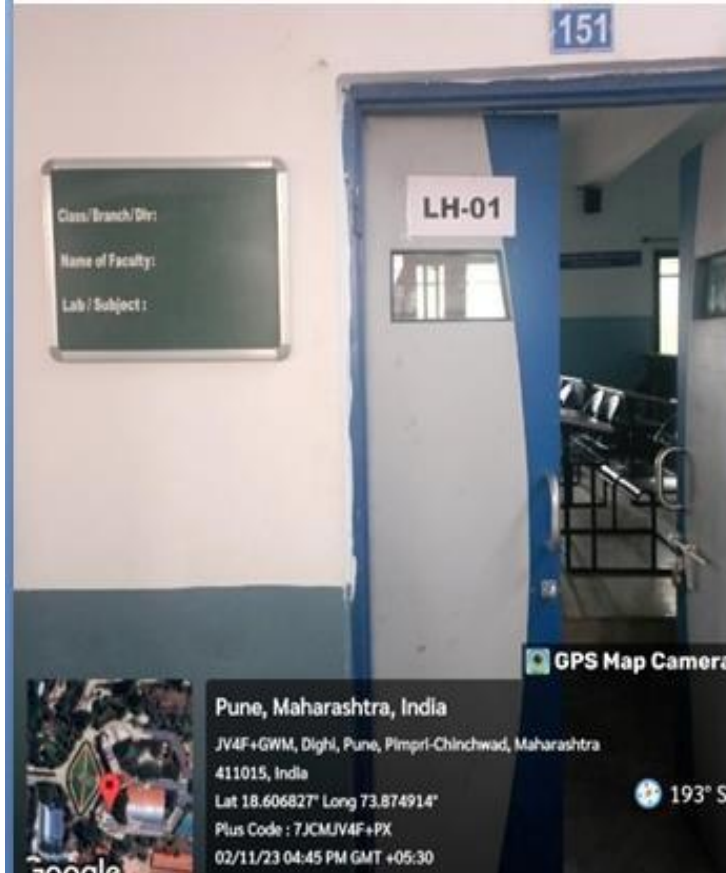
Used for teaching learning

SNo.	Lecture Hall No/Name	Department
1.	LH 01	IT
2.	LH 10	IT
3.	Tutorial Room	IT
4.	Conference Room/Digital Library	IT




Dr. Sangeeta Jadhav
(HOD, IT)

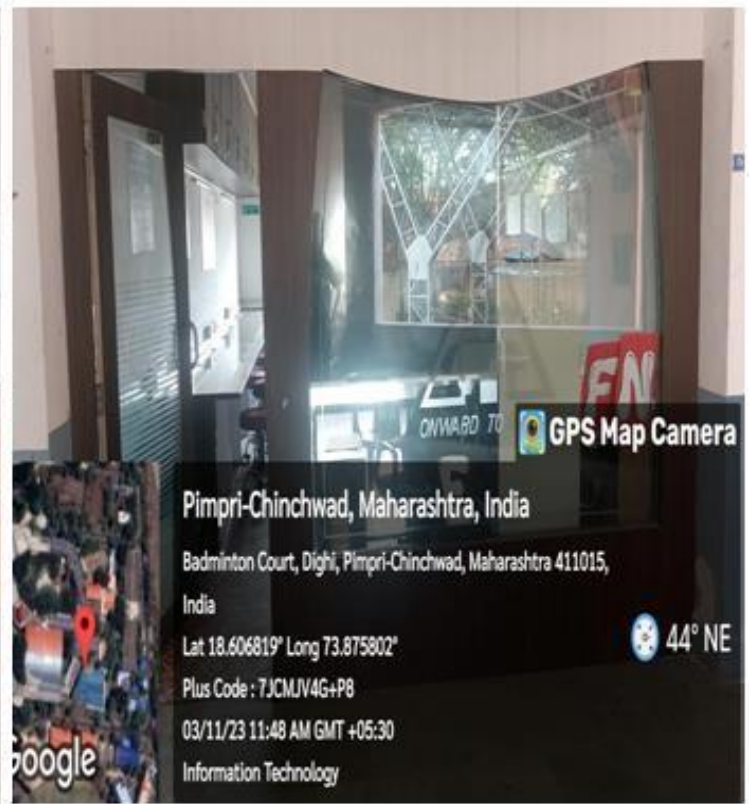
LH-01:



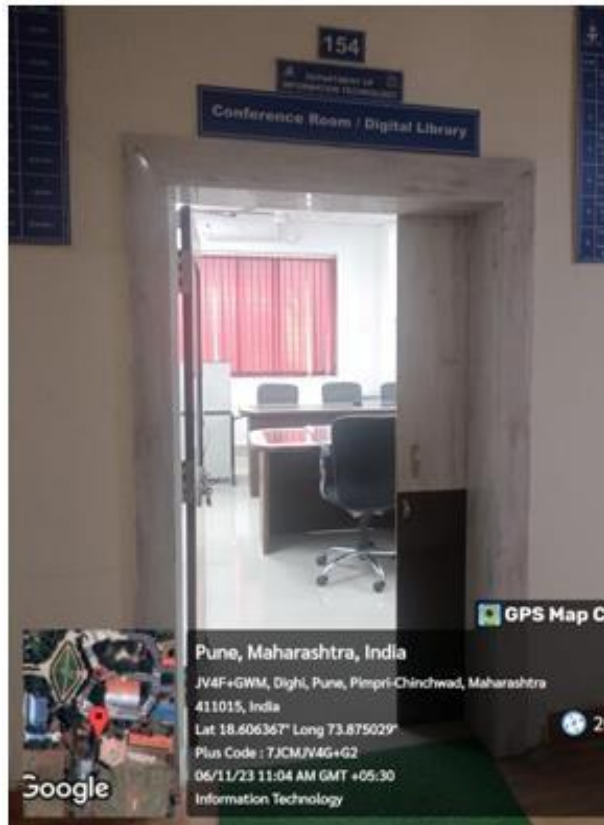
LH-10:



Tutorial Room:



Digital Library:





Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

**List of Classrooms, Seminar Halls, Drawing Halls & Tutorial Rooms
Used by Teaching Learning**

Sr. No	Lecture Hall No/Name	Department
1	LH 11	COMPUTER
2	LH 12	COMPUTER
3	SH 2	COMPUTER
4	SH 3	COMPUTER
5	CSL 1	COMPUTER
6	CSL 2	COMPUTER
7	CSL 3	COMPUTER
8	CHL	COMPUTER
9	CSL 4	COMPUTER
10	CSL 5	COMPUTER
11	CSL 6 (FORTYTWO LAB)	COMPUTER
12	ME(DATA SCIENCE)	COMPUTER

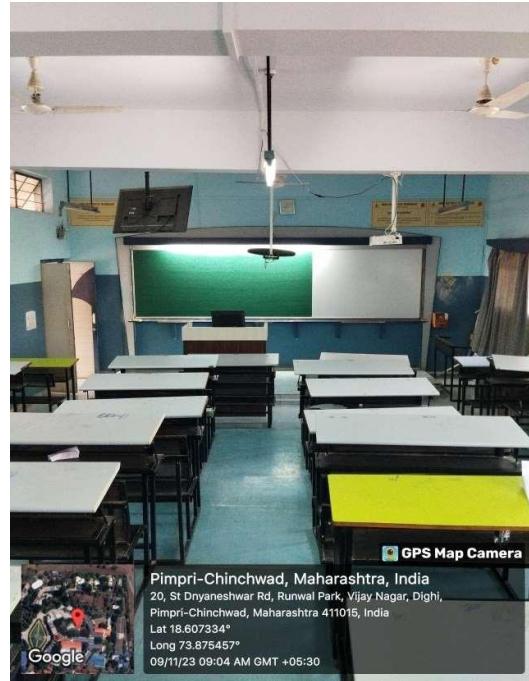
Dr.Sunil Dhore

Head of Department

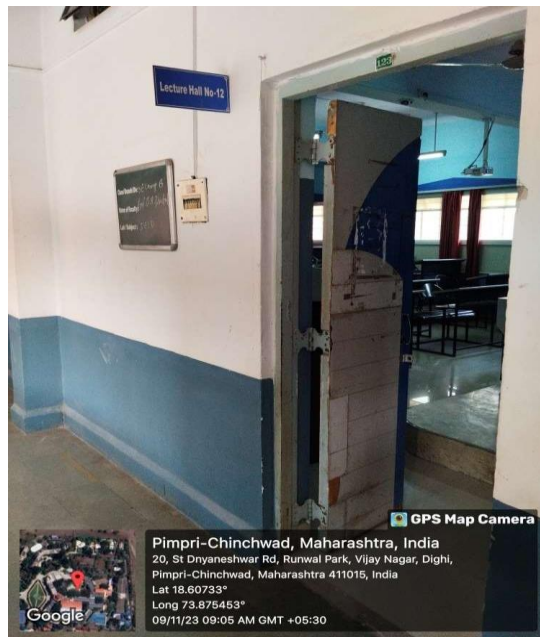
Computer Engineering



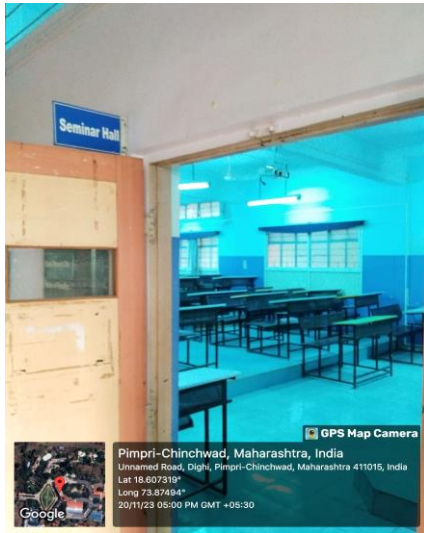
LH-11



LH-12



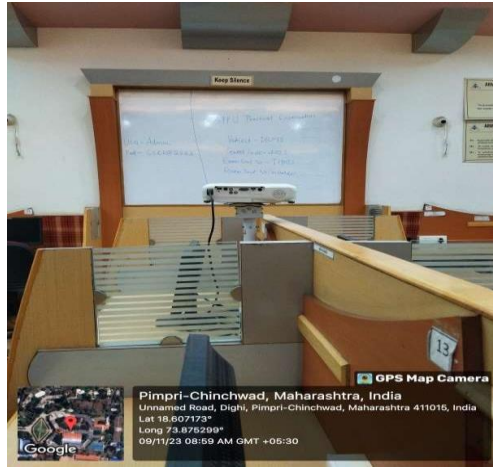
SH-1



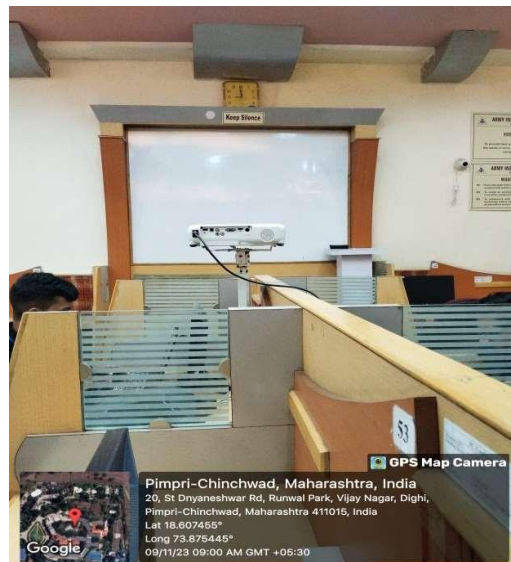
SH-2



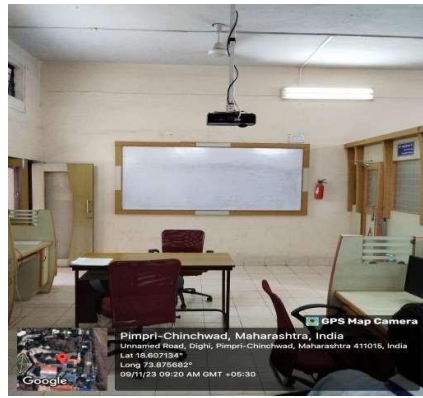
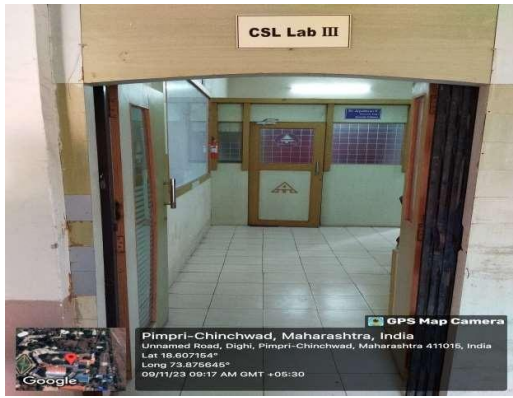
CSL-1



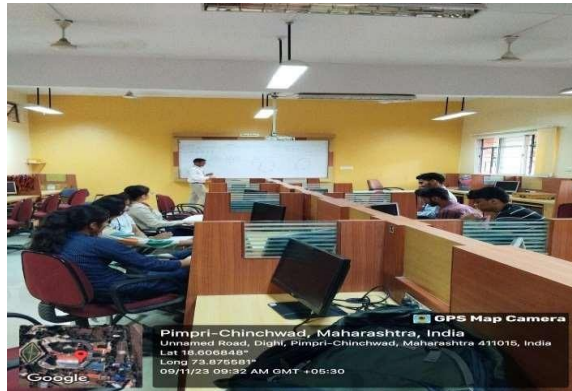
CSL-2



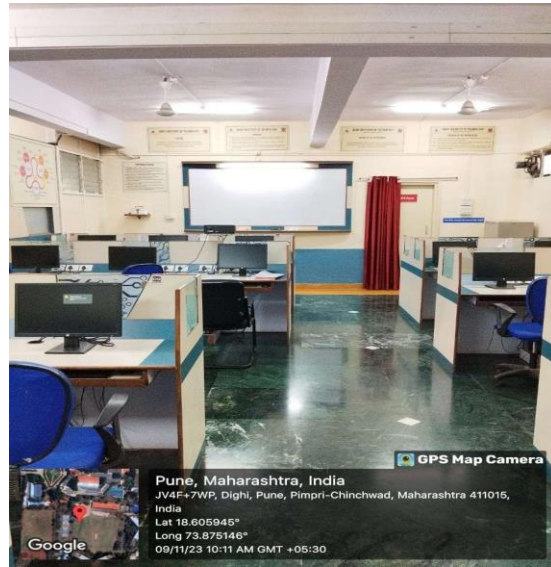
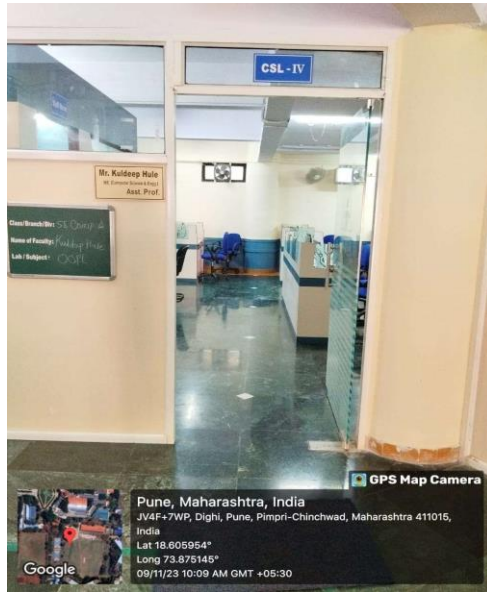
CSL-3



CHL



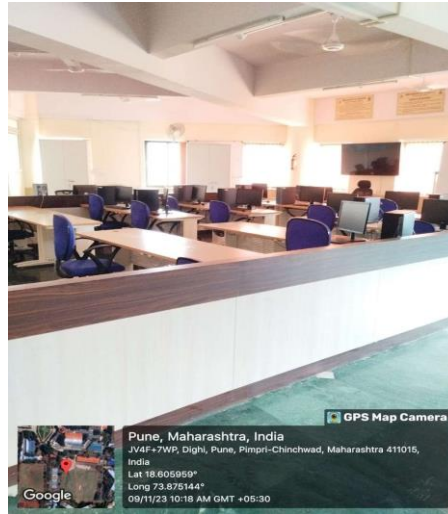
CSL-4



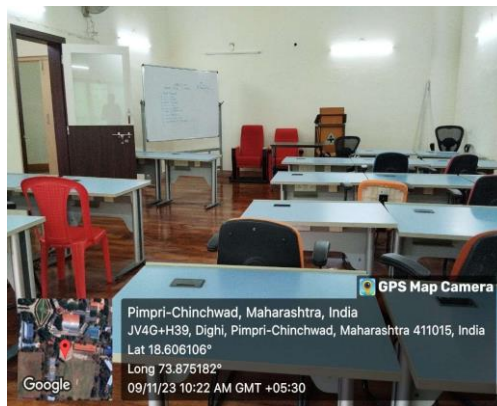
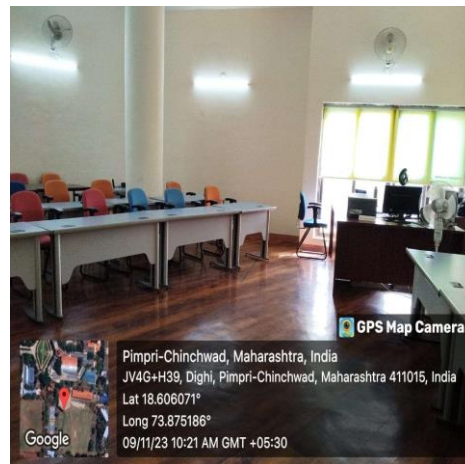
CSL-5



CSL-6(FORTYTWO LAB)



ME (DATA SCIENCE)





Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

**List of Classrooms, Seminar Halls, Drawing Halls & Tutorial Rooms
Used by Teaching Learning**

Sr. No	Lecture Hall No/Name	Department
1	ME(DATA SCIENCE)	COMPUTER



Dr.Sunil Dhore

Head of Department

Computer Engineering

ME (DATA SCIENCE)



1. Mechanical Class Room No 1


Army Institute of Technology

List of Classrooms Seminar Halls, Drawing Halls and Tutorial Rooms

Used For Teaching Learning

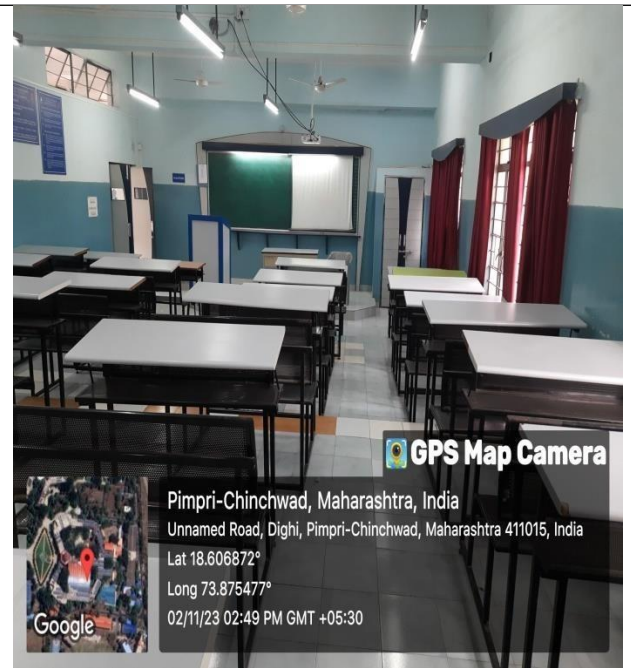
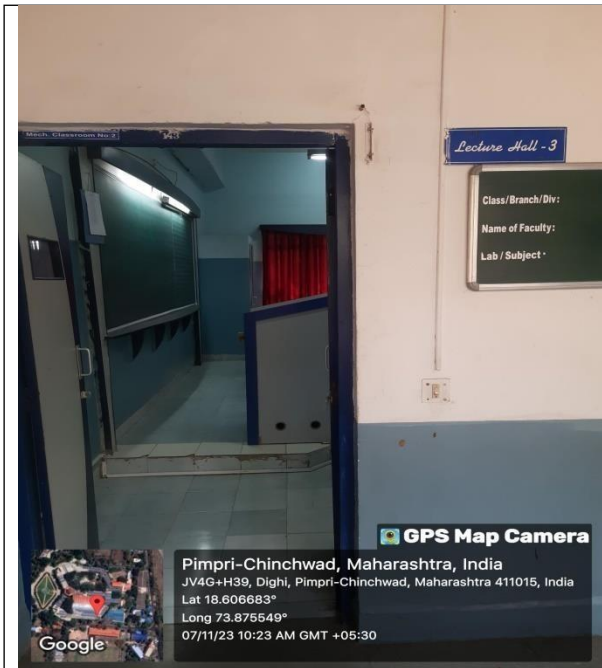
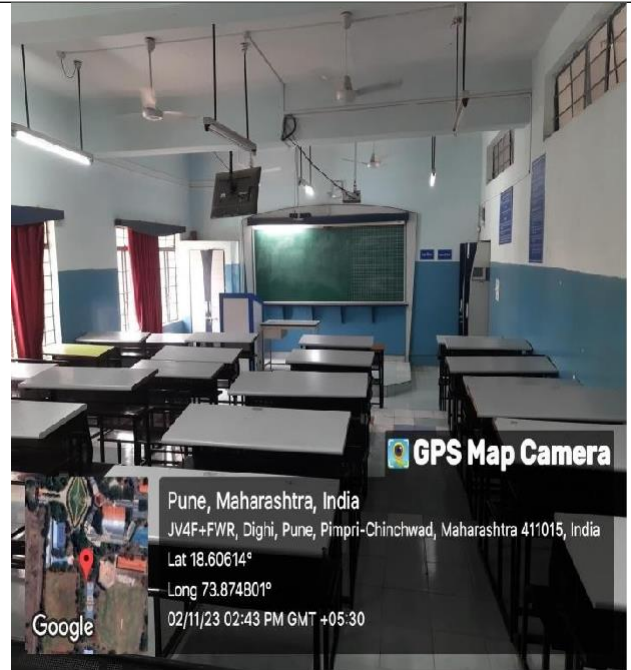
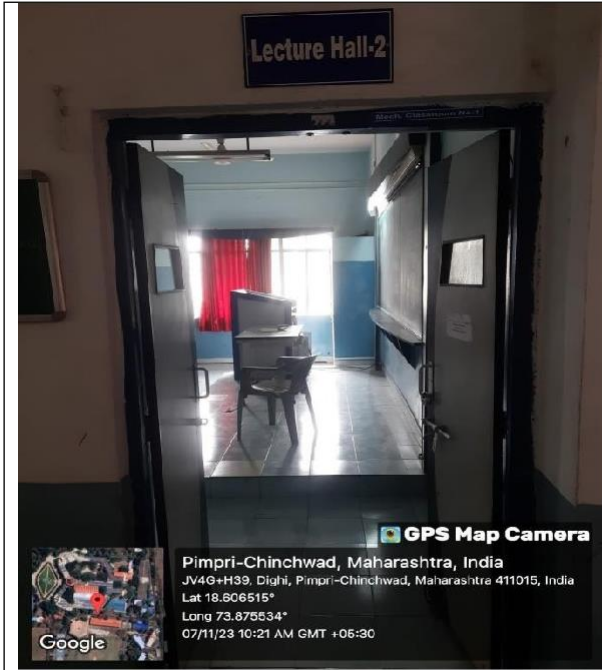
Sr. No	Lecture Hall No/ Name	Department
1	Mech class room No 1	Mechanical
2	Mech class room No 2	Mechanical
3	Mech class room No 3	Mechanical
4	Seminar Room	Mechanical
5	Tutorial Room (Workshop)	Mechanical




Dr U V Awasarmol
HOD Mechanical

Professor & Head
Department of Mechanical Engg.
Army Institute of Technology
Pune - 411015.

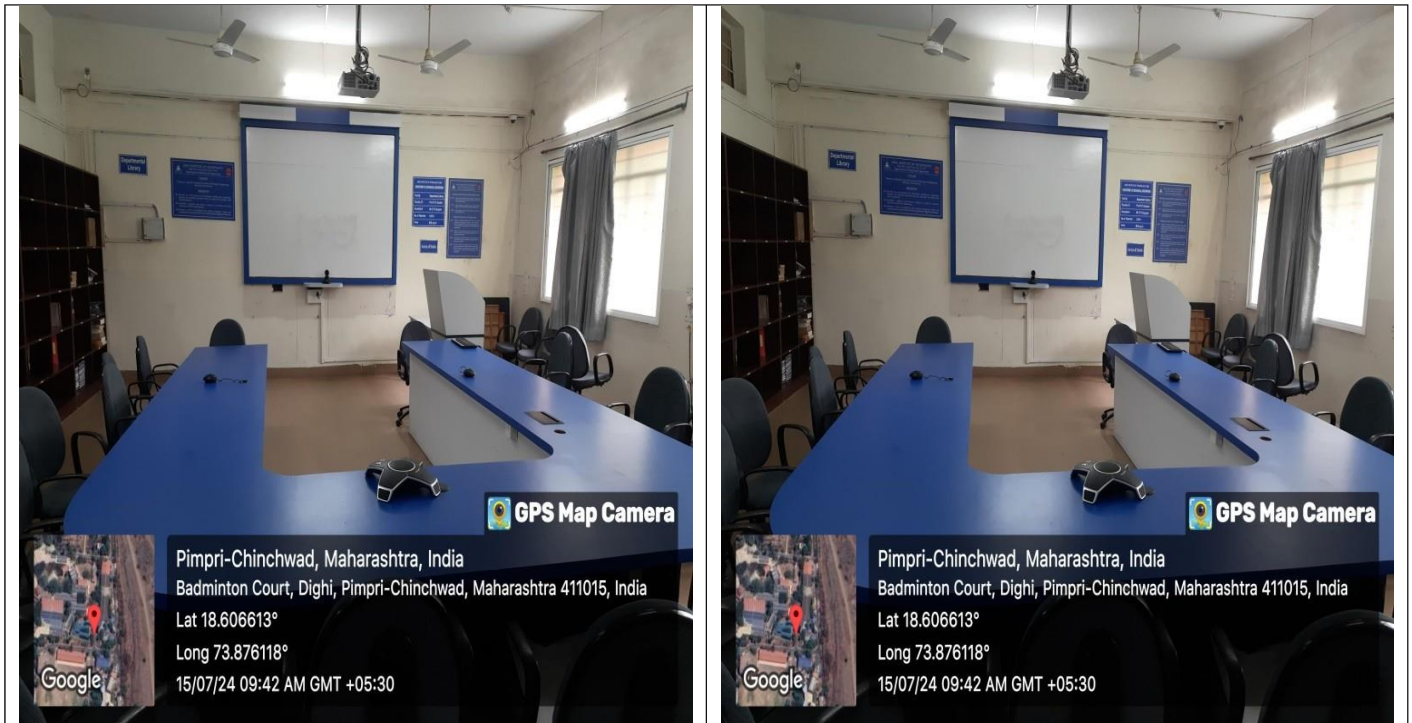
1. Mechanical Class Room No 1



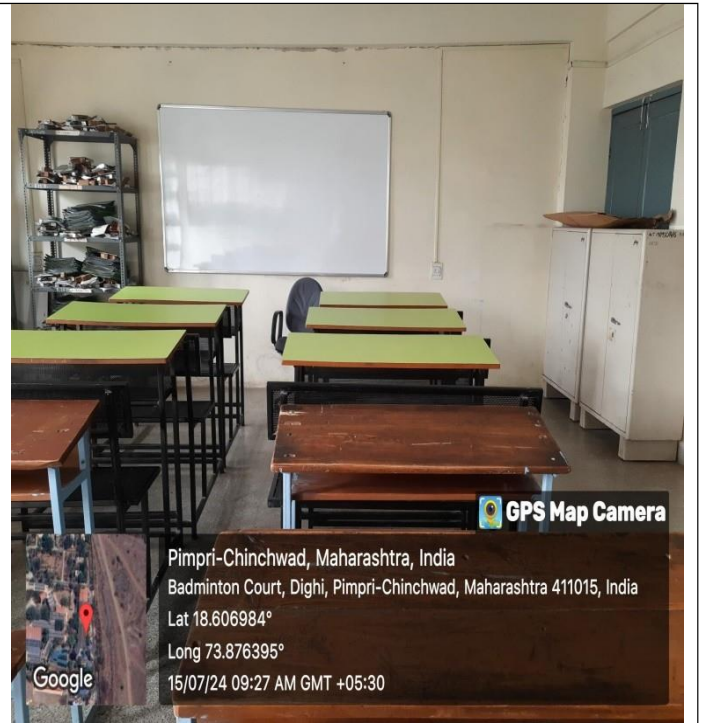
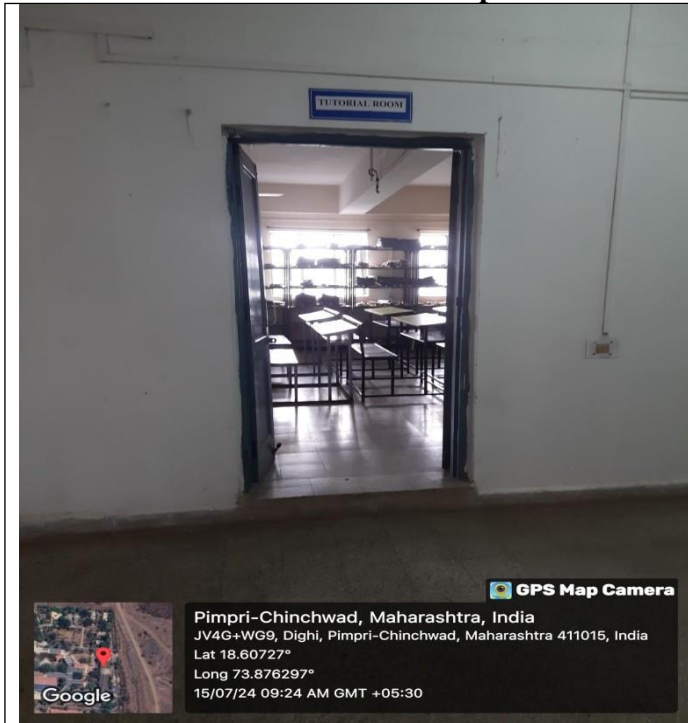
3. Mechanical Class Room No 3



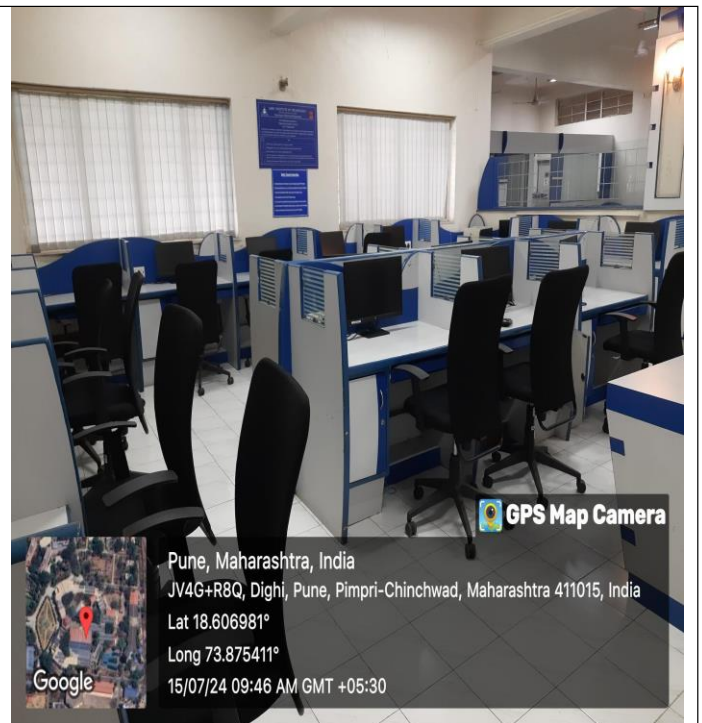
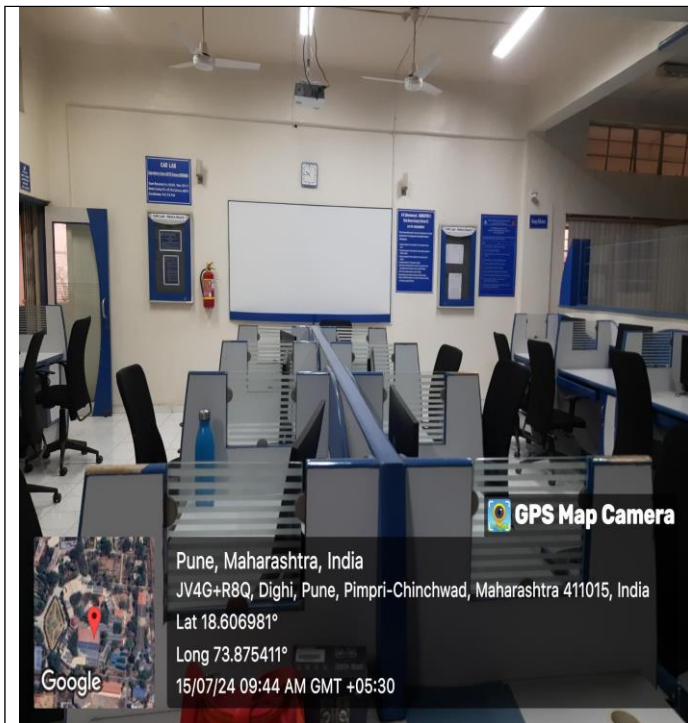
4. Seminar Room



5. Tutorial Room Workshop



CAD lab



Army Institute of Technology, Pune
List of Classrooms, Seminar Halls, Drawing Halls & Tutorial
Rooms
Used for teaching learning By ASGE Department

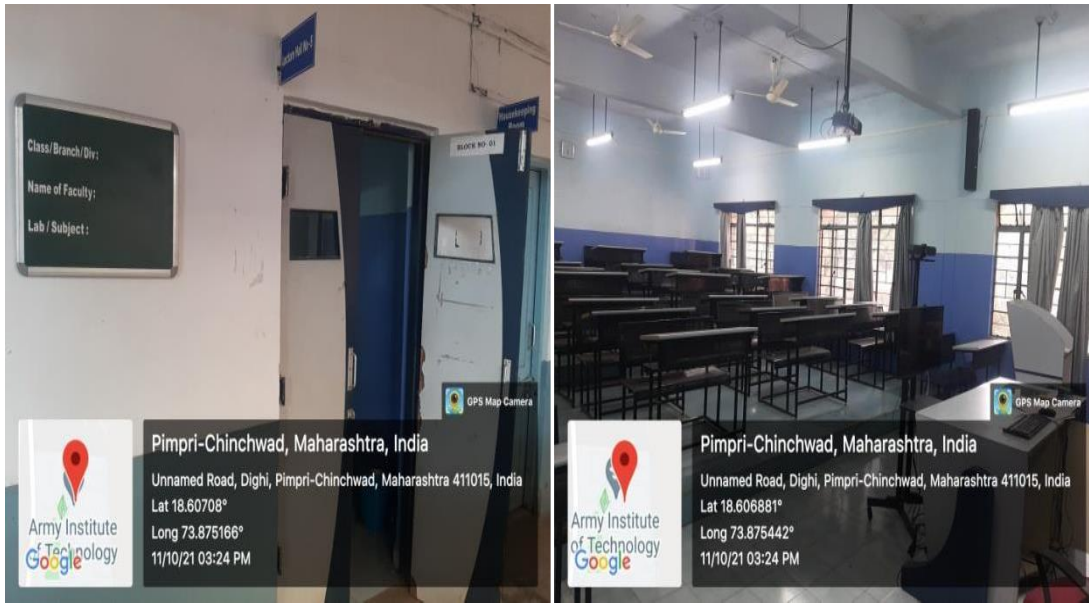
SNo	Lecture Hall No/Name	Department
1.	LH 05	ASGE
2.	LH06	ASGE
3.	LH 13	ASGE
4.	LH 14	ASGE
5.	FE Tutorial Room	ASGE
6.	Drawing Hall I	ASGE
7.	Drawing Hall II	ASGE

Ansah S
29/3/2022

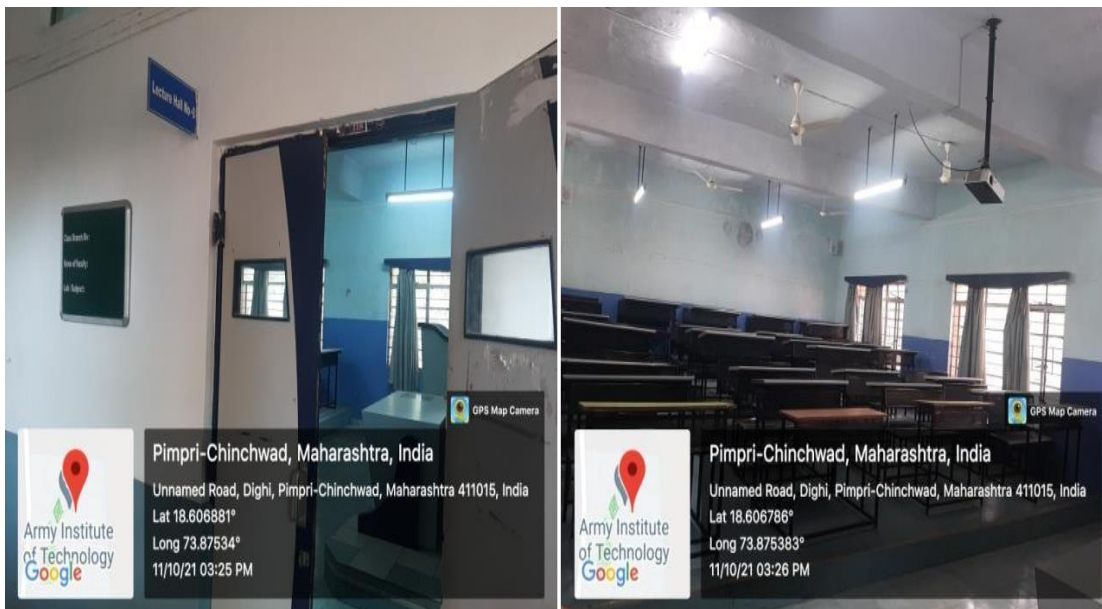
HOD ASGE

Head of The Department
Applied Sciences & General Engineering
Army Institute of Technology
Dreht Hill, Ahmednagar
PUNE-410512, INDIA

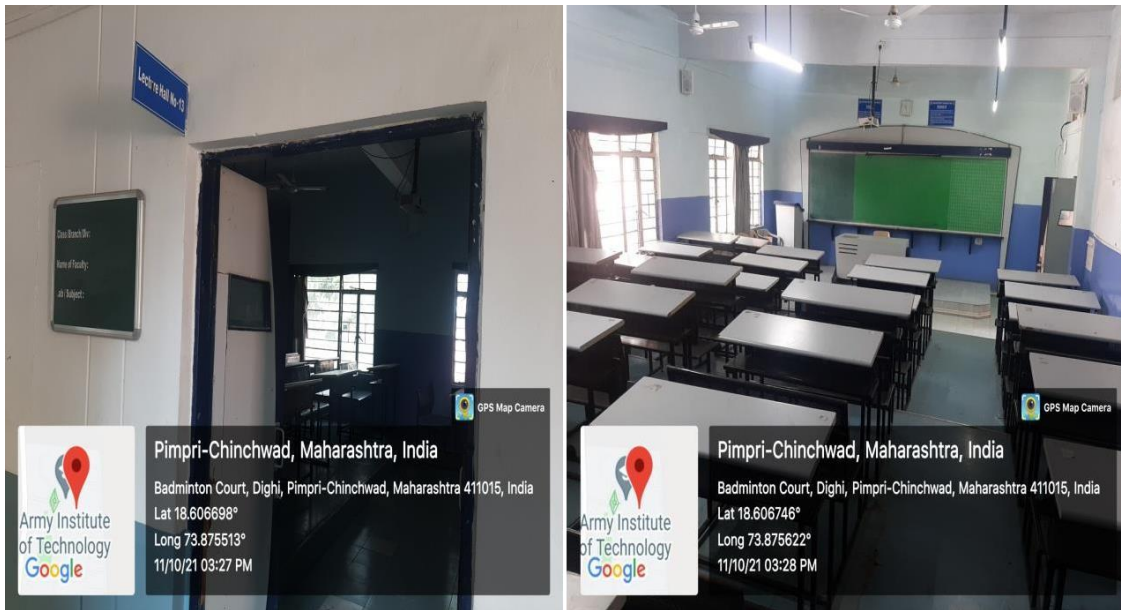
1) LH 05



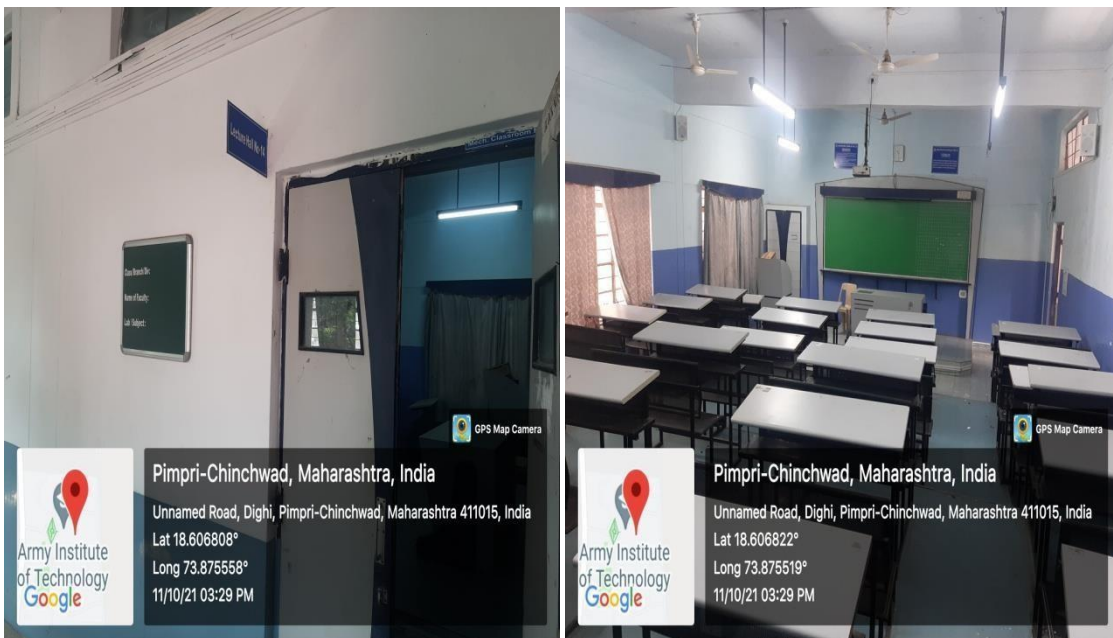
2) LH-06



3) LH 13



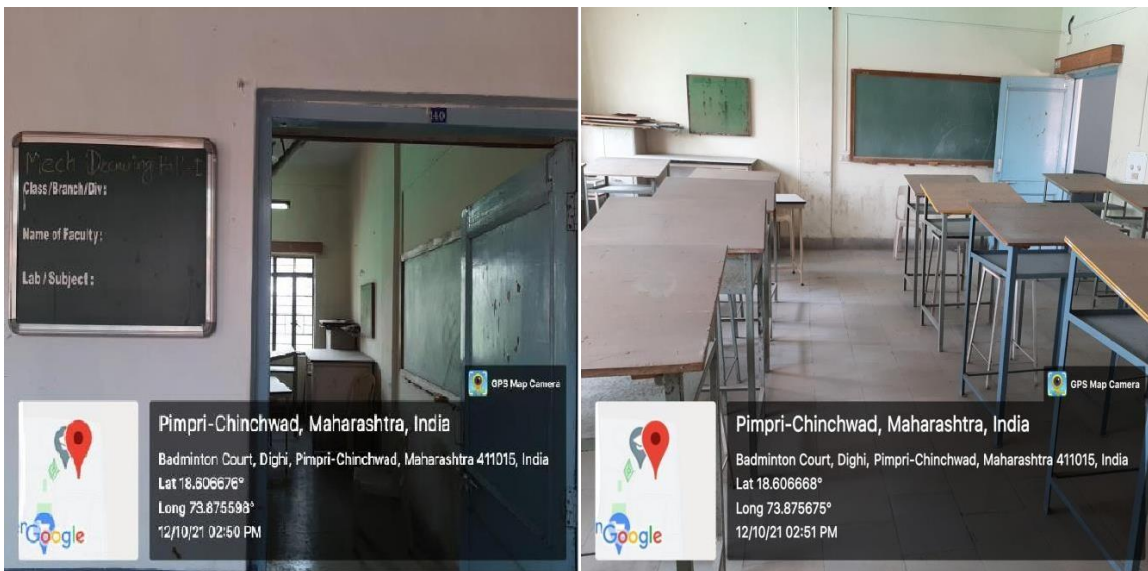
4) LH 14



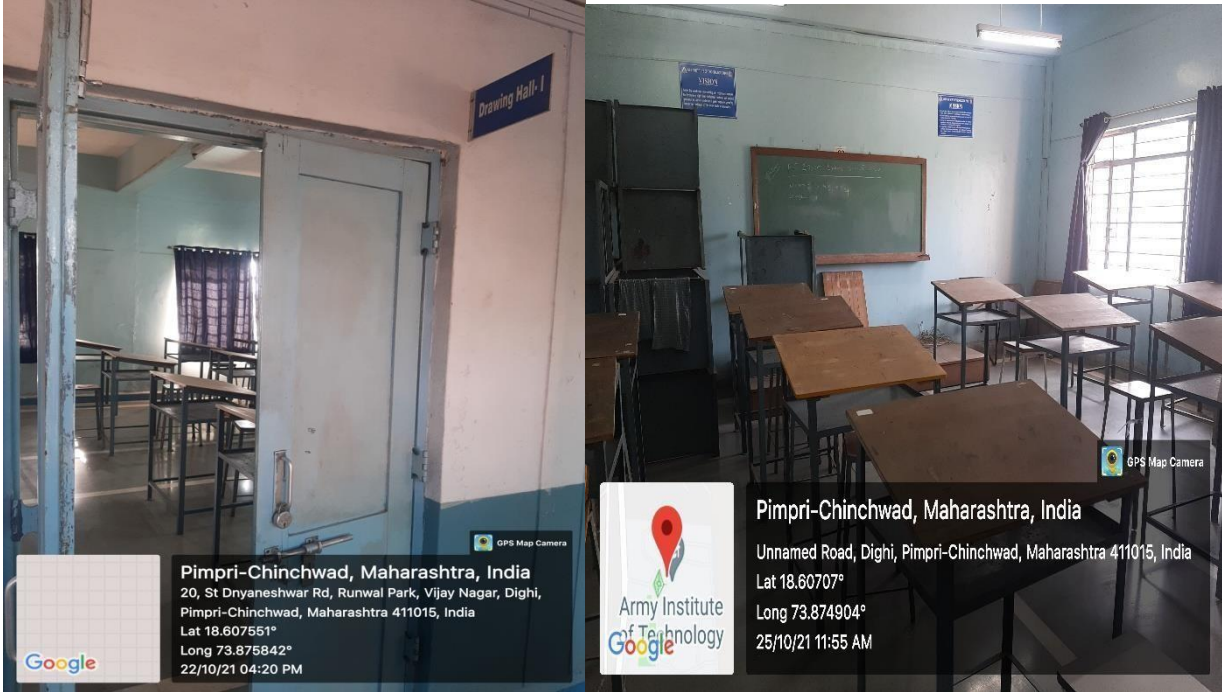
5) FE TUTORIAL ROOM



6) Drawing Hall I



7) Drawing Hall II





Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

6. List of Seminar Rooms

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Carpet Area (m ²)	Link of geo tagged photos and master time table
1.	Gen B. C. Joshi hall	Seminar hall	Podium, Projector	E&TC	367.7	Link of Geo Tagged Photos : https://www.aitpune.com/NAACData/Criteria4/22_23/4_1_3/centralClassRooms_seminarhalls.pdf
2.	Field Marshall Manekshaw Hall	Seminar hall	ICT	Central facility/Placement cell	420.0	



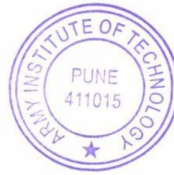

Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015


Army Institute of Technology, Pune

List of Classrooms, Seminar Hall, Drawing Hall & Tutorial Room

Used for Teaching Learning

Sr No	Seminar Hall Name	Possessing Department
1	Gen B. C. Joshi Hall	E&TC
2	Field Marshall Manekshaw Hall	Central facility/Placement cell

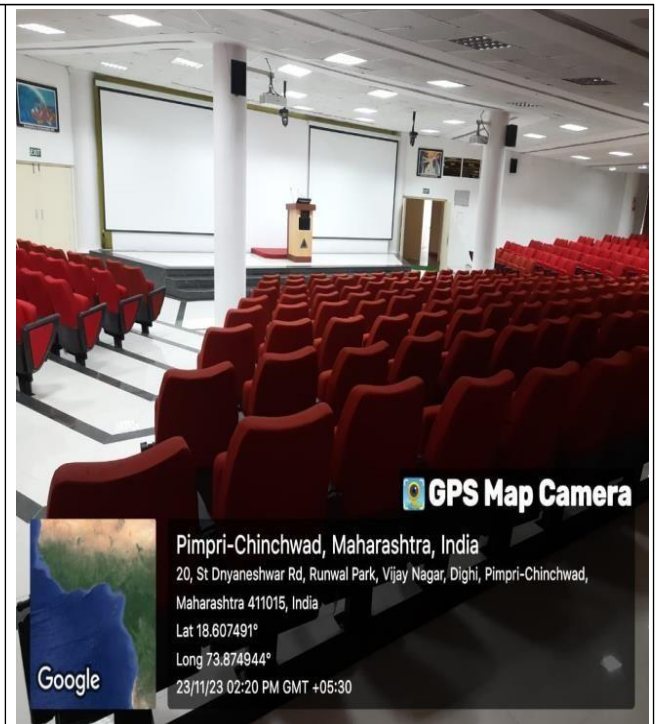
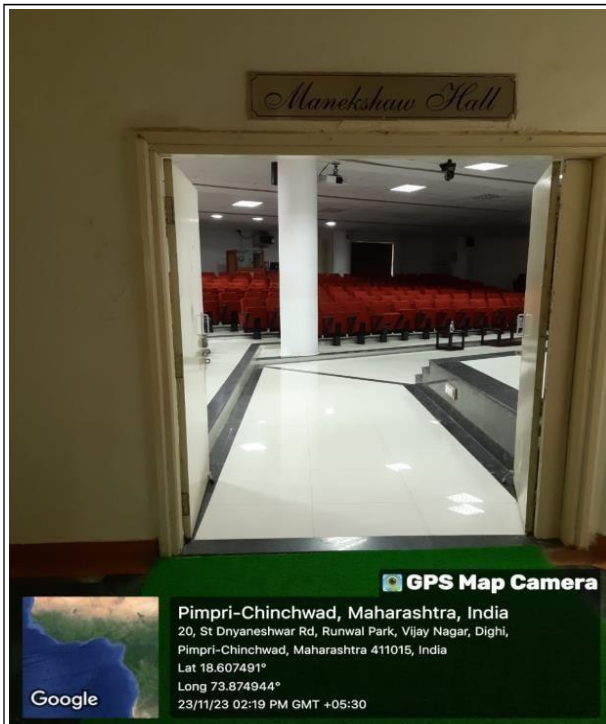



Dr. B. P. Patil
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015

1. Gen B C Joshi Hall



2. Field Marshall Manekshaw Hall





Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Workshop:Machine Shop



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Workshop- 3D Printer



Workshop CNC Machine



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

7. Central Library

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Carpet Area (m ²)
1.	Aryabhata Centre (Ground Floor)	Book Stack Room	-	300
2.		Digital Library	12 Seating	30
3.		Circulation Section	-	20
4.		Librarians Room	-	10
5.		Book Processing Section	-	20
6.		Conference Room	-	10
7.		Compact Storage Section	-	23
8.		Reading Hall	156 Seating capacity fully furnished with Wi-Fi facility.	310




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



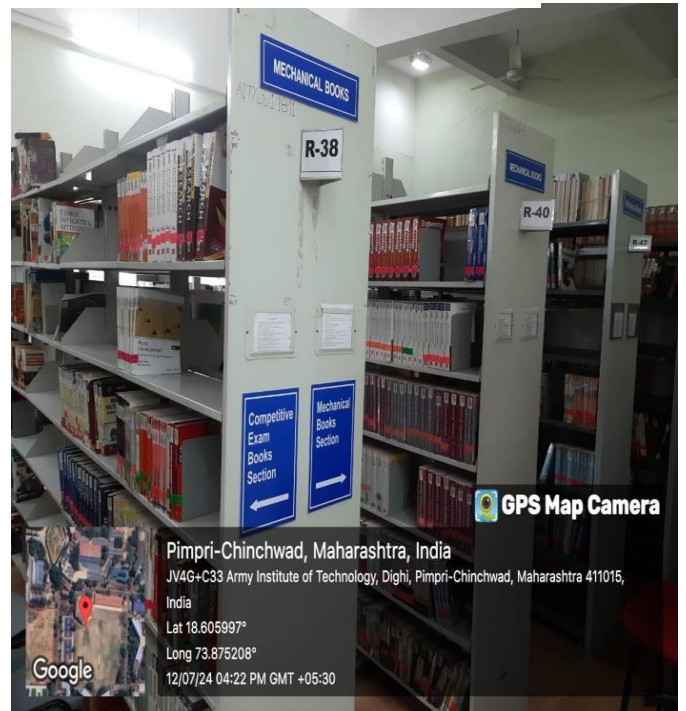
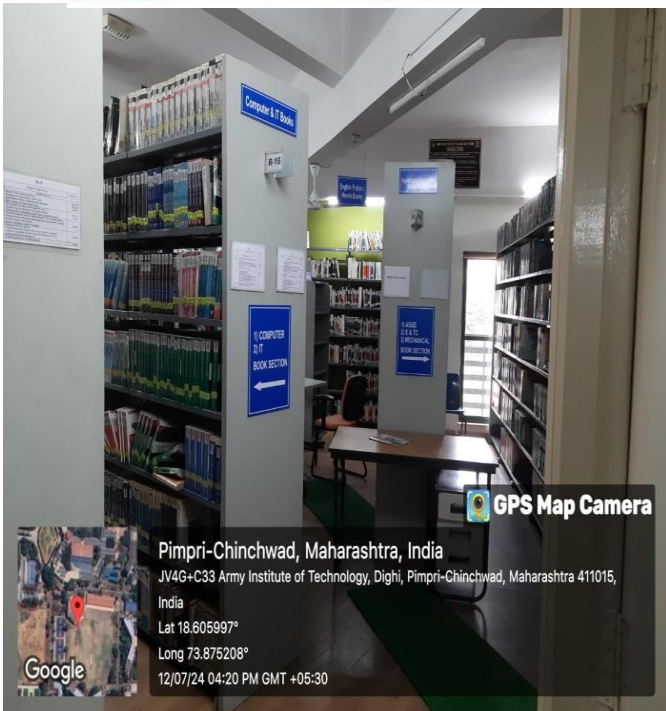
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

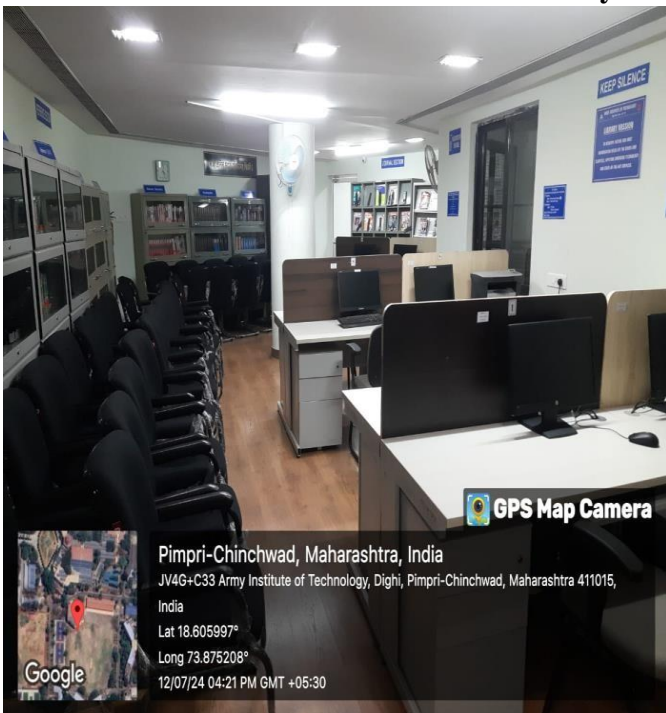
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

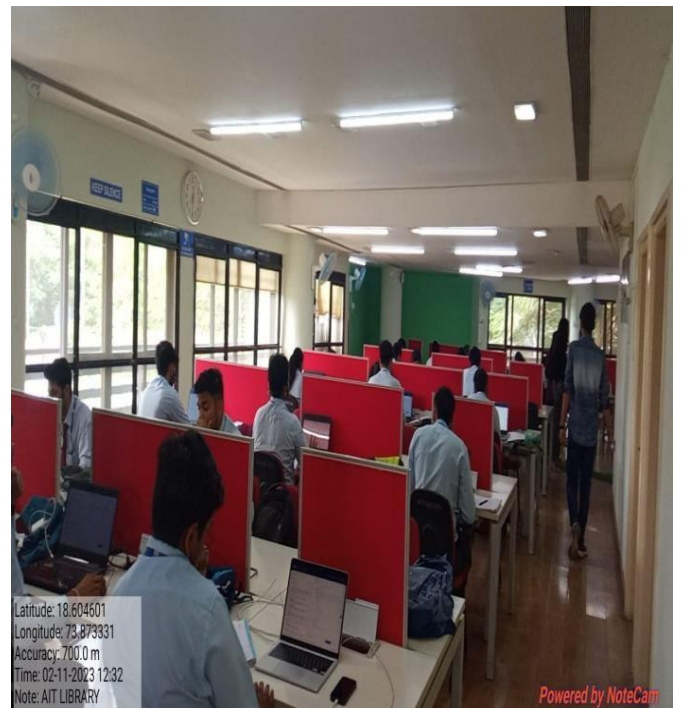
Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Library: Stack Room Section



Library: Digital Section



Library: Reading Hall



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

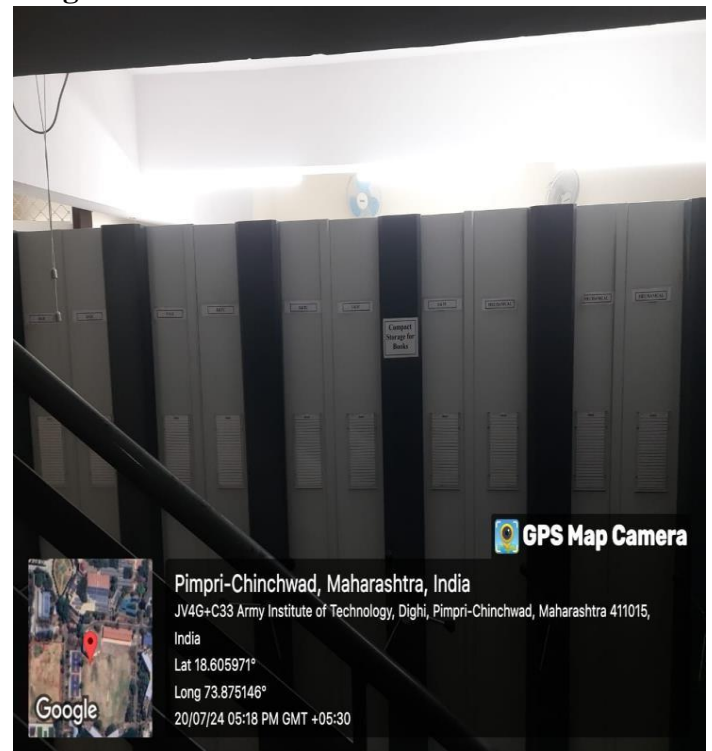
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Library:Reading Hall



Compact Storage Section



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

8. Conference Hall

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Carpet Area (m ²)
1.	Conference Hall (Old)	Conference Hall	Podium, Projector, ICT	Central facility/OS Office	84
2.	Conference Hall (New)	Conference Hall	Podium, Projector, ICT with Video conference facility	Central facility/Computer Department	84




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Old Conference Room



New Conference Room



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Research and Development Cell

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Types of Activities	Possessing Dept.	Carpet Area (m ²)
1.	Research and Development Lab	Laboratory	Research and Development Activities	Central facility/Deal R&D	84



Principal
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Research and Development Lab



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

9. Waiting Room for Visitors

Sr No	Room No	Room Type (Class room/ Seminar room/ tutorial room)	Features (Smart/ICT)	Possessing Dept.	Carpet Area (m ²)
2.	Waiting Room for Visitors	Waiting Room	Sofa set	Central facility/OS Office	33.45



[Handwritten Signature]
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Waiting room



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

10. Lift

Sr No	Parameter	Technical Details
1.	Type of Lift	G+1 upper Floor
	Make	Schindler
	Load Capacity	408 kg (06 Passenger)
	Speed	0.6 m/s or more with single motor
	Power supply	415 volts, 3 phase, 4 wire AC, 50 Hz
	Type of drive	AC variable voltage & variable frequency
	Type of Machine	Gearless and directly coupled, Vertical traction
	Car size	Not less than 1.1 m ²
	Car door	Stainless steel door
	Car enclosure	STD manufacturing with MS frame & stainless-steel scratch free finish panel
	Terminal buffer	Special spring buffer
	Flooring	PVC Non skid
	Signals	1) Combined luminous hall buttons with digital hall position indicators at all floors
		2) Vacuum filled Display for car position indicator of stainless steel and overload warning in car
		3) One No. car operating panel large and braille buttons in car
		4) Car direction indicator in car and landing
		5) Battery operated alarm bell
		6) Overload warning feature in car/ Anti-Crime/ Anti Nuisance
		7) Fireman switch one No per lift to be installed at ground floor near landing door
		8) 3D infra-red sensor safety edge of door of entire height
	9) Built in Announcing system without handset	
	10) All signals fixtures & car operating panel on stainless steel face plate	
	11) The interior of the car should be provided with a device that audibly indicates the floor lift car has reached and indicates that car entrance exit door is open or closed	
	12) Stainless steel handrail	
	Stop and opening	All opening on same side
	Safety device	Automatic rescue device/Automatic landing device all as specified
	Operation	Simplex Automatic Operation



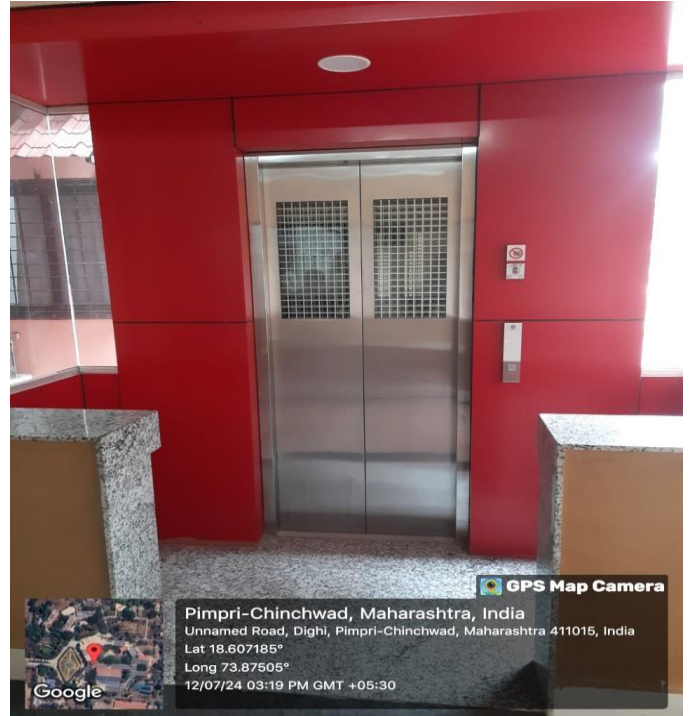
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Lift



Principal
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

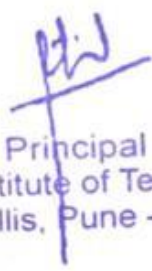
Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

11. Placement Cell

Sr No	Facility	Description	Area/Size (m ²)	Year of establishment	User Rate
1.	Placement office	For training and campus recruitment	75	2014	Almost all the days during campus recruitment and training purpose.
2.	Interview Rooms:	For mock PI, training and interviews of companies visiting for recruitment and interview	26.39		
3.	Group Discussion Room	For GD rounds of companies	41		
4.	Tutorial Rooms		45		
5.	Pantry Section and Dining Hall	For refreshment lunch of companies visiting for recruitment and other trainers/visitors	42+17.55		




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



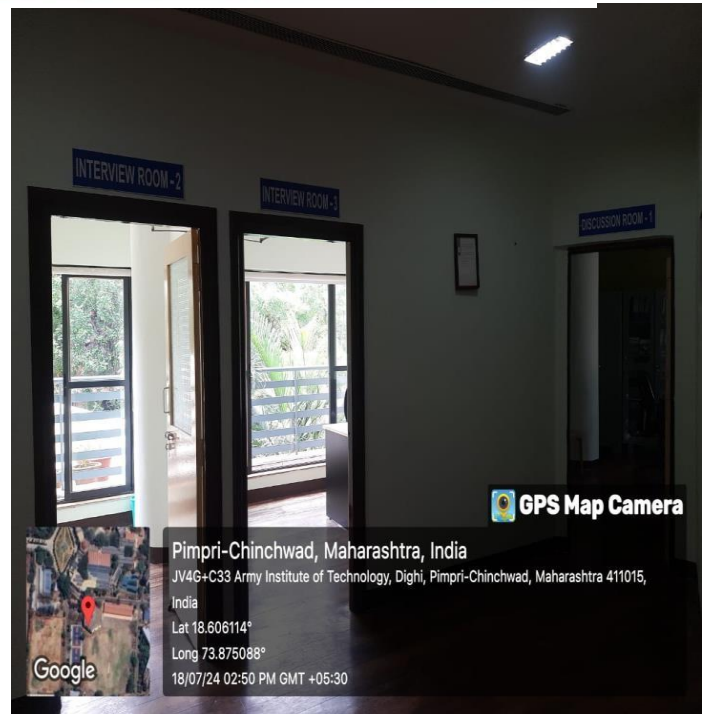
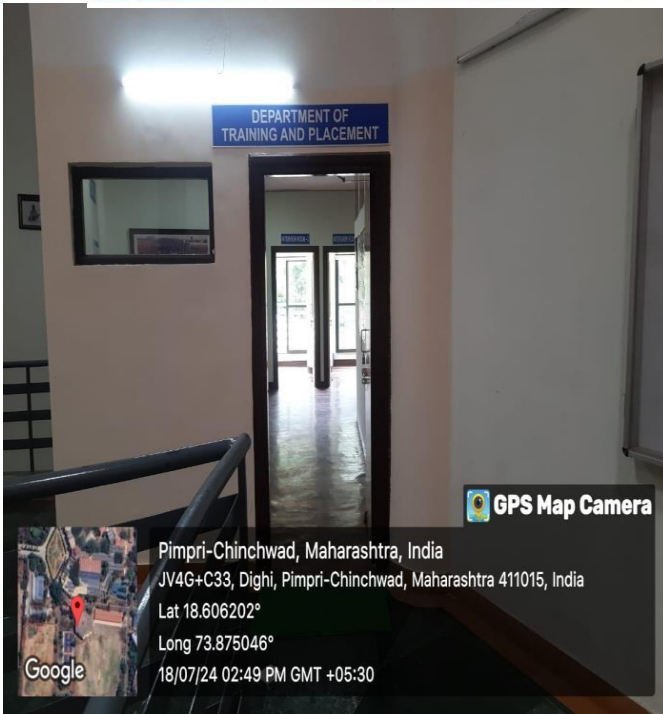
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

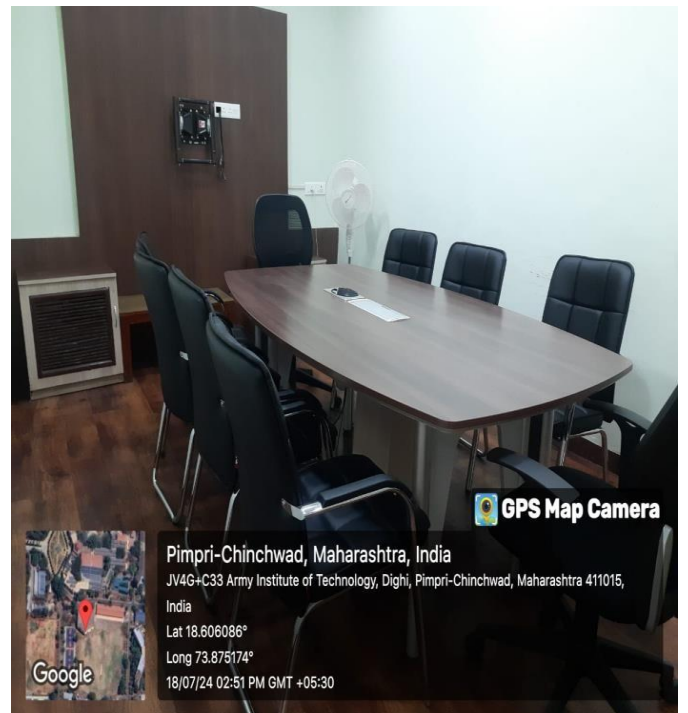
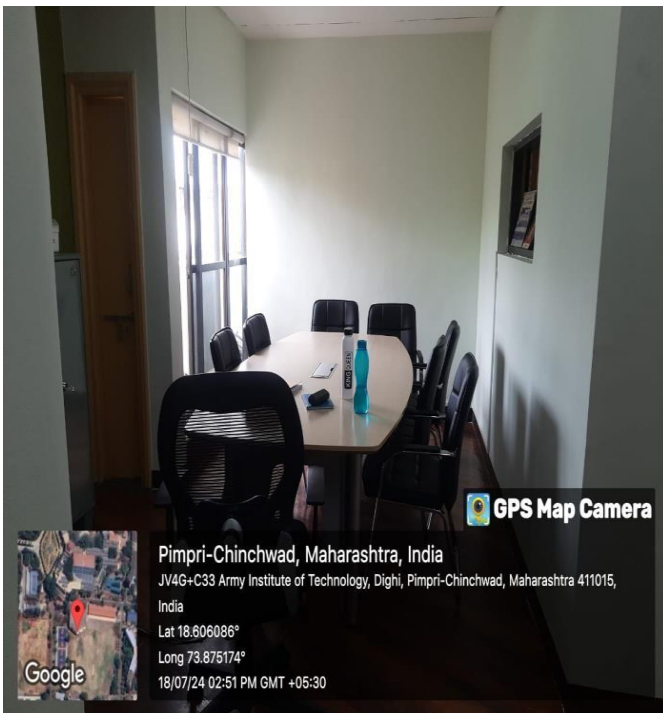
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Placement Office



Placement Office: Group Discussion & Interview Room



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

12. Rainwater Harvesting and STTP

Sr No	Facility	Description	Area/Size (m ²)	Year of establishment	User Rate
1.	Rainwater Harvesting Plant	Central facility: Capacity 28 lakh Liter capacity for emergency use	954	2020	During Summer
2.	STTP Plant	Central facility: 50,000 Liter/day capacity for sewage treatment	880	2014	daily




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

13. Renovation Augmentation of Infrastructure along with Expenditure details:

Sr No	Facility	Room Type (Class room/ Seminar room/ tutorial room)	Description	Expenditure in Rs (lakh)
1.	Field Marshall Manekshaw Hall	Seminar hall	Flooring	10
2.	Gen. B C Joshi Hall	Seminar hall	False ceiling, flooring, Electrification	15
3.	Raman Theatre	Open Air Theatre: Central Facility	Replacement of roofing sheets	8
4.	Squash Court	Sport Facility:	Painting	2
5.	Cricket Ground: Brown to Green	Sport Facility	Laying of Taiwan grass	7
6.	Recreation Room in Hostel	Sport Facility	Indoor playing facility for student (Billiard Board, carom etc) Approximate Area: 188 (93+95) m ²	13
7.	New Central Store	Central Facility	Big space created for new store Approximate Area: 20 m ²	15
8.	Shed for Vehicle	Central Facility	For new vehicle. Approximate Area: 55 m ²	3
9.	Sarv Dharm Sthal	Central Facility	Complete renovation with extra space for seating. Approximate Area: 92 m ²	12
10.	Resurfacing of Roads	Central Facility	Black Topping of Surface: Repair of pot paving premixed bituminous applied primary take coat with paving bitumen Approximate Area: 5306.50 m ²	17.60



[Signature]
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

Summary of Criteria 4.1.1 (b)

The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc

AIT aspires to offer the best opportunity to participate and perform in the most positive spirited cultural, sports activities and other extra-curricular activities to provide opportunities to students to take part in various events. To facilitate this AIT has 08 different facilities to conduct cultural activities, 17 different sport facilities and more than 14 different clubs to provide platform for cultural, sports, co-curricular and extra-curricular activities for overall development of students. AIT has following facilities:

Cultural Activities:

- i) Field Marshall Manekshaw Hall
- j) Gen. B C Joshi
- k) Raman Theatre
- l) Music Room
- m) Aryabhatta centre Basement
- n) Open Air Cafeteria
- o) Radio recording and broadcast room
- p) Open air dance arena
- q) Food Court

Sports Activities:

- r) Cricket Ground
- s) Cricket Net Practice
- t) Football Ground
- u) Basketball Court
- v) Basketball Court (Modified)
- w) Table Tennis
- x) Badminton Court (Indoor)
- y) Badminton Court (Outdoor)
- z) Lawn Tennis Court
- aa) Squash Court



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

- bb) Volleyball Court
- cc) Boxing & Fitness Hall
- dd) Gym for Boys
- ee) Gym for Girls
- ff) Kabbadi Ground
- gg) SSB Obstacles Court
- hh) Recreation Room

Summary of infrastructure for Clubs:

- a) Technical Board
- b) Cultural Board
- c) Dramatics and Quiz club
- d) Fine Arts Club
- e) COE for AI, Robotics Club
- f) Magazine Board
- g) NSS Club
- h) MATHS Club
- i) Sports Club
- j) Spiritual Club
- k) Open Source Software Club
- l) SAE Collegiate Club
- m) Nature Club
- n) Radio Club
- o) Programming Club
- p) Information Security and Digital Forensics Club
- q) EV Cell
- r) Cycling Club
- s) Competitive Coding Club
- t) AR/VR club
- u) Quantum Club




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

14. Infrastructure Details and Statement of Cultural activities

Sr No	Facility	Description	Area/Size (m ²)	Year of establishment	User Rate
1.	Field Marshall Manekshaw Hall	Air conditioning, PA system, dual projection system, internet connectivity	Seating Capacity - 330 Area: 420.0	2014	Thrice a week
2.	Gen. B C Joshi Hall	Air conditioning, PA system, projection system, internet connectivity	Hall Capacity 170 Area: 367.7	17 May 2002	Once a week
3.	Raman Theatre	PA system, Wi-Fi, projection system	Capacity- 1200 Area: 1230	2004	Once a week(daily during festivals)
4.	Music Room	Synthesizer (02), tabla, kango, harmonium and band	Area: 48	2016	Twice a week
5.	Activity Center: Aryabhata Basement	Open space used for different events like: Solutions, Technical Aakriti, etc.	Area: 374	2014	Once a fortnight
6.	Open Air Cafeteria	Open space	Area: 26	2000	Twice a semester
7.	Radio recording and broad	PA system, Audio Mixer and 02 PC	Area: 27.88	2016	Daily



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

	casting room				
8.	Open air dance arena	Open space	Area: 1230	1998	Twice semester
9.	Food Court	Covered	Area: 160	2018	Daily



Principal
Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Gen. B C Joshi Hall



Field Marshall Manekshaw Hall



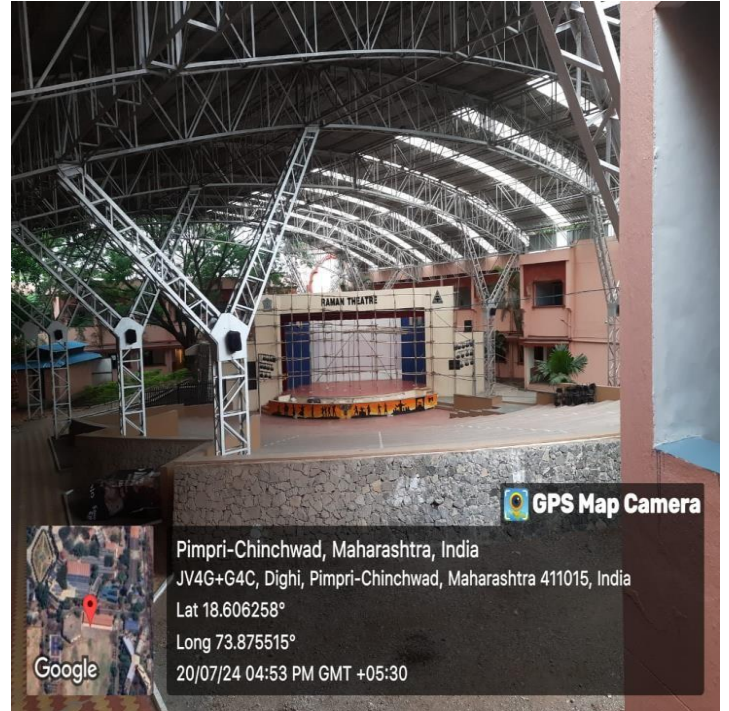
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

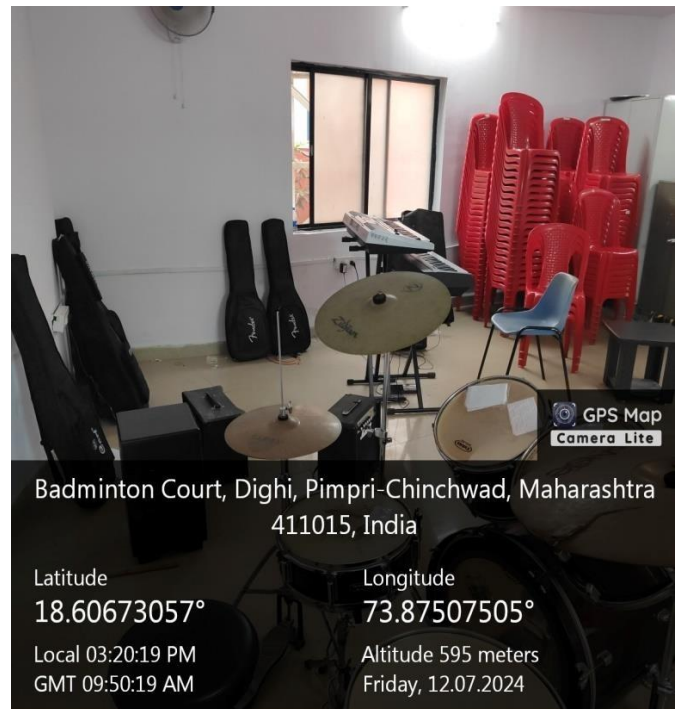
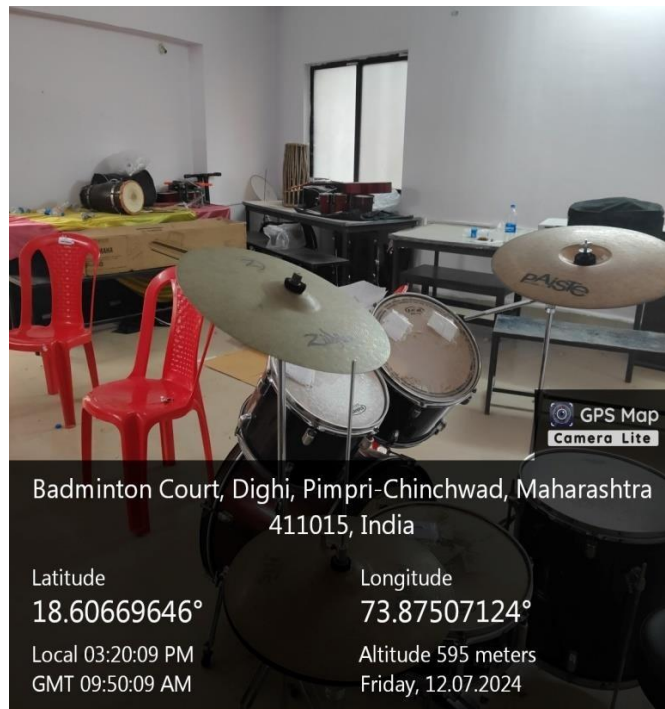
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Raman Theatre



Music Room



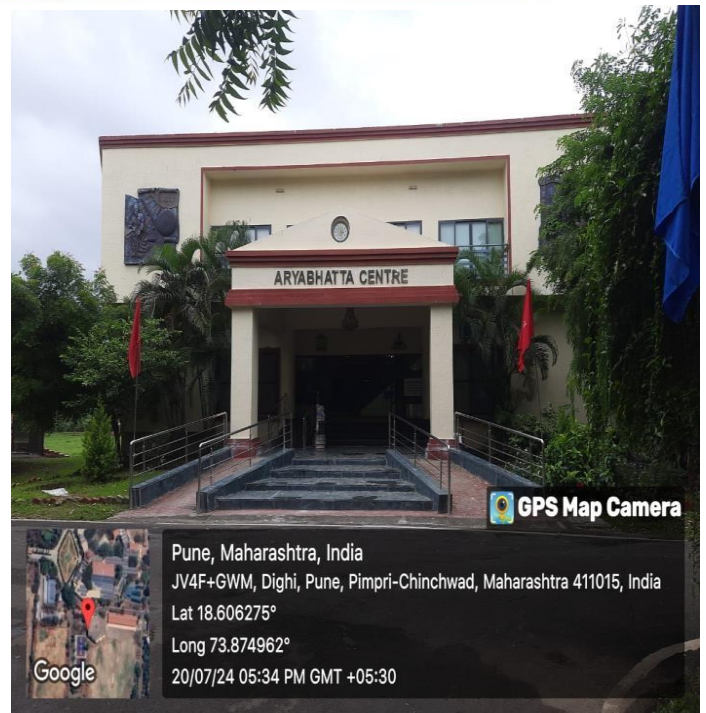
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

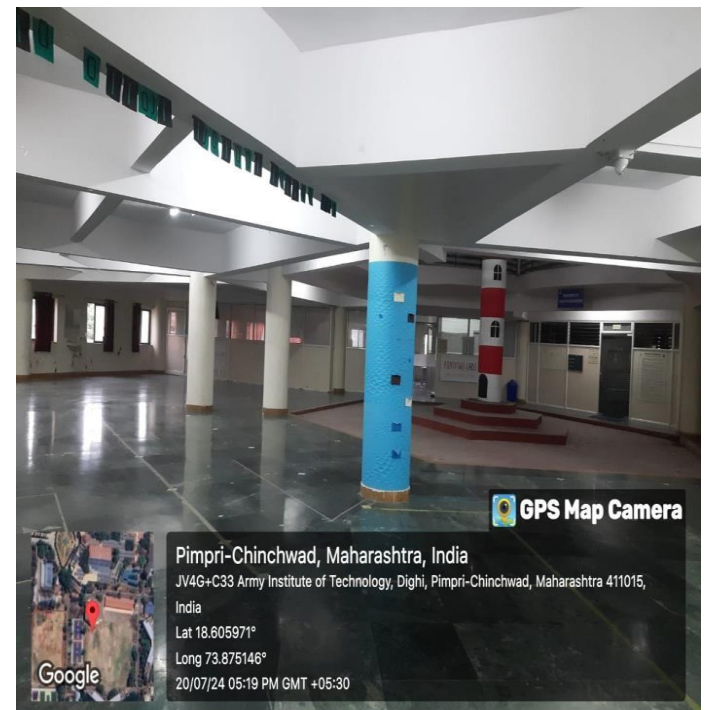
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Activity Center: Aryabhata Main Entrance



Activity Center: Aryabhata Basement



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

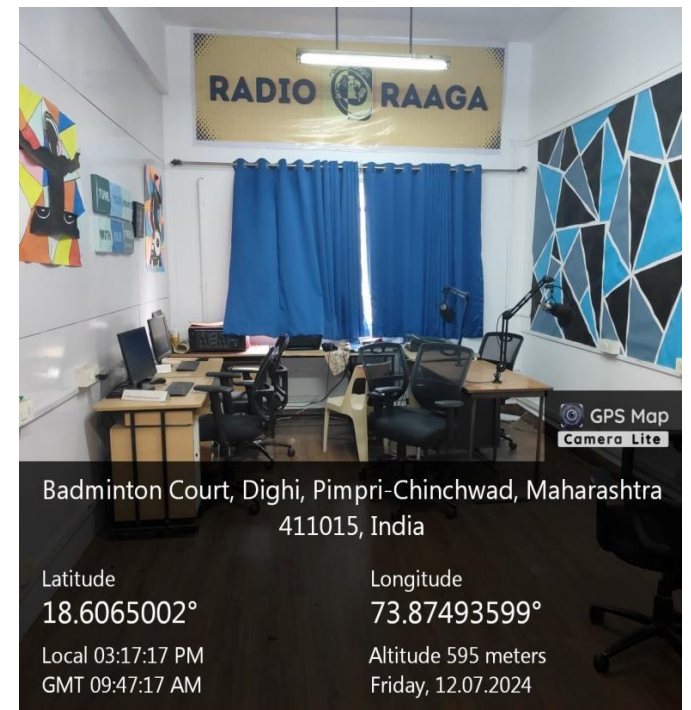
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Open Air Cafeteria



Radio recording and broad



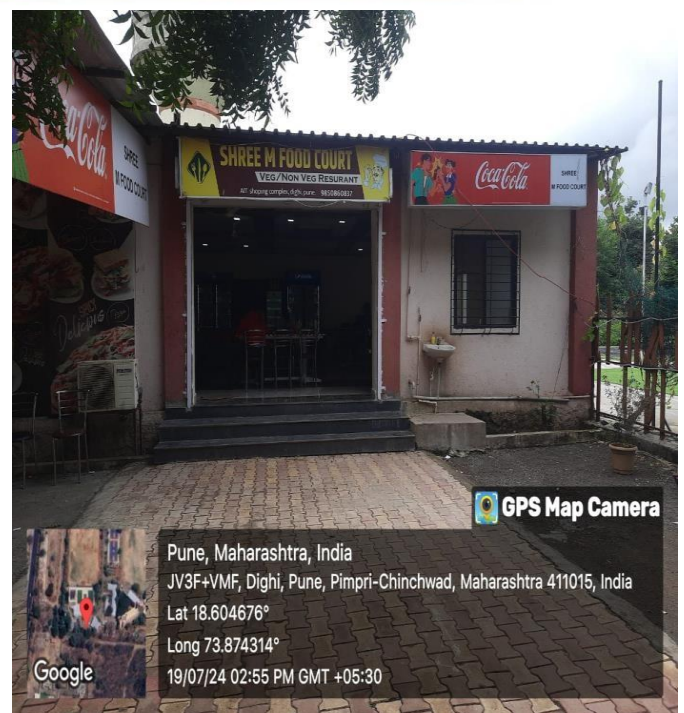
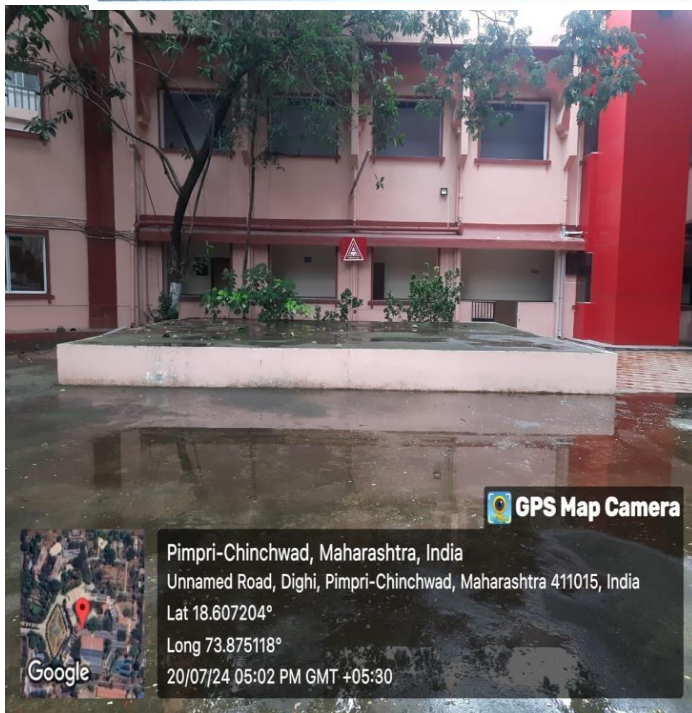
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

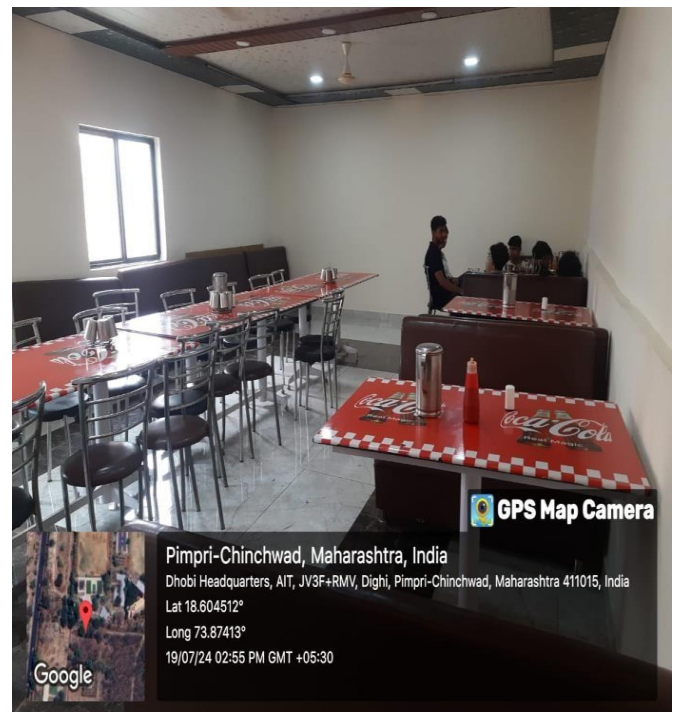
Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Open air dance arena



Food Court



Food Court



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

15. Infrastructure Details and Statement of Sports activity area

Sr. No.	Sports Facility	Qty	Area/ Size	Type of Flooring	Outdoor/ Indoor/ Covered	Year Of Establishment	User Rate
1.	Cricket Ground	01	Standard Size 86m×70m	Grass	Outdoor	1994 re-laid 2021	Every day between 06.00 am to 07.30 am and 04.45 pm to 07.30 pm around 100-150 students make practice on cricket ground.
2.	Cricket Net Practice Pitch	02	Standard Size 50m×10m	Artificial Turf	Covered	2019	
3.	Football Ground	01	Standard Size 110m×60m	Grass	Outdoor	1994 re-laid 2019	Every day between 06.00 pm to 07.30 pm around 150-200 students make practice on football ground.
4.	Basketball Court	02	Standard Size 28m×15m	Star	Outdoor	1995 and 1997	Every day between 06.00 am to 07.30 am and 04.45 pm to 09.30 pm around 100-150 students make practice on Basketball Court.
5.	Basketball Court (Modified)	01	Modified	Cemented	Outdoor	2020 (for Girls)	



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr. No.	Sports Facility	Qty	Area/ Size	Type of Flooring	Outdoor/ Indoor/ Covered	Year Of Establishment	User Rate
6.	Table Tennis and Carom	04+02	Standard Size	Cement	Indoor	1994,1996, 1998,2000	Every day between 06.00 am to 07.30 am and 04.45 pm to 09.00 pm around 25-40 students make practice on Table Tennis.
7.	Badminton Court (Indoor)	02	Standard Size 13.4m×6.1m	Synthetic	Indoor	2019 re-laid 2020	Every day between 06.00 am to 07.30 am and 04.45 pm to 09.00 pm around 30-50 students make practice on Badminton Court.
8.	Badminton Court (Outdoor)	03	Standard Size 13.4m×6.1m	Cement	Outdoor	2019 and 2020	
9.	Lawn Tennis Court	01	Standard Size 23.77m×10.97 m	Star	Outdoor	2006	Every day between 06.00 to 07.30 am and 4:45 to 9.00 pm around 30-40 students make practice on Lawn Tennis Court.



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr. No.	Sports Facility	Qty	Area/ Size	Type of Flooring	Outdoor/ Indoor/ Covered	Year Of Establishment	User Rate
10.	Squash Court	02	Standard Size 9.75m×6.4m×4 .57m	Wooden	Indoor	1998	Every day between 06.00 am to 07.30 am and 04.45 pm to 09.00 pm around 30-40 students make practice on Squash Court.
11.	Volleyball Court	02	Standard Size 18m×9m	Mud	Outdoor	1998	Every day between 06.00 am to 07.30 am and 4:45 to 9pm around 80-100 students make practice on Valley Ball Courts
12.	Boxing & Fitness Hall	01	Well equipped	Rubber Mat	Indoor	2021	Every day between 06.00 am to 07.30 am and 4:45 pm to 9:00pm around 30-50 students come for fitness.
13.	Gym for Boys	01	Well equipped 12.5m×6.8m	Rubber Mat	Indoor	2000	Every day between 06.00 am to 07.30 am and 4:30 to 9pm around 100-150



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Sr. No.	Sports Facility	Qty	Area/ Size	Type of Flooring	Outdoor/ Indoor/ Covered	Year Of Establishment	User Rate
14.	Gym for Girls	01	Well equipped	Rubber Mat	Indoor	2010	students do workout in gyms. Regular training takes place in the Morning and evening under the guidance of gym trainers.
15.	Kabbadi Ground	02	Standard Size 13m×10m	Mud	Outdoor	2018	Every day between 06.00 am to 07.30 am and 05.00 pm to 09.00 pm around 50-70 students make practice on Kabbadi Ground.
16.	SSB Obstacles Court	01	650m ²	Mud	Outdoor	2021	Every day between 06.00 am to 07.30 am and 05.00 pm to 06.30 pm around 30-40 students make practice on SSB Obstacle Ground.



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186


Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

Sr. No.	Sports Facility	Qty	Area/ Size	Type of Flooring	Outdoor/ Indoor/ Covered	Year Of Establishment	User Rate
17.	Recreation Room	02	188 (93+95) m ²	Billiard Board: 3 nos , Carrom board : 5 nos	Indoor	2022 &2023	Daily 16 students at a time.




Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Sport Club: Basketball Courts



Sport Club: Badminton Court



Sport Club: Volleyball courts



Sport Club: Kabaddi Court



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Sport Club: Table Tennis



Sport Club: Squash Court



Sport Club: Football Ground



Sport Club: Cricket Ground



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

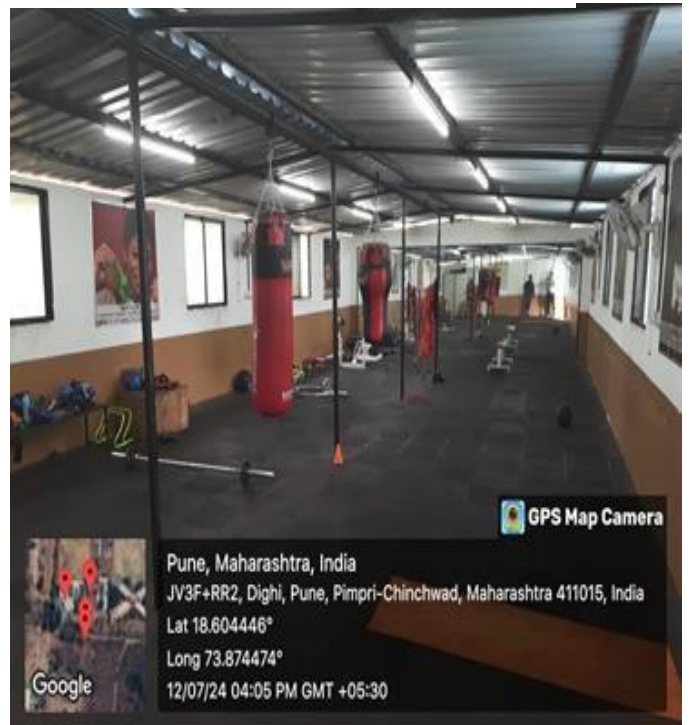
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

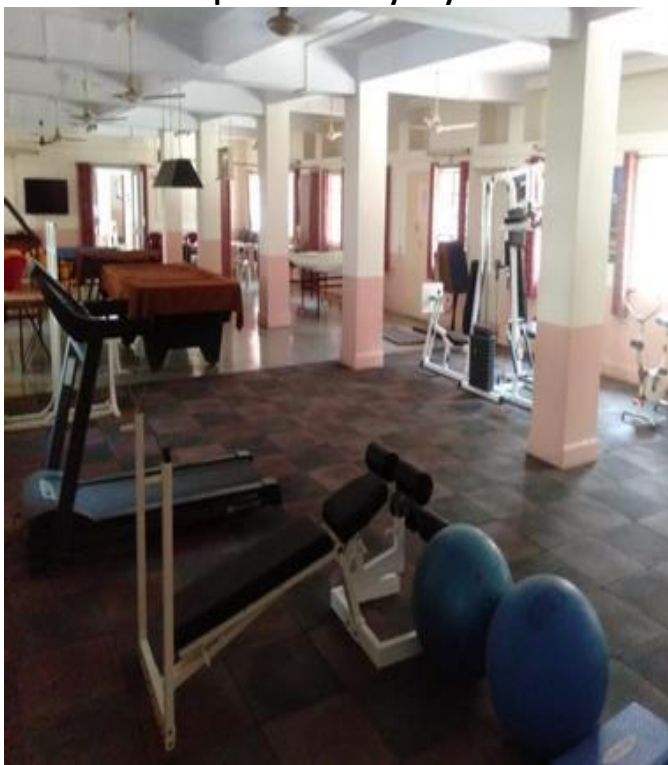
Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



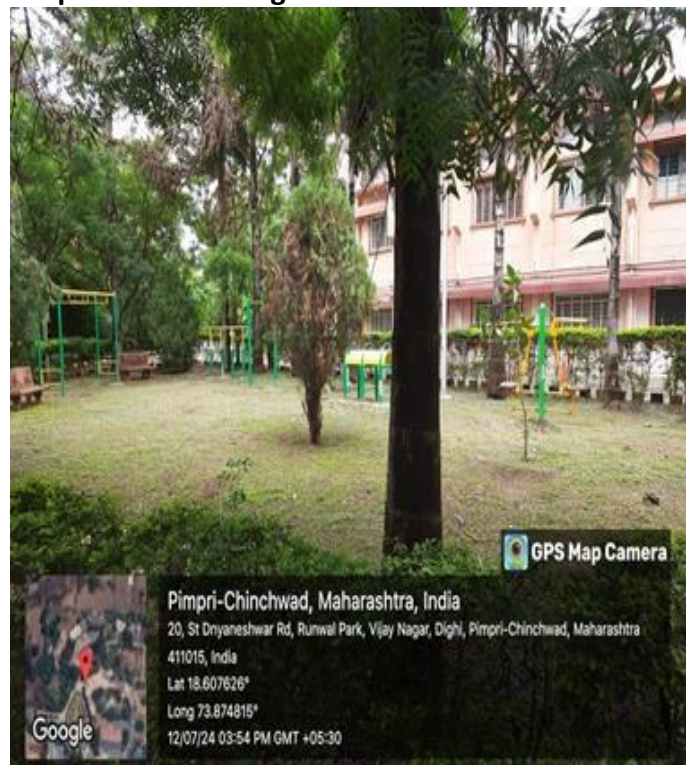
Sport Club: Boys Gym



Sport Club: Boxing Hall



Sport Club: Girls Gym & Recreational Hall



Sport Club: Open Gym



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Sport Club: Boys Recreational Room



Sport Club: SBB Obstacle Training Ground



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

16. List of Clubs and events Organized

Sr No	Name of Club	Number of Events organized
1.	Engineering and Technical Board	<p>Technical Board</p> <p>Engineering and Technical board has its motto to deliver information regarding every happening in the gallery of engineering world that is competitions, seminars and conferences taking place out there.</p> <p>Total: 9 sub events are organized</p> <p>1. Talk by Vispi Karkaria on DIGITAL AND AI TWINS</p> <p>Dated: 26th August 5:00 PM</p> <p>Venue: BC Joshi Hall</p> <p>A magnificent speech with a motivational aura by Mr. VISPI NEVILLE KARKARIA, PhD researcher at North Western University, Illinois, USA. This live session was conducted by the TECHNICAL BOARD OF AIT in the remarkable hall of famed General BIPIN CHANDRA JOSHI (RETD.). A good amount of 30 interested fellows attended the live session with great enthusiasm. The session was followed by great counter questions and doubts by the listeners, about how to implement the AI Twins in carrying out big time data analysis. He focused on why Data analysis is required, and why we needed to be one, as the market is evolving so is the requirements of daily activities and the need for simplistic and adaptable technology. Giving an example of a Tesla Model of how it AI adapts to the environment and how it can adapt to Indian roads with great speed bumpers and a massive traffic. He used a very simple way to explain sophisticated terms and interacted with the fellow audience. Through the session Mr. Karkaria picked up a great response from the audience.</p> <p>On the lovely evening Mr. Karkaria discussed about the Digital</p>



and AI Twins and its practical applications. The explanations included that a digital twin is a digital representation of a physical object or system. The technology behind digital twins has expanded to include buildings, factories and even cities, and some have argued that even people and processes can have digital twins, expanding the concept even further. Furthermore, a digital twin begins its life being built by specialists, often experts in data science or applied mathematics. These developers research the physics that underlie the physical object or system being mimicked and use that data to develop a mathematical model that simulates the real-world original in digital space. He explained all this with a well detailed presentation on the topic. Giving out real life examples of where digital and AI twins can be implemented. At the end of the session Mr. Karkaria gave out a motivational speech of studying abroad this was very beneficial for the students. The TECHNICAL BOARD OD AIT presented him with a gift and had a photography session.

2. COGNITARE (ENGINEER'S DAY CELEBRATIONS)

Dated: 15th SEPTEMBER 5:00 PM

Venue: Manekshaw Hall

“As curious as little minds, as creative as da Vinci’s designs, as flexible as a climbing vine and a great observer all the time.” -

Sir Mokshagundam Vishveshwaraya

On a very special occasion of Engineer’s Day, the TECHNICAL BOARD of AIT conducted a great event. It was held in the renowned SAM MANEKSHAW HALL. A figure of 33 tech enthusiasts came to the event. The room was filled with motivated future engineers. All engineering year students participated in the event. The board chose Kahoot as a platform



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

to conduct the event. The event kickstarted with a devotional speech from the joint secretaries. Engineers' Day was established by the Indian government in 1968, on the birth anniversary of Sir Mokshagundam Vishveshwaraya and this was his 162nd. Since then, this day has been observed to honor and recognize all engineers who have contributed to the development of a modern and developed India, as well as those who continue to do so. Vishveshwaraya was the chief engineer for construction of Krishna Sagara dam on Kaveri River in Mysuru, which was the biggest reservoir in Asia during his time. Visvesvaraya revolutionized the irrigation system in India by implementing irrigation and drinking water systems all over the country. There were other mentions of magnificent personalities like APJ ABDUL KALAM, E SREEDHARAN, SATISH DHAWAN, PRIYA BALASUBRAMANIAM and SUNDAR PICHAI.

3. SNAPHUNTS

Date: 10th OCTOBER, 2022 5:00 PM

Venue: Central Gazebo

The Technical Board has conducted another fabulous event, Snaphunts. This event was kept exclusive for first year students. So, the whole first year batch participated in this enthusiastic event, everyone more curious than the other. There was 70+ teams, that is 280+ students participated. It started just after the induction. The event kickstarted with an introduction to the event while the induction and the students were briefed to be at the Central Gazebo. This time it was google forms for a change. There was a team of 4 people. The riddle set consisted of 15 questions that pointed out certain places in the campus that the first-year students were introduced to at the time of campus tour.



Each riddle funnier and sophisticated than the last one. Later on, scanners kept popping up on the participant's phones. Everyone got their set of riddles and vanished into the campus. Fascinating and cunning minds just swift past the other groups trying to solve the riddle. After an hour, the event wound up with students returning to the starting point and notifying the board members for completion of the quiz set and successfully submitting the google form. Another successful and exciting event came to an end with the declaration of results on the social media handle of the board.

4. QUANTIVISUALS

Dated: 20th OCTOBER 6:00 PM

Venue: Manekshaw Hall

The Technical Board of AIT conducted a yet another successful and amazing event, Quantivisuals. It took place in the MANEKSHAW HALL dedicated to the Field Marshall Sam Manekshaw. A great number of 110+ tech enthusiasts participated in the event. It started with a heartwarming welcome to all by the board as it was the second event after SNAPHUNTS. For a change the board chose SLIDO as a platform to conduct the event and was a smooth flowing website. The questions were based on CS Fundamentals and aptitude questions ranging from easy to complex ones. It consisted of total 35 questions each having different time limits, making it even more interesting. The event started with best wishes and the participants were off brainstorming. There was a tough tussle on the leaderboard as the participants fought their way up. At the end, it was a close call on the leaderboard and the event came to an end. It was declared by the board that results to be declared on the social media handle.



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

5. IDEATHON

Dated 4th November 2022 5:00 PM

Venue: Manekshaw Hall

In series of great events, The Technical Board of AIT, conducted “Ideathon” which is also a part of Technical Aakriti. The event had 2 rounds. The participants were informed well before time through the social media handles of the Technical Board, and we received great participation for the first round. In the first rounds the teams were supposed to submit their original and innovative ideas through presentations. After all the submissions, the best 15 ideas were picked up and were called for Round 2. In the second round each team was supposed to present their ideas to the teachers within 9 minutes. Last one minute was reserved for questions. All the teams presented their ideas beautifully, they explained how they look forward to implement their idea and gave the pros of their project. A healthy interaction was observed between teams and teachers. The ideas were judged on the certain parameters such as originality, practicality, cost of its implementation etc. The second round went on for around 3 hours and after all the presentations were over, the committee of teachers went on to declare the winners of the event. The event ended successfully with a lot of learning for all the participants.

6. VULCAN

Dated: 11th November 2022 5:00 PM

Venue: Manekshaw Hall

The great event of Vulcan arrives with the best paper writing event in the institute. This was a two round event that included participants to write a research paper on a vast range of given topics to choose from, in addition to their personal topics. The



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

participants had to do this in a group of 3 – 4 members and submit the paper in a provided format to a specific email id of the board. The submissions were in great numbers. And there was a fixed quota for first termers to participate in the event. After selecting from a set of groups and passing each one of them through defined criterion of plagiarism check, a total of 15 groups were selected. The anchors started the event with great quotes and giving a heart-warming welcome to the knowledgeable staff members who were also the judges for the event. The teams were called upon the stage and introduced with their team's name, plagiarism percentage and other necessary details. In the second round the teams needed to present a presentation on their topics in a detailed manner and its implementation with a time limit of 9 minutes and an extra 1 minute for questions and answers. This went on a loop with all 15 teams giving their best performances and a detailed presentation on their topics. At the end of the event, the staff members compiled their decisions and points and gave it to the board members to select the winners of the event. The result was then declared on the social media platform of the board.

7. TECHFEST (IIT BOMBAY)

Dated - 16 Dec to 17 Dec 2022

Venue - IIT Bombay Campus

a. INTERNATIONAL EXHIBITION

A spectacular exhibition was organized by IIT Bombay during TechFest 2022 showcasing some of the innovations from around the world. It was one of the most visited programs of the TechFest and was open for all three days of the fest. People were really excited to visit the exhibition. As the event was really popular among the viewers, people had to wait in a long line to



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

get in. But the wait was worth it, as you entered the exhibition, at the first booth, there were two cute robots waiting to interact with you which was quite fun. Then after advancing in the exhibition, you come across some of the really cool inventions and techs. There was a new part for gripping the objects in drones called Raptors, different robots from different companies, a driver's safety solution device etc. In each booth people were exposed to new fountains of knowledge. Every booth taught one or the other thing. Also, it was a great opportunity for connecting to the people as people from all around the world had come there. Apart from international companies there were many Indian tech and research companies that were showcasing their products. DRDO had come with some combat vehicles and missiles, ISRO with miniature models of the satellites that they have launched etc. They ended the exhibition in the best way possible by showcasing the F1 racing car made by Mahindra & Mahindra, such a beautiful car. It was one of the most memorable events of the Techfest 2022.

b. AUTO EXPO

The event auto expo was held in three different phases from 16 to 18 dec where all the luxury cars were present to grab the attention of the audience out there. Some of the brands worth mentioning were Mercedes Benz, Audi, Porsche, BMW, Nissan etc . Various sports car was also present there where the sound and the roar they made while entering the stage was on another level where the sound echoing miles to the whole campus, grabbing and developing the interest of other persons to have a look over them. The total cost of all the cars featuring in event would be in millions of dollars thus giving us the insight of luxury and performance they provide. The enthusiasm of the



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

people to just have a look over all these cars were on another level. Auto expo gave a platform where all the automobile companies show their new concepts, technology, and new ideas to influence the people. All the companies show their competition skills. Many new cars with electric technology with luxury and comfort were introduced by the Mercedes, Audi, Porche and various other industry giants. The main aim to conduct these exhibitions was to present a stage where the companies showcase their new technologies. The auto expo comes under various exhibitions event of Techfest. Every year, Exhibitions mesmerizes thousands of young minds by presenting technological avant-grade of the world, helping them to broader their vision and to update their technical know-how

c. UNMANNED AUTONOMOUS GROUND VEHICLES

The technical board conducted a trip to Indian Institute Of Technology Bombay for techfest 2022. The main attraction there was TechConnect which is an exhibition placed within the campus where the prototypes built or technologies invented by the IITians were showcased to the tech enthusiast's and the students who were a part of the prototypes, disseminated about their projects and explained about the working model and functions of the prototypes. Unmesh Mashruwala Innovation Cell Iit Bombay Presented Project SeDriCa (Self Driving Car) IITB has a 5 years of experience in autonomous vehicles and had won awards like IGVC 2017 which was organized in Michigan, USA and in Mahindra Rise Driverless Car Challenge were among TOP 11 Teams out of 250 in INDIA and were awarded a MAHINDRA E20 CAR for development and research purposes the developed car has a Dual Camera Setup with lane detection and has a high Accuracy GPS for localization and path planning



and Stereo Vision Camera with depth sensing technology and a 2D LiDAR sensor to detect obstacle detection system for detecting objects in front of the self-driving car.

d. ROBO WAR

A huge event of robotics called robowar was held in OAT. It was a very energetic event where 2 (or more) teams bring their robots in robocar arena to fight with each other's robots. The arena was 32*32*12 ft closed arena. It was closed by metal strips and polycarbonate sheets. It was finals of 15 kg weight category. The rules were simple robots could have any dimensions but their weight could not exceed 15Kg. robots were allowed to use any kind of magnetic weapons, cutters, flippers, saws, lifting devices, spinning hammers etc. A good amount of 2000 follows attended the event with great excitement. In finals, 3 teams A, B, C were ready to fight with their opponents. Along with teams, audience was also very excited for the match. And then whistle was blown, ROBOWAR! The match was started. In the beginning of the match, Robo A starts off very well by giving some hard hits to their opponents. Robo A was showing his strength. Robo B had very nice and very unique stability mechanism. And Robo C seemed very strong and stable. The match was going very well but robot B got movement issues after getting some strong hits by Robo A and Robo C. Team B fans were very disappointed. Then there was very close match between team A and Team C. one hit from team A, one hit from team C, the match was very interesting. Everyone was sitting on edges with excitement and curiosity. The cheering was getting louder and louder. The match was going very well until robot A got a hit from robot C and robot A got flipped and could not manage to get up. And that was the end of the finals. Team C was the winner. It was very fun



event. Everyone had fun. We learnt many things from this event (/This event taught us many things) like competitive spirit, team work, sportsmanship, etc.

e. DRONE SHOW

A bright and colorful event took place grabbing attention of everyone present there. There were over 200 drones (just an idea) spreading their magic in air. All drones were programmed in computer. All drones were lightweight, consists of a battery, an LED module, and GPS sensor. And a huge crowd of 20k+ people was experiencing that magic. It started off with making some waves with colorful lights in the air. all people got excited when it was started. Then it writes “#dream on” in the air. After that they made Techfest logo in the air with sliding T and F. Then a small dance with lights. The excitement was on its peak. And to take it to next level, they made map of India with saffron, white and green color. Whole crowd was crazy at that moment. Then they generated a light wave in map of India. They ended with some more light show. We learnt a lot about drone and drone show. Everyone enjoyed a lot. We learnt lighter the drone, the power it needs to stay airborne and the easier to control. And drones were pre programmed.it was overall a great experience.

f. LASER TAG AND RC CAR RACING

Laser Tag was an event organized at the Techfest IIT Bombay and with the help of TECHNICAL BOARD OF AIT many students from AIT were able to enjoy this adventurous event. It was an electrifying event in which a team game was organized to shoot rival team members with laser. Each team member was equipped with a body suit with five sensors on, to detect the laser. A specific area was set up to simulate the battle ground with some obstacles. Where each team was to defend itself and



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

try to knock out more hits from rival players. A large number of people took part in this event. People have to wait in long que for their chance for this enjoyment. A thrilling event of IC engine car racing was organized at Techfest IIT Bombay. Many World Rankers were in the arena to compete against one another to win the prize money of INR 1,30,000. Due to the efforts of TECHNICAL BOARD OF AIT many students were able to take glimpse of such world class event.

8. TECHNICAL AAKRITI

Dated: 11th – 13th March

Venue: AIT Campus

The so long-awaited event of AIT, the TECHNICAL AAKRITI. Started with an uplifting and inspirational inauguration followed up by a great speech by Brig. Abhay Bhatt sir (Director). Off with a great start, the first event was conducted in the Raman Theatre of AIT named Placement Apti. Many participants showed up for the event in mass numbers, everyone in full spirit to place his branch at the top of the leaderboard. There was a chain of events that were held in the three days. Branches had their ups and downs but later everyone had their contribution. There were various events to suit everyone's field of interest, it had gaming, core, coding and open events. Sending the best of their branches in a particular event, it was a competitive environment. The rush was all around, people going to the event venues, the organizing team holding everything together and managing the crowd. The ending ceremony was held in the Raman Theatre, with declaring the winning branch of every event. For the final suspense, the winning branch was declared. The theatre was alive and full of cheerful screams and enthusiasm. The ceremony ended up in a JAM session where the



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

		<p>winning branch was called upon the stage and handed over the trophy.</p> <p>9. SOLUTIONS</p> <p>Dated: 21st – 23rd April</p> <p>Venue: AIT Campus</p> <p>SOLUTIONS, a premier annual Technical Fest organized by the Army Institute of Technology, Pune was inaugurated on 21st April 2003 by Brig Abhay Bhatt (Director) and was successfully conducted by Technical Board between the 21st to 23rd of this April. It had more than 20 events in various respects such as coding, gaming, robotics, etc. This time SOLUTIONS also had events such as PROJECT JUPYTER and FLASH 500 where participants had to use their knowledge of Machine learning and reach a solution. For participants' ease, the events were conducted in both online and offline modes. This year, SOLUTIONS 2023 saw incredible participation of more than 5000 students from many premier institutes of India such as IITs and NITs bagging various positions in many events. The Fest not only had just events but included an amazing and insightful session by Kushal Vijay(Microsoft Engineer, You Tuber Sensation, and former intern at Microsoft and Stack Guardian) which helped a lot of students to clear their career-related doubts. In the end, a heart-storming bike show was conducted on the campus which thrilled the audience with their unbelievable wheelies, burnouts and other stunts.</p>
2.	Cultural and Musical Board	<p>Total: 05 sub events are organized</p> <ol style="list-style-type: none"> 1) Freshers 2) Open Mic (Mehfil) 3) New Year Jam 4) Amethyst



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

		5) Farewell
3.	Debate, dramatics and Quiz club	<p>Total: 12 sub events are organized</p> <ol style="list-style-type: none"> 1) JIGYASA 2) WORDS WORTH 2.0 3) AIT FE DEBATE 4) Alumni Meet SKIT 5) Football FEVER QUIZ 6) MUN Workshop 7) AIT Model United Nations Conference 8) GEN B C JOSHI QUIZ 9) DIAS Interdiction 10) Abyuthaan 11) Talking Points 12) JAMJUST A MINUTE
4.	Fine Arts Club	<p>Total: 05 sub events are organized</p> <ol style="list-style-type: none"> 1) FE Induction 2) Inktober 3) Alumni Meet 4) Canvas Carvaan 5) Saraswati Painting 6) Bijutsu 7) Grey Scale 8) Tulika 9) Art Attack 10) Art Exhibition
5.	Center of excellence for AI and Robotics	<p>Total: 12 sub events are organized</p> <ol style="list-style-type: none"> 1) First Year Induction 2) IIT Guwahati Esaclade



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

		<ul style="list-style-type: none"> 3) E-Yantra 4) 3D Printing Workshop 5) IIT Bombay Techfest 6) WarTech 7) Use The Pins Wisely 8) Robocon 2022-23 9) Projects Based Learning 10) BITS QUARK 11) Robotic Newsletter 12) Robotics Website
6.	Mathematics Club	<p>Total: 03 sub events are organized</p> <ul style="list-style-type: none"> 1) Competition for all students 2) Speaker Session and Quiz 3) Club members gathered several times and discussed various topics related to mathematics and aptitude
7.	NSS Club	<p>Total: 11 sub events are organized</p> <ul style="list-style-type: none"> 1) Raksha Bandhan celebration with visually impaired and orphan students. 2) Cleanliness drive within AIT campus 3) Independence Day celebration 4) Blood donation camp 5) Candle march 6) International women's day celebration 7) Para Athletics championship 8) Visit to para rehabilitation centre 9) Sinhgad fort cleaning drive 10) Food donation 11) Cleaning drive
8.	Sports Club	<p>Total: 04 sub events are organized</p> <ul style="list-style-type: none"> 1) PACE



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

		<p>2) SPPU District Zone Competition: Inter Collegiate, Zonals Competition</p> <p>3) SPORTS AAKRITI</p> <p>4) Invitation competition : Inter-Collegiate Invitation Sports Competition</p>
9.	Open Source Software Club	<p>Total: 05 sub events are organized</p> <p>1) Spark</p> <p>2) Graphica</p> <p>3) DeVerse</p> <p>4) Pre-Innerve Games</p> <p>5) Innerve Hackathon</p>
10.	Spiritual Club	<p>Total: 09 sub events are organized</p> <p>1) Youth Festival in Kanha, Hyderabad</p> <p>2) Krishna Janmasthanmi</p> <p>3) Ganesh Festival Celebrations</p> <p>4) Lohri Celebration</p> <p>5) Pranpratisthan Samaroh</p> <p>6) Shivratri</p> <p>7) Holi</p> <p>8) Ramnavmi</p> <p>9) Hanuman Jayanti</p>
11.	Nature Club	<p>Total: 03 sub events are organized</p> <p>1) First Year Induction: All Freshers were given the reason and motivation for loving Nature by the members of AIT Nature Club</p> <p>2) Trek to Korigad Fort: A Trekking activity of Korigad fort was conducted to introduce students to rich heritage of forts build by Ch. Shivaji Maharaj. Also to increase student's proximity to nature, flora and fauna around.</p> <p>3) Star Gazing: Star Gazing activity was conducted to increase</p>



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

		knowledge about the positions of the major constellations .
12.	Competitive Coding Club	<p>Total: 03 sub events are organized</p> <ol style="list-style-type: none"> 1) CRACK 4.1, CRACK 4.2 CRACK 4.3 (Intra College) 2) CODEFT 3.0 (Inter College) 3) Beginners
13.	Information Security and Digital Forensics Club	<p>Total: 07 sub events are organized</p> <ol style="list-style-type: none"> 3) By Pass CTF 4) Basics of Networking and Introduction to Kali Linux 5) Basic Linux Commands and Capture The Flag. 6) Session on Password Cracking 7) Basics of Shell Scripting 8) Cyber Talks 9) Block chain Technologies and Applications
14.	Cycling Club	<p>Total: 12 sub events are organized</p> <ol style="list-style-type: none"> 1) AIT- Pedal For Election Awareness 2) AIT to Alandi Cycling Expedition 3) AIT - Hunuman Wadi – AIT Cycling Expedition 4) AIT - Sinhagad Fort – AIT Cycling 5) AIT - Dehu - AIT Cycling Expedition 6) AIT – Kundmala – AIT Cycling Expedition 7) AIT – Katraj Tunnel – AIT Cycling Expedition 8) AIT – Vetal Tekadi – AIT Cycling Expedition 9) AIT – Khadakwasla Dam – AIT Cycling Expedition 10) AIT – Rajgurunagar Cycling Expedition 11) AIT – River Cyclothon 12) AIT – Torna Fort – AIT Cycling Expedition



Principal
Army Institute of Technology
Dighi Hillis, Pune - 411015



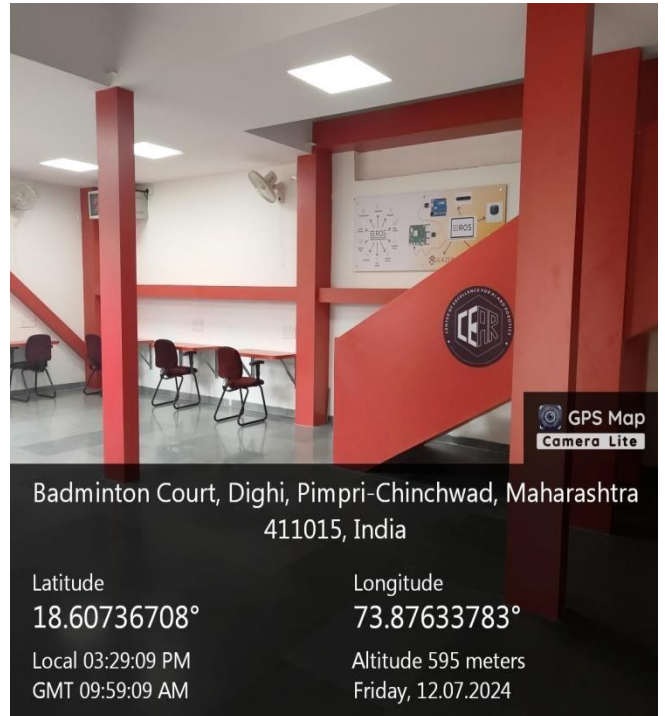
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

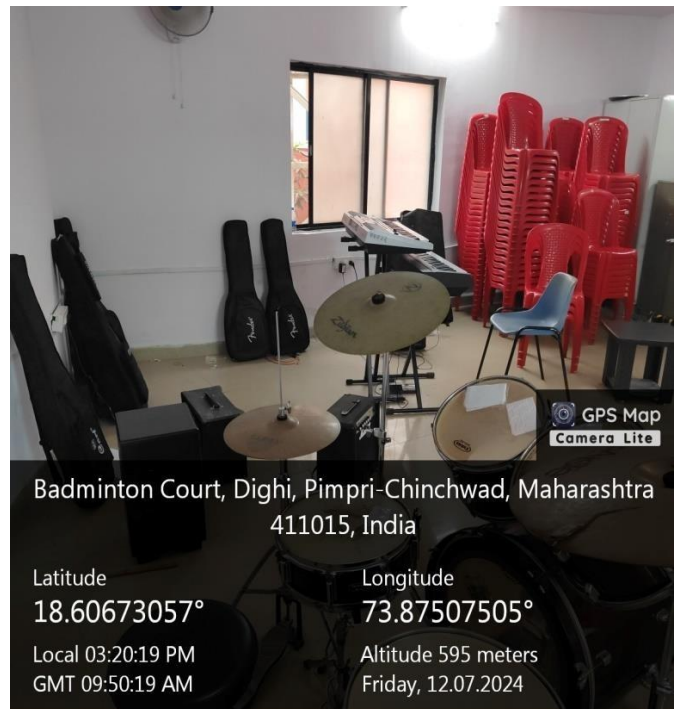
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University



Center of excellence for AI and Robotics



Cultural & Music Board



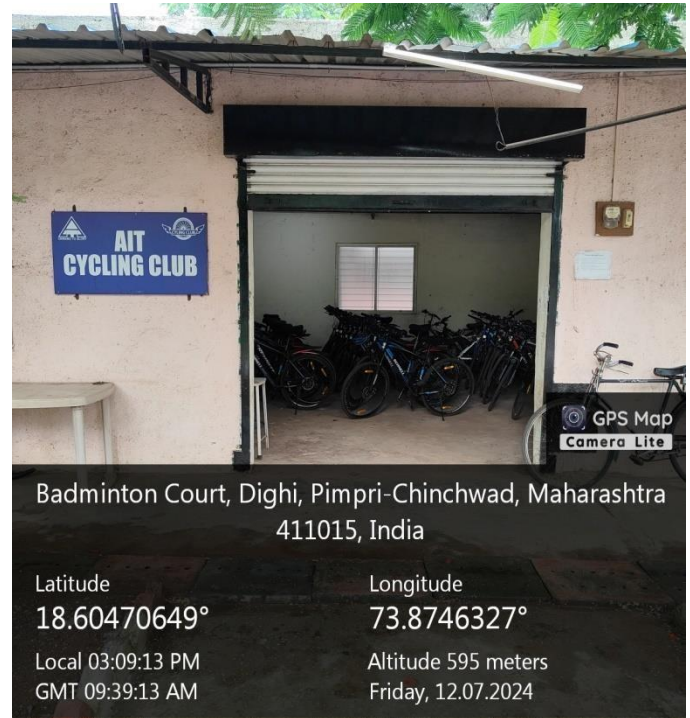
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Cycling Club



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra
411015, India

Latitude
18.60702913°

Longitude
73.87609353°

Local 03:25:09 PM
GMT 09:55:09 AM

Altitude 595 meters
Friday, 12.07.2024



Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra
411015, India

Latitude
18.60701347°

Longitude
73.87604647°

Local 03:25:38 PM
GMT 09:55:38 AM

Altitude 595 meters
Friday, 12.07.2024



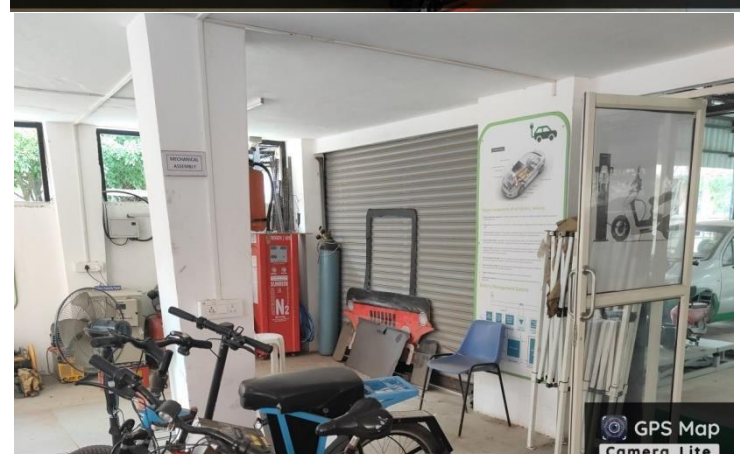
Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra
411015, India

Latitude
18.60701401°

Longitude
73.87604468°

Local 03:25:49 PM
GMT 09:55:49 AM

Altitude 595 meters
Friday, 12.07.2024



Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra
411015, India

Latitude
18.60701398°

Longitude
73.87604544°

Local 03:26:01 PM
GMT 09:56:01 AM

Altitude 595 meters
Friday, 12.07.2024

Electric Vehicle cell



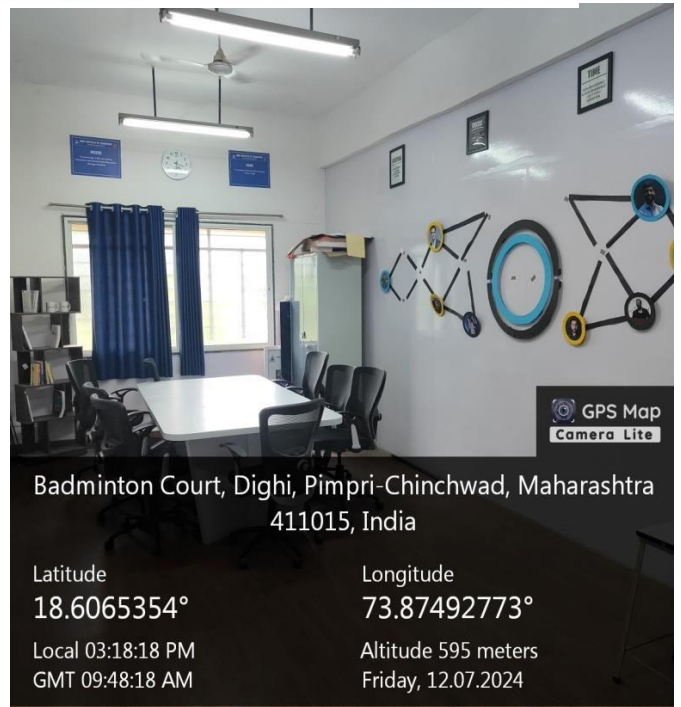
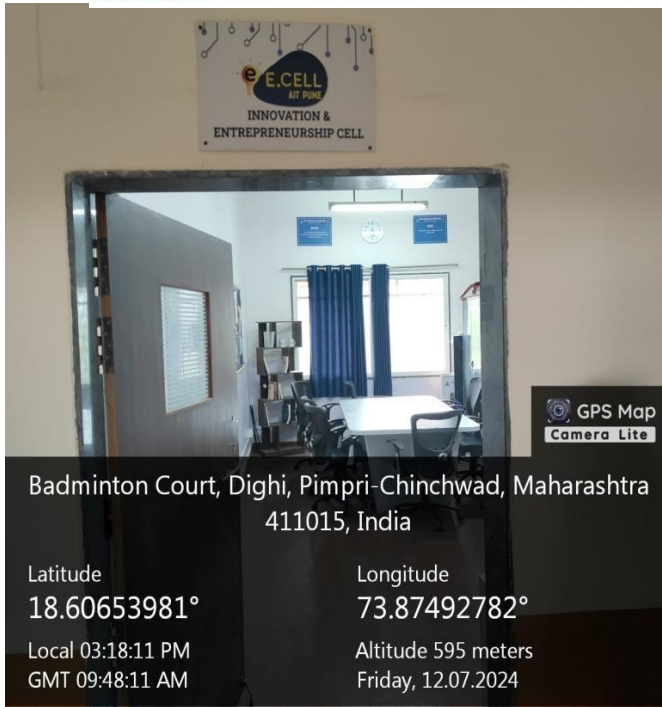
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

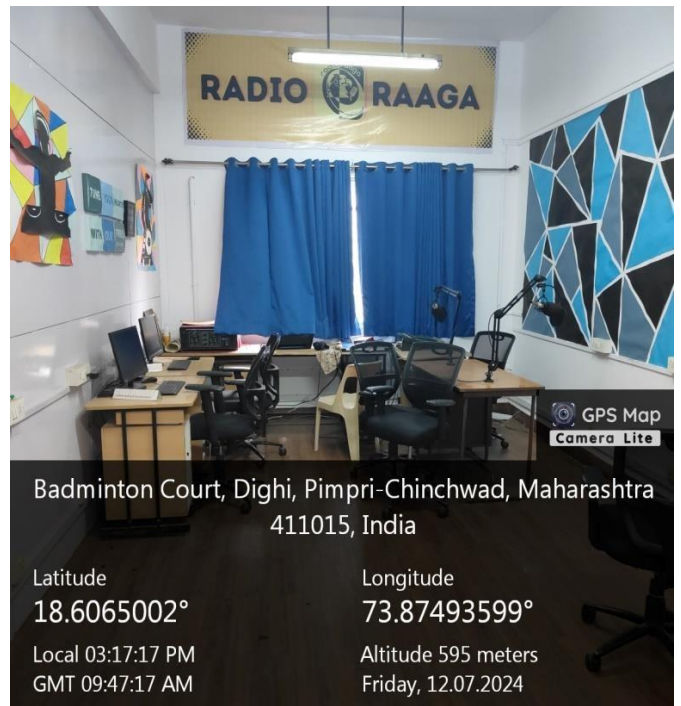
Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



Open Source Software Club



Radio Club



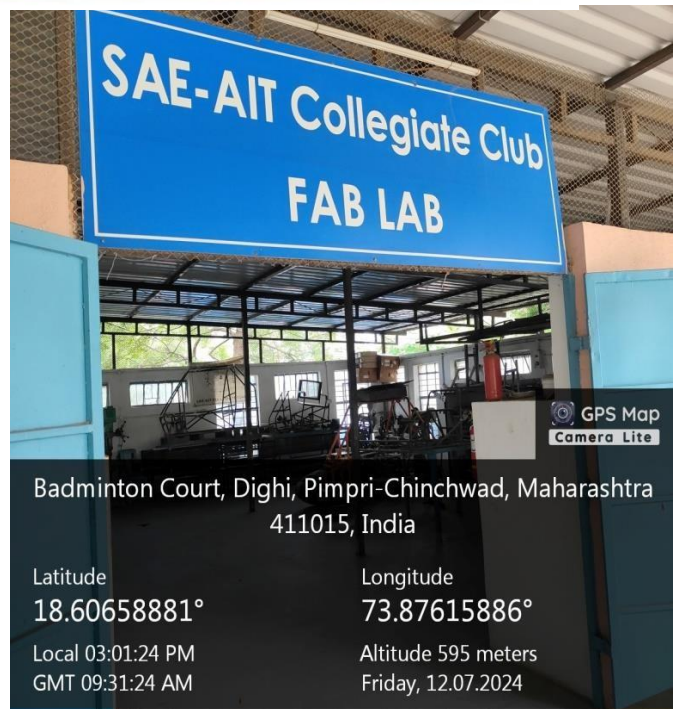
Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University



SAE AIT Collegiate Club

17. Cultural Activity Report AY 2022-23

Name of Club:

CULTURAL BOARD

Name of faculty in-charges		
1	Prof.DG Auradkar	
Name of Student Secretaries		
1	Hemank Singh	
2	Sayanya Mondal	
3	Ruben George	
Budget Allocated by Institute		Rs 8.5 Lakhs
Sponsorship received		
Name of activities/events conducted		
Sr No.	Name of activity	Type (Inter college/ Intra college)
1	Freshers	Intra College
2	Open Mic (Mehfil)	Intra College
3	New Year jam	Intra College
4	Amethyst	Inter College
5.	Farewell	Intra College

Reports of all activities/events

Activity No 1

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/CjsgEFLNrey/?igshid=MzRIODBiNWFIZA==
Academic Year	2022-23
Name of coordinator	Prof.DG Auradkar
Program/Activity/Name	Freshers
Select one of the Program Type (Workshop/FDP/Seminar/conference/in tercollege event/intra college event/ other)	Intra college Event
Start Date	15 October 2022
End Date	15 October 2022
Mode of event (offline/online)	Offline
Number of Student Participants	500
Number of Faculty Participants	-nil-
Number of External Participants, If any	-nil-
Expenditure Amount, If any	25,000
Objectives of activity (min 2)	1.Facalitates the smooth integration of new students. 2.create a positive and memorable experience for freshers' students
Description of activity(50-150 words)	Freshers is a energetic initiation into the college experience, marked by a lively atmosphere as new students.
Faculty Name (Faculty involved in organizing event)	Prof.DG Auradkar
Student Name (student involved in organizing event)	Hemank Singh Sayanya Mondal Ruben George
Video URL (optional)	

Geo tagged Photograph1
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Geo tagged Photograph2.
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Session plan/Brochure/Document/overall report of the activity
(JPEG or PDF Format max size 2 Mb)

Activity No 2

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/Cmbn6qwhIJ/?igshid=MzRIODBiNWFIZA==
Academic Year	2022-23
Name of coordinator	Prof.DG Auradkar
Program/Activity/Name	Open Mic (Mehfil)
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	25 December 2022
End Date	25 December 2022
Mode of event (offline/online)	Offline
Number of Student Participants	250
Number of Faculty Participants	-nil-
Number of External Participants, If any	-nil-
Expenditure Amount, If any	6,000
Objectives of activity (min 2)	1. Provide a platform for individual's to express themselves creatively 2. Foster a sense of community by bringing people together.
Description of activity(50-150 words)	An open mic is a dynamic gathering where individual's step into the spotlight and unleashing their creativity.
Faculty Name (Faculty involved in organizing event)	Prof.DG Auradkar
Student Name (student involved in organizing event)	Hemank Singh Sayanya Mondal Ruben George
Video URL (optional)	

Geo tagged Photograph1
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Geo tagged Photograph2
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Session plan/Brochure/Document/overall report of the activity
(JPEG or PDF Format max size 2 Mb)

Activity No 3

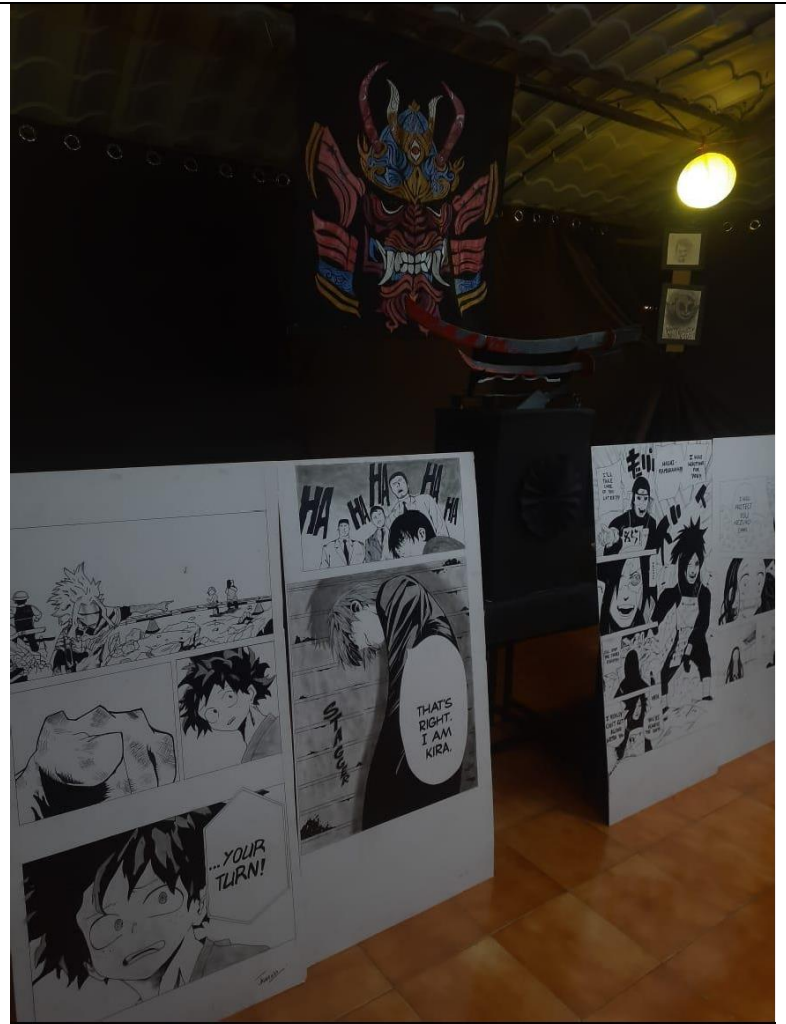
Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/CmyxDcChHKF/?igshid=MzRIODBiNWFIZA==
Academic Year	2022-23
Name of coordinator	Prof.DG Auradkar
Program/Activity/Name	New Year Jam
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	31 December 2022
End Date	31 December 2022
Mode of event (offline/online)	Offline
Number of Student Participants	400
Number of Faculty Participants	-nil-
Number of External Participants, If any	-nil-
Expenditure Amount, If any	-nil-
Objectives of activity (min 2)	1. Ring in the new year with a lively and festive atmosphere. 2. Provide a platform for people to come together and foster of sense of community and unite as one.
Description of activity(50-150 words)	A new year jam is a pulsating celebration and rhythmic symphony that bids farewell to last year and welcomes new with exuberance.
Faculty Name (Faculty involved in organizing event)	Prof.DG Auradkar
Student Name (student involved in organizing event)	Hemank Singh Sayanya Mondal Ruben George
Video URL (optional)	

<p>Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)</p>	
<p>Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)</p>	
<p>Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)</p>	

Activity No 4

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/Cpkm_PFovLF/?igshid=MzRIODBiNWFIZA==
Academic Year	2022-23
Name of coordinator	Prof.DG Auradkar
Program/Activity/Name	Amethyst
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Inter college Event
Start Date	21 April 2023
End Date	23 April 2023
Mode of event (offline/online)	Offline
Number of Student Participants	700
Number of Faculty Participants	-nil-
Number of External Participants, If any	-nil-
Expenditure Amount, If any	5,75,000
Objectives of activity (min 2)	1.Provide platform for students to showcase their talent . 2.Foster a sense of unity and comraderies within colleges community
Description of activity(50-150 words)	Amethyst is vibrant tapestry of creativity and diversity , where the campus come alive with kaleidoscope of artistic expressions .
Faculty Name (Faculty involved in organizing event)	Prof.DG Auradkar
Student Name (student involved in organizing event)	Hemank Singh Sayanya Mondal Ruben George
Video URL (optional)	

Geo tagged Photograph1
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Geo tagged Photograph2
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Session plan/Brochure/Document/overall report of the activity
(JPEG or PDF Format max size 2 Mb)

Activity No 5

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/CtEo-SURcvH/?igshid=MzRIODBiNWFIZA==
Academic Year	2022-23
Name of coordinator	Prof.DG Auradkar
Program/Activity/Name	Farewell
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	16 June 2023
End Date	17 June 2023
Mode of event (offline/online)	offline
Number of Student Participants	600
Number of Faculty Participants	-nil-
Number of External Participants, If any	-nil-
Expenditure Amount, If any	90,000
Objectives of activity (min 2)	1. To celebrate the departing individual's achievement and contributions. 2. To create lasting memories for both seniors and juniors.
Description of activity(50-150 words)	It is a bittersweet gathering , a moment of transition where colleagues and friends come together to bid adieu to someone embarking on a new journey.
Faculty Name (Faculty involved in organizing event)	Prof.DG Auradkar
Student Name (student involved in organizing event)	Hemank Singh Sayanya Mondal Ruben George
Video URL (optional)	

Geo tagged Photograph1
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Geo tagged Photograph2
(JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)



Session plan/Brochure/Document/overall report of the activity
(JPEG or PDF Format max size 2 Mb)

18. Sports Activity Report

Report for AY 2022-23

Name of Club: SPORTS CLUB

VISION

Our vision is to be recognized amongst the best sporting Engineering Colleges across the nation.

MISSION



Our mission is to run a consistent sports development program providing student with opportunities to participate in competitive sporting activities while contributing to the social upliftment of the community.

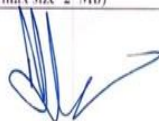
Name of faculty in-charges		
1	Prof. Asha Sathe (Faculty Incharge)	
2	Mr. Vishal Pardeshi (Physical Director)	
Name of Student Secretaries		
1	Arajeet Pandey	
2	Hema Sree Desari	
Budget Allocated by Institute	Rs 15Lakhs	
Sponsorship received	40 Thousand Approx	
Name of activities/events conducted		
Sr No.	Name of activity	Type (Inter college/ Intra college)
1	International Yoga Day	Intra- college
2	Faculty Development Program	Intra- college
3	Staff Sports Aakriti	Intra - college
4	National Sports Day	Intra- college
5	SPPU Inter Collegiate , Zonal	Inter-Collegiate (SPPU District zone)
6	Invitational Inter Collegiate Competition	Inter –Collegiate
7	Sports Aakriti	Intra-Mural
8	Women's Day	Intra - college
9	AIT Sports Fest PACE 2023	Inter- collegiate



Reports of all activities/events


Activity No 1

Required Field	Information to be filled
Link for publicity on Social media (Facebook/twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	International Day of Yoga
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra College
Start Date	21 June 2022
End Date	21 June 2022
Mode of event (offline/online)	Offline
Number of Student Participants	200+
Number of Faculty Participants	30+
Number of External Participants, If any	5+
Expenditure Amount, If any	6000 (Approx)
Objectives of activity (min 2)	<p>1. The ancient practice of yoga that has stemmed from Indian culture is widely known to balance the body and mind of individual.</p> <p>2. Yoga encourages mindfulness and being present in the moment. This can be particularly beneficial for college students dealing with a multitude of responsibilities and distractions.</p>
Description of activity(50-150 words)	All the students, guests, director and joint director were seated in raman theatre on the mat and perform yoga.
Faculty Name (Faculty involved in organizing event)	Vishal Pardeshi
Student Name (student involved in organizing event)	Arajeet Pandey
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	





Reports of all activities/events

Activity No 2

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	Faculty development program
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Seminar
Start Date	17 July 2022
End Date	22 July 2022
Mode of event (offline/online)	Offline
Number of Student Participants	--
Number of Faculty Participants	40+
Number of External Participants, If any	10+
Expenditure Amount, If any	
Objectives of activity (min 2)	1.The program was built such that it work on developing the mental resilience in challenging time. 2.Meditation through heartfulness.
Description of activity(50-150 words)	Guest session were organize for the three days, where the guest from MIT WPU were welcome with an introductory note from the student member of AIT sports club.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe &Mr. Vishal Pardeshi
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	






Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events Activity No 3

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	Teachers Aakriti 2.0
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra College
Start Date	3 Aug 2022
End Date	14 Aug 2022
Mode of event (offline/online)	Offline
Number of Student Participants	--
Number of Faculty Participants	80+
Number of External Participants, If any	--
Expenditure Amount, If any	28 Thousand Approx
Objectives of activity (min 2)	1.This event provide the opportunity to see how our teachers are strong leader. 2.To make any Contribution they could for their branch.
Description of activity(50-150 words)	It comprises of different teams from different department and they participated in various games.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe & Mr. Vishal Pardeshi
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari and Sports club Joint Secretaries
Video URL (optional)	




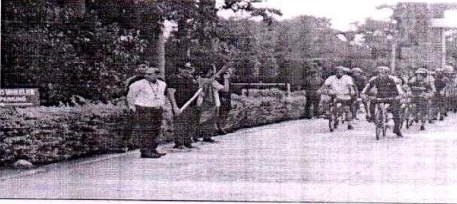

Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events

Activity No 4

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	National Sports day
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college
Start Date	29 Aug 2022
End Date	29 Aug 2022
Mode of event (offline/online)	Offline
Number of Student Participants	200+
Number of Faculty Participants	40+
Number of External Participants, If any	--
Expenditure Amount, If any	4 Thousand Approx
Objectives of activity (min 2)	1.Creating awareness about the need and benefits incorporating sports and physical activities into our day to day life. 2. Aims to inspire the younger generation to participate in sports and lead an active lifestyle.
Description of activity(50-150 words)	The venue for the speech and Director sir address was Raman Theatre and for short marathon was our campus running track.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe & Mr. Vishal Pardeshi
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari and Sports

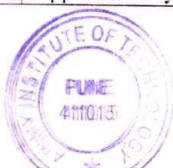



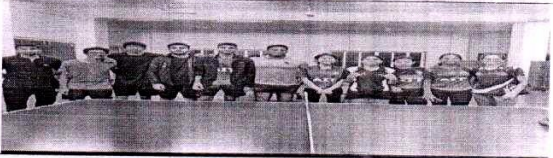

Video URL (optional)	club Joint Secretaries
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events

Activity No 5

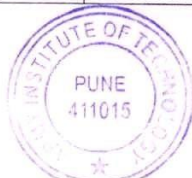
Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	SPPU Inter Collegiate , Zonal
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Inter- college Sports competition
Start Date	October 2022
End Date	March 2023
Mode of event (offline/online)	Offline
Number of Student Participants	150+
Number of Faculty Participants	--
Number of External Participants, If any	--
Expenditure Amount, If any	20 Thousand Approx
Objectives of activity (min 2)	1. participants improve their skills, learn from each other, and strive for excellence in their respective fields. 2. Participation in zonal events provides students with the opportunity to develop leadership and teamwork skills.
Description of activity(50-150 words)	Approximately 150 students from our college






	actively participated in various games during the event and achieved notable positions.
Faculty Name (Faculty involved in organizing event)	--
Student Name (student involved in organizing event)	--
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events Activity No 6

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	Invitational Inter Collegiate Competition
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Inter- college Invitational Sports Competitions
Start Date	August 2022
End Date	April 2023
Mode of event (offline/online)	Offline
Number of Student Participants	150+
Number of Faculty Participants	--
Number of External Participants, If any	--
Expenditure Amount, If any	85 Thousand Approx
Objectives of activity (min 2)	<ol style="list-style-type: none"> 1. Provide a platform for healthy competition, encouraging participants to strive for excellence in their respective fields while maintaining sportsmanship and fair play. 2. Events bring together students from different colleges, fostering social interaction and collaboration. This helps in building networks, friendships, and a sense of community beyond individual institutions.

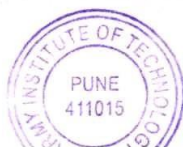




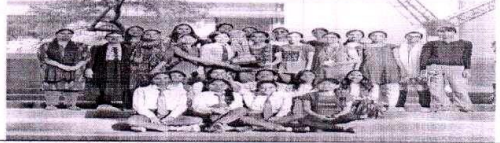
Description of activity(50-150 words)	Approximately 150 students from our college actively participated in various games during the event and achieved notable positions.
Faculty Name (Faculty involved in organizing event)	-
Student Name (student involved in organizing event)	-
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events

Activity No 7

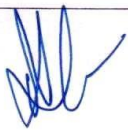
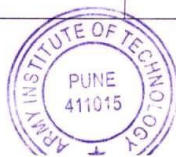
Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	Sports Aakriti
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	November 2022
End Date	November 2022
Mode of event (offline/online)	Offline
Number of Student Participants	300+
Number of Faculty Participants	--
Number of External Participants, If any	--
Expenditure Amount, If any	60 Thousand Approx
Objectives of activity (min 2)	<p>1. These events foster a sense of community within a particular academic branch, bringing students, faculty, and staff together in a non-academic setting. This helps strengthen relationships and create a supportive environment.</p> <p>2. Through friendly competition and collaborative activities, intra-branch sports events contribute to building camaraderie among students within the</p>


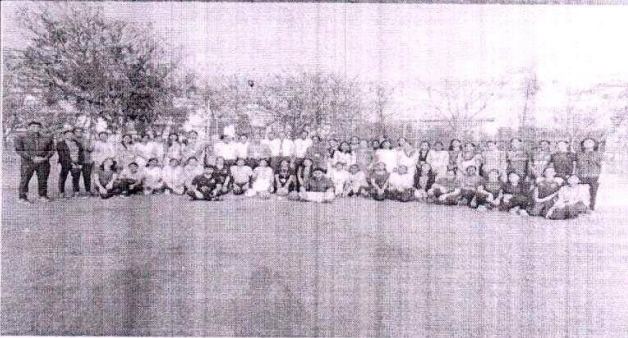



Description of activity(50-150 words)	same academic discipline. Approximately 300 students from our college actively participated in various games during the event and achieved notable positions.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe & Mr. Vishal Pardeshi
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari and Sports club Joint Secretaries
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	

Reports of all activities/events Activity No 8

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	International Women's Day
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	8 th March 2023
End Date	8 th March 2023
Mode of event (offline/online)	Offline
Number of Student Participants	10+
Number of Faculty Participants	50+
Number of External Participants, If any	3000+
Expenditure Amount, If any	5 Thousand Approx
Objectives of activity (min 2)	1.To raise awareness and promote gender equality by organizing informative sessions, discussions, and workshops that highlight the achievements and challenges faced by women globally on International Women's Day.



	2.To foster a supportive and inclusive campus environment by celebrating the diverse accomplishments of women, encouraging dialogue on women's rights, and recognizing the importance of gender equality in education and beyond.
Description of activity(50-150 words)	Approximately 50+ Female Faculty from our college actively participated in various games during the event and achieved notable positions.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe, Mr. Vishal Pardeshi, Mrs. Swati Salunke
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari and Sports club Joint Secretaries
Video URL (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	


Reports of all activities/events

Activity No 9


Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	
Academic Year	2022-23
Name of coordinator	Prof. Asha Sathe & Mr. Vishal Pardeshi
Program/Activity/Name	AIT Sports Fest PACE 2023
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intra college Event
Start Date	20 April 2023

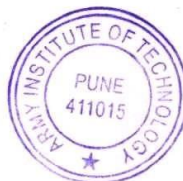



End Date	23 April 2023
Mode of event (offline/online)	Offline
Number of Student Participants	200+
Number of Faculty Participants	50+
Number of External Participants, If any	3000+
Expenditure Amount, If any	
Objectives of activity (min 2)	1. Provide a platform for healthy competition, encouraging participants to strive for excellence in their respective fields while maintaining sportsmanship and fair play. 2. Events bring together students from different colleges, fostering social interaction and collaboration. This helps in building networks, friendships, and a sense of community beyond individual institutions.
Description of activity(50-150 words)	Approximately 3500+ students from our college actively participated in various games during the event and achieved notable positions.
Faculty Name (Faculty involved in organizing event)	Prof. Asha Sathe, Mr. Vishal Pardeshi, Mrs. Swati Salunke
Student Name (student involved in organizing event)	Arajeet Pandey, Hema Sree Desari and Sports club Joint Secretaries
Video URL. (optional)	
Geo tagged Photograph1 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Geo tagged Photograph2 (JPEG Format max size 2 Mb which shows strength of audience /participants with speaker)	
Session plan/Brochure/Document/overall report of the activity (JPEG or PDF Format max size 2 Mb)	


Prof. Asha Sathe
Sports Incharge


Principal


Mr. Vishal Pardeshi
Physical Director



19. Technical Board Report

THE TECHNICAL BOARD (2022-23)



OUR MOTTO

Engineering and Technical board has its motto to deliver information regarding every happening in the gallery of engineering world that is competitions, seminars and conferences taking place out there.

FACULTY INCHARGES : P. B. Karandikar (EnTC Dept)
Dr. Ashwini Sapkal (IT Dept)
Mrs. Vaishali Ganganwar (Comp Dept)
Dr. R. B. Gurav (Mech Dept)
Dr. Ganesh Mundhe (ASGE Dept)

BOARD SECRETARIES : Bhaumik Maan (IT), Khushi (Comp-B)

LINKS TO TECHNICAL BOARD AT DIFFERENT PLATFORMS:

INSTAGRAM: <https://www.instagram.com/aittechnicalboard/igshid=1g7kvxse9zmmu&fbclid=IwAR078YmXx4k8xmfcIAPp0Rgl35ra9e41iRDAkt7LoRlaKluPjclUWWWh86k>

GITHUB: [ait-techboard.github.io](https://github.com/ait-techboard)

Technical Secretaries



Khushi
Comp-B

Bhaumik
IT



Khushi: 99103 90489
Bhaumik Maan: 73878 23677

JOINT SECRETARIES

On the path of rejuvenation and with goals to achieve the next level, The Technical Board has its Joint Secretaries!

Vansh Vatsal
Khushi Shah
Anushna Panwar
Prashant Chauhan
Rakesh Pradhan
Harsh Bisht
Jangveer
Aditya Tiwari
Giriraj

Joint Secretaries



TE MEMBERS

“Individually we perform great deeds, but when put together, it becomes wonderful”

Introducing the TE members for the year 2k22–23

Aayush Singh Rathore

Abhay Shukla

Ashwani Kumar

Neha

Paidi Ajay

Pawan Kumar

Prince Harshwardhan

Rishabh Rai

Rishabh Tiwari

Shaurya Singh

Shubham Bisht

Suraj Singh

Tejaswini

Vishal Singh

Vipin Kumar Yadav

Yugandhar Patil

Abhay Mishra

Looking forward to an amazing year with such tech geeks!



SEMINAR - DIGITAL AND AI TWINS

Dated 26th AUGUST

5:00 PM

Venue: BC JOSHI Hall

“Some people call this artificial intelligence, but the reality is this technology will enhance us. So instead of artificial intelligence, I think we’ll augment our intelligence.” – Ginni Rometty

A magnificent speech with a motivational aura by **Mr. VISPI NEVILLE KARKARIA, PhD researcher at North Western University, Illinois, USA**. This live session was conducted by the TECHNICAL BOARD OF AIT in the remarkable hall of famed General BIPIN CHANDRA JOSHI (RETD.). A good amount of 30 interested fellows attended the live session with great enthusiasm. The session was followed by great counter questions and doubts by the listeners, about how to implement the **AI Twins** in carrying out big time data analysis. He focused on why Data analysis is required, and why we needed to be one, as the market is evolving so is the requirements of daily activities and the need for simplistic and adaptable technology. Giving an example of a **Tesla Model** of how it AI adapts to the environment and how it can adapt to Indian roads with great speed bumpers and a massive traffic. He used a very simple way to explain sophisticated terms and interacted with the fellow audience. Through the session Mr. Karkaria picked up a great response from the audience.

On the lovely evening Mr. Karkaria discussed about the Digital and AI Twins and its practical applications. The explanations included that a digital twin is a digital representation of a physical object or system. The technology behind digital twins has expanded to include buildings, factories and even cities, and some have argued that even people and processes can have digital twins, expanding the concept even further. Furthermore, a digital twin begins its life being built by specialists, often experts in data science or applied mathematics. These developers research the physics that underlie the physical object or system being mimicked and use that data to develop a mathematical model that simulates the real-world original in digital space. He explained all this with a well detailed presentation on the topic. Giving out real life examples of where digital and AI twins can be implemented. At the end of the session Mr. Karkaria gave out a motivational speech of studying abroad which was very beneficial for the students. The TECHNICAL BOARD OD AIT presented him with a gift and had a photography session.



AIT TECHNICAL BOARD



Live Session

Digital and AI Twins

Vispi Nevile Karkaria

PhD Research Scholar
at Northwestern University, IL, USA



5:00 p.m.
26th Aug 2022
Venue: BCJ Hall



EVENT-2 COGNITARE (ENGINEER'S DAY CELEBRATIONS)

Dated: 15th SEPTEMBER

5:00 PM

Venue: Manekshaw Hall

"As curious as little minds, as creative as da Vinci's designs, as flexible as a climbing vine and a great observer all the time."

– Sir Mokshagundam Vishveshwaraya

On a very special occasion of Engineer's Day, the TECHNICAL BOARD of AIT conducted a great event. It was held in the renowned SAM MANEKSHAW HALL. A figure of 33 tech enthusiasts came to the event. The room was filled with motivated future engineers. All engineering year students participated in the event. The board chose Kahoot as a platform to conduct the event.

The event kickstarted with a devotional speech from the joint secretaries. Engineers' Day was established by the Indian government in 1968, on the birth anniversary of Sir Mokshagundam Vishveshwaraya and this was his 162nd. Since then, this day has been observed to honor and recognize all engineers who have contributed to the development of a modern and developed India, as well as those who continue to do so. Vishveshwaraya was the chief engineer for construction of Krishna Sagara dam on Kaveri River in Mysuru, which was the biggest reservoir in Asia during his time. Visvesvaraya revolutionized the irrigation system in India by implementing irrigation and drinking water systems all over the country. There were other mentions of magnificent personalities like APJ ABDUL KALAM, E SREEDHARAN, SATISH DHAWAN, PRIYA BALASUBRAMANIAM and SUNDAR PICHAI.

The questions varied from easy ones to challenging ones. The last set of questions even exhilarated the event as it had a twist at the end. The last questions included questions from the speech. In the end, it was declared to announce the result on the board's social media handle and yet another successful event carried out by the board.

GLIMPSES FROM THE EVENT—

Cognitare

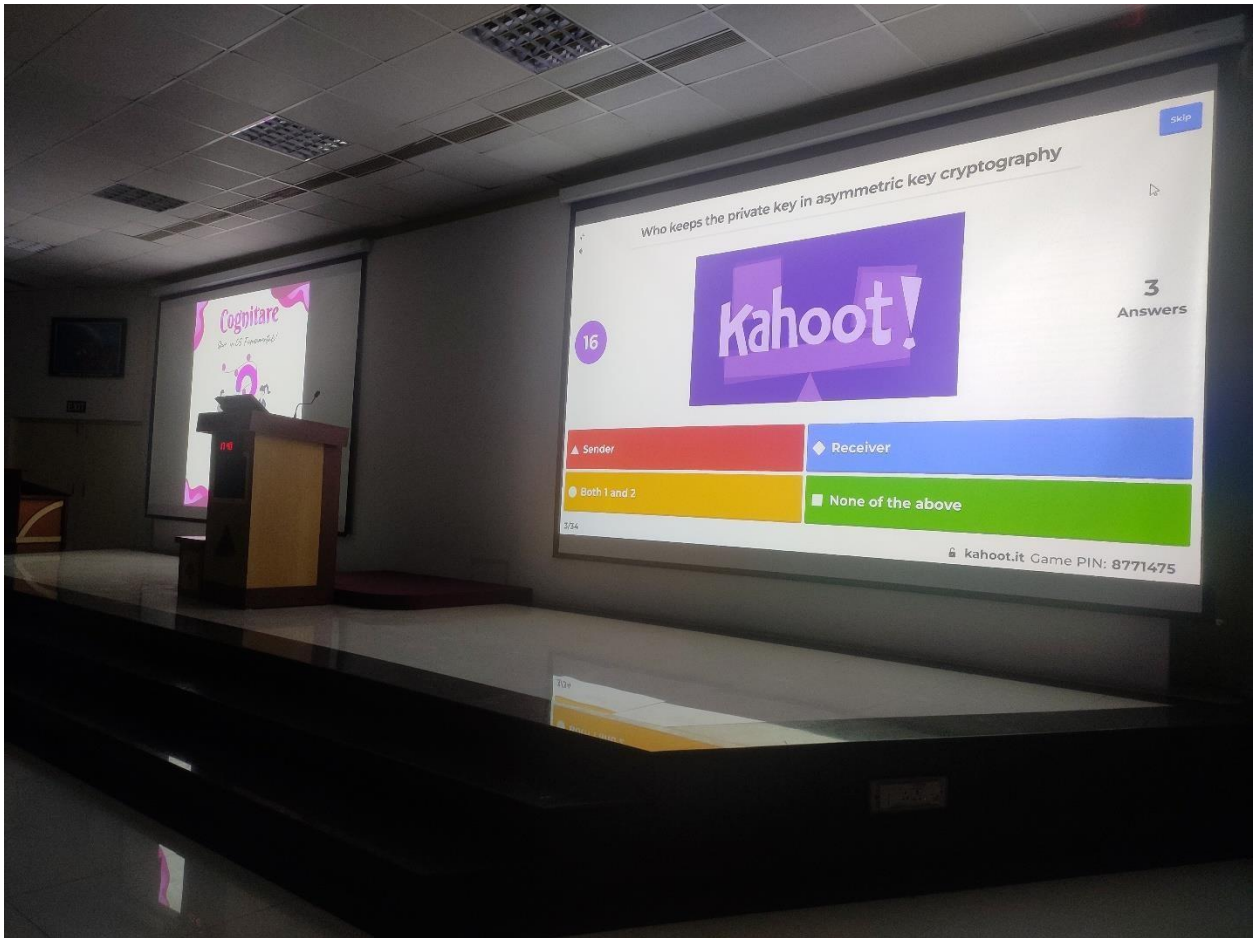
Quiz on CS Fundamentals!



15th Sept 2022

Venue : Mankeshaw Hall

Prizes worth 9K+





FE Induction Technical Board

FE INDUCTION

Dated: 10th OCTOBER

2:00 PM

Venue: Manekshaw Hall

On the eve of 10th October, the Technical Board of AIT, organized a session for the first-year students. The session intended to introduce the students with the board activities such as Technical Aakriti, Solutions (Inter college technical fest) and other events organized by the board.

The session began with introduction of the secretaries and joint secretaries, followed by a video, which displayed events hosted by the board in previous academic year. Then, each joint secretary, with the help of presentations, explained events organized by the board.

The students showed a great enthusiasm and were quite attracted towards the “Research related activities” organized by the board.

At the end of the presentation, the secretaries cleared the doubts of students and motivated them towards technical activities.

The session ended successfully and served its purpose.



EVENT – 3 SNAPHUNTS

ARMY INSTITUTE OF TECHNOLOGY

TECHNICAL BOARD

SNAPHUNTS

Dated 10th OCTOBER, 2022

5:00 PM

Venue: Central Gazebo

"Exploration is really the essence of human spirit"

– *Frank Borman*

The Technical Board has conducted another fabulous event, Snaphunts. This event was kept exclusive for first year students. So, the whole first year batch participated in this enthusiastic event, everyone more curious than the other. There was 70+ teams, that is 280+ students participated. It started just after the induction. The event kickstarted with an introduction to the event while the induction and the students were briefed to be at the Central Gazebo. This time it was google forms for a change. There was a team of 4 people. The riddle set consisted of 15 questions that pointed out certain places in the campus that the first-year students were introduced to at the time of campus tour. Each riddle funnier and sophisticated than the last one. Later on, scanners kept popping up on the participant's phones. Everyone got their set of riddles and vanished into the campus. Fascinating and cunning minds just swift past the other groups trying to solve the riddle. After an hour, the event wound up with students returning to the starting point and notifying the board members for completion of the quiz set and successfully submitting the google form.

Another successful and exciting event came to an end with the declaration of results on the social media handle of the board.

GLIMPSES FROM THE EVENT:



EVENT – 4 QUANTIVISUALS

ARMY INSTITUTE OF TECHNOLOGY, PUNE
TECHNICAL BOARD

QUANTIVISUALS

Dated: 20th OCTOBER

6:00 PM

Venue: Manekshaw Hall

"Knowledge is lost without putting it into practice; a man is lost due to ignorance; an army is lost without a commander; and a woman is lost without a husband"

– Chanakya

The Technical Board of AIT conducted a yet another successful and amazing event, Quantivisuals. It took place in the MANEKSHAW HALL dedicated to the Field Marshall Sam Manekshaw. A great number of 110+ tech enthusiasts participated in the event. It started with a heartwarming welcome to all by the board as it was the second event after SNAPHUNTS. For a change the board chose SLIDO as a platform to conduct the event and was a smooth flowing website. The questions were based on CS Fundamentals and aptitude questions ranging from easy to complex ones. It consisted of total 35 questions each having different time limits, making it even more interesting. The event started with best wishes and the participants were off brainstorming. There was a tough tussle on the leaderboard as the participants fought their way up.

At the end, it was a close call on the leaderboard and the event came to an end. It was declared by the board that results to **be declared on the social media handle.**

GLIMPSES FROM THE EVENT:





EVENT – 5 IDEATHON

ARMY INSTITUTE OF TECHNOLOGY, PUNE
TECHNICAL BOARD

IDEATHON

Dated 4th November 2022

5:00 PM

Venue: Manekshaw Hall

“Creativity is seeing what others see and thinking what no one else ever thought”

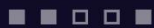
In series of great events, The Technical Board of AIT, conducted “Ideathon” which is also a part of Technical Aakriti. The event had 2 rounds. The participants were informed well before time through the social media handles of the Technical Board, and we received great participation for the first round. In the first rounds the teams were supposed to submit their original and innovative ideas through presentations.

After all the submissions, the best 15 ideas were picked up and were called for Round 2.

In the second round each team was supposed to present their ideas to the teachers within 9 minutes. Last one minute was reserved for questions. All the teams presented their ideas beautifully, they explained how they look forward to implement their idea and gave the pros of their project. A healthy interaction was observed between teams and teachers. The ideas were judged on the certain parameters such as originality, practicality, cost of its implementation etc.

The second round went on for around 3 hours and after all the presentations were over, the committee of teachers went on to declare the winners of the event. The event ended successfully with a lot of learning for all the participants.

Glimpses from the event:



Ideathon | *idea presentation...*

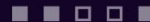


IDEATHON

Idea Pitching :
29th Oct till 11:59 p.m.

Idea Presentation :
4th Nov 2022

Prizes worth 10K+







EVENT – 6 VULCAN

ARMY INSTITUTE OF TECHNOLOGY
TECHNICAL BOARD

VULCAN

Dated: 11th November 2022

5:00 PM

Venue: Manekshaw Hall

"Innovation, as I understand it, is both about doing different things as well as doing things differently."

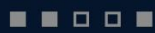
– *Kiran Mazumdar Shaw*

The great event of Vulcan arrives with the best paper writing event in the institute. This was a two round event that included participants to write a research paper on a vast range of given topics to choose from, in addition to their personal topics. The participants had to do this in a group of 3 – 4 members and submit the paper in a provided format to a specific email id of the board. The submissions were in great numbers. And there was a fixed quota for first termers to participate in the event. After selecting from a set of groups and passing each one of them through defined criterion of plagiarism check, a total of 15 groups were selected.

The anchors started the event with great quotes and giving a heartwarming welcome to the knowledgeable staff members who were also the judges for the event. The teams were called upon the stage and introduced with their team's name, plagiarism percentage and other necessary details. In the second round the teams needed to present a presentation on their topics in a detailed manner and its implementation with a time limit of 9 minutes and an extra 1 minute for questions and answers. This went on a loop with all 15 teams giving their best performances and a detailed presentation on their topics.

At the end of the event, the staff members compiled their decisions and points and gave it to the board members to select the winners of the event. The result was then declared on the social media platform of the board.

GLIMPSES OF THE EVENT:



Vulcan | *paper presentation...*



Idea Pitching:
5th Nov till 11:59 a.m.

Paper Presentation

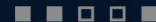
Round 1:

8th Nov 2022

Round 2:

9th Nov 2022

Prizes worth 13K+







TECHFEST (IIT BOMBAY)

ARMY INSTITUTE OF TECHNOLOGY, PUNE
TECHNICAL BOARD

TECHFEST (IIT BOMBAY)

Dated – 16 Dec to 17 Dec 2022

Venue – IIT Bombay Campus

PAINTBALL

A wonderful and joyful event of paintball was conducted at IIT Bombay during Techfest (tech event). A good amount of 30 interested fellows were allowed to attend with great enthusiasm. Everyone was excited to participate which could easily be seen by the distance of the queue out there. First all 30 participants were divided in a group of 2 with 15 members in each team and the instructions were given to each member on how to proceed the game and each and every rule related to it. Each player was equipped with a paintball gun, also known as a marker, and a hopper filled with round, paint-filled pellets. The game took place in a designated playing field, beside the Gymkhana of the campus.

At the start of the game, players took positions on the field and the game began when the referee blew a whistle or signals the start in some other way. Players then tried to eliminate the other team's players by shooting them with their markers. When a player is hit with a paintball, he was eliminated from the game and must leave the field.

The game continued until one team was eliminated all of the other team's players or has captured their flag. The team that achieved the objective wins the game.

The event was sponsored by the big gaming giants like. The paintball event was under the category of Ozone events. Ozone was the zone of recreation amidst the technical events of the Techfest. The fun part of Techfest, Ozone is synonymous with festive excitement. It was a kind of a place for someone looking for an adrenaline rush.

INTERNATIONAL EXHIBITION

A spectacular exhibition was organized by IIT Bombay during TechFest 2022 showcasing some of the innovations from around the world. It was one of the most visited programs of the TechFest and was open for all three days of the fest. People were really excited to visit the exhibition. As the event was really popular among the viewers, people had to wait in a long line to get in. But the wait was worth it, as you entered the exhibition, at the first booth, there were two cute robots waiting to interact with you which was quite fun. Then after advancing in the exhibition, you come across some of the really cool inventions and techs. There was a new part for gripping the objects in drones called Raptors, different robots from different companies, a driver's safety solution device etc. In each booth people were exposed to new fountains of knowledge. Every booth taught one or the other thing. Also, it was

a great opportunity for connecting to the people as people from all around the world had come there. Apart from international companies there were many Indian tech and research companies that were showcasing their products. DRDO had come with some combat vehicles and missiles, ISRO with miniature models of the satellites that they have launched etc. They ended the exhibition in the best way possible by showcasing the F1 racing car made by Mahindra & Mahindra, such a beautiful car. It was one of the most memorable events of the Techfest 2022.

UBISOFT GAMING

Ubisoft is the creator and distributor of interactive entertainment and services and the maker of blockbuster favorites Assassin's Creed and Wii Just Dance. The company was founded by the five Guillemot brothers in 1986 in Brittany, France. It went public on the Paris stock exchange ten years later, making key acquisitions over the next several years (including Red Storm Entertainment, maker of the Tom Clancy games, and Blue Byte Software) and opening studios in Shanghai and Montreal. By 2011 Ubisoft was one of the world's top 10 independent publishers; the company now has more than 10,000 employees on six continents. Ubisoft organized a gaming arena under the OZONE program of the Techfest. They made displays, playing stations and more. They showcase their major games and let people come try those games. There were heart pumping action games like assassin creed: Valhalla, division heartland, for honor, rainbow six etc. there were also arcade games like mario and Brawhalla. Racing games including Treachmania and rider's republic. Each and every game was built with great visuals and control. People were really excited to play those games and the spectator crowd was huge. They also created a small dance floor game where people participated with great enthusiasm. It was surely one of the most fun and exciting events of the Techfest 2022.

AUTO EXPO

The event auto expo was held in three different phases from 16 to 18 dec where all the luxury cars were present to grab the attention of the audience out there. Some of the brands worth mentioning were Mercedes Benz, Audi, Porsche, BMW, Nissan etc . Various sports car was also present there where the sound and the roar they made while entering the stage was on another level where the sound echoing miles to the whole campus, grabbing and developing the interest of other persons to have a look over them. The total cost of all the cars featuring in event would be in millions of dollars thus giving us the insight of luxury and performance they provide. The enthusiasm of the people to just have a look over all these cars were on another level. Auto expo gave a platform where all the automobile companies show their new concepts, technology, and new ideas to influence the people. All the companies show their competition skills. Many new cars with electric technology with luxury and comfort were introduced by the Mercedes, Audi, Porche and various other industry giants. The main aim to conduct these exhibitions was to present a stage where the companies showcase their new technologies. The auto expo comes under various exhibitions event of Techfest. Every year, Exhibitions mesmerizes thousands of young minds by presenting technological avant-grade of the world, helping them to broader their vision and to update their technical know-how.

UNMANNED AUTONOMOUS GROUND VEHICLES

The TECHNICAL BOARD conducted a trip to INDIAN INSTITUTE of TECHNOLOGY BOMBAY for TECHFEST 2022. The main attraction there was TechConnect which is an exhibition placed within the campus

where the prototypes built or technologies invented by the IITians were showcased to the tech enthusiast's and the students who were a part of the prototypes, disseminated about their projects and explained about the working model and functions of the prototypes.

UNMESH MASHRUWALA INNOVATION CELL IIT BOMBAY PRESENTED PROJECT SeDriCa (Self Driving Car) IITB has a 5 years of experience in autonomous vehicles and had won awards like IGVC 2017 which was organized in Michigan, USA and in MAHINDRA RISE DRIVERLESS CAR CHALLENGE were among TOP 11 Teams out of 250 in INDIA and were awarded a MAHINDRA E20 CAR for development and research purposes the developed car has a DUAL CAMERA SETUP with lane detection and has a high Accuracy GPS for localization and path planning and STEREO VISION CAMERA with depth sensing technology and a 2D LiDAR sensor to detect obstacle detection system for detecting objects in front of the self-driving car.

And everything is controlled by a module called as CAN MODULE, It has a tri-directional obstacle avoidance sensor and cameras all around the car which reduces the risk of crashes and in IITB TECHFEST 2017 the SeDriCa had more than 50000+ visitors.

IQLIPSE NOVA

Depanshu raj popularly known as Iqlipse nova, He is graduate of *Indian Institute of Technology, Delhi*. He is a *chemical engineer, YouTuber, singer, social media influencer* and he is also Co-founder of BigBrainco.

The show was conducted in IIT Bombay, techfest and with the help of TECHNICAL BOARD OF AIT many students from AIT could attend the live show with great enthusiasm. A large amount of people can be seen attending his event and whosoever attending his event will never forget that evening. That day we learnt many life lessons from him, his journey of IIT, the choices he made in his life, how he handled things in his life, he talked about his musical journey his new release *mera safar* is becoming and many got a chance to see the live performance of *mera safar*. And he also sang his one of the upcoming song *Meri bari*, that will release in few months in 2023. After that he also motivated everyone to explore opportunities, and lastly there was a photographic session where everyone took photos with him.

ROBO WAR

A huge event of robotics called robowar was held in OAT. It was a very energetic event where 2 (or more) teams bring their robots in robocar arena to fight with each other's robots. The arena was 32*32*12 ft closed arena. It was closed by metal strips and polycarbonate sheets. It was finals of 15 kg weight category. The rules were simple robots could have any dimensions but their weight could not exceed 15Kg. robots were allowed to use any kind of magnetic weapons, cutters, flippers, saws, lifting devices, spinning hammers etc. A good amount of 2000 follows attended the event with great excitement. In finals, 3 teams A, B, C were ready to fight with their opponents. Along with teams, audience was also very excited for the match. And then whistle was blown, ROBOWAR! The match was started. In the beginning of the match, Robo A starts off very well by giving some hard hits to their opponents. Robo A was showing his strength. Robo B had very nice and very unique stability mechanism. And Robo C seemed very strong and stable. The match was going very well but robot B got movement issues after getting some strong hits by Robo A and Robo C. Team B fans were very disappointed. Then there was very close match between team A and Team C. one hit from team A,

one hit from team C, the match was very interesting. Everyone was sitting on edges with excitement and curiosity. The cheering was getting louder and louder. The match was going very well until robot A got a hit from robot C and robot A got flipped and could not manage to get up. And that was the end of the finals. Team C was the winner. It was very fun event. Everyone had fun. We learnt many things from this event (/This event taught us many things) like competitive spirit, team work, sportsmanship, etc.

DRONE SHOW

A bright and colorful event took place grabbing attention of everyone present there. There were over 200 drones (just an idea) spreading their magic in air. All drones were programmed in computer. All drones were lightweight, consists of a battery, an LED module, and GPS sensor. And a huge crowd of 20k+ people was experiencing that magic. It started off with making some waves with colorful lights in the air. all people got excited when it was started. Then it writes “#dream on” in the air. After that they made Techfest logo in the air with sliding T and F. Then a small dance with lights. The excitement was on its peak. And to take it to next level, they made map of India with saffron, white and green color. Whole crowd was crazy at that moment. Then they generated a light wave in map of India. They ended with some more light show. We learnt a lot about drone and drone show. Everyone enjoyed a lot. We learnt lighter the drone, the power it needs to stay airborne and the easier to control. And drones were pre programmed.it was overall a great experience.

LASER TAG AND RC CAR RACING

Laser Tag was an event organized at the Techfest IIT Bombay and with the help of TECHNICAL BOARD OF AIT many students from AIT were able to enjoy this adventurous event. It was an electrifying event in which a team game was organized to shoot rival team members with laser.

Each team member was equipped with a body suit with five sensors on, to detect the laser. A specific area was set up to simulate the battle ground with some obstacles. Where each team was to defend itself and try to knock out more hits from rival players. A large number of people took part in this event. People have to wait in long que for their chance for this enjoyment.

A thrilling event of IC engine car racing was organized at Techfest IIT Bombay. Many World Rankers were in the arena to compete against one another to win the prize money of INR 1,30,000. Due to the efforts of TECHNICAL BOARD OF AIT many students were able to take glimpse of such world class event.

There were variety of IC engine car some were electric and some with nitro power. The thrill to see such a engaging event where the competition was so tense each part of a second mattered. And the requirement for accuracy on each turn and each jump was on another level. It was a great experience for all the students. Where with enjoyment we also learned and got inspired a lot from the event.

TECH CONNECT

BRAIN CONTROLLED WHEELCHAIR: 15% of the world population has some form of disability and require assistance to locomote. The Virtual wheelchair mimics dynamic behavior of real wheelchair through the Brain Machine Interface (BMI). The virtual wheelchair movement is successful in 4 directions—

Front, back, left and right. The Electroencephalogram (EEG), connected to the wheelchair user, detects changes in the brain signals allowing control for the direction of the virtual wheelchair movement in real time.

ATTENTION DETECTOR: Amidst the physical classroom situation, teachers observe the facial expressions of students for determining their attention levels. In consideration of the post-pandemic online classroom scenario, mobile brainwave sensors will be helpful to gauge easier and reliable attention levels for teachers, students and primary caregivers. This will not only encourage students to remain attentive but can also enable teachers to customize their learning content for efficient learning of students.

WICTRE: Its FULL FORM IS WATER INNOVATION CENTER TECHNOLOGY. So basically, the water we use for drinking purpose consists of Ions of Barium, Arsenic, cadmium etc. which are usually removed by normal RO machine and the microorganism present in it is killed by UV light present in RO but there is one more aspect which contaminate the drinking water and that is Industrial dyes. Industrial dyes are one of the dominant chemicals that make water unfit for drinking. Among these dyes, Methylene blue (MB) is toxic, carcinogenic, and non-biodegradable and can cause a severe threat to human health and environmental safety. It is released in natural water sources, which becomes a threat to human beings and living organisms, hence there is a need to develop an environmentally friendly, efficient technology for removing MB from wastewater. Photodegradation is an advanced oxidation process widely used for removing (MB) Methylene Blue from freshwater.

SOIL MOISTURE SENSOR, INTEGRATED CIRCUITS AND SYSTEMS: So basically, this device is mainly constructed with a setup of electrolytic capacitors inside the soil which is being inserted inside the soil with a particular dielectric constant and when the water start dripping inside the soil, the equivalent dielectric constant shift toward the dielectric constant of water and this is how the amount of irrigation is determined. This is used for strategic agriculture and it is cheapest of all the same kind so that everyone can afford this device and it is very easy to use also. This Soil Moisture Sensor is very simple. Here we have used a soil moisture detector probe to sense the moisture in the soil and an NPN transistor to trigger the Buzzer and LED. This soil moisture detector probe is homemade and built using general purpose PCB (Printed circuit board). Buzzer and LED are used as an indication of soil moisture detection.

AIRSHIP PROJECT: Airship is basically a full-sized balloon mechanism working air body which is filled with light gases like helium or hydrogen. This type of airship is majority used for the branding and advertising purpose of big commercial brands. They might have less velocity as compared to other air bodies like helicopter or airplane but this airship has the better aerodynamic stability. "We started the work eight months back and have drawn inspiration from our earlier Akashdeep aerostat project. The feasibility study for the unmanned airship is over and we are all set to enter the design phase. With a 22-m length, seven-meter diameter and weighing around 350 kg, the airship gives the option for both surveillance and tourism. "By developing Akashdeep, we learned the aerodynamics shape optimization, fabrication technology and integration of payload and systems.

IIT BOMBAY ROCKET: IIT Bombay rocket is basically an air body made by 30 students of IIT Bombay which basically consist of two models of 1 and 27 kgs respectively, for support purposes parachute is used. This body also contains pressure dominating sensors, with a budget of 8 lakhs, this project comes out to be a successful project and practicing in us very soon. The IIT Bombay Rocket Team unofficially started as a small group of rocket enthusiasts in the summer of 2019. The Team plans to

participate in Spaceport America Cup 2022. The rocket consists of many interacting subsystems, each of which handles certain aspects of the rocket's testing, launch, and recovery. A vast range of disciplines in the functionality of the rocket is covered. In thrust we trust. The propulsion subsystem is the heart of the rocket. Very simply, their function is to produce thrust. The individuals in charge of the subsystem also ensure that the motor is stably mounted and remains secured during flight. The Team would also be running simulations to gather flight data useful for the optimization of the rocket's trajectory.

TIH FOUNDATION FOR IOT AND IOE: Technology Innovation Hub for translational research on lot (Internet-of-Things) and loE (Internet-of-Everything) (TIH-loT), Is conceptualized by the National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS) in its quest for Industry 4.0 and related areas. In order to leverage the strength of academia in innovation and to ensure proximity to captains of industry, the TIH-loT is established as a section 8 company (not for profit) in IIT-Bombay. The TIH-loT aims to emerge as a world leader in lot and loE technology solutions through multidisciplinary in-house R&D, interact with world leaders in this area, and support the industry for the transformation. TIH-loT will leverage fundamental and applied research to innovate and apply to industry needs. At TIH-IOT, research and development activities are focused on agriculture, health, industrial applications using IoT-based wireless sensors networks, bio-loT, aquatic IoT and distributed/Hybrid IoT.

GLIMPSES FROM THE EVENT:







TECHNICAL AAKRITI

ARMY INSTITUTE OF TECHNOLOGY
TECHNICAL BOARD

TECHNICAL AAKRITI

Dated: 11th – 13th March

Venue: AIT Campus

The so long-awaited event of AIT, the TECHNICAL AAKRITI. Started with an uplifting and inspirational inauguration followed up by a great speech by Brig. Abhay Bhatt sir (Director). Off with a great start, the first event was conducted in the Raman Theatre of AIT named Placement Apti. Many participants showed up for the event in mass numbers, everyone in full spirit to place his branch at the top of the leaderboard. There was a chain of events that were held in the three days. Branches had their ups and downs but later everyone had their contribution. There were various events to suit everyone's field of interest, it had gaming, core, coding and open events. Sending the best of their branches in a particular event, it was a competitive environment. The rush was all around, people going to the event venues, the organizing team holding everything together and managing the crowd.

The ending ceremony was held in the Raman Theatre, with declaring the winning branch of every event. For the final suspense, the winning branch was declared. The theatre was alive and full of cheerful screams and enthusiasm. The ceremony ended up in a JAM session where the winning branch was called upon the stage and handed over the trophy.

SOLUTIONS

ARMY INSTITUTE OF TECHNOLOGY
TECHNICAL BOARD

SOLUTIONS

Dated: 21st - 23rd April

Venue: AIT Campus

SOLUTIONS, a premier annual Technical Fest organized by the Army Institute of Technology, Pune was inaugurated on 21st April 2003 by Brig Abhay Bhatt (Director) and was successfully conducted by Technical Board between the 21st to 23rd of this April. It had more than 20 events in various respects such as coding, gaming, robotics, etc. This time SOLUTIONS also had events such as PROJECT JUPYTER and FLASH 500 where participants had to use their knowledge of Machine learning and reach a solution. For participants' ease, the events were conducted in both online and offline modes.

This year, SOLUTIONS 2023 saw incredible participation of more than 5000 students from many premier institutes of India such as IITs and NITs bagging various positions in many events. The Fest not only had just events but included an amazing and insightful session by Kushal Vijay (Microsoft Engineer, YouTuber Sensation, and former intern at Microsoft and Stack Guardian) which helped a lot of students to clear their career-related doubts.

In the end, a heart-storming bike show was conducted on the campus which thrilled the audience with their unbelievable wheelies, burnouts and other stunts.