



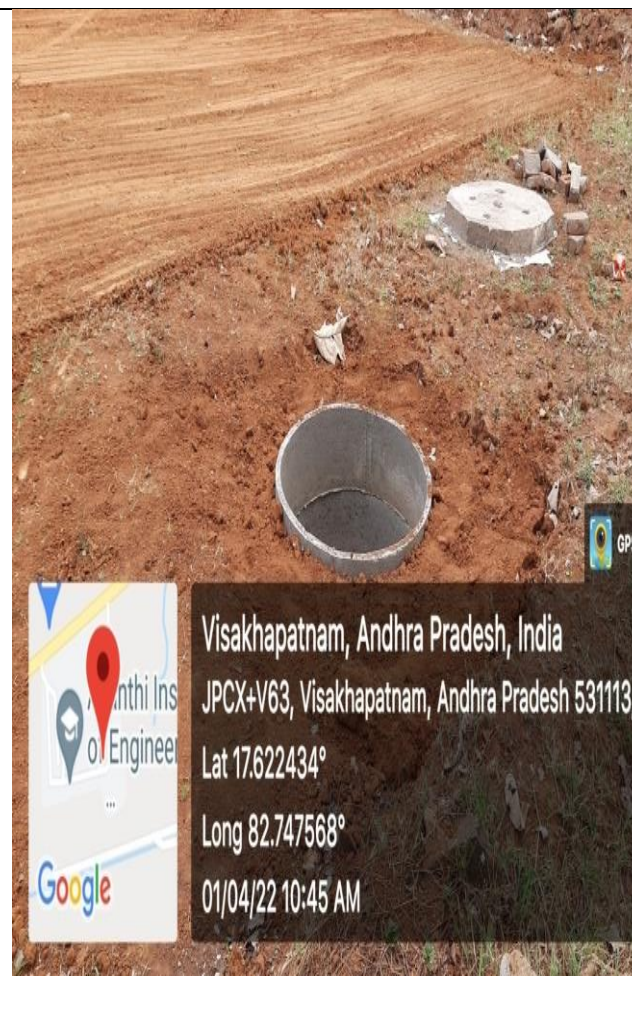
4.4.2.

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Civil Maintenance :-

Maintenance of civil works is needed for getting uninterrupted services which facilitate smooth and efficient functioning of the institution. The maintenance of civil works include

- Maintaining cleanliness and sanitation in the campus.
- Repair of frequently damaging components like window glasses, plumbing components, sanitary ware, floor tiles, doors, classrooms, benches, boards, furniture, faculty rooms etc..
- Internal roads maintenance.
- Water supply and overhead/underground water tank maintenance
- Rain water harvesting
- Maintenance of the water bodies and distribution system in campus



RO PLANT:



4.4.2.2 .MECHANICAL MAINTENANCE

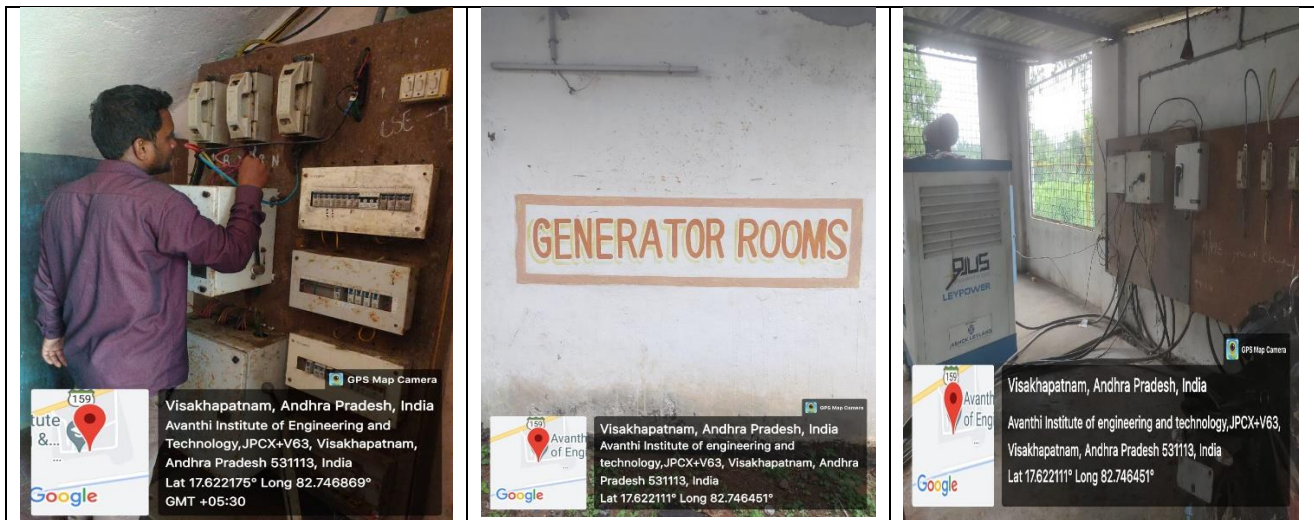
The standard procedure followed for service and maintenance of equipment/machinery as follows

- If the equipment/machinery is to be serviced during the warranty period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in-house or in the supplier premises based on the nature of defect.
- After warranty period if the equipment/machinery demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the extent possible.
- If not, identify the persons outside the organization who repair the equipment, if necessary contact the supplier of the equipment.
- If no items are required to purchase for repairing the equipment, the equipment is repaired immediately.
- If items are required then send a proposal to the purchase incharge through proper channel (concerned HOD).
- After the items are purchased the equipment will be repaired by the person.
- The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.

Maintenance of power house:

Department of electrical engineering deals with power supply and maintenance. Following SOP is followed for uninterrupted power supply in college premises.

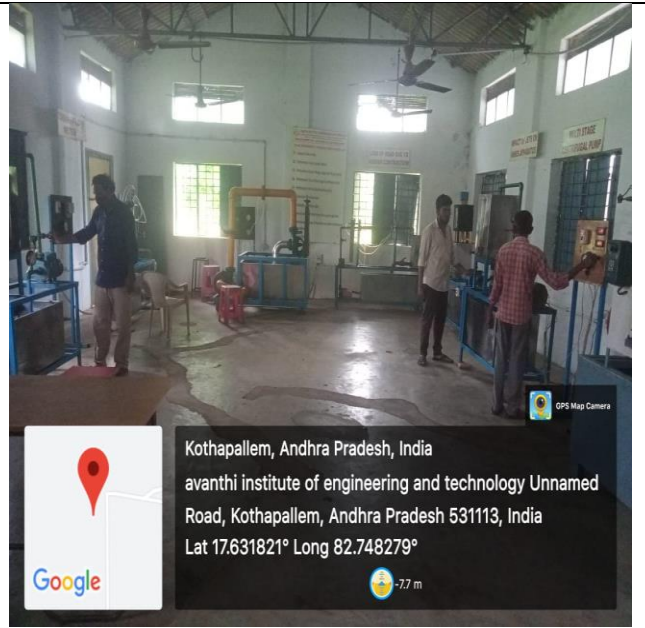
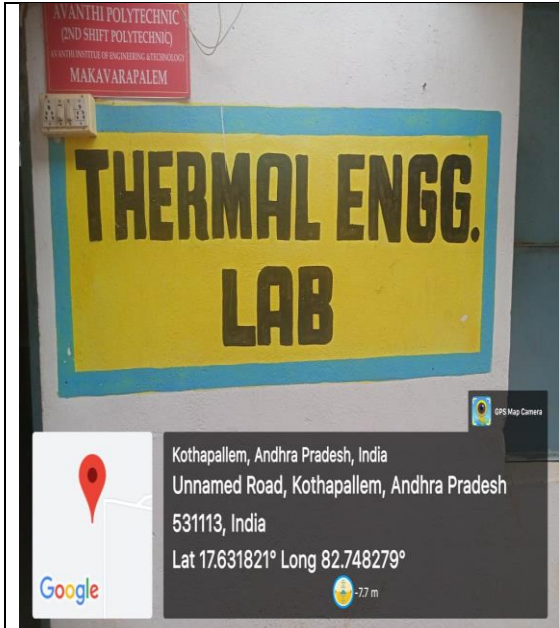
- Checking diesel in storage tank daily and Replenishing stock of diesel.
- Checking distilled water level in radiator daily, and if any shortage is found, it is refilled.
- Checking lubricant oil and specific gravity of distilled water of batteries daily.
- Cleaning the Radiator fan belt, generators daily.
- Maintaining load balance in three phases of generators, painting plinths and machines for every one year.
- Registering the number of working hours of each generator.
- Checking a resistance and watering the earth pits weekly.



Laboratory maintenance:

Regular Upkeep and maintenance of equipment as well as repair of equipment is important for proper functioning of any engineering laboratory. As soon as the complaint is received with details, (including Guarantee Period etc.) following procedure is followed.

If the equipment/machinery is to be serviced during the warrantee period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in- house or in the supplier premises based on the nature of defect. After warrantee period if the equipment/machinery demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the extent possible. If repair cannot be done by technicians of institution, then it is repaired by the persons outside the organization. If no items are required to purchase for repairing the equipment, the equipment is repaired immediately. If items are required then a proposal is sent to the purchase incharge through proper channel (concerned HOD). After the items are purchased the equipment will be repaired by the respective person. The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.





Rachapalle, Narsipatnam, Visakhapatnam, Andhra Pradesh, India
Avanthi Institute of Engineering And
Technology, Makavarapalem, Visakhapatnam,
Andhra Pradesh 531113, India
Lat 17.622177° Long 82.746743°

**ELECTRICAL &
WORK SHOP & WIRING
PRACTICE LABORATORY**

**ELECTRICAL
WIRING & MAINTENANCE LAB**



Visakhapatnam, Andhra Pradesh, India
Avanthi Institute of engineering and
technology, SH 159, Andhra Pradesh 531113,
India
Lat 17.623039° Long 82.745737°



4.4.2.6.Sports:

The sports committee conducts timely meetings for the purpose of discussing about budget proposal, conduct of Intramural and Inter collegiate tournaments for each academic year. The order is placed with prior approval of the purchase committee.

The sports related materials are issued to the students by maintaining an issue/return register which reflects the utility and demand of the items along

with the students interests. Subsequently it facilitates the proposals to be made for the next academic years. Students who are selected for the college teams of various events are provided with uniform to participate in the same. Equipment related to various physical activities and sports are updated on a regular basis. The up keeping of the sports items in an efficient way is done through regular monitoring using required work force. This includes all the sports facilities like Gym, Cricket ground, Tennis, Volleyball, Basketball courts etc

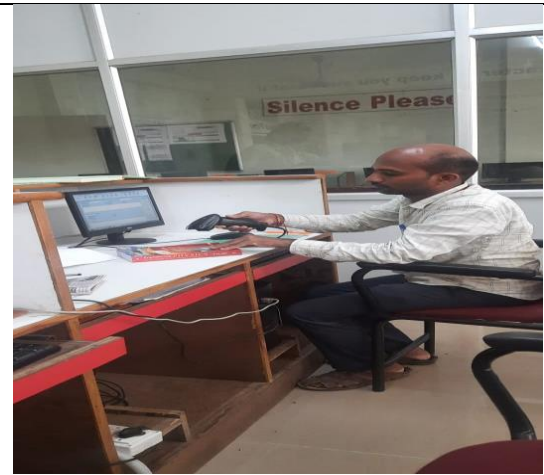


4.4.2.5.CENTRAL LIBRARY

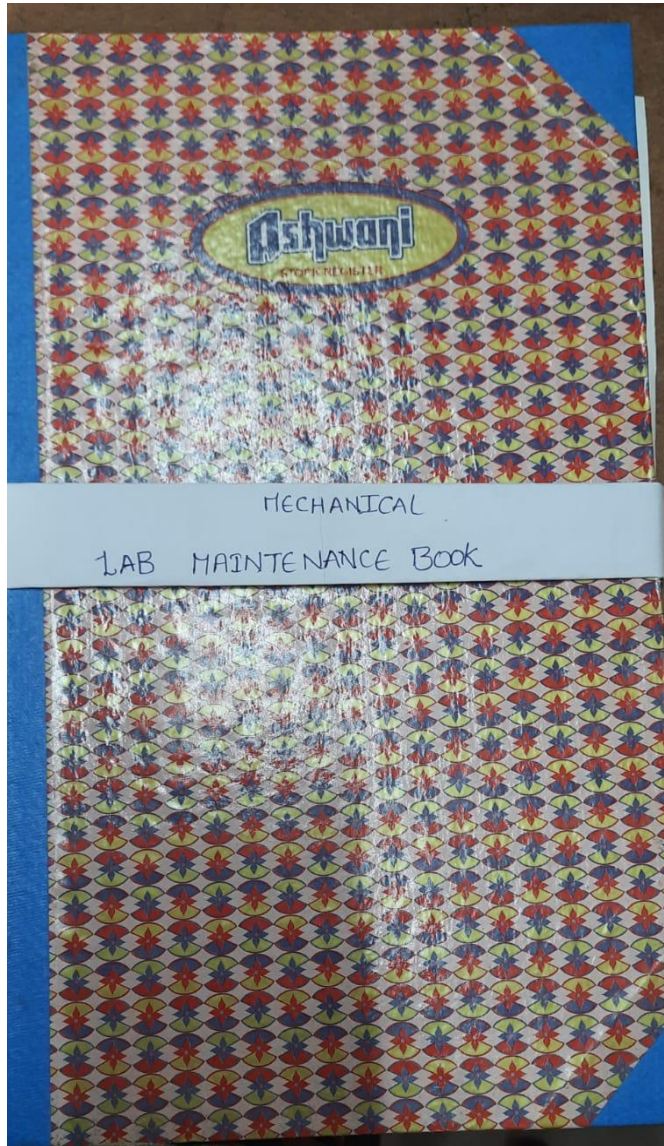
PROCUREMENT AND STOCKING OF BOOKS:

- The order list shall be prepared on the basis of suggestions of the faculty
- The list shall be forwarded to the principal for approval who makes any necessary changes, approves it and forwards the same to Library for procurement.

- The books are received by librarian from the supplier. An inspection activity will be carried out by librarian to check quantity, Title, Author, etc, as per the invoice.
- The books received by the librarian are entered in the Accession Register (AR).
- After the completion of Accession, due date slip, numbering shall be pasted on internal Title Page of the Book.
- One copy of each title is kept in REFERENCE SECTION duly stamped as REFERENCE copy.



Stock register



INDEX			STOCK REGISTER								
NAMES	PAGE No.	NAMES	PAGE No.	Name	Received from or issued to	In. No. or Date	Rate	Quantity	Amount	Balance	Remarks
				1	Transducers, Toroids Kit	04	5000	01	01		
					A) EVO7						
					B) Steam Engine						
					C) Steam Engine						
					D) Refractive Gate Transducer						

Date: 11-Aug-2019
1

Principal
Amrita Institute of Engg. & Techno.
Tirupur, Madhavaram Rd.
Madhavaram Station, No. 53

STOCK REGISTER			STOCK REGISTER												
Name	Received from or issued to	In. No. or Date	Rate	Quantity	Amount	Balance	Remarks	Name	Received from or issued to	In. No. or Date	Rate	Quantity	Amount	Balance	Remarks
6	Conveyor Module	04	1000	01	01			7	Autobone Simulation Software (Single User License)	04	24000	01	01		
1 Aug 19	Conveyor module	04	1000	01	01			1 Aug 19	Autobone Simulation Software (Single User License)	04	24000	01	01		

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Amrita Institute of Engg. & Techno.
Tirupur, Madhavaram Rd.
Madhavaram Station, No. 53

STOCK REGISTER						
Name: Water Level Control Module						
Date	Received from or issued to	Qty. No. of Issue	Rate #	Receipts	Issues	Balance
16 Aug 19	Water Level Control Module	04	1,100.00		01	

STOCK REGISTER						
Name: Lift Control Module						
Date	Received from or issued to	Qty. No. of Issue	Rate #	Receipts	Issues	Balance
16 Aug 19	Lift Control module	03	17,000.00		01	

Prinsipal
 Ardiya Institute of Engg. & Technol
 Teratom, Matjayaresam Kid
 "Mestabekahen, Distric., Pkr. 531"

STOCK REGISTER						
Name: PLC Programming Unit (8/14)						
Date	Received from or issued to	Qty. No. of Issue	Rate #	Receipts	Issues	Balance
16 Aug 19	PLC Programming Unit (8/14)	04	15,000.00		01	

STOCK REGISTER						
Name: Traffic Light Control Module						
Date	Received from or issued to	Qty. No. of Issue	Rate #	Receipts	Issues	Balance
16 Aug 19	Traffic Light Control Module	04	4,500.00		01	

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 Ardiya Institute of Engg. & Technol
 Teratom, Matjayaresam Kid
 "Mestabekahen, Distric., Pkr. 531"

Maintenance register

2019-2020				2020-2021			
S.No	Equipment Name	Date of maintenance	Date of Disruption	S.No	Equipment Name	Date of maintenance	Date of Disruption
1	Binocular Microscope	8/2/19	slip, 170 a clean, dry place.	1	Specimen	23/2/20	keep specimen in a box not subjected to moisture.
2	Trinocular Microscope	21/9/20	use special lens paper or wipe paper cleaning.	2	Impact & Izod test	21/3/20	check scale, index screw tight -ing.
3	Bench grinder	27/9/19	adjust the wheels	3	Spring test Apparatus	28/3/20	oil to the adjustment
4	Double disc polisher	2/8/19	clean the machine	4	Deflection of beams (single & double)	7/4/20	cleaning & change the support bit
5	Muffle furnace	17/4/19	Remove ash in the furnace	5	Compression test machine (V.M)	15/5/20	check the screw
6	Jammy & Quench Apparatus	12/9/20	check the adjust ment.	6	Shear test Induced in Compression test	19/6/20	General maintenance is done.
7	Standard Samples	24/6/20	Keep labels & arrange properly	7	Rockwell & Brinell hardness test	12/1/21	General oiling the movable spreading shaft
				8	Spring test machine	11/11/20	General maintenance
				9	V.T.M	16/7/20	Tighten the Compton plate.
				10	Digital torsion testing machine.	1/8/20	check the motor & oiling the gears.

Principal
 Avanthi Institute of Engg & Technology
 Tamarakudi, Madhavaram Rd.

