



PSN ENGINEERING COLLEGE

Melathediyoor, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

Website : www.psnec.ac.in Email : principal@psnec.ac.in

☎ 04634-279078, 279079 Fax : 04634-279078



Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.3 Quality audits on environment and energy are regularly undertaken by the Institution

7.1.3.1. The Institutional environment and energy initiatives are confirmed through the following

2. Energy Audit

Increasingly in the last several decades, industrial energy audits have exploded as the demand to lower increasingly expensive energy costs and move towards a sustainable future have made energy audits greatly important. Their importance is magnified since energy spending is a major expense to industrial companies (energy spending accounts for approximately 10% of the average manufacturer's expenses). This growing trend should only continue as energy costs continue to rise.

While the overall concept is similar to a home or residential energy audit, industrial energy audits require a different skill set. Weather proofing and insulating a house are the main focus of residential energy audits. For industrial applications, it is the HVAC, lighting and production equipment that use the most energy, and hence are the primary focus of energy audits.

The objective of Energy Audit is to balance the total energy inputs with its use and to identify the energy conservation opportunities in the stream. Energy Audit also gives focused attention to energy cost and cost involved in achieving higher performance with technical and financial analysis. The best alternative is selected on financial analysis basis. The following table shows the assets of the PSN Engineering College.



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DEPARTMENT	No of Tube lights	No of fans	No of Projectors	No of Switch board	No of power Sockets	No of Switches	No of Computer & Accessories	No of AC & Capacity	No of UPS & Battery Capacity	No of Server & Capacity	No of Printers	No of motors	MCB with power socket
Civil Engineering	29	33	1	17	21	92	4	1	1	0	1	0	0
Computer Science and Engineering	93	41	2	24	33	147	156	6 & 4.5 TON	2 & 50kVA	0	1	0	0
Communication Engineering	34	31	2	78	252	261	33	1&1.5 TON	1(7.5kV A) Battery-15	0	3	0	4
Information Technology	37	38	2	110	18	174	546	3&1.5 TON	1(25kVA) Battery-30	1	2	0	0
Mechanical Engineering	68	40	4	165	252	337	38	1& 1.5 TON	1(7.5kV A) Battery-15	1 & D-link 10/100 switch	2	65	0
Mechanical and Automation Engineering	28	23	0	23	38	93	9	1&1.5 TON	0	0	3	0	0
Automobile Engineering	32	28	0	20	29	108	20	0	0	0	2	0	0
Science and Humanities	80	44	2	79	162	234	20	1& 1.5 TON	1(25kVA) Battery-30	0	1	0	0



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The table shows the current usage and its bill amount.

Bill Date	Unit Consumed (kW/Day)	Bill Amount (Rs)
06/05/2022	12940	107009
03/03/2022	11210	93367
05/01/2022	13010	107596
03/11/2021	12220	101333
03/09/2021	10590	88472
05/07/2021	7320	62661
07/05/2021	11400	94875
05/03/2021	7450	63739
05/01/2021	5290	46675
03/11/2020	7320	62679
02/09/2020	5480	48153
04/07/2020	3720	34293

PRINCIPAL

Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathedyoor, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

ENERGY AUDIT

Department of Science and Humanities

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library	Remarks if any
1	7	3	1	1	-	1	One more class room is needed

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	Hall 1	3	3	-	1	1	7	2 tube lights, 3 switch not working
2	Hall 2	3	3	1	1	1	7	1 tube lights, 1 Socket not working
3	Hall 3	3	3	-	1	1	7	3 tube lights, 1 Socket, 4 switches not working
4	Hall 4	2	3	-	1	1	7	1 tube light, 1 Fan not working
5	Hall 5	3	3	1	1	1	7	2 Fans, 1 Socket, 1 switch not working
6	Hall 6	3	2	-	No Switch Box available			No Switch Box
7	Hall 7	3	2	-	1	1	7	-
8	Hall 8	Hall is not available						Hall is not available

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	Science and Humanities	3	6	1	1	3	9	7	1 tube light not working

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
	-	-	-	-	-

S&H Drawing Hall

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1.	S&H Drawing Hall 1	6	6	-	-	2	17	2	1 tube light not working
2.	S&H Drawing Hall 2	6	3	-	-	2	14	2	4 tube lights, 1 Fan, 4 switches not working

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	Name of Lab 1 (Physics Lab)	5	4	-	-	-	-	8	16	26	2 tube lights, 1 Fan not working
2	Name of Lab 2 (Chemistry Lab)	5	1	-	-	-	-	12	12	24	2 Sockets not working
3	Name of Lab 3 (Professional Communication - Lab)	3	2	18	1 & 1 and half tonnes	1 & 30	-	31	91	32	1 tube light not working

S. Sundarajan Thirakanan
Auditor


Principal
Dr. M.S. RAVIKUMAR
Principal
ENGINEERING COLLEGE
Palathediyoor, Palayamkottai
Tirunelveli - 627 152.

PSN Engineering College, Tirunelveli

ENERGY AUDIT

Common

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1.	ATM	2	-	-	-	2	4	1	LED bulb – 1 available
2.	Ground(Electrical)	10	-	-	-	2 Main Switch		-	-
3.	Canteen (909 Canteen)	12	1	1	-	8	55	19	7 Lights not working
4.	Pump house	No Pump house							
5.	EB-Electrical control room	1	1	-	-	1	4	2	-
6.	RO Plant	-	-	-	-	1	3	3	-
7.	Solar and Wind Mill Control Room	2	1	-	-	1	4	1	-
8.	Street Lights (Solar)	5	-	-	-	-	-	-	-

S. Sundarajan Thirukarai
Auditor


Principal
Dr. M.S. RAJIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyaar, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

Hostel (GIRLS)

S.No	Name and	No. Rooms	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories/Consumables
1.	Warden Room	2	2	2	NIL	NIL	2	4	2	
2.	No of Student Rooms	80	80	80	NIL	NIL	80	320	80	
3.	Restrooms	50	10	-	-	-	2	14	2	-
4.	Stores	1	1	2	-	-	1	6	1	NIL
5.	Kitchen	2	6	2	-	-	3	15	5	NIL
6.	Gym	NIL								
7.	Library	NIL								
8.	Water heaters	1								
9.	Grinders	2								
10.	Mixer Grinder	2								
11.	Micro oven	NIL								
12.	Other equipments	Bioler -02								
13.	Computer Center	NIL								
14.	Dispensary	1	2	3	NIL	NIL	3	9	4	NIL
15.	Canteen/Stationery	1	6	5	NIL	NIL	4	24	4	NIL

Add rows if necessary

M. S. Srinivas
AUDITOR

PRINCIPAL

PSN ENGINEERING COLLEGE
Palathediyaar, Palayamkottai
Tirunelveli - 627 152




PSN Engineering College Tirunelveli


INTERNAL QUALITY ASSURANCE CELL

ENERGY AUDIT

DEPARTMENT	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of Power Sockets	No of switches	No of Computer and Accessories	No of AC and Capacity
Civil Engineering	29	33	1	17	21	92	4	1
Computer science and engineering	93	41	2	24	33	147	156	6(4.5 TON)
Communication Engineering	34	31	2	78	252	261	33	01(1.5 TON)
Information Technology	37	38	2	110	18	174	546	3(1.5TON)
Mechanical Engineering	68	40	4	165	252	337	38	1&1.5 TON
Mechanical and Automation Engineering	28	23	0	23	38	93	9	1(1.5TON)
Automobile Engineering	32	28	0	20	29	108	20	0
Science and Humanities engineering	80	44	2	79	162	234	20	1&1and half tonnes

401 278 13 516 805 1,446 826


 21/11/22.
 (S. Mispa Brown)


 21/11/22
 Dr. G. Satish Pandian
 Professor of Mech & Auto
 Director - IQAC
 PSN Engineering College,
 Tirunelveli 627152


 Dr. M.S. RAVIKUMAR
 PRINCIPAL
 PSN ENGINEERING COLLEGE
 Melathediyoor, Palayamkottai

No of UPS and Battery Capacity	No of Server and Capacity	No of Printers	No of Motors	MCB with Power Sockets
1	0	1	0	0
2(50 KVA)	0	1	0	0
01(7.5KV)Battery-15	0	3	0	4
UPS (25 KVA)-1 Battery- 30	1	2	0	0
7.5kVA (UPS)(12V*15)battery	01&D-link 10/100switch	2	65	0
0	0	3	0	0
0	0	2	0	0
1&30	0	1	0	0
	1	15	65	4


 27/11/24
 (S. Misra Brown)


 Dr. S. Satish Pandian
 Professor of Mech & Auto
 Director - IQAC
 PSN Engineering College,
 Tirunelveli 627152


 PRINCIPAL
 Dr. M.S. RAVIKUMAR
 Principal
 PSN ENGINEERING COLLEGE
 Melathadiyoor, Palayamkottai
 Tirunelveli - 627 162

- Quick Pay
- Bill Details
- e-receipt archive
- Account summary
- ASD Notice
- Bill History
- Add Number
- Delete Number
- Change password
- Edit profile
- Customer Support
- Complaints
- Complaint status
- Feed Back

Bill History

Bill History			
Bill Date	Units Consumed (kwh)	Bill Amount (Rs.)	Detailed Bill (Rs.)
06/05/2022	12940	107009	<input checked="" type="checkbox"/>
03/03/2022	11210	93367	<input checked="" type="checkbox"/>
05/01/2022	13010	107596	<input checked="" type="checkbox"/>
03/11/2021	12220	101333	<input checked="" type="checkbox"/>
03/09/2021	10590	88472	<input checked="" type="checkbox"/>
05/07/2021	7320	62661	<input checked="" type="checkbox"/>
07/05/2021	11400	94875	<input checked="" type="checkbox"/>
05/03/2021	7450	63739	<input checked="" type="checkbox"/>
05/01/2021	5290	46675	<input checked="" type="checkbox"/>
03/11/2020	7320	62679	<input checked="" type="checkbox"/>
02/09/2020	5480	48153	<input checked="" type="checkbox"/>
04/07/2020	3720	34293	<input checked="" type="checkbox"/>

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of Automobile Engineering

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1.	3	1	01	1	0	0

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1.	II Year	2	3	0	1	1	7	-
2.	III Year	2	3	0	1	1	7	-
3.	IV Year	2	3	0	1	1	7	-

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1.	AUTOMOBILE LAB	5	2	0	0	0	0	5	11	28	-

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1.	Department of Automobile Engineering	2	3	1	1	2	9	2	Monitor CPU Keyboard Mouse.

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1.	0	0	0	0	-

K. Gladwin
AUDITOR

M. S. Ravi Kumar
HoD
**Head of the Department,
Department of
Automobile Engineering
PSN Engineering College
Melathediyoor,
Tirunelveli - 627 152.**

M. S. Ravi Kumar
**DR. M. S. RAVIKUMAR
PRINCIPAL
PSN ENGINEERING COLLEGE
Melathediyoor, Palayamkottai
Tirunelveli - 627 152**

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Library

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1.	Library	16	13	19	0	7	40	10	Monitor CPU Keyboard Mouse.

Stationery/Stores

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1.	Store	3	1	0	1	3	10	3	Xerox machine is listed under Printers


AUDITOR

Head of the Department
Department of
Automobile Engineering
PSN Engineering College
Melathediyoar,
Tirunelveli - 627 152.


M.S. KAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoar, Palayanketta
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell


Department of Civil Engineering (PG)

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	2	1	1	1	NIL	1

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	I Year	2	3	NIL	1	1	7	
2	II Year	2	2	NIL	1	1	6	
3	Seminar halls	3	4	1	3	4	10	

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	1	3	6	1	1	2	15	3	

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1	NIL	NIL	NIL	NIL	NIL


HEAD OF THE DEPARTMENT
 Department of Civil Engineering
 PSN Engineering College
 Tirunelveli - 627 152.


Dr. M.S. RAVIKUMAR
 Principal
PSN ENGINEERING COLLEGE
 Meikathediyer, Panyankottai
 Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of CSE

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	6	3	1	1	NIL	1

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	II Year	3	3	1	2	2	7	PROJECTOR BOARD DAMAGED
2	III Year	3	3	NIL	1	1	7	
3	IV Year	5	3	1	1	1	7	PROJECTOR BOARD DAMAGED
4	MECSE I YEAR	2	3	NIL	1	1	7	-
5	MECSE II YEAR	2	3	NIL	1	1	7	-
6	MECSE/N.E I YEAR	2	3	NIL	1	1	7	-
7	MECSE/N.E II YEAR	2	3	NIL	1	1	7	-

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	Name of Lab 1	16	4	54	2(1.5TON)	1(25KVA)	NIL	3	8	15	AC NOT WORKING
2	Name of Lab 2	12	3	41	2(1.5TON)	1(25KVA)	NIL	4	8	13	AC NOT WORKING
3	Name of Lab 3	8	2	60	2(1.5TON)	NIL	NIL	2	2	17	NOT WORKING


PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	CSE-STAFF ROOM	12	5	1	1	3	18	3	

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1	NIL	NIL	NIL	NIL	NIL


AUDITOR


PRINCIPAL
Dr. M.S. ANANDKUMAR
Principal
PSN ENGINEERING COLLEGE
Melaithediyoor, Palayamkottai
Tirunelveli - 627 152.


PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

Auditorium & S&H Drawing Hall

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1.	S&H Drawing Hall	06	06	-	-	02	17	02	-
2.	Auditorium	20	NIL	-	-	02	18	02	-


AUDITOR


PRINCIPAL
Mr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoor, Palayamkotai
Tirunelveli - 627 152

PSN ENGINEERING COLLEGE, TIRUNELVELI
INTERNAL QUALITY ASSURANCE CELL
ENERGY AUDIT

Department of Electronics and Communication Engineering

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	03	05	01	01	00	00

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	II Year	02	03	01	01	05	09	-
2	III Year	02	03	-	01	01	05	-
3	IV Year	02	03	01	02	04	10	-

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	MCB	Remarks if any
1	DSP Lab	-	01	29	01(1.5 Ton)	UPS - 01 (7.5 KV) Battery - 15	-	30	62	95	01	1.AC-Not working 2.Distribution box - 01, 3.AC Power Socket with MCB, 4.Ethernet Converter - 01, 5.D-Link modem - 01

2	LIC Lab	04	01	-	-	-	-	22	57	30	01	-
3	Digital Electronics Lab	03	01	-	-	-	-	10	32	12	-	-
4	Electrical Machines Lab	05	02	-	-	-	-	02	02	18	-	-
5	Electronics device Lab	05	02	-	-	-	-	22	61	34	01	-

Staffroom

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	MCB with Power Socket	Remarks if any/ Computer accessories list
1	ECE	02	06	01	01	03	10	07	01	1.Jio Server box - 01, 2.OTB Connector - 01

Director Office


S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1	Director Office	03	01	01	01	04	19	09	Indicator - 01


IQAC Cell

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1	IQAC Cell	3	3	01	-	03	12	7	Electric bell – 03 (Unit-1)

Exam Cell

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1	Exam Cell	03	05	01	01	2	7	5	-


 AUDITOR [P. BABU]
 Head of The Department
 Electronics & Commn. Department
 PSN ENGINEERING COLLEGE
 Melathediyoor - 627 152.


 PRINCIPAL
 Dr. M.S. RAVINDRAN
 Principal
 PSN ENGINEERING COLLEGE
 Melathediyoor, Palayamkottai
 Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of IT

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	3	1	1	1	-	1

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	II Year	2	4	1	1	1	8	One switch damaged
2	III Year	3	4	1	1	-	8	One fan not working
3	IV Year	2	4	-	2	1	8	One tube not working

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	Name of Lab 1	10	8	Monitor -74 CPU - 74 Keyboard - 74 Mouse-74 16 Port Switch-3 24 Port	3 (1.5 Ton)	UPS (25 KVA) - 1 Battery - 30	1	Wall Fixed-2 Extension Boards-96	290	110	

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

				switch-2 Switch Rack-2 I/O box-75 Headphone- 1 Wifi Rack-1 Tata Rack-1 Plastic Chair-115 Table-1 Camera-6						
--	--	--	--	--	--	--	--	--	--	--

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	IT	2	4	HCL - 1	HP -1	1	5	1	

R. Robin Jesubalan
12/11/22
HOD

R. ROBIN JESUBALAN, M.E.,
Head of the Department
Department of Information Technology
PSN Engineering College
Melathediyoar, Tirunelveli

M.S. Ravikumar
PRINCIPAL

Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoar, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli.

Internal Quality Assurance Cell.

Admission Office

S. No.	Name /No.	No. of Tube lights	No. of Fans	No. of Computers and accessories	No. of Printers	No. of Switch Board	No. of switch	No. of power sockets	Remarks if any/ Computer accessories list etc.
1.		10	5	1	-	3	15	8	<ul style="list-style-type: none">• Two tube lights not glowing• One TV is fixed in the wall

Exam Cell

S. No.	Name /No.	No. of Tube lights	No. of Fans	No. of Computers and accessories	No. of Printers	No. of Switch Board	No. of switch	No. of power sockets	Remarks if any/ Computer accessories list etc.
1.		3	5	1	1	2	7	5	

Sports Room

S. No.	Name /No.	No. of Tube lights	No. of Fans	No. of Computers and accessories	No. of Printers	No. of Switch Board	No. of switches	No. of power sockets	Remarks if any/ Computer accessories list etc.
1.		2	2	-	-	1	6	1	

Girls Common Room

S. No.	Name /No.	No. of Tube lights	No. of Fans	No. of Computers and accessories	No. of Printers	No. of Switch Board	No. of switches	No. of power sockets	Remarks if any/ Computer accessories list etc.
1.		3	2	-	-	1	9	1	

P. P. P. 2/11/21
Auditor

Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoar, Palayamkottai
Tirunelveli - 627 152

R. ROBIN JESUBALAN, M.E.,
Head of the Department
Department of Information Technology
PSN Engineering College
Melathediyoar, Tirunelveli

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of ~~Civil/Mechanical Engineering/ECE/IT/CSE/M&A/Auto~~

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1.	04	08	001	01	00	00

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1.	II Year	02	03	00	01	01	07	
2.	III Year	02	02	01	01	01	07	
3.	IV Year	02	03	01	01	01	07	
4.	Class 1	02	01	00	01	01	07	

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	No. of motors	Remarks if any
1.	CADM Lab	02	03	30	1& 1.5TON	7.5kVA (UPS) (12V*15)battery	01 & D-link 10/100 switch	27	53	34	00	
2.	Manufacturing technology lab	07	01	00	00	00	00	02	03	03	31	
3.	Thermal	02	02	00	00	00	00	14	13	17	04	

PSN Engineering College, Tirunelveli


Internal Quality Assurance Cell

	lab											
4.	FM lab	00	01	00	00	00	00	02	03	05	15	
5.	EP lab	01	01	00	00	00	00	03	01	04	02	
6.	MM Lab	03	01	00	00	00	00	07	08	19	00	
7.	DOM Lab	03	02	00	00	00	00	08	15	23	03	
8.	SOM Lab & Mechatronics lab	04	02	02	00	00	00	12	17	26	04	

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	MECHENICAL	02	02	00	01	01	07	02	

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1	00	NILL	00	NILL	NILL


IN-CHARGE

for 
HOD
DEPARTMENT OF MECHANICAL ENGINEERING
PSN ENGINEERING COLLEGE
TIRUNELVELI - 627 152


M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Pulathediyoor, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of Civil/Mechanical Engineering/ECE/IT/CSE/M&A/Auto

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1.	06	08	01	01	01	01

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1.	II Year	02	03	00	01	01	07	
2.	III Year	02	02	01	01	01	07	
3.	IV Year	02	03	01	01	01	07	
4.	Class 1	02	02	00	01	01	07	
5.	Class2	02	02	00	01	01	07	
6.	Class3	01	00	00	03	09	03	

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	No. of motors	Remarks if any
1.	CADM Lab	02	03	30	1& 1.5TON	7.5kVA (UPS) (12V*15)battery	01 & D-link 10/100 switch	27	53	34	00	
2.	Manufacturing technology	07	01	00	00	00	00	02	03	03	31	

PSN Engineering College, Tirunelveli

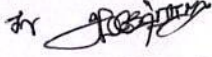
Internal Quality Assurance Cell

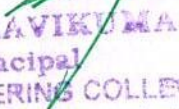
	lab											
3.	Thermal lab	02	02	00	00	00	00	14	13	17	04	
4.	FM lab	00	01	00	00	00	00	02	03	05	15	
5.	EP lab	01	01	00	00	00	00	03	01	04	02	
6.	MM Lab	03	01	00	00	00	00	07	08	19	00	
7.	DOM Lab	03	02	00	00	00	00	08	15	23	03	
8.	SOM Lab & Mechatronics lab	04	02	02	00	00	00	12	17	26	04	

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	MECHENICAL	01	01	01	01	02	02	06	

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1	01	NILL	00	NILL	NILL


IN - CHARGE


HOD
DEPARTMENT OF MECHANICAL ENGINEERING
PSN ENGINEERING COLLEGE
TIRUNELVELI - 627 152


Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoor, Palaysmkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT

Department of Mechanical and Automation Engineering

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	3	1	0	1	0	0

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	II Year	2	3	0	1	1	7	
2	III Year	2	3	0	1	1	7	
3	IV Year	2	2	0	1	1	7	


S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	Automation Lab	0	0	0	0	0	0	0	0	0	

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

S.No	Staffroom Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list
1	1	2	4	1set	1	1	7	1	Extension Box -1 Telephone -1

S.No	No of Restroom(s) annexed with concerned Dept.	No of Tube lights	No of Switch Boards	No and Type of Sensors	Other Facilities
1	0	0	0	0	0


 HoD [T. LIVINGSTON]
Head of the Department
Department of Mechanical
and Automation Engineering
PSN Engineering College
Melathediyoor,
Tirunelveli - 627 152.


PRINCIPAL
Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoor, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

S.No	Name /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of Ac with capacity	No of Printers	No of Switch Board	No of Switches	No of power Sockets	Remarks if any/ Computer accessories list etc
1.	Chairman office	4	3	Monitor 2	0	0	2	9	4	DVR – 2 Ethernet Switch - 2
2.	Principal office	12 1 (CFL)	4	1 set	1 (1.5 Ton)	1	4	21 AC Switch - 1	7	Fish Tank – 1 TV – 55 inch Stabilizer – 2 Changeover Switch - 1
3.	Administrative office	5	4	5 set		1	13	24	23	Cash Counting M/C – 1 Digital Wall clock – 1 Bio metric – 1 Net 16 PORT Switch -1

[Handwritten Signature]
12.11.2011

Auditor

[T. Hvingston]

Head of the Department
Department of Mechanical
and Automation Engineering
PSN Engineering College
Melathediyoer,
Tirunelveli - 627 152.

[Handwritten Signature]
Principal

Dr. M.S. RAVIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoer, Palayamkottai
Tirunelveli - 627 152

PSN Engineering College, Tirunelveli

Internal Quality Assurance Cell

ENERGY AUDIT: DEPARTMENT OF CIVIL ENGINEERING (UG)

S.No	No of Class Rooms	No of Laboratories	No of Seminar Halls	No of Staff Room	No of Rest Rooms	No of Library
1	3	5	1	1	NIL	1

S.No	Classroom Name /No.	No of Tube Lights	No of Fans	No of Projectors	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1	II Year	2	3	NIL	1	1	7	
2	III Year	2	3	NIL	1	1	7	
3	IV Year	2	3	NIL	1	1	7	

S.No	Laboratories /No.	No of Tube Lights	No of Fans	No of Computers and accessories	No of AC and Capacity	No of UPS and Battery Capacity	No of Server and Capacity	No of Switch Board	No of power Sockets	No of Switches	Remarks if any
1.	Surveying laboratory	3	1	NIL	NIL	NIL	NIL	1	1	4	
2.	Construction materials laboratory	2	1	NIL	NIL	NIL	NIL	1	1	7	
3	Soil mechanics laboratory	3	1	NIL	NIL	NIL	NIL	1	1	3	
4	Water and waste water analysis laboratory	3	1	NIL	NIL	NIL	NIL	2	2	11	
5	Cad lab	2	5	3	1	1	NIL	2	4	8	