



**TEQIP-3**  
Technical Education Quality Improvement Programme



**MHRD**

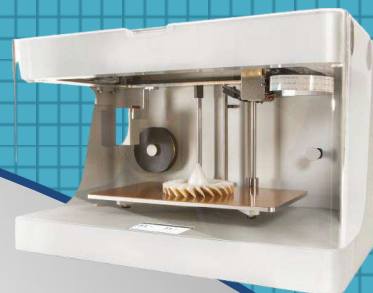


**WORLD BANK GROUP**

# **“INVENTORY HANDBOOK”**

**(GOODS PROCURED UNDER TEQIP-III FUND)**

## **Volume - I**



**Compiled by**

**Government College of Engineering, Bargur.**

**Under the guidance of**

**Shri. K.VIVEKANANDAN, IAS,**

**Commissioner of Technical Education,**

**Directorate of Technical Education, Guindy,**

**Chennai-600 025.**

# **“INVENTORY HANDBOOK”**

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**Volume - I**

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**Chennai-600 025.**

# PREFACE

The Project TEQIP III is part of the long term Technical Education Quality Improvement Programme and aims to scale up & support ongoing efforts of the Government to improve quality of technical education and enhance existing capacities of the institutions. TEQIP is being assisted by the World Bank and NPIU and SPIU. Seven Government/Government Aided Institutes have been participating from Tamil Nadu. Most advanced and essential equipment for the purpose of Research activity, laboratory experiments and consultancy activity had procured under TEQIP III Fund by above institutes.

This book is prepared under the Guidance of **Shri.K.Vivekanandan**, IAS, Commissioner of Technical Education and State Project Advisor, Directorate of Technical Education, Guindy, Chennai-600 025 with joint support of State project coordinator, all TEQIP III – Coordinators and Procurement Nodal officers.

The **“Inventory Handbook” (Goods Procured under TEQIP-III Fund)** provides the basic information of equipment and brief of utilisation since the equipment procured along with the image of the equipments. However the Handbook is only providing basic information it may help as showcase to promote sharing of resources among TEQIP funded and Non TEQIP funded institutes also improves consultancy. Ultimately it may ensure that the effective utilisation of every resource of TEQIP funded institutes.

This handbook also will help your Institution/Industry/Organization to identify the resource available in the TEQIP – Institutions for improved consultancy/Testing/R&D from you side.

For Testing/consultancy/R&D activity the necessary information shall be collected from the following officials

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# CONTENT

## Government College of Technology, Coimbatore

S.No.	Unique ID	Name of the Equipment	Page. No.
1.	GCT001	Industrial DCS Trainer	1
2.	GCT002	Numerical Relay Logic Development and Test Bench	1
3.	GCT003	Ultrasonic Pulse velocity Concrete Testing Apparatus with all necessary accessories	2
4.	GCT004	Balance of System for 10kW Solar PVT-2 Nos	2
5.	GCT005	Photo Fluorescence Spectrophotometer With Accessories And Software	3
6.	GCT006	Vector Network Analyzer	3
7.	GCT007	Viscometer	4
8.	GCT008	FPGA based MIMO Software Defined Radio Hardware Bundle	4
9.	GCT009	Magnetic Levitation Workstation	5
10.	GCT010	Automatic weld feed movement attachment	5
11.	GCT011	MIG welding machine with CMT technology	6
12.	GCT012	Concrete Scanner with corrosion analyzer	6
13.	GCT013	CNC Wirecut EDM with DRO	7
14.	GCT014	Embedded Systems Development Kits	7
15.	GCT015	CoD digester	8
16.	GCT016	Indoor Weather and Air Quality Monitoring Kit	8
17.	GCT017	Vacuum Furnace	9
18.	GCT018	Cloud Computing Lab	9
19.	GCT019	Data Logging Sound Level Meter	10
20.	GCT020	Lyophilizer	10
21.	GCT021	Fully automated in-situ sterilization 10 L Fermenter	11
22.	GCT022	Fluidyn PANACHE	11
23.	GCT023	Automation Lab	12
24.	GCT024	INDUSTRIAL IOT TRAINING SYSTEM	12
25.	GCT025	Electrical Motor testing setup	13

**Government College of Engineering, Salem**

S.No.	Unique ID	Name of the Equipment	Page. No.
26.	GCES001	Firewall & Threat prevention Packages and end switches	14
27.	GCES002	Core Switches and Distribution Switches	14
28.	GCES003	EDS attachment for SEM	15
29.	GCES004	X-ray Diffractometer	15
30.	GCES005	CNC Wire cut EDM machine	16
31.	GCES006	Optical Emission Spectrometer	16
32.	GCES007	Solar PV and Thermal Imager	17
33.	GCES008	Solar Array Simulator 2KW	17
34.	GCES009	d SPACE Micro Lab Box	18
35.	GCES010	Servo hydraulic Shake Table with Earthquake motion along with shake table strumentation and experimental models	18

**Alagappa Chettiar Government College of Engg. and Tech., Karaikudi**

S.No.	Unique ID	Name of the Equipment	Page. No.
36.	ACTE001	Micro lab Box	19
37.	ACTE002	Bottom Pouring Stir Casting Furnace with attachment	19
38.	ACTE003	Electro Chemical Workstation	20
39.	ACTE004	Energy Engineering Gadgets Attachments	20
40.	ACTE005	Smart Grid setup	21
41.	ACTE006	Vector Network Analyzer	21
42.	ACTE007	Optiwave - Optisystem	22
43.	ACTE008	Pile Testing System with Frame	22
44.	ACTE009	Spectrum Analyzer	23
45.	ACTE010	Computer Standalone Tower Servers	23
46.	ACTE011	Manageable Edge Switches and Power over Ethernet (PoE) Switches to Wi-Fi APs	24
47.	ACTE012	Upgradation of Central Core Switch of Campus Wide Network	24
48.	ACTE013	FTIR Spectrometer	25
49.	ACTE014	Vibration Comprehensive Experimental Teaching System	25

50.	ACTE015	GPU Based Nano Development Kit	26
-----	---------	--------------------------------	----

**Government College of Engineering, Bargur**

S.No.	Unique ID	Name of the Equipment	Page. No.
51.	GCEB001	AC and DC drives Lab Equipments for PG	27
52.	GCEB002	Multichannel Electrochemical Workstation.	27
53.	GCEB003	Fuel Cell Trainer System	28
54.	GCEB004	Cloud Computing Lab .Equipment.	28
55.	GCEB005	Double Fed Induction Generator Setup	29
56.	GCEB006	Multi-Purpose Welding Setup	29
57.	GCEB007	Power Plant Simulation Software	30
58.	GCEB008	Educational collaborative device	30
59.	GCEB009	Vibration measurement trainer module kit	31
60.	GCEB010	3D Printing Machine	31
61.	GCEB011	IOT Lab	32
62.	GCEB012	Pulse Plating Setup	32
63.	GCEB013	Gas Turbine test rig	33

**Thiagarajar College of Engineering, Madurai**

S.No.	Unique ID	Name of the Equipment	Page. No.
64.	TEC001	RF & Wireless boards/1	34
65.	TEC002	Complete Steam Laboratory (boiler, turbine & condenser)	34
66.	TEC003	Nexus Switch	35
67.	TEC004	VLSI Evaluation Kit	35
68.	TEC005	AI GPU Deep Learning Center	36
69.	TEC006	Signal Processing Emulator Kit	36
70.	TEC007	DlgSILENT Power Factory Software	37
71.	TEC008	Solar PV and Wind Hybrid System with DC Micro Grid	37
72.	TEC009	Linear Motion control system	38
73.	TEC010	CNC Turning Simulator and Software	38

74.	TEC011	Proportional hydraulics and drive	39
75.	TEC012	IOT based mechatronics system	39
76.	TEC013	Forensic Science Lab-Forensic Hardware and Software Tool Kit	40
77.	TEC014	MTL Nano materials testing	40
78.	TEC015	Water Modeling Software Package	41
79.	TEC016	Metrology Lab	41
80.	TEC017	RF & Wireless boards/2	42
81.	TEC018	IoT Lab Components	42
82.	TEC019	Solar Energy Experiment System	43
83.	TEC020	CST Microwave	43
84.	TEC021	Light Runner (Touch screen based ) with basic fiber optic experiments +EDFA+WDM	44
85.	TEC022	R soft Optsim an optical communication system design and simulation software	44
86.	TEC023	3D Printer	45
87.	TEC024	PCB Prototype Fabrication Machine	45
88.	TEC025	Gas Chromotography	46

**PSG College of Technology, Coimbatore**

<b>S.No.</b>	<b>Unique ID</b>	<b>Name of the Equipment</b>	<b>Page. No.</b>
89.	PSG001	ROBO Hydraulic Trainer	47
90.	PSG002	BIOTECH Liquid Chromatography System	47
91.	PSG003	PROD Climatic Chamber	48
92.	PSG004	CIVIL Testing Lab	48
93.	PSG005	META Micro-Tensile Tester	49
94.	PSG006	DAQ System	49
95.	PSG007	ECE Advanced Image Processing System	50
96.	PSG008	AUTO Eddy Current System	50
97.	PSG009	MECH NC Hydraulic Press Brake	51
98.	PSG010	EEE Power Engineering Lab	51
99.	PSG011	META Particle Size Analyser	52



100.	PSG012	Wifi Systems	52
101.	PSG013	ROBO Motor Test Bench	53
102.	PSG014	TEXT Compression Molding Machine	53
103.	PSG015	Environmental Analysis and Solutions Lab	54
104.	PSG016	ESD Testing Table with Chair	54
105.	PSG017	Startup Cell	55
106.	PSG018	Server & Workstation	55
107.	PSG019	Physics Apparatus	56
108.	PSG020	Biofeedback System	56
109.	PSG021	EEE Microprocessor and DSP Lab	57
110.	PSG022	Solid Waste Management	57
111.	PSG023	CNC	58

**Coimbatore Institute of Technology, Coimbatore**

S.No.	Unique ID	Name of the Equipment	Page. No.
112.	CIT001	Electrospinning Machine	59
113.	CIT002	5G : Signal Analyzer & Vector Signal Generator	59
114.	CIT003	CNC machine for machining using Abrasive water jet	60
115.	CIT004	IoT Indoor/Outdoor Gas Monitoring	60
116.	CIT005	Automation Laboratory	61
117.	CIT006	IoT Experimental Test Bed	61

**GCT001: Industrial DCS Trainer**

**Cost of the Equipment** ₹23.9Lakh

**Date of Installation** 20.06.2018



Details of Utilization UG Lab

Supplier Name M/s. Vi Microsystems Pvt Ltd

Supplier Address Plot No - 75, Electronics Estate, Perungudi, Chennai - 600096, Chennai, Tamil Nadu, 600096

Mean Time Between Failures (MTBF) No failure Till Now Since Procurement

Utilization Factor (UF) 0.183

**GCT002: Numerical Relay Logic Development and Test Bench**

**Cost of the Equipment** ₹9.91Lakh

**Date of Installation** 22.06.2018



Details of Utilization Research

Supplier Name M/S Power Research and Development Consultants Pvt Lt

Supplier Address Bangalore,Karnataka

Mean Time Between Failures (MTBF) 1227 Hrs

Utilization Factor (UF) 0.183

**GCT003: Ultrasonic Pulse velocity Concrete Testing Apparatus with all necessary accessories**
**Cost of the Equipment ₹7.89Lakh**
**Date of Installation 06.08.2018**


Details of Utilization	non-destructive testing of concrete of PG students and research scholars
------------------------	--

Supplier Name	M/s. Aimil Ltd
---------------	----------------

Supplier Address	Naimex House, A-8, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi - 110044
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Mean Time Between Failures (MTBF)	No failure Till Now Since Procurement
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Utilization Factor (UF)	0.183
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**GCT004: Balance of System for 10kW Solar PVT-2 Nos**
**Cost of the Equipment ₹17.77Lakh**
**Date of Installation 15.10.2018**


Details of Utilization	Research
------------------------	----------

Supplier Name	M/s.POLAAR TEX
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Supplier Address	7, V.K.R. THOTAK 1ST STREET, B.S.S. ROAD, TIRUPUR-641601
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Mean Time Between Failures (MTBF)	1
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Utilization Factor (UF)	0.166
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**GCT005: Photo Fluorescence Spectrophotometer With Accessories And Software**

**Cost of the Equipment** ₹12.89Lakh

**Date of Installation** 29.01.2019



Details of Utilization	Very useful for research purpose and inter disciplinary research can also be carried out
Supplier Name	M/s. Agilent Technologies India Pvt Ltd
Supplier Address	Regus Olympia, Olympia Tech Park, Level 2, ALTIUS Building,1 - SIDCO Industrial Estate, Guindy, Chennai - 600 032., Chennai, Tamil Nadu, 600032
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.1666

**GCT006: Vector Network Analyzer**

**Cost of the Equipment** ₹7.24Lakh

**Date of Installation** 14.02.2019



Details of Utilization	helpful for UG and PG students in RF and Antenna domain
Supplier Name	M/S. Entuple Technologies Pvt Ltd
Supplier Address	No.2730,"Trikanika", 80 feet road, HAL 3rd Stage,Opp CMH, Indiranagar, Bangalore, Karnataka, 560038
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.125

**GCT007: Viscometer**

**Cost of the Equipment** ₹4.89Lakh

**Date of Installation** 25.03.2019

**Details of Utilization**

Use of the Package: Viscometer is a useful equipment to determine the viscosity of the samples in Bioprocess-I, Bioprocess Lab-II and also for research purpose. Using the viscometer the following experiments can be done •  
Determination of viscosity of fer

Supplier Name M/s. The Precision Scientific Co

Supplier Address 503, Veeraboyar Colony, Dr.Nanjappa Road,, Coimbatore, Tamil Nadu, 641018

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.1583

**GCT008: FPGA based MIMO Software Defined Radio Hardware Bundle**

**Cost of the Equipment** ₹12Lakh

**Date of Installation** 29.03.2019



Details of Utilization UG Project Work PG Project Work/UG Lab

Supplier Name M/s. NI Systems (India) Private Limited

Supplier Address 81/1 & 82/1, Salarpuria Softzone Wing B, 5th Floor, Block A Bellandur, VarthurHobli, Bangalore, Karnataka, 560103

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.1

**GCT009: Magnetic Levitation Workstation**

**Cost of the Equipment** ₹7.9Lakh

**Date of Installation** 04.04.2019



Details of Utilization	used to test and implement more advanced control strategies, such as multi-variable, gain scheduling, and nonlinear control
Supplier Name	M/s. Edutech India Pvt Ltd
Supplier Address	20, Crystal Lawn, 3rd floor, Haddows road, 1st street, Chennai, Tamil Nadu, 600006
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.0833

**GCT010: Automatic weld feed movement attachment**

**Cost of the Equipment** ₹4.86Lakh

**Date of Installation** 22.04.2019



Details of Utilization	Automatic weld feed movement attachment is an accessory which can be used in any welding machines. Welding can be done with varying thickness of work piece in desired weld feed with the help of this accessory. The welding electrode can be moved in any dir
Supplier Name	M/S.PERFECT WELD SYSTEMS
Supplier Address	21,Old Post Office Road,Coimbatore- 641018
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	

**GCT011: MIG welding machine with CMT technology**

**Cost of the Equipment** ₹14.16Lakh

**Date of Installation** 06.05.2019



Details of Utilization	Research / Consultancy
Supplier Name	M/S.PERFECT WELD SYSTEMS
Supplier Address	21,Old Post Office Road,Coimbatore- 641018
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.2

**GCT012: Concrete Scanner with corrosion analyzer**

**Cost of the Equipment** ₹8.35Lakh

**Date of Installation** 08.05.2019



Details of Utilization	Use of the Package: research scholars to carry out research work
Supplier Name	M/s. Aimil Ltd
Supplier Address	L19, Dr.VSI Estate, Phase II Thiruvannamiyur, Chennai, Chennai, Tamil Nadu, 600041
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.066



**GCT013: CNC Wirecut EDM with DRO**

**Cost of the Equipment** ₹8.66Lakh

**Date of Installation** 15.05.2019



Details of Utilization Project/ Research works for UG, PG & Ph.D scholars

Supplier Name M/s. Micro Mech Instruments

Supplier Address No.1, Second Cross Street, Thendral Nagar, Karapakkam,, Chennai, Tamil Nadu, 600097

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.208

**GCT014: Embedded Systems Development Kits**

**Cost of the Equipment** ₹3.69Lakh

**Date of Installation** 09.07.2019



Details of Utilization Enables researchers and students to explore different aspects and different applications in Embedded Systems including automotive, medical, lighting, smart phone etc.

Supplier Name M/s.Transform electricals

Supplier Address #30 & 31,1st Main Road, Prakruthi Layout, Behind , Balan's (P) Ltd. Singapura Village, Vidyaranyapura (Post), Bangalore-560097

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.125



**GCT015: CoD digester**

**Cost of the Equipment** ₹2.6Lakh

**Date of Installation** 20.08.2019

**Details of Utilization**

Used to measure 1. Digestion of COD test samples and multifunction dry bath heating, 2. For determination of chemical oxygen demand for various substances

**Supplier Name**

M.s. Genesys Inc.

**Supplier Address**

No.52, Alamu Nagar, 1st Street, 1st cross, Gandhipuram, Coimbatore - 641012

**Mean Time Between Failures (MTBF)**

No Breakdowns occurred Till Date

**Utilization Factor (UF)**

0.1166

**GCT016: Indoor Weather and Air Quality Monitoring Kit**

**Cost of the Equipment** ₹3.54Lakh

**Date of Installation** 06.09.2019

**Details of Utilization**

Indoor Weather and Air quality monitoring kit is required to demonstrate it for PG students in the regular class work of Air Pollution Control. This equipment can be used for carrying out PG project work in the area of Air pollution studies. Doctoral works

**Supplier Name**

M/s. I SQUARE SYSTEMS

**Supplier Address**

37,3rd Floor, Aiswaria Complex, 196, T.V.Samy Road, R.S.Puram, Coimbatore- 641002

**Mean Time Between Failures (MTBF)**

No Breakdowns occurred Till Date

**Utilization Factor (UF)**

0.1333

**GCT017: Vacuum Furnace**

**Cost of the Equipment** ₹7.77Lakh

**Date of Installation** 11.09.2019



Details of Utilization For research work

Supplier Name M/s. SIGMA SCIENTIFIC PRODUCTS SRIRAM NIVAS

Supplier Address NO.15, HINDU COLONY 9TH CROSS  
STREET,NANGANALLUR, CHENNAI- 600061

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.1

**GCT018: Cloud Computing Lab**

**Cost of the Equipment** ₹9.6Lakh

**Date of Installation** 16.09.2019



Details of Utilization Used for Traditional learning ,Cloud-Based Solution,Simplified  
Virtual Training,Cloud Labs for Remote or Classroom Training

Supplier Name M/s. Vyapini Tech services private limited

Supplier Address No. 27/7, Raja nagar, 2nd street, sowripalayam post,  
Coimbatore-641028.

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.058

**GCT019: Data Logging Sound Level Meter**

**Cost of the Equipment** ₹2.44Lakh

**Date of Installation** 25.09.2019



Details of Utilization Used to measure the parameters such as  
1.SPL,SEL,LEQ/LAVG,LMax,LMin,LPk

Supplier Name M/s. SUN TEKNOLOZY, "STUDIO-10"

Supplier Address Vasavi Street,Plotno.32& 33, Kelambakkam Coimbatore -  
603103.

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.1083

**GCT020: Lyophilizer**

**Cost of the Equipment** ₹8.92Lakh

**Date of Installation** 01.10.2019



Details of Utilization For Research projects and Laboratory courses

Supplier Name M.s. Genesys Inc.

Supplier Address No.52, Alamu Nagar, 1st Street, 1st cross, Gandhipuram,  
Coimbatore - 641012

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 0.066

**GCT021: Fully automated in-situ sterilization 10 L Fermenter**

**Cost of the Equipment** ₹9.89Lakh

**Date of Installation** 01.11.2019

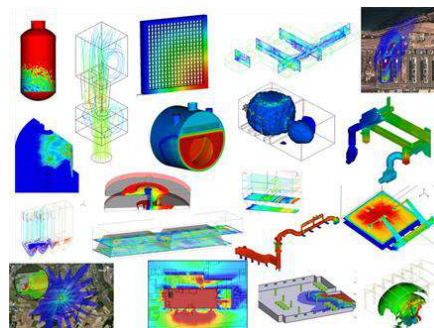


Details of Utilization	To make students industrially equipped hands
Supplier Name	M.s. Genesys Inc.
Supplier Address	No.52, Alamu Nagar, 1st Street, 1st cross, Gandhipuram, Coimbatore - 641012
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	0.0333

**GCT022: Fluidyn PANACHE**

**Cost of the Equipment** ₹0.26Lakh

**Date of Installation** 04.12.2019



Details of Utilization	Used to measure 1. Indoor/outdoor air quality health impact Odour impact 2. Animation facility to visualize plume movement and spreading wind flow vectors and counters of wind components
Supplier Name	M/s.FluidynConsultancy Private Limited
Supplier Address	No.146, HSR Layout Sector 5, Ring Road, Bengaluru-560102 Karnataka
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	

**GCT023: Automation Lab**

**Cost of the Equipment** ₹9.73Lakh

**Date of Installation** 18.12.2019



Details of Utilization                      useful to Mechanical UG and PG students to do their project work effectively

Supplier Name                      M/s. Silicon Systems

Supplier Address                      15/29, Mahaliamman Nagar, Kalapatti, Coimbatore-641048

Mean Time Between Failures (MTBF)                      No Breakdowns occurred Till Date

Utilization Factor (UF)                      0.033

**GCT024: INDUSTRIAL IOT TRAINING SYSTEM**

**Cost of the Equipment** ₹12.59Lakh

**Date of Installation** 18.12.2019



Details of Utilization                      It is useful for Curriculum enrichment of students for research purpose. IoT lab is used for outsourced projects

Supplier Name                      M/s. Enthu Technology Solutions India Pvt Ltd

Supplier Address                      88 & 89, SSN Square, Peelamedu Pudur, Pudhur Near RTO office south, Coimbatore-641004, TamilNadu

Mean Time Between Failures (MTBF)                      No Breakdowns occurred Till Date

Utilization Factor (UF)                      0.058

**GCT025: Electrical Motor testing setup**

**Cost of the Equipment** ₹44.9Lakh

**Date of Installation** 19.02.2020



**Details of Utilization**

Energy efficient drives are preferable in all industries and our government also encourages to have energy efficient and pollution free machines in various applications. It is very much useful to the student and research scholars to enrich their knowledge

Supplier Name	M/s. Gayathiri Computer Solutions
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Supplier Address	No 25, Mahalakshmi Kovil Street, Upplipalayam (P.O) Coimbatore - 641015
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Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
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Utilization Factor (UF)	0.0333
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**GCES001: Firewall & Threat prevention Packages and end switches**

**Cost of the Equipment** ₹24.78Lakh

**Date of Installation** 12.04.2018



Details of Utilization	Campus Wide Networking
Supplier Name	M/s. Madras Networking Company-(2017-2018)
Supplier Address	No.4,2nd Street, ShakthiVijayalakshmi Nagar, Velachery, Chennai-600042
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	100%

**GCES002: Core Switches and Distribution Switches**

**Cost of the Equipment** ₹49.29Lakh

**Date of Installation** 25.06.2018



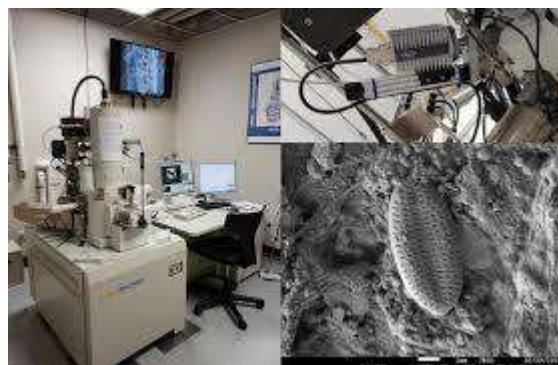
Details of Utilization	Campus Wide Networking
Supplier Name	M/s. Madras Networking Company-(2017-2018)
Supplier Address	No.4,2nd Street, ShakthiVijayalakshmi Nagar, Velachery, Chennai-600042
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	100%



**GCES003: EDS attachment for SEM**

**Cost of the Equipment** ₹30.20Lakh

**Date of Installation** 06.09.2018



Details of Utilization

Research and Consultancy

Supplier Name

M/s. Advance Scientific Equipment Pvt. Ltd

Supplier Address

F-2, First Floor, Opp. Punjab National Bank, #67, Eldams Road, Alwarpet, Chennai-600018

Mean Time Between Failures (MTBF)

No Failure till now since procurement

Utilization Factor (UF)

0.0189

**GCES004: X-ray Diffractometer**

**Cost of the Equipment** ₹57.01Lakh

**Date of Installation** 30.05.2019



Details of Utilization

Research and UG Lab

Supplier Name

M/s SPECTRIS TECHNOLOGIES PVT, LTD

Supplier Address

Unit no.P701-705, 7th Floor JMD Megapollis sohna Road Sec-48, Gurgaon, Haryana

Mean Time Between Failures (MTBF)

No Failure till now since procurement

Utilization Factor (UF)

18%



**GCES005: CNC Wire cut EDM machine**

**Cost of the Equipment** ₹38.91Lakh

**Date of Installation** 12.06.2019



Details of Utilization

Research and Consultancy

Supplier Name

M/s MICRO MECH INSTRUMENTS

Supplier Address

No.1, Second Cross Street, Thendral Nagar, Karapakkam,  
Chennai-600097

Mean Time Between Failures (MTBF)

No Failure till now since procurement

Utilization Factor (UF)

0.0529

**GCES006: Optical Emission Spectrometer**

**Cost of the Equipment** ₹13.98Lakh

**Date of Installation** 21.06.2019



Details of Utilization

Research

Supplier Name

M/s Dynamic Technology Systems

Supplier Address

101, New Udyog Mandir, No. 2, Mogul lane, Mahim, Mumbai -  
400016

Mean Time Between Failures (MTBF)

No Failure till now since procurement

Utilization Factor (UF)

8%

**GCES007: Solar PV and Thermal Imager**

**Cost of the Equipment** ₹6.49Lakh

**Date of Installation** 29.07.2019



Details of Utilization	Research
Supplier Name	M/s I Square Systems
Supplier Address	37, 3rd Floor, Aiswaria Complex, 196, T.V.Swamy Road (West), R.S.Puram, Coimbatore-641002
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	12hrs

**GCES008: Solar Array Simulator 2KW**

**Cost of the Equipment** ₹7.94Lakh

**Date of Installation** 05.09.2019



Details of Utilization	Research
Supplier Name	M/s I Square Systems
Supplier Address	22, 1st Floor, Aiswaria Complex, 196, T.V.Swamy Road (West), R.S.Puram, Coimbatore-641 002
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	100%

**GCES009: d SPACE Micro Lab Box**

**Cost of the Equipment** ₹18.58Lakh

**Date of Installation** 07.09.2019



Details of Utilization	Research
Supplier Name	M/s Dyna fusion Technologies Private Limited
Supplier Address	214, First Floor, Bellary Road, Sadashivnagar, Bangalore-560080
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	100%

**GCES010: Servo hydraulic Shake Table with Earthquake motion along with shake table instrumentation and experimental models**

**Cost of the Equipment** ₹53.1Lakh

**Date of Installation** 16.03.2020



Details of Utilization	Research
Supplier Name	M/s MILENIUM TECHNOLOGIES (I) PVT LTD
Supplier Address	No. 10, 8th Main, 5th Cross, SLV Industrial Estate, Thigaral Palya Main Road, Near Manjushree Garments, Peeny Second Stage, Bangalore - 560058
Mean Time Between Failures (MTBF)	No Failure till now since procurement
Utilization Factor (UF)	100%

**ACTE001: Micro lab Box**

**Cost of the Equipment** ₹15.80Lakh

**Date of Installation** 28.05.2019



Details of Utilization	R&D activities
Supplier Name	M/s. Dyna Fusion Technologies (P) Limited
Supplier Address	#214, 1st floor, Bellary Road, Sadashivnagar, Bangalore-560080
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	75 hrs

**ACTE002: Bottom Pouring Stir Casting Furnace with attachment**

**Cost of the Equipment** ₹11.76Lakh

**Date of Installation** 21.08.2019



Details of Utilization	1.R&D activities, 2.Consultancy
Supplier Name	M/s. Swam Equip
Supplier Address	plot.No.5, Door No.39, Bajanaikoil 3rd Street, Hasthinapuram, Chennai-600064
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	98hrs

**ACTE003: Electro Chemical Workstation**

**Cost of the Equipment** ₹29.85Lakh

**Date of Installation** 06.09.2019



Details of Utilization

Research Activities

Supplier Name

M/S Metrohm India Limited

Supplier Address

Origin Sri Towers, 3&4, Fourrts Avenue, Annai Indira Nagar, Okkiyam, Thoraipakkam, Chennai-600 097

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

100%

**ACTE004: Energy Engineering Gadgets Attachments**

**Cost of the Equipment** ₹8.21Lakh

**Date of Installation** 17.09.2019



Details of Utilization

R&D activities

Supplier Name

M/s. Shree Nidhi Engineers

Supplier Address

No: 28, 5th Cross Shamanna Gowda Road Kaverinagar, R.T. Nagara, Bengalooru - 560 032.

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

85hrs



**ACTE005: Smart Grid setup**

**Cost of the Equipment** ₹33.94Lakh

**Date of Installation** 23.09.2019



Details of Utilization	1.Research Activities 2. UG& PG students lab
Supplier Name	M/S MM MICROTECH, No. 48 Pillayar Kovil Street
Supplier Address	Anumanthaputheri, Chengalpattu, Tamilnadu-603002
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	75 hrs

**ACTE006: Vector Network Analyzer**

**Cost of the Equipment** ₹27.43Lakh

**Date of Installation** 03.10.2019



Details of Utilization	B.E & M.E Project use and R&D Activities
Supplier Name	M/S Rohde & Schwarz India Pvt.Ltd
Supplier Address	A-27, 1st floor, Mohan Co Operative Industrial Estate, Mathura Road, New Delhi-110044
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

**ACTE007: Optiwave - Optisystem**

**Cost of the Equipment** ₹6.82Lakh

**Date of Installation** 10.10.2019



Details of Utilization

This software is mandatory for conducting the practical subject "OPTICAL NETWORKING LAB" for M.E. (Optical Communication) students. It can be used for generating revenue from out station Ph.D scholars and PG scholars

Supplier Name M/s HR Universal Systems Inc

Supplier Address Corporate Suite #59, II Floor, Ansal Plaza, Sector1, Vaishali, Ghaziabad-201010 (Delhi NCR) India

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 100%

**ACTE008: Pile Testing System with Frame**

**Cost of the Equipment** ₹7.29Lakh

**Date of Installation** 22.10.2019



Details of Utilization

Research and Project works in the field of Geotechnical Engineering

Supplier Name M/S Sofeel Marketing Technical Services Pvt.Ltd

Supplier Address 48, 1st floor, Warren Road, Mylapore, Chennai

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 40 hrs

**ACTE009: Spectrum Analyzer**

**Cost of the Equipment** ₹15.87Lakh

**Date of Installation** 29.10.2019



Details of Utilization B.E & M.E Project use and R&D Activities

Supplier Name M/s Sinetec Automation Pvt.Ltd

Supplier Address No.19th, 1st floor Chinna Subbanna Layout, Saibaba Colony, Coimbatore-641101

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 100%

**ACTE010: Computer Standalone Tower Servers**

**Cost of the Equipment** ₹17.22Lakh

**Date of Installation** 16.11.2019



Details of Utilization Computer Standalone Tower Servers- NMS software installed and used for campus wide Network purpose , Using as windows application server and Linux application server

Supplier Name M/s Networks New

Supplier Address No.1, Old No.60, 2nd Floor, 6th Street, Krishna Nagar, Virugambakkam, Chennai

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 100%



## ACTE011: Manageable Edge Switches and Power over Ethernet (PoE) Switches to Wi-Fi APs

Cost of the Equipment ₹14.58Lakh

Date of Installation 16.11.2019



Details of Utilization

PoE Manageable Switches switches have been installed and using at various department of ACGCET, Karaikudi

Supplier Name M/s Networks New

Supplier Address No.1, Old No.60, 2nd Floor, 6th Street, Krishna Nagar, Virugambakkam, Chennai

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 100%

## ACTE012: Upgradation of Central Core Switch of Campus Wide Network

Cost of the Equipment ₹22.05Lakh

Date of Installation 16.11.2019



Details of Utilization

Core switch installed at server room - CSE - Department to provide internet connectivity to the ACGCET, Karaikudi

Supplier Name M/s Networks New

Supplier Address No.1, Old No.60, 2nd Floor, 6th Street, Krishna Nagar, Virugambakkam, Chennai

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 100%

**ACTE013: FTIR Spectrometer**

**Cost of the Equipment** ₹15.25Lakh

**Date of Installation** 30.01.2020



**Details of Utilization** Research, consultancy work and PG project related to environmental engineering

**Supplier Name** M/s.Toshvin Analytical pvt.Ltd

**Supplier Address** Poorna 1st floor, 84 R Sampooram avenue, Arcot Road, Vadapalani, Chennai-26

**Mean Time Between Failures (MTBF)** No Breakdowns occurred Till Date

**Utilization Factor (UF)** 100 hrs

**ACTE014: Vibration Comprehensive Experimental Teaching System**

**Cost of the Equipment** ₹8.4Lakh

**Date of Installation** 06.02.2020



**Details of Utilization** scientific research and experimental purpose with software for system acquisition, process and analysis

**Supplier Name** M/s Aimil Ltd, Instrumentation and Technologies

**Supplier Address** Naimex House, A-8, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044

**Mean Time Between Failures (MTBF)** No Breakdowns occurred Till Date

**Utilization Factor (UF)** 30 hrs

**ACTE015: GPU Based Nano Development Kit**

**Cost of the Equipment** ₹5.2Lakh

**Date of Installation** 10.03.2020

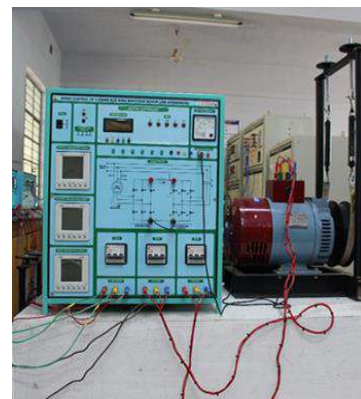


Details of Utilization	1.Research Activities 2. UG& PG students lab
Supplier Name	M/s Smart Bridge Educational Services Pvt.Ltd
Supplier Address	Plot No.132, Bapuji Nagar, Above DCB Bank, 2nd floor, Nacharam main Road, Habsiguda, Hyderabad, Telangana- 500076.
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20 Hrs

**GCEB001: AC and DC drives Lab Equipments for PG**

**Cost of the Equipment** ₹6.726Lakh

**Date of Installation** 07.08.2019



Details of Utilization

Research Activities

Supplier Name

M/S. JSK Lab Instruments

Supplier Address

Plot No. 16B, Tropical Colony, Thangaraji Street, Pallikaranai, Chennai - 600100

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

20%

**GCEB002: Multichannel Electrochemical Workstation.**

**Cost of the Equipment** ₹17.79Lakh

**Date of Installation** 22.08.2019



Details of Utilization

Research Activities

Supplier Name

M/S. Metrohm India Limited

Supplier Address

3&4, Origin Sri Towers, II & IV Floor, Fourts Avenue, Thoraipakkam

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

20%

**GCEB003: Fuel Cell Trainer System**

**Cost of the Equipment** ₹18.76Lakh

**Date of Installation** 05.09.2019

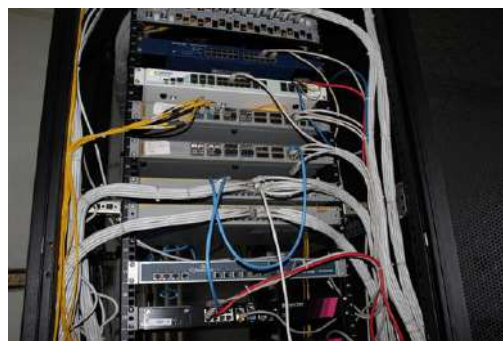


Details of Utilization	Research Activities
Supplier Name	M/S. Pantech Prolabs India Pvt Ltd
Supplier Address	No.8, Natarajan Street, Nookampalayam Road, Chemmencherry, Sholinganallur, Chennai -600119
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20%

**GCEB004: Cloud Computing Lab .Equipment.**

**Cost of the Equipment** ₹72.86Lakh

**Date of Installation** 06.09.2019



Details of Utilization	to improve institute infrastructure and Research Activities
Supplier Name	M/S. Madras Networking Company
Supplier Address	No.4, 2nd Street, Shakthi Vijayalaksmi Nagar, Velachery, Chennai 42.
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

**GCEB005: Double Fed Induction Generator Setup**

**Cost of the Equipment** ₹9.60Lakh

**Date of Installation** 10.09.2019



Details of Utilization

Research Activities

Supplier Name

M/S. JSK Lab Instruments

Supplier Address

No. 106. 1st Floor, Burma Colony, Near Water Tank,  
Perungudi

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

20%

**GCEB006: Multi Purpose Welding Setup**

**Cost of the Equipment** ₹10.47Lakh

**Date of Installation** 16.09.2019



Details of Utilization

Equipment using for 1st year workshop lab and welding  
training for students to prepare Skill India competition

Supplier Name

M/S. VI-TEC ENGINEERING

Supplier Address

Meenakshi Complex, Ram Bazzar Street, (Gowri Theatre Cut),  
Five Road, Salem

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

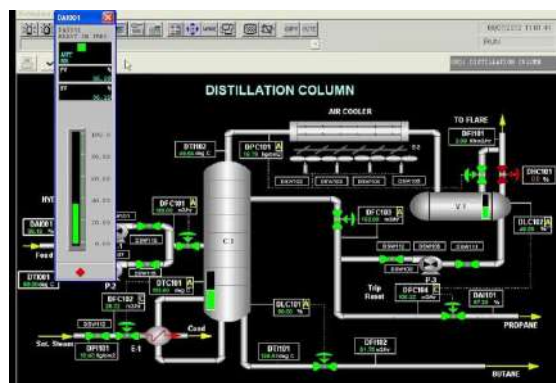
50%



**GCEB007: Power Plant Simulation Software**

Cost of the Equipment ₹3.38Lakh

Date of Installation 13.01.2020



Details of Utilization ug students lab

Supplier Name M/s. Sim Info systems Private Limited.

Supplier Address Kalpatru complex, 44,C.P.Ramasamy Road, Alwarpet, Chennai

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 20%

**GCEB008: Educational collaborative device**

Cost of the Equipment ₹9.44Lakh

Date of Installation 30.01.2020



Details of Utilization to improve institute infrastructure & Class room Teaching

Supplier Name M/S. VERGO India Private Limited

Supplier Address #79, 1st Main, 2nd Stage, Arekere MICO Layout, BG Road, Bangalore - 560 076

Mean Time Between Failures (MTBF) No Breakdowns occurred Till Date

Utilization Factor (UF) 50%

**GCEB009: Vibration measurement trainer module kit**

**Cost of the Equipment** ₹9.58Lakh

**Date of Installation** 20.02.2020



Details of Utilization	UG students lab
Supplier Name	M/S. AIMIL Ltd
Supplier Address	L-19, Dr.VSI Estate, Phase-II , Thiruvanniyur, Chennai-600041.
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20%

**GCEB010: 3D Printing Machine**

**Cost of the Equipment** ₹14.7Lakh

**Date of Installation** 04.03.2020



Details of Utilization	ug students lab, consultancy & research activities
Supplier Name	M/s Shree Rapid Technologies
Supplier Address	Unit C51, 2nd Floor, Raj Industrial Premises, Military Road, Marol, Andheri - East,
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20%



**GCEB011: IOT Lab**

**Cost of the Equipment** ₹8.82Lakh

**Date of Installation** 09.03.2020



Details of Utilization	UG students Lab Kit
Supplier Name	M/s Enthu Technology Solutions India Pvt Ltd
Supplier Address	88&89, SSN Square, Peelamedu Pudur near RTO Office South, Combatore
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	10%

**GCEB012: Pulse Plating Setup**

**Cost of the Equipment** ₹19.89Lakh

**Date of Installation** 10.07.2020



Details of Utilization	ug students lab & research activities
Supplier Name	M/S. SRI KRITHYA ENTERPRISES
Supplier Address	M/S. SRI KRITHYA ENTERPRISES 216-a, Old sub jail road, Newpet, Krishnagiri - Dt.
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	10%

**GCEB013: Gas Turbine Test Rig**

**Cost of the Equipment** ₹20.95Lakh

**Date of Installation** 10.07.2020



Details of Utilization	ug students lab & research activities
Supplier Name	M/s. K.C. Engineers Limited
Supplier Address	M/s. K.C. Engineers Limited 96, HSIIDC INDUSTRIAL ESTATE, AMBALA CANTT - 133 001 HARYANA, INDIA
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20%

**TEC001: RF & Wireless boards/1**

**Cost of the Equipment** ₹13.93Lakh

**Date of Installation** 05.06.2018



Details of Utilization                      System design lab for academic projects

Supplier Name                              M/S TEKIKNOW Technologies P Ltd

Supplier Address                          Chennai 600 017

Mean Time Between Failures (MTBF)    No breakdown so far

Utilization Factor (UF)                      0.7

**TEC002: Complete Steam Laboratory (boiler, turbine & condenser)**

**Cost of the Equipment** ₹11.8Lakh

**Date of Installation** 31.07.2018



Details of Utilization                      For UG practical Lab

Supplier Name                              M/S MECH-LAB Equipments

Supplier Address                          S.F.No. 103/1, School Street Near, Subbanaikenpudur Road,  
Chinnavedampatti, Coimbatore- 641049

Mean Time Between Failures (MTBF)    One Semester per Year

Utilization Factor (UF)                      Even Semester of every Academic Year

**TEC003: Nexus Switch**

**Cost of the Equipment** ₹19.49Lakh

**Date of Installation** 15.11.2017



Details of Utilization	Upgradation in Data Centre
Supplier Name	M/S ANT Solution
Supplier Address	No.23, SBI Colony 2nd St, Next to SBOA School, S.S.Colony, Madurai- 625 016
Mean Time Between Failures (MTBF)	So far No failure has been reported by users
Utilization Factor (UF)	Fully utilized

**TEC004: VLSI Evaluation Kit**

**Cost of the Equipment** ₹5.99Lakh

**Date of Installation** 01.03.2018



Details of Utilization	Will be utilized by U.G ,P.G students for their Lab, academic projects & academic Research
Supplier Name	M/S CoreEL Technologies(I) PLtd
Supplier Address	#21, 7th Main,1 Block,Koramangala,Bangalore - 560 034
Mean Time Between Failures (MTBF)	No breakdown so far
Utilization Factor (UF)	0.4

**TEC005: AI GPU Deep Learning Center**

**Cost of the Equipment** ₹10.58Lakh

**Date of Installation** 30.07.2018



Details of Utilization	TCE - NVidia Collaboration
Supplier Name	M/S Future net Technologies P Ltd
Supplier Address	Chennai 600 095
Mean Time Between Failures (MTBF)	So far No failure has been reported by users
Utilization Factor (UF)	Fully utilized

**TEC006: Signal Processing Emulator Kit**

**Cost of the Equipment** ₹6.03Lakh

**Date of Installation** 27.12.2017

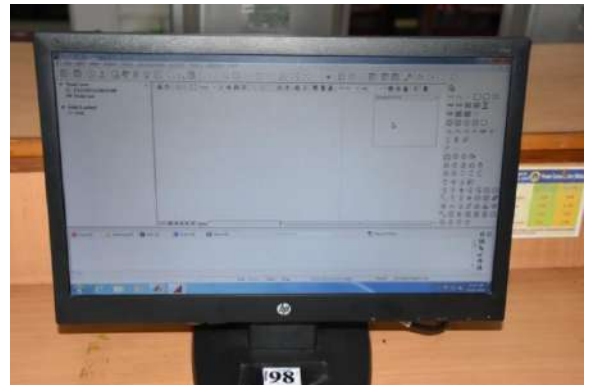


Details of Utilization	System design lab for academic projects
Supplier Name	M/S NI Systems (India) P Ltd
Supplier Address	81/1-82/1, Salarpuria Softzone, Wing B,5th Floor, Bellandur, Varthu Hobli, Bangalore- 560 103
Mean Time Between Failures (MTBF)	No breakdown so far
Utilization Factor (UF)	1

**TEC007: DIgSILENT Power Factory Software**

**Cost of the Equipment** ₹8.85Lakh

**Date of Installation** 05.06.2018



**Details of Utilization** To set up a green energy laboratory comprises of Solar, Wind and Hybrid energy systems

**Supplier Name** M/S. DELLSOFT Technologies Pvt. Ltd

**Supplier Address** WZ-29, First Floor, Uggarsain Market, Ashok Nagar, New Delhi - 110018

**Mean Time Between Failures (MTBF)**

**Utilization Factor (UF)** 0.7

**TEC008: Solar PV and Wind Hybrid System with DC Micro Grid**

**Cost of the Equipment** ₹16.52Lakh

**Date of Installation** 18.09.2018



**Details of Utilization** To establish green energy laboratory which focuses on academic and research in integration of non-renewable energy

**Supplier Name** M/S Ecosense Sustainable Solutions P Ltd

**Supplier Address** F-34/8 Okhla phase-2, New Delhi 110 020

**Mean Time Between Failures (MTBF)**

**Utilization Factor (UF)** 0.6

**TEC009: Linear Motion control system**

**Cost of the Equipment** ₹6.07Lakh

**Date of Installation** 07.06.2018



Details of Utilization To provide hands on experience in system Integration of Mechatronic systems

Supplier Name M/S NI Systems (India) P Ltd

Supplier Address 81/1-82/1, Salarpuria Softzone, Wing B,5th Floor, Bellandur, Varthu Hobli, Bangalore- 560 103

Mean Time Between Failures (MTBF) NIL

Utilization Factor (UF) 0.7

**TEC010: CNC Turning Simulator and Software**

**Cost of the Equipment** ₹6.46Lakh

**Date of Installation** 07.06.2018



Details of Utilization To train the students on CNC simulator

Supplier Name M/S RUDRA Automation

Supplier Address 43F, FCI Road, Bharathi Nagar, Ganapathy, Coimbatore -641 006

Mean Time Between Failures (MTBF) NIL

Utilization Factor (UF) 0.6



**TEC011: Proportional hydraulics and drive**

**Cost of the Equipment** ₹6.44Lakh

**Date of Installation** 07.06.2018



Details of Utilization To upgrade Fluid power automation lab

Supplier Name M/S Bosch Rexroth( India) P Ltd

Supplier Address 31,Sy.No.37/1 Andrahalli Bengaluru 560 091

Mean Time Between Failures (MTBF) NIL

Utilization Factor (UF) 0.7

**TEC012: IOT based mechatronics system**

**Cost of the Equipment** ₹13.10Lakh

**Date of Installation** 12.03.2018



Details of Utilization To upgrade Drives and control lab facility

Supplier Name M/S United Industrial Automation P Ltd

Supplier Address Kumaran Towers, 58-B, T.P.K.Main Road, Palanganatham,  
Madurai- 625 003

Mean Time Between Failures (MTBF) NIL

Utilization Factor (UF) 0.7

**TEC013: Forensic Hardware and Software Tool Kit**

**Cost of the Equipment ₹19.99Lakh**

**Date of Installation 29.12.2017**



Details of Utilization	Establishment of Forensic Science Laboratory for the benefits of UG & PG Students, Researchers and Faculty
Supplier Name	M/S Foundation Futuristic Technologies P Ltd
Supplier Address	B-7B, Devika Tower, 6, Nehru Place, New Delhi- 110 019
Mean Time Between Failures (MTBF)	0 Hrs
Utilization Factor (UF)	0.5

**TEC014: MTL Nano materials testing**

**Cost of the Equipment ₹27.49Lakh**

**Date of Installation 05.06.2018**



Details of Utilization	Will be of highly for Structural Engineering students and Research Scholars
Supplier Name	M/S Bangalore Integrated System Solutions P Ltd
Supplier Address	497E, 14th Cross, 4th Phase, Peenya Industrial Area, Bangalore 560 058
Mean Time Between Failures (MTBF)	30 min to 1 hour 30 min.(approximately)
Utilization Factor (UF)	0.75

**TEC015: Water Modeling Software Package**

**Cost of the Equipment** ₹14.50Lakh

**Date of Installation** 17-01-2018



Details of Utilization for enhancing the modeling skills of Environmental Engineering students to carry out Research activities

Supplier Name M/S DHI (India) Water & Environment P Ltd

Supplier Address 206, Ground Floor, Okhla Industrial Estate, Phase-III, New Delhi- 110 020.

Mean Time Between Failures (MTBF) Used for ME and Ph.D thesis. Not used since March 2020 due to lockdown

Utilization Factor (UF)

**TEC016: Metrology Lab**

**Cost of the Equipment** ₹12.74Lakh

**Date of Installation** 17.01.2018



Details of Utilization Up gradation of CAD/CAM lab Exercise for UG / PG mechanical streams

Supplier Name M/S Mitutoyo South Asia P Ltd

Supplier Address C-122, Okhla Industrial Area, Phase-1, New Delhi -110 020

Mean Time Between Failures (MTBF) 0

Utilization Factor (UF) 0.4

**TEC017: RF & Wireless boards/2**

**Cost of the Equipment** ₹9.80Lakh

**Date of Installation** 21.03.2018



Details of Utilization	System design lab for academic projects
Supplier Name	M/S Thiagarajar Telekom Solutions Ltd
Supplier Address	Thiagarajar Mill Premises, Kappalur, Madurai 625 008
Mean Time Between Failures (MTBF)	(No breakdown so far)
Utilization Factor (UF)	0.5

**TEC018: IoT Lab Components**

**Cost of the Equipment** ₹5.42Lakh

**Date of Installation** 05.06.2018



Details of Utilization	Will be utilized by various Departments for UG & PG students for Projects & Skill Development
Supplier Name	M/S SILVERLINE ELECTRONIC
Supplier Address	No.139/5, V.T.Complex, S.P.Road,, Dodpete, Nagarathpete,, Bengaluru, Karnataka, 560002
Mean Time Between Failures (MTBF)	0 Hrs
Utilization Factor (UF)	15-20 Hrs in a week

**TEC019: Solar Energy Experiment System**

**Cost of the Equipment** ₹20.30Lakh

**Date of Installation** 13.04.2019



Details of Utilization To set up green energy laboratory for

Supplier Name M/S kWatt Solutions P Ltd

Supplier Address 151,Powai Plaza, Hiranandani Gardens, Powai, Mumbai,  
Maharashtra 400 076

Mean Time Between Failures (MTBF)

Utilization Factor (UF) 85%

**TEC020: CST Microwave**

**Cost of the Equipment** ₹12.78Lakh

**Date of Installation** 13.04.2020



Details of Utilization usage in RF Systems Lab

Supplier Name Dassault Systems India P Ltd

Supplier Address 7th Floor, Commercial Block, 23, Airport Road, Bengaluru 560  
008

Mean Time Between Failures (MTBF) NA (No breakdown so far)

Utilization Factor (UF) 0.7

### TEC021: Light Runner (Touch screen based ) with basic fiber optic experiments +EDFA+WDM

Cost of the Equipment ₹8.67Lakh

Date of Installation 31.07.2019



Details of Utilization To support the students in their theory and laboratory courses like

Supplier Name M/S Supreme Scientific Corporation

Supplier Address SPV Building, Koodal Alagar Perumal Koil Entrance, Madurai 01

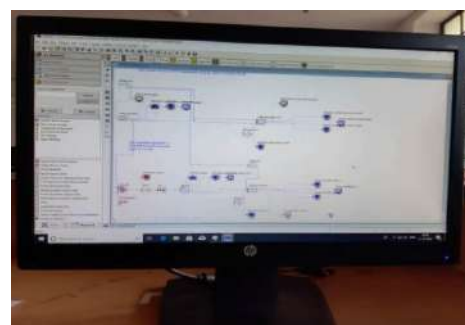
Mean Time Between Failures (MTBF) NA (No breakdown so far)

Utilization Factor (UF) 0.5

### TEC022: R soft Optsim an optical communication system design and simulation software

Cost of the Equipment ₹9.97Lakh

Date of Installation 31.07.2019



Details of Utilization To support the students in their theory and laboratory courses like

Supplier Name M/S Fiber Optic Services

Supplier Address 428, Prestige Industrial Estate, Bawadi Lane, Orlem, Marve Road, Mumbai 400 064.

Mean Time Between Failures (MTBF) NA (No breakdown so far)

Utilization Factor (UF) 0.5

**TEC023: 3D Printer**

**Cost of the Equipment** ₹6.91Lakh

**Date of Installation** 26.12.2019



Details of Utilization	Hands on experience for carrying out Projects /Mini projects
Supplier Name	M/S CAE Centre
Supplier Address	No.17B/8B Grace Garden 5th Lane,Royapuram, Chennai 600 013.
Mean Time Between Failures (MTBF)	0UF- 0.1 ( Not utilized fully because of COVID)
Utilization Factor (UF)	

**TEC024: PCB Prototype Fabrication Machine**

**Cost of the Equipment** ₹10.9Lakh

**Date of Installation** 20.01.2020



Details of Utilization	To fabricate and prototype the Printed Circuit Boards
Supplier Name	M/S Bergen Electronics Ltd
Supplier Address	UGF,B103,Plot no.25,A Harton Technology Park, Electronic City, Sctor18, Gurgaon 122 015, Haryana
Mean Time Between Failures (MTBF)	NA (No breakdown so far)
Utilization Factor (UF)	0.5



**TEC025: Gas Chromatography**

**Cost of the Equipment** ₹10.58Lakh

**Date of Installation** 11-03-2020



Details of Utilization	R&D
Supplier Name	M/S Sairam Scientific
Supplier Address	256-J/10,Sofia Complex, Sunnambu Kalavasal, Bye-pass Road, Madurai- 625 016
Mean Time Between Failures (MTBF)	Just purchased before Covid 19 lockdown. Hence not used in research works
Utilization Factor (UF)	0.0

**PSG001: ROBO Hydraulic Trainer**

**Cost of the Equipment** ₹7.31Lakh

**Date of Installation** 15.03.2018



Details of Utilization Lab / R&D activities

Supplier Name M/s.Hydromith

Supplier Address 19A, Kasthuribai Street, Ganapathy, Coimbatore-641006.

Mean Time Between Failures (MTBF) NA ( No Breakdown so far)

Utilization Factor (UF) 0.95

**PSG002: BIOTECH Liquid Chromatography System**

**Cost of the Equipment** ₹17.99Lakh

**Date of Installation** 20.03.2018



Details of Utilization Lab / R&D activities

Supplier Name M/s. BIO-RAD Laboratories(India) Private Ltd

Supplier Address Door No:116,Portion 1, Devaneri Village Road, Sholavaram Village, Chennai-600067

Mean Time Between Failures (MTBF) NA ( No Breakdown so far)

Utilization Factor (UF) 0.9

**PSG003: PROD Climatic Chamber**

**Cost of the Equipment** ₹8.37Lakh

**Date of Installation** 20.03.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s.Ultra Thermo Scientific
Supplier Address	New No:19,Old No:3A,Manimegalai Street,East Tambaram, Chennai-600059
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.95

**PSG004: CIVIL Testing Lab**

**Cost of the Equipment** ₹12.37Lakh

**Date of Installation** 22.03.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Concord Instruments Pvt.Ltd,
Supplier Address	23/11, F4 Maanasarovar, Perumal Koil Street, Arumbakkam, Chennai-600106
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9

**PSG005: META Micro-Tensile Tester**

**Cost of the Equipment** ₹5.23Lakh

**Date of Installation** 05.04.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Nano Tec
Supplier Address	No. 302, 04th Main Road, Burma Colony, Perungudi Industrial Estate, Perungudi, Chennai - 600096
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9

**PSG006: DAQ System**

**Cost of the Equipment** ₹29.72Lakh

**Date of Installation** 06.04.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Innovative Invaders Technologies
Supplier Address	B-5,2nd Floor,TST Complex,742,Avinashi Road, Coimbatore-641018
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.8

**PSG007: ECE Advanced Image Processing System**

**Cost of the Equipment** ₹18.41Lakh

**Date of Installation** 09.04.2018



Details of Utilization

Lab / R&D activities

Supplier Name

M/s. I.Square Systems

Supplier Address

37,3rd Floor,Aiswaria Complex,196, T.V.Swamy Road(West),  
R.S.Puram, Coimbatore-641002

Mean Time Between Failures (MTBF)

NA ( No Breakdown so far)

Utilization Factor (UF)

0.9

**PSG008: AUTO Eddy Current System**

**Cost of the Equipment** ₹37.12Lakh

**Date of Installation** 16.05.2018



Details of Utilization

Lab / R&D activities

Supplier Name

M/s.IASYS Technology Solutions Pvt Ltd

Supplier Address

Ltd,S:No:81/4A H.No:957,Dangat Patil Estate,NDA Road,  
Shivane, Pune-411023

Mean Time Between Failures (MTBF)

NA ( No Breakdown so far)

Utilization Factor (UF)

0.9

**PSG009: MECH NC Hydraulic Press Brake**

**Cost of the Equipment** ₹12.27Lakh

**Date of Installation** 24.05.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Prompt Machine Tools
Supplier Address	Co,No:253,1st Floor,Dr.Nanjappa Road,Coimbatore-641018
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9

**PSG010: EEE Power Engineering Lab**

**Cost of the Equipment** ₹15.91Lakh

**Date of Installation** 08.06.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Devi Electronics
Supplier Address	#1/2/29/3,Falt:GA,hide Away Apartments,Street No:4,Kakateeya Nagar,Habisguda,Hyderabad-500007
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.65

**PSG011: META Particle Size Analyser**

**Cost of the Equipment** ₹11.50Lakh

**Date of Installation** 19.06.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Dynamic Technology Systems,
Supplier Address	204 B Wing, Kamanwala Chambers, New Udyog Mandir-2, Mogul Lane, Mahim West-400016, Maharashtra
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9

**PSG012: Wifi Systems**

**Cost of the Equipment** ₹28.13Lakh

**Date of Installation** 22.06.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Networks
Supplier Address	2nd Floor, New No:1, Old No:60, 6th Street, Krishna Nagar, Virugambakkam, Chennai-600092
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9



**PSG013: ROBO Motor Test Bench**

**Cost of the Equipment** ₹7.25Lakh

**Date of Installation** 03.09.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s.BIO-RAD Laboratories(India), Private, Limited,
Supplier Address	Door No:116,Portion 1,Devaneri Village Road,Sholavaram Village,Chennai-600067
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.9

**PSG014: TEXT Compression Molding Machine**

**Cost of the Equipment** ₹13.21Lakh

**Date of Installation** 17.09.2018



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Santec Exim Pvt Ltd
Supplier Address	No:193,Sector-8,IMT Manesar,Gurgaon,Haryana
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.65

**PSG015: Environmental Analysis and Solutions Lab****Cost of the Equipment ₹7.24Lakh****Date of Installation 12.02.2019**

Details of Utilization	Lab / R&D activities
Supplier Name	M/s.The Precision Scientific Co(CBE),
Supplier Address	503,Veera Boyar Colony, Dr.Nanjappa Road, Coimbatore-641018.
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.95

**PSG016: ESD Testing Table with Chair****Cost of the Equipment ₹10.83Lakh****Date of Installation 18.02.2019**

Details of Utilization	Lab / R&D activities
Supplier Name	M/s. I.Square Systems,
Supplier Address	37,3rd Floor,Aiswaria Complex,196,T.V. Swamy Road(West), R.S.Puram, Coimbatore-641002
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.7

**PSG017: Startup Cell**

**Cost of the Equipment** ₹6.71Lakh

**Date of Installation** 19.03.2019



Details of Utilization

Lab / R&D activities

Supplier Name

M/s.U.Kanfurn

Supplier Address

14,Trichy Road,Opp.Stock Exchange, Ramanathapuram,  
Coimbatore-5

Mean Time Between Failures (MTBF)

NA ( No Breakdown so far)

Utilization Factor (UF)

0.95

**PSG018: Server & Workstation**

**Cost of the Equipment** ₹19.90Lakh

**Date of Installation** 25.07.2019



Details of Utilization

Lab / R&D activities

Supplier Name

M/s.Acenet Technologies India Pvt Ltd

Supplier Address

Ltd,1084/4 Trichy Road, Sungam, Coimbatore-641008

Mean Time Between Failures (MTBF)

NA ( No Breakdown so far)

Utilization Factor (UF)

0.6

**PSG019: Physics Apparatus**

**Cost of the Equipment** ₹12.59Lakh

**Date of Installation** 14.08.2019



Details of Utilization	Lab / R&D activities
Supplier Name	M/s. Holmarc Opto-Mechatronics Pvt Ltd,
Supplier Address	HMT Industrial Estate, HMT Colony(PO), Kalmassery, Kochi,Kerala
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.65

**PSG020: Biofeedback System**

**Cost of the Equipment** ₹10.08Lakh

**Date of Installation** 28.09.2019



Details of Utilization	R&D activities
Supplier Name	M/s. Gunjan Human Karigar Pvt Ltd.
Supplier Address	B-1  03,Hindon,25 Vasundhra Enclave,New Delhi-110096
Mean Time Between Failures (MTBF)	NA ( No Breakdown so far)
Utilization Factor (UF)	0.6

**PSG021: EEE Microprocessor and DSP Lab**

**Cost of the Equipment** ₹7.75Lakh

**Date of Installation** 12.10.2019



Details of Utilization

Lab / R&D activities

Supplier Name

M/s.Truckline Automotive

Supplier Address

2/2KA,Mariamman Koil Street,Machampalayam, Sundarapuram,  
Coimbatore-641024

Mean Time Between Failures (MTBF)

NA ( No Breakdown so far)

Utilization Factor (UF)

0.75

**PSG022: Solid Waste Management**

**Cost of the Equipment** ₹13.75Lakh

**Date of Installation** 10.01.2020



Details of Utilization

Lab / R&D activities

Supplier Name

M/s.Jothiees Engineering Industrie

Supplier Address

Industries,Old No:5/366,New No:2/1057 Muthuselvam  
Nagar,Valparai Road,Rangasamudram,Pollachi-642006

Mean Time Between Failures (MTBF)

Just procured before COVID 19 Lockdown. Hence not used in  
Research

Utilization Factor (UF)

## PSG023: CNC

Cost of the Equipment ₹29.85Lakh

Date of Installation 23.03.2020



Details of Utilization

Lab / R&D activities

Supplier Name

M/s. Jyoti CNC Automation Ltd,

Supplier Address

G-506,Lodhika GIPC, Vill:Motoda, Dist:Rajkot-360021, Gujarat

Mean Time Between Failures (MTBF)

Just procured before COVID 19 lockdown. Hence not used in research

Utilization Factor (UF)

**CIT001: Electrospinning Machine**

**Cost of the Equipment** ₹12.15Lakh

**Date of Installation** 17.07.2018



Details of Utilization Research & PG Laboratory

Supplier Name M/s. PLASTO MEK

Supplier Address Kuruvangad, Quilandy Kerala 673306

Mean Time Between Failures (MTBF) No breakdown so far

Utilization Factor (UF) 0.75

**CIT002: 5G : Signal Analyzer & Vector Signal Generator**

**Cost of the Equipment** ₹122.35Lakh

**Date of Installation** 11.02.2019



Details of Utilization Research, Consultancy and PG Laboratory

Supplier Name M/s. Rohde & Schwarz India Private Limited

Supplier Address Tower D, 1st Floor, RMZ Infinity, Bengaluru, Karnataka 560016

Mean Time Between Failures (MTBF) No breakdown so far

Utilization Factor (UF) Equipment is utilized for channel modeling and antenna testing



**CIT003: CNC machine for machining using Abrasive water jet**

**Cost of the Equipment ₹48.38Lakh**

**Date of Installation 15.02.2019**



Details of Utilization	Research, Consultancy and UG , PG Lab
Supplier Name	M/s. A Innovative International Ltd
Supplier Address	Sarkhej Bavala Highway, Ahmedabad, Gujarat 380009
Mean Time Between Failures (MTBF)	75 Hr
Utilization Factor (UF)	0.6

**CIT004: IoT Indoor/Outdoor Gas Monitoring**

**Cost of the Equipment ₹10.62Lakh**

**Date of Installation 21.02.2019**



Details of Utilization	UG,PG & Research
Supplier Name	M/s.Easy design systems
Supplier Address	88,Mahesswari Nagar, 4th Cross, Vilankurichi Road, Peelamedu Coimbatore-641004
Mean Time Between Failures (MTBF)	No breakdown so far
Utilization Factor (UF)	75%

**CIT005: Automation Laboratory**

**Cost of the Equipment** ₹53.36Lakh

**Date of Installation** 22.04.2019



Details of Utilization Research, Consultancy and UG , PG Lab

Supplier Name M/s. Vi Microsystems Private Limited

Supplier Address No:75 ,Electronics Estate, Perungudi, Chennai-600096.

Mean Time Between Failures (MTBF) 0.1

Utilization Factor (UF) 0.4

**CIT006: IoT Experimental Test Bed**

**Cost of the Equipment** ₹12.64Lakh

**Date of Installation** 07.07.2019



Details of Utilization UG,PG & Research

Supplier Name M/s.Easy design systems

Supplier Address 88,Mahesswari Nagar, 4th Cross, Vilankurichi Road, Peelamedu  
Coimbatore-641004

Mean Time Between Failures (MTBF) No breakdown so far

**Directorate of Technical Education, Guindy,  
Chennai-600 025.**