



TEQIP-3
Technical Education Quality Improvement Programme



“EQUIPMENT HANDBOOK”

(GOODS PROCURED UNDER TEQIP-III FUND)

Volume - I



Government College of Engineering, Bargur,
(An Autonomous Institution Affiliated to Anna University)

NH 46, Chennai Bangalore Highway, Bargur, Krishnagiri - 635104

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Volume - I

Compiled by
Government College of Engineering, Bargur

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.

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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1.	Dr.PThirumal,	TEQIP-III Coordinator	ptml76@gmail.com	9443455580
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3.	Mr.S.Tamil Prabakaran	TEQIP-III Procurement officer	stp@gcebargur.ac.in	7708668959

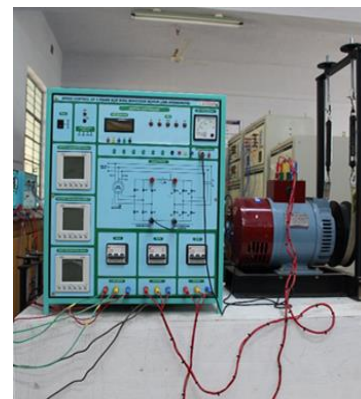
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GCEB001: AC and DC drives Lab Equipments for PG

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

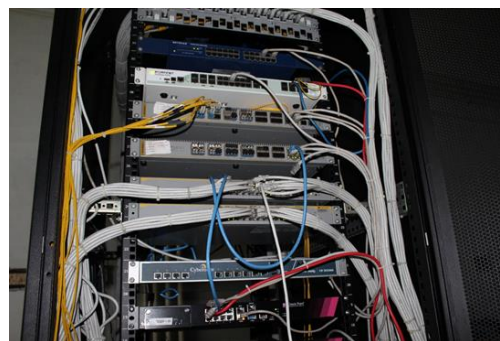
Utilization Factor (UF)

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: 10 KVA solar power plant - 5 Nos.

Cost of the Equipment ₹23.62Lakh

Date of Installation 08.09.2019



Details of Utilization	institute purpose.To reduce power tariff
Supplier Name	M/S. JP Solar
Supplier Address	461-1A, Sirunkundram Road, Sirunkundram Village, Kanchipuram District
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

GCEB006: 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. Ist Floor, Burma Colony, Near Water Tank, Perungudi
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	20%

GCEB007: 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 Bazaar Street, (Gowri Theatre Cut), Five Road, Salem
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	50%

GCEB008: Ultra HD 4K Projector

Cost of the Equipment ₹8.11Lakh

Date of Installation 21.11.2019



Details of Utilization	to improve institute infrastructure
Supplier Name	M/S. Microtech Computers
Supplier Address	217,Old SubJail Road,Newpet, Krishnagiri
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	50%

GCEB009: 10 KVA UPS

Cost of the Equipment ₹8.02Lakh

Date of Installation 08.01.2020

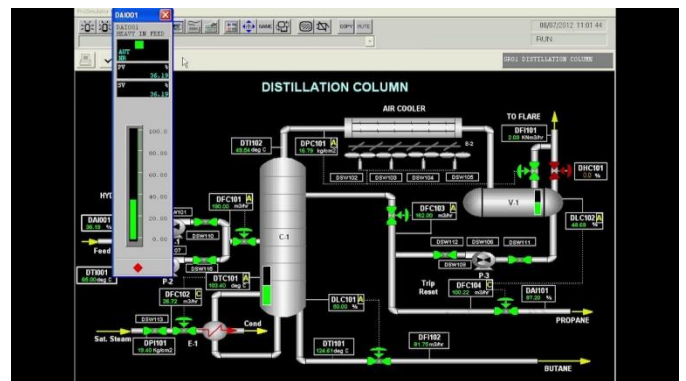


Details of Utilization	to improve institute infrastructure
Supplier Name	M/S. Akgim Power Systems
Supplier Address	2/18-7D Ground Floor, Adwaittha Ashramam Road, Saraswati Street, Salem - 636 004
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

GCEB010: 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%

GCEB011: 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%

GCEB012: 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 , Thiruvanmiyur, Chennai-600041.

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

Utilization Factor (UF) 20%

GCEB013: 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%

GCEB014: 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 Enthru 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%

GCEB015: Central RO System

Cost of the Equipment ₹7.61Lakh

Date of Installation 12.03.2020

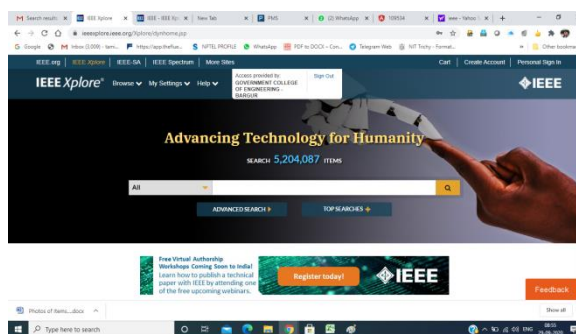


Details of Utilization	to improve institute infrastructure
Supplier Name	M/S. RO Deals Enterprises
Supplier Address	#241/1, Lakshmi Building, First floor HBR Layout,4th Block Opp. Bhima jewellers Bengaluru 560043
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

GCEB016: E journals (IEEE)

Cost of the Equipment ₹5.44Lakh

Date of Installation 28.03.2020



Details of Utilization	E resource to Students project & research activities
Supplier Name	M/s. EBSCO Information Services India Private Limited
Supplier Address	301 & 303, Ansal Chamber-II, 6, Bhikaji Cama Place
Mean Time Between Failures (MTBF)	No Breakdowns occurred Till Date
Utilization Factor (UF)	100%

GCEB017: 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%

GCEB018: 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%

GCEB018: Intractive Pad – Virtual Teaching

Cost of the Equipment ₹17.85Lakh

Date of Installation 29.10.2020



Details of Utilization

Faculty members are utilising for virtual class teaching with integration of LMS

Supplier Name

M/s. Sharptech AV Designs

Supplier Address

Delhi

Mean Time Between Failures (MTBF)

No Breakdowns occurred Till Date

Utilization Factor (UF)

100%

GCE, Bargur, 635104

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