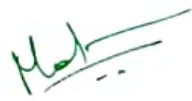




**K. S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE - 560109**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**SESSION 2021-2022**  
**STOCK VERIFICATION**

Laboratory Name with code	Lab Incharge	Name of Internal Verifier	Signature	Name of External Verifier	Signature
Microcontroller Laboratory (18EEL57)	Mrs. Hemapriya M	Mrs. Tejaswini G V		Mrs. Swarna S	
Power electronics Laboratory (18EEL58)	Dr. Arun Kumar M	Mrs. Hemapriya M		Mrs. Swarna S	
Control System Laboratory (18EEL66)	Mrs. Hemapriya M	Mrs. Tejaswini G V		Mrs. Pavitra J	
Digital Signal Processing Laboratory (18EEL67) / Power System Simulation Laboratory (18EEL76) / CAED	Mrs. Manjula B.G.	Dr. Arun Kumar M		Mrs. Pavitra J	
Relay and HV Laboratory (18EEL77)	Mrs. Tejaswini G V	Mrs. Manjula B.G.		Mrs. Pavitra J	

  
Signature of HOD

Associate Professor  
Head of the Department  
Department of Electrical & Electronics Engineering  
K S School of Engineering and Management  
Bangalore-560 109



**KSSEM**

Kammavari Sangham (R)

# K S SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU - 109

## Stock Verification Report

Department Electrical and Electronics Engineering

Laboratory Power Electronics Laboratory

Date 23 / 09 / 2022

Sl.No.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantity in stock	Supplied by	Present condition of the Equipment/ Tool/ Instrument/comodity (Working/under repair/Maintenance required/ scrap)	Remarks
1	SCR characteristics study unit		3	Pragna Electronics	1 working, 2 maintenance required.	
2	MOSFET - IGBT characteristics study unit		3	Pragna Electronics	1 working, 2 maintenance required.	
3	UJT Firing unit		3	Pragna Electronics	2 working <del>to</del>	Module 01 transformer must be replaced.
4	Forced Communication study unit		3	Pragna Electronics	working.	
5	Stepper motor controller (with stepper motor)		3	Pragna Electronics	working	
6	Digital Firing circuit		3	Pragna Electronics	working	
7	Single phase converter firing unit		2	Pragna Electronics	working	

Sl.No.	Equipment / Tool / Instrument / commodity	Stock Book Page No	Quantity in stock	Supplied by	Present condition of the Equipment / Tool / Instrument / commodity (Working / under repair / Maintenance required / scrap)	Remarks
8	Single phase converter power circuit		2	Pragna Electronics	working	
9	A.C Voltage controller using Triac-DIAC		2	Pragna Electronics	working maintenance required	
10	Universal Motor control unit with universal AC-DC motor		2	Pragna Electronics	working.	
11	D.C Motor Speed control unit (using MOSFET, IGBT & Chopper) with DC motors		2	Pragna Electronics	1 working, 1 maintenance required	IGBT / MOSFET to be replaced.
12	DC Motor /Control unit 0.5 hp/220v (semi converter) with DC motor		2	Pragna Electronics	working	
13	Single Phase PWM Inverter-IGBT/MOSFET		2	Pragna Electronics	working	
14	Light Dimmer circuit using Diac&Triac		1	Pragna Electronics	working	
15	Single Phase converter Firing circuit (Microcontroller based)		1	Pragna Electronics	working	
16	Regulated DC Linear Power Supply 30v/3A		2	Pragna Electronics	working	
17	5 Amps Transformer 0-230 V with 2 pin power cord		5	Pragna Electronics	working.	

Sl.No.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantity in stock	Supplied by	Present condition of the Equipment/ Tool/ Instrument/comodity (Working/under repair/Maintenance required/ scrap)	Remarks
18	5 Amps Line Choke		2	Pragna Electronics	working	
19	2 Amps Line Choke		2	Pragna Electronics	working	
20	150 $\Omega$ 5Amps Rheostat		2	Pragna Electronics	working	
21	Power Resistor 75.50W 470 $\Omega$ 25W, 220 $\Omega$ 25W		22	Pragna Electronics	working	
22	Digital Tachometer Non-Contact type		1	Pragna Electronics	working	
23	Digital Tachometer Contact type		1	Pragna Electronics	working	
24	Power cord 3 pin		25	Pragna Electronics	good	
25	Digital storage oscilloscope		3	Pragna Electronics	working	One DSO has one probe only.
26	100 $\Omega$ 2Amps Rheostat		3	Pragna Electronics	.	Winding is damaged.
27	AC/DC ammeter 0-2000 mA		5	Pragna Electronics	good	
28	AC/DC ammeter 0-500 mA		3	Pragna Electronics	good	
29	Multimeter		10	Pragna Electronics	good	
30	Single pin patch cords		83	Pragna Electronics	good .	

Name of the verifier	Hernapiya M	Dr. S. Swarna - S	
Signature	<i>[Signature]</i>	<i>[Signature]</i>	
Designation	Assistant Professor	Assistant Prof.	
Department	EEE	Chemistry (BS)	

*[Signature]*  
Signature of the Lab Incharge

*[Signature]*  
Signature of HOD

*[Signature]*  
Signature of the Principal  
Dr. K. RAMA NARASIMHA  
Principal/Director

K S School of Engineering and Management  
Bengaluru - 560 109



Kammavari Sangham (R)  
**K S SCHOOL OF ENGINEERING AND MANAGEMENT**  
BENGALURU - 109  
**Stock Verification Report**

Department Electrical & Electronics Engineering  
Laboratory Digital Signal Processing/Power System Simulation Lab/CAED

Date 8/9/2022

SL.N o.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantity in stock	Supplied by	Date of Procurement	Invoice No	Price / Unit	Total Cost	Present condition of the Equipment/ Tool/ Instrument/comodity (Working/under repair/Maintenance required/ scrap)	Remarks
1	Lenovo Think Centred desktops with keyboard, CPU and mouse	185 of CSE Department Stock Register	9	Lenovo Think Centre	2/8/2012	BGL-345/PSGF/2013-14	32,150	28,935	working	
2	Mi Power		5	Power Resesarch Development Consultancy, Bangalore	31/07/2013	20156	58,000	2,90,000	Licensed version installed in 5 systems is intact and not upgraded	

Internal Verifier

External Verifier

Name of the verifier	Mrs. Manjula BG	Mrs. Pavitra J
Signature		
Designation	Associate Professor	Assistant Professor
Department	Electrical & Electronics Engineering	Basic Science (Physics)

Signature of the Lab Incharge

Signature of the HOD

Signature of the Principal

Associate Professor  
Head of the Department  
Department of Electrical & Electronics Engineering  
K S School of Engineering and Management  
Bengaluru 560 109

Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109





## HIGH VOLTAGE LABORATORY EQUIPMENTS

SL.N o.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantity In stock	Supplied by	Date of Procurement	Total Cost	Present condition of the Equipment/ Tool/ Instrument/comodity	Remarks
1	High voltage transformer-TEO100/10	15	1	WS Test Systems Pvt. Ltd., Bangalore	23/6/2015	13,10,194	working condition	
2	Control desk- SRP /5 TRE	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
3	Capacitor measuring -CM 100PF	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
4	Connecting rod-V	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
5		15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
6	Earthing rod-Est	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
7	Connecting cup-K	15	4	WS Test Systems Pvt. Ltd., Bangalore			working condition	
8	Floor pedestal-FS	15	4	WS Test Systems Pvt. Ltd., Bangalore			working condition	
9	Rectifier-GS 140kV	15	2	WS Test Systems Pvt. Ltd., Bangalore			working condition	
10	Capacitors-CS(25,000PF)	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
11	Measuring resistor -RM (280)	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
12	Electrode -EL 1	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
13	Insulating rod-IS	15	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
14	Spacer tube -D	16	2	WS Test Systems Pvt. Ltd., Bangalore			working condition	
15	Voltmeter DC DGM	16	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
16	Earthing switch-ES	16	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
17	Measuring sphere gap-MF 100	16	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	
18	Oil testing cup-OP	16	1	WS Test Systems Pvt. Ltd., Bangalore			working condition	

Name of the verifier	TEJASWINI P. V	MANJULAKH	PAVITHRA . J		
Signature					
Designation	Asst. Professor	Assoc. Prof	Assistant Professor		
Department	EEE	EEE	Basic Science (Physics)		

Signature of the Incharge

Signature of the HOD

Signature of the Principal

Associate Professor  
Head of the Department  
Department of Electrical & Electronics Engineering  
K S School of Engineering and Management  
Bengaluru-560 109

Dr. K. RAMA NARASIMHA  
Principal/Director  
K S School of Engineering and Management  
Bengaluru - 560 109



# Kammavari Sangham (R) K S SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU - 109

## Stock Verification Report

Department Electrical and Electronics Engineering

Date 12-9-2022

Laboratory Microcontroller Laboratory

Sl.No.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantly in stock	Supplied by	Date of Procurement	Invoice No	Price / Unit	Total Cost	Present condition of the Equipment/ Tool/ Instrument/comodity (Working/under repair/Maintenance required/ scrap)	Remarks
1	ALS_EMB_EVAL_04FLASH 89CS1ED2 EVALUATION BOARD WITH ON BOARD INTERFACE	1	12	Advanced Electronic Systems	1/3/2016	579	10,090	1,21,084	working	
2	Power Supply 5V,1.5A, +/-12V	1	12	Advanced Electronic Systems	1/3/2016	579			working	
3	Stepper Motor	1	12	Advanced Electronic Systems	1/3/2016	579			working	
4	DC Motor	1	12	Advanced Electronic Systems	1/3/2016	579			working	
5	B-type Cable	1	12	Advanced Electronic Systems	1/3/2016	579			working	
6	2 Way Relimate (one side)	1	12	Advanced Electronic Systems	1/3/2016	579			working	
7	2 Way Relimate (both side)	1	12	Advanced Electronic Systems	1/3/2016	579			working	
8	10 Core 10inch FRC cable	1	48	Advanced Electronic Systems	1/3/2016	579			working	
9	RS232 Communication Cable	2	12	Advanced Electronic Systems	1/3/2016	579			1-cable not working 11-cable working	

Name of the verifier	Tejaswini G.V.	Dr. Sharna S
Signature		
Designation	Assistant Professor	Assistant Professor
Department	EEE	Chemistry [Bs]

Signature of the Lab Incharge

Signature of the HOD

Head of the Department

Department of Electrical & Electronics Engineering  
K S School of Engineering and Management  
Bengaluru-560 109

Dr. K. RAMA NARASIMHA

Principal/Director

K S School of Engineering and Management  
Bengaluru - 560 109





**KSSEM**

Kammavari Sangham (R)

# K S SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU - 109

## Stock Verification Report

Department Electrical and Electronics Engineering  
Laboratory Control System Laboratory

Date 12-9-2022

Sl.No.	Equipment/ Tool/ Instrument/comodity	Stock Book Page No	Quantity in stock	Supplied by	Date of Procurement	Invoice No	Price / Unit	Total Cost	Present condition of the Equipment/ Tool/	Remarks
1	PID Controller	5	3	Life Electronics	21-5-2013	6	6500	15405	working	
2	Second Order System	6	3	Life Electronics	21-5-2013	6	6900	16353	working	
3	AC Servo motor module	5	3	Life Electronics	21-5-2013	6	18600	44082	working	
4	AC Servo motor load	5	3	Life Electronics	21-5-2013	6			working	
5	DC Servo motor Module	5	3	Life Electronics	21-5-2013	6	19200	45504	working	
6	DC Servo motor load	5	3	Life Electronics	21-5-2013	6			working	
7	Compensating Module	5	3	Life Electronics	21-5-2013	6	6975	16530	working	
8	Compensating Module	5	3	Life Electronics	21-5-2013	6	6975	16530	working	
9	Compensating Module	5	3	Life Electronics	21-5-2013	6	6975	16530	working	
10	Synchro-pair module	6	3	Life Electronics	21-5-2013	6			All three is not working	
11	2 MHz Function Generator ING2000	6	15	Scientific MES Technik		6			working	
12	Lenovo Think Centered Desktops with keyboard, CPU, and mouse	185 of CSE Department stock register	4	Lenovo Think Center	2/8/2012	BGL-345/PSGF/2013-14	32,150	160,750	working	

Name of the verifier	Tejaswasi G.V.	PAVITHRA . J
Signature		
Designation	Assistant Professor	Assistant Professor
Department	EEF	Basic Science (Physics)

Signature of the Lab Incharge

Signature of the HOD

Signature of the Principal/Director

Associate Professor  
Head of the Department  
Department of Electrical & Electronics Engineering  
K S School of Engineering and Management  
Bengaluru-560 109

K S School of Engineering and Management  
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