



SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2018-2019

**ELECTRICAL AND ELECTRONICS
ENGINEERING**

EXPERIENTIAL LEARNING

Activity	Number of Students Attended	Page No.
Laboratory	21	3
Industrial Visit	37	15
TOTAL STUDENTS ATTENDED	58	-



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2018-2019

**ELECTRICAL AND ELECTRONICS
ENGINEERING**

EXPERIENTIAL LEARNING

LABORATORY



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
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Kaikkurichi, Pudukkottai, Tamil nadu – 622 303, India
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
EXPERIENTIAL LEARNING (LABORATORY COURSES)

ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -II YEAR

EE8461	LINEAR AND DIGITAL INTEGRATED CIRCUITS	L	T	P	C
	LABORATORY	0	0	4	2

OBJECTIVES:

- To learn design, testing and characterizing of circuit behavior with digital and analog ICs.

LIST OF EXPERIMENTS

1. Implementation of Boolean Functions, Adder and Subtractor circuits.
2. Code converters: Excess-3 to BCD and Binary to Gray code converter and vice-versa
3. Parity generator and parity checking
4. Encoders and Decoders
5. Counters: Design and implementation of 3-bit modulo counters as synchronous and Asynchronous types using FF IC's and specific counter IC.
6. Shift Registers: Design and implementation of 4-bit shift registers in SISO, SIPO, PISO, PIPO modes using suitability IC's.
7. Study of multiplexer and de multiplexer
8. Timer IC application: Study of NE/SE 555 timer in Astability, Monostability operation.
9. Application of Op-Amp: inverting and non-inverting amplifier, Adder, comparator, Integrator and Differentiator.
10. Voltage to frequency characteristics of NE/ SE 566 IC.
11. Variability Voltage Regulator using IC LM317.

**TOTAL: 60
PERIODS**


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EXPERIENTIAL LEARNING (LABORATORY COURSES)

ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -II YEAR

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS: (3 per Batch)

S.No	Name of the equipments / Components	Quantity Required	Remarks
1	Dual ,(0-30V) variability Power Supply	10	-
2	CRO	9	30MHz
3	Digital Multimeter	10	Digital
4	Function Generator	8	1 MHz
5	IC Tester (Analog)	2	
6	Bread board	10	
7	Computer (PSPIICE installed)	1	
Consumabilitys (sufficient quantity)			
1	IC 741/ IC NE555/566/565		
2	Digital IC types		
3	LED		
4	LM317		
5	LM723		
6	ICSG3524 / SG3525		
7	Transistor – 2N3391		
8	Diodes, IN4001,BY126		
9	Zener diodes		
10	Potentiometer		
11	Step-down transformer 230V/12-0-12V		
12	Capacitor		
13	Resistors 1/4 Watt Assorted		
14	Single Strand Wire		


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING EXPERIENTIAL LEARNING (LABORATORY COURSES)

ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -II YEAR

BATCH LIST

S.No	Reg No	Name of the student	Batch	Laboratory Course	Year/ Branch
1	912617105001	NAZEERA BANU I	I	EE8461- LINEAR & DIGITAL INTEGRATED CIRCUIT LABORATORY	II/EEE
2	912617105002	PARTHIKA S			
3	912617105003	PRIYA T			
4	912617105004	SAJINA K	II		
5	912617105005	SELSIYA R			
6	912617105006	THENMOZHI J			
7	912617105007	VANITHA E	III		
8	912617105301	PRASANNA P			
9	912617105302	SIYAMALADEVI S			


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Assessment Details Entered

APRIL / MAY EXAMINATION, 2019 [R-2017] - EXAMINATIONS

Inst Code & Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 105 : B.E. Electrical and Electronics Engineering University : AUC
 Semester : 04

Register No.	Name of the Student	Subjects	Attend hr 1	Total hr 1	Attend hr 2	Total hr 2	IM 2	Attend hr 3	Tot hr 3	IM 3	Attend hr 4	Total hr 4	IM 4	
912617105001	NAZEERA BANU I	EE8401	14	15	13	15	90	14	15	90	16	16	90	
		EE8402	10	12	9	12	83	10	11	94	10	11	92	
		EE8403	9	11	9	12	82	11	12	92	11	12	91	
		EE8411										54	60	92
		EE8412										25	30	94
		EE8451	10	12	9	12	84	10	11	90	9	10	92	
		EE8461										54	60	95
		IC8451	18	20	15	20	84	19	20	94	15	15	92	
		MA8491	12	14	12	16	85	15	16	92	13	14	90	
		912617105002	PARTHIKA S	EE8401	15	15	15	15	88	15	15	94	16	16
EE8402	12			12	12	12	89	11	11	91	11	11	91	
EE8403	10			11	12	12	85	12	12	91	12	12	89	
EE8411												60	60	94
EE8412												30	30	93
EE8451	12			12	12	12	87	11	11	89	10	10	91	
EE8461												60	60	96
IC8451	20			20	20	20	89	20	20	92	15	15	92	
MA8491	14			14	16	16	89	16	16	90	14	14	86	
912617105003	PRIYA T			EE8401	14	15	15	15	80	15	15	89	16	16
		EE8402	11	12	11	12	85	10	11	88	11	11	88	
		EE8403	10	11	11	12	82	11	12	88	11	12	86	
		EE8411										60	60	92
		EE8412										27	30	93
		EE8451	10	12	11	12	83	10	11	85	10	10	87	
		EE8461										60	60	94
		IC8451	19	20	19	20	86	18	20	89	15	15	91	
		MA8491	14	14	15	16	86	15	16	89	14	14	88	
		912617105004	SAJINA K	EE8401	14	15	15	15	80	14	15	88	16	16
EE8402	11			12	12	12	82	10	11	89	10	11	86	
EE8403	9			11	12	12	81	11	12	87	11	12	86	
EE8411												60	60	93
EE8412												27	30	92
EE8451	9			12	12	12	82	11	11	85	10	10	87	
EE8461												60	60	95
IC8451	19			20	20	20	85	20	20	90	14	15	89	
MA8491	13			14	16	16	82	15	16	89	14	14	86	
912617105005	SELSIYA R			EE8401	14	15	15	15	86	15	15	92	16	16
		EE8402	12	12	12	12	92	11	11	90	11	11	94	
		EE8403	10	11	12	12	91	12	12	90	12	12	93	
		EE8411										57	60	94
		EE8412										28	30	95
		EE8451	12	12	12	12	90	11	11	89	10	10	95	
		EE8461										60	60	94
		IC8451	20	20	20	20	93	20	20	91	15	15	95	
		MA8491	14	14	16	16	92	16	16	96	14	14	97	
		912617105006	THENMOZHI J	EE8401	14	15	15	15	92	14	15	94	16	16
EE8402	11			12	12	12	95	11	11	95	11	11	93	
EE8403	10			11	12	12	96	11	12	95	12	12	95	
EE8411												54	60	96
EE8412												28	30	96
EE8451	12			12	12	12	93	10	11	92	10	10	95	
EE8461												54	60	96
IC8451	19			20	20	20	95	19	20	94	14	15	95	

(Signature)
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Assessment Details Entered

APRIL / MAY EXAMINATION, 2019 [R-2017] - EXAMINATIONS

Inst Code & Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

	MA8491	14	14	16	16	95	15	16	98	13	14	98
912617105007 VANITHA E	EE8401	14	15	14	15	82	15	15	90	16	16	87
	EE8402	11	12	10	12	84	10	11	90	11	11	86
	EE8403	9	11	10	12	84	11	12	89	12	12	86
	EE8411									60	60	94
	EE8412									28	30	92
	EE8451	12	12	11	12	82	10	11	87	10	10	86
	EE8461									60	60	94
	IC8451	19	20	20	20	86	19	20	90	15	15	89
	MA8491	14	14	16	16	82	15	16	90	14	14	85
912617105301 PRASANNA P	EE8401	12	15	12	15	85	14	15	92	13	16	88
	EE8402	9	12	10	12	86	10	11	92	9	11	87
	EE8403	9	11	10	12	83	10	12	90	9	12	87
	EE8411									51	60	92
	EE8412									24	30	92
	EE8451	9	12	10	12	84	10	11	89	8	10	88
	EE8461									51	60	93
	IC8451	15	20	17	20	86	18	20	91	12	15	91
	MA8491	11	14	15	16	88	14	16	89	11	14	85
912617105302 SIYAMALADEVI S	EE8401	14	15	13	15	88	14	15	94	14	16	91
	EE8402	10	12	10	12	89	10	11	95	10	11	92
	EE8403	9	11	11	12	87	11	12	94	12	12	92
	EE8411									54	60	96
	EE8412									25	30	94
	EE8451	10	12	11	12	86	11	11	94	9	10	90
	EE8461									54	60	95
	IC8451	17	20	19	20	89	19	20	95	14	15	94
	MA8491	14	14	15	16	90	15	16	95	13	14	91

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -III YEAR

EE6511 CONTROL AND INSTRUMENTATION LABORATORY L T P C
0 0 3 2

OBJECTIVES:

To provide knowledge on analysis and design of control system along with basics of instrumentation

LIST OF EXPERIMENTS:

CONTROLSYSTEMS:

1. P, PI and PID controllers
2. Stability Analysis
3. Modeling of Systems – Machines, Sensors and Transducers
4. Design of Lag, Lead and Lag-Lead Compensators
5. Position Control Systems
6. Synchro-Transmitter- Receiver and Characteristics
7. Simulation of Control Systems by Mathematical development tools.

INSTRUMENTATION:

8. Bridge Networks –AC and DC Bridges
9. Dynamics of Sensors/Transducers a.
Temperature
 - b. Pressure
 - c. Displacement
 - d. Optical
 - e. Strain f. Flow
10. Power and Energy Measurement
11. Signal Conditioning
 - a. Instrumentation Amplifier
 - b. Analog – Digital and Digital –Analog converters (ADC and DACs)
12. Process Simulation.

TOTAL: 45 PERIODS


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ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -III YEAR

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS:

CONTROLSYSTEMS:

1. PID Kit -1 No
DSO - 1 No
CRO Probe – 2 nos
2. Personal computers
3. DC motor – 1 No.
Generator – 1 No.
Rheostats – 2 nos
Ammeters
Voltmeters
Connecting wires (3/20)
4. CRO 30MHz – 1 No.
2MHz Function Generator – 1No.
5. Position Control Systems Kit (with manual) – 1 No., Tacho Generator Coupling set
6. AC Synchro transmitter & receiver – 1No.
Digital multi meters

INSTRUMENTATION:

7. R, L, C Bridge kit (with manual)
8. a) Electric heater – 1No.
Thermometer – 1No. Thermistor (silicon type) RTD nickel type – 1No.
b) 30 psi Pressure chamber (complete set) – 1No. Current generator (0 – 20mA) Air foot pump – 1 No. (with necessary connecting tubes)
c) LVDT 20mm core length movable type – 1No. CRO 30MHz – 1No.
d) Optical sensor – 1 No. Light source
e) Strain Gauge Kit with Handy lever beam – 1No. 100gm


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weights – 10 nos

f) Flow measurement Trainer kit – 1 No.

(1/2 HP Motor, Water tank, Digital Milliammeter, complete set)

9. Single phase Auto transformer – 1No.

Watt-hour meter (energy meter) – 1No. Ammeter

Voltmeter Rheostat Stop watch

Connecting wires (3/20)

10. IC Transistor kit – 1No.

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Experiential learning(Project,In-Plant Training,Industrial visit,Local visit)

ACADEMIC YEAR (2018-2019)

LABORATORY COURSES -III YEAR

BATCH LIST

S.No	Reg No	Name of the student	Batch	Laboratory Course	Year/ Branch
1	912616105001	ABIRAMI M	I	EE6511- CONTROL & INSTRUMENT ATION LABORATORY	III/EEE
2	912616105002	AJITHA R			
3	912616105004	GIRIJA V			
4	912616105006	JOTHIKA A			
5	912616105007	KARUNAMBIGAL A	II		
6	912616105008	PRASANNA K			
7	912616105009	SARANYA G			
8	912616105010	SNEHA V			
9	912616105011	SUBHASRI.T	III		
10	912616105013	SURIYAKALA R			
11	912616105301	MAHESWARI R			
12	912616105302	PRINCY ROSELIN I			

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HoD/EEE

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Assessment Details Entered
 NOV. / DEC. EXAMINATION, 2018 - EXAMINATIONS

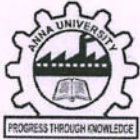
Inst Code & Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 105 : B.E. Electrical and Electronics Engineering University : AUC
 Semester : 05

Register No.	Name of the Student	Subjects	Attend hr 1	Total hr 1	Attend hr 2	Total hr2	IM 2	Attend hr 3	Tot hr 3	IM 3	Attend hr 4	Total hr4	IM 4	
912616105001	ABIRAMI M	EE6501	12	12	12	12	88	12	12	93	11	11	95	
		EE6502	12	12	11	11	94	11	11	88	9	10	96	
		EE6503	12	13	12	12	68	11	11	73	9	10	93	
		EE6504	15	15	15	15	90	16	16	92	14	15	92	
		EE6511										45	45	97
		EE6512										42	45	98
		GE6674										60	60	96
		IC6501	14	15	15	15	80	16	16	88	15	16	16	96
		ME6701	12	12	11	11	86	12	12	84	11	12	12	91
		912616105002	AJITHA R	EE6501	10	12	10	12	69	11	12	87	10	11
EE6502	10			12	10	11	64	11	11	72	10	10	92	
EE6503	11			13	10	12	71	10	11	71	10	10	85	
EE6504	14			15	14	15	76	15	16	73	15	15	87	
EE6511												45	45	91
EE6512												42	45	93
GE6674												60	60	95
IC6501	13			15	13	15	74	15	16	78	16	16	16	92
ME6701	11			12	9	11	64	11	12	75	12	12	12	83
912616105003	GIRIJA V			EE6501	12	12	12	12	94	11	12	95	11	11
		EE6502	12	12	11	11	82	11	11	88	10	10	95	
		EE6503	13	13	12	12	77	10	11	77	10	10	94	
		EE6504	15	15	15	15	88	15	16	89	15	15	95	
		EE6511										45	45	96
		EE6512										45	45	97
		GE6674										60	60	98
		IC6501	15	15	15	15	88	15	16	89	16	16	16	96
		ME6701	12	12	11	11	86	11	12	70	12	12	12	94
		912616105006	JOTHIKA A	EE6501	10	12	10	12	61	12	12	82	10	11
EE6502	12			12	9	11	62	11	11	78	9	10	87	
EE6503	13			13	10	12	69	11	11	72	9	10	82	
EE6504	15			15	13	15	60	15	16	70	14	15	83	
EE6511												45	45	92
EE6512												42	45	93
GE6674												54	60	95
IC6501	14			15	12	15	60	15	16	68	15	16	16	89
ME6701	11			12	9	11	60	12	12	71	11	12	12	81
912616105007	KARUNAMBIGAI A			EE6501	10	12	12	12	69	12	12	95	11	11
		EE6502	9	12	11	11	85	11	11	87	10	10	93	
		EE6503	10	13	12	12	81	11	11	79	10	10	92	
		EE6504	13	15	15	15	84	16	16	94	15	15	93	
		EE6511										45	45	97
		EE6512										45	45	97
		GE6674										60	60	98
		IC6501	12	15	15	15	74	16	16	87	16	16	16	97
		ME6701	10	12	11	11	90	12	12	80	12	12	12	92
		912616105008	PRASANNA K	EE6501	11	12	12	12	76	11	12	93	11	11
EE6502	12			12	11	11	86	10	11	92	10	10	94	
EE6503	12			13	12	12	69	10	11	78	10	10	93	
EE6504	15			15	15	15	82	14	16	88	15	15	93	
EE6511												42	45	96
EE6512												45	45	97
GE6674												60	60	98
IC6501	14			15	14	15	80	15	16	80	16	16	16	97

Dr. S. THILAGAVATHI M.E., Ph.D.
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NOV. / DEC. EXAMINATION, 2018 - EXAMINATIONS

Inst Code & Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

912616105009	SARANYA G	ME6701	12	12	11	11	80	11	12	84	12	12	91
		EE6501	9	12	12	12	63	11	12	89	11	11	89
		EE6502	9	12	11	11	68	11	11	76	10	10	88
		EE6503	12	13	12	12	67	11	11	78	10	10	87
		EE6504	13	15	15	15	72	15	16	87	15	15	89
		EE6511									42	45	95
		EE6512									42	45	93
912616105010	SNEHA V	GE6674								57	60	96	
		IC6501	12	15	15	15	68	15	16	81	16	16	93
		ME6701	10	12	11	11	76	11	12	75	12	12	86
		EE6501	11	12	12	12	85	12	12	91	11	11	92
		EE6502	12	12	11	11	66	11	11	77	10	10	89
		EE6503	12	13	12	12	72	11	11	65	10	10	89
		EE6504	14	15	15	15	72	16	16	85	15	15	91
912616105011	SUBHASRI T	EE6511									45	45	93
		EE6512									45	45	92
		GE6674									60	60	96
		IC6501	14	15	15	15	72	16	16	78	16	16	92
		ME6701	12	12	11	11	64	12	12	78	12	12	85
		EE6501	9	12	10	12	65	12	12	82	10	11	82
		EE6502	11	12	10	11	61	10	11	70	10	10	83
912616105013	SURIYAKALA R	EE6503	10	13	10	12	70	10	11	68	9	10	82
		EE6504	13	15	12	15	64	15	16	74	13	15	82
		EE6511									42	45	91
		EE6512									42	45	92
		GE6674									57	60	95
		IC6501	12	15	12	15	70	15	16	76	14	16	89
		ME6701	10	12	9	11	61	12	12	76	10	12	82
912616105301	MAHESWARI R	EE6501	11	12	12	12	72	12	12	92	11	11	94
		EE6502	12	12	11	11	88	11	11	82	10	10	92
		EE6503	13	13	12	12	80	11	11	70	10	10	92
		EE6504	15	15	15	15	86	16	16	88	15	15	93
		EE6511									45	45	96
		EE6512									45	45	96
		GE6674									60	60	96
912616105302	PRINCY ROSELIN I	IC6501	14	15	15	15	72	16	16	85	15	16	94
		ME6701	12	12	11	11	88	12	12	80	11	12	91
		EE6501	12	12	12	12	67	12	12	83	11	11	87
		EE6502	12	12	11	11	65	11	11	71	10	10	88
		EE6503	13	13	12	12	71	11	11	71	10	10	84
		EE6504	15	15	15	15	70	16	16	70	15	15	84
		EE6511									45	45	94
912616105302	PRINCY ROSELIN I	EE6512									45	45	93
		GE6674									60	60	95
		IC6501	15	15	15	15	66	16	16	74	16	16	87
		ME6701	12	12	11	11	69	12	12	72	12	12	84
		EE6501	12	12	12	12	68	12	12	85	11	11	83
		EE6502	12	12	11	11	86	11	11	80	10	10	94
		EE6503	13	13	12	12	72	11	11	70	10	10	83
912616105302	PRINCY ROSELIN I	EE6504	15	15	15	15	64	16	16	78	15	15	87
		EE6511									45	45	93
		EE6512									45	45	94
		GE6674									60	60	95
		IC6501	14	15	15	15	67	16	16	71	16	16	85
		ME6701	12	12	11	11	68	12	12	74	12	12	83

Dr. S. THILAGAVATHI M.E., Ph.D.

PRINCIPAL

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2018-2019

**ELECTRICAL AND ELECTRONICS
ENGINEERING**

EXPERIENTIAL LEARNING

INDUSTRIAL VISIT



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamilnadu – 622 303, India

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Experiential learning(In-Plant Training, Internship, Industrial visit)


ACADEMIC YEAR 2018-2019

EXPERIENTIAL LEARNING METHOD-INDUSTRIAL VISIT

S.NO	REGISTER NO	NAME	YEAR/ SEM	NAME OF THE LEARNING METHOD
1	912617105001	NAZEERA BANU I	II/III	EXPERIENTIAL LEARNING INDUSTRIAL VISIT- 230KV SUB STATION, PUDUKKOTTAI
	912617105002	PARTHIKA S		
	912617105003	PRIYA T		
	912617105004	SAJINA K		
	912617105005	SELSIYA R		
	912617105006	THENMOZHI J		
	912617105007	VANITHA E		
	912617105301	PRASANNA P		
	912617105302	SIYAMALADEVI S		
2	912616105001	ABIRAMI M	III/V	
	912616105002	AJITHA R		
	912616105003	GIRIJA V		
	912616105006	JOTHIKA A		
	912616105007	KARUNAMBIGAI A		
	912616105008	PRASANNA K		
	912616105009	SARANYA G		
	912616105010	SNEHA V		
	912616105011	SUBHASRI T		
	912616105013	SURIYAKALA R		
	912616105301	MAHESWARI R		
912616105302	PRINCY ROSELIN I			
3	912615105001	ASWINI .B	IV/VII	
	912615105003	DHANALAKSHMI .A		
	912615105004	DIVYADHARSHINI .B		
	912615105005	MANJULA .S		
	912615105006	PRAVEENA .K		
	912615105007	PRAVEENA .R		
	912615105008	PRIYADHARSINI .R		
	912615105009	SANGEETHA .M		
	912615105011	SANTHIYA RANI .C		
	912615105012	SUGANYA .A		
	912615105013	SUWATHI .D		
	912615105014	SWARNALATHA .R		
	912615105015	VAISHNAVI .B		
	912615105301	AISHWARYA .S		
912615105302	MALINI .K			


Dr. S. THILAGAVATHI M.E., Ph.D.,
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HOD/EEE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

From

The Principal,
Sri Bharathi Engineering College For Women,
Kaikkurichi, Pudukkottai-622303.

Date : 19-07-2018.

To

Superintending Engineer,
Pudukkottai Electricity Distribution Circle, TNEB,
Post Box No.30, Pudukkottai-622001

Respected sir,

Sub: Requesting permission to visit Substation of both 230KV SS and 110KV SS –
regarding.

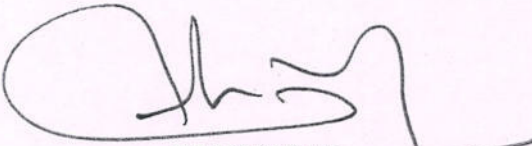
On behalf of our Institution, it is my pleasure to write this letter to seek permission to visit **230 KV substation** in the **morning** and **110KV substation** in the **afternoon** for the industrial visit that we have planned for our Second, Third & Final year **EEE** students on the first week of the August preferably on **Saturday** either on **04.08.2018** or on **11.08.2018**.

The visiting team comprised of 37 students who will be accompanied by four staff members. This will be a good experience for our students to develop their knowledge and will help them to develop in future career and job prospects.

If the above date is not convenient to you, alternate date may be suggested.

Thanking you in anticipation of your positive response.


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
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Kaikkurichi - 622 303, Pudukkottai Dt.


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SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI - 622 303.
PUDUKKOTTAI DISTRICT

TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LIMITED

VIGILANCE CELL,
144, ANNA SALAI,
CHENNAI - 2.

Memorandum No:12677/B11/B111/2018 - 1, Dated:20.08.2018.

Sub: Visit to Pudukottai Substation by the students of Sri Bharathi Engineering College for Women, Pudukottai, Permission – Granted.

Ref: 1. Vigilance Cell Circular Memo.No.3987/B11/B112/2015 – 1, Dt:26.03.2015.
2. From the Head of Department, Sri Bharathi Engineering College for Women, Pudukottai, Lr.dt:27.07.2018.

One batch of 35 III & IV year Electrical and Electronics Engineering students alongwith four staff members of Sri Bharathi Engineering College for Women, Pudukottai are permitted to visit Pudukottai Substation on 28.08.2018 subject to the conditions specified in the memo. first cited.

SRILAKSHMI PRASAAD
ADDITIONAL DIRECTOR GENERAL OF POLICE/VIGILANCE

To
The Superintending Engineer/Operation/Trichy.

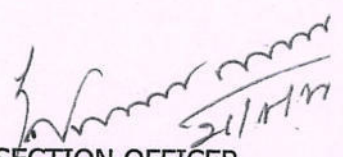
(He is requested to obtain ready list from the college concerned containing the name age and address of the visitors during the visit)

Copy to:-

✓ The Head of Department,
Sri Bharathi Engineering College for Women,
Kaikkurichi, Pudukottai-622 303.

(He is informed that a maximum numbers of 70 students will be permitted per day for industrial visit and Camera, Mobile phone will not be allowed for industrial visit and he is requested to prepare ready list regarding name, age address etc., of the students and hand over the same to the office at the place of visit.)

:: TRUE COPY :: FORWARDED BY ORDER ::


SECTION OFFICER


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Pudukkottai - Aranthangi Road,
Kaikkurichi, Pudukkottai - 622 303.

Date : 19/07/2018.

This is to certify that the following students of our college are studying II, III, IV of
B.E / Electrical and Electronics Engineering during this academic year 2018-2019.

S.NO	REG.NO	NAME
IV YEAR EEE-VII SEM		
1.	912615105001	ASWINI .B
2.	912615105003	DHANALAKSHMI .A
3.	912615105004	DIVYADHARSHINI .B
4.	912615105005	MANJULA .S
5.	912615105006	PRAVEENA .K
6.	912615105007	PRAVEENA .R
7.	912615105008	PRIYADHARSINI .R
8.	912615105009	SANGEETHA .M
9.	912615105011	SANTHIYA RANI .C
10.	912615105012	SUGANYA .A
11.	912615105013	SUWATHI .D
12.	912615105014	SWARNALATHA .R
13.	912615105015	VAISHNAVI .B
14.	912615105301	AISHWARYA .S
15.	912615105302	MALINI.K
16.	912615105303	MARSUGA KANI.M
III YEAR EEE-V SEM		
17.	912616105001	ABIRAMI.M
18.	912616105002	AJITHA.R
19.	912616105003	GIRIJA.V
20.	912616105006	JOTHIKA.A
21.	912616105007	KARUNAMBIGAI.A
22.	912616105008	PRASANNA.K
23.	912616105009	SARANYA.G
24.	912616105010	SNEHA.V
25.	912616105011	SUBHASRI.T
26.	912616105013	SURIYAKALA.R
27.	912616105301	MAHESWARI R
28.	912616105302	PRINCY ROSELIN I

Dr. S.THILAGAVATHI M.E., Ph.D.,
PRINCIPAL

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kaikkurichi - 622 303, Pudukkottai Dt.

II YEAR EEE-III SEM		
S.NO	REG.NO	NAME
29	912617105001	NAZEERA BANU.I
30	912617105002	PARTHIKA.S
31	912617105003	PRIYA.T
32	912617105004	SAJINA.K
33	912617105005	SELSIYA.R
34	912617105006	THENMOZHILJ
35	912617105007	VANITHA.E
36	912617105301	PRASANNA P
37	912617105302	SIYAMALADEVI S
FACULTY MEMBERS		
1.	Mrs.S.SUSILA DEVI	AP/EEE
2.	Mrs.R.AKILANDESWARI	AP/EEE

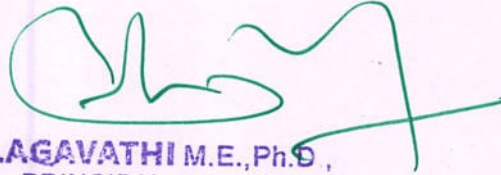
This certificate is issued only for the purpose of attending **INDUSTRIAL VISIT** in **T.N.E.B, Pudukkottai.**




PRINCIPAL

PRINCIPAL

15/12/11
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI - 622 303.
PUDUKKOTTAI DISTRICT



Dr. **S.THILAGAVATHI** M.E., Ph.D.,
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(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamilnadu – 622 303, India
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON INDUSTRIAL VISIT

PLACE OF VISIT : 230 KV substation & 110 KV substation, T.N.E.B, Pudukkottai.

DATE : 28th AUGUST 2018.


The industrial visit is scheduled for one day 28.08.2018 for EEE department. 37 students and 4 staff members visited the 230 KV substation and 110 KV substation, Pudukkottai.

The objective of this visit was to provide us with practical insights into the operation and maintenance of a high-voltage substation, which is an integral part of our academic curriculum. The 230 kV and 110 KV Substation in Pudukkottai is a crucial facility that plays an important role in the transmission and distribution of electricity in this region. The substation receives power from the national grid and distributes it to various areas in and around Pudukkottai, including residential, commercial, and industrial zones. Students were introduced about the various components and electrical instruments used for power distribution and voltage conditioning. They showed detailed presentation on the functioning and components of the substation. The presentation covered topics such as transformers, circuit breakers, isolators, switchgear, and the role of the substation in voltage transformation and distribution.

In conclusion, the industrial visit to the 230 kV and 110 KV Substation in Pudukkottai was a highly educational and informative experience for the EEE students. It bridged the gap between theoretical knowledge and practical application, enhancing the understanding of the electrical power distribution system.




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KAIKKURICHI,
PUDUKKOTTAI - 622 303.