



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

SCIENCE AND HUMANITIES

EXPERIENTIAL LEARNING

Activity	Number of Students Attended	Page No.
Laboratory	53	3
TOTAL STUDENTS ATTENDED	53	-



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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

SCIENCE AND HUMANITIES

EXPERIENTIAL LEARNING

LABORATORY



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

ACADEMIC YEAR 2018 – 2019 (EVEN SEMESTER)

DEPARTMENT OF SCIENCE AND HUMANITIES

(EXPERIENTIAL LEARNING)

SYLLABUS

GE8261 ENGINEERING PRACTICES LABORATORY L T P C

0 0 4 2

OBJECTIVES:

To provide exposure to the students with hands on experience on various basic engineering practices in Civil, Mechanical, Electrical and Electronics Engineering.

CIVIL ENGINEERING PRACTICE

13

BUILDINGS:

(a) Study of plumbing and carpentry components of residential and industrial buildings. Safety aspects.

PLUMBING WORKS:

(a) Study of pipeline joints, its location and functions: valves, taps, couplings, unions, reducers, elbows in household fittings.

(b) Study of pipe connections requirements for pumps and turbines.

(c) Preparation of plumbing line sketches for water supply and sewage works.

(d) Hands-on-exercise: Basic pipe connections – Mixed pipe material connection – Pipe connections with different joining components.

(e) Demonstration of plumbing requirements of high-rise buildings.

CARPENTRY USING POWER TOOLS ONLY:

(a) Study of the joints in roofs, doors, windows and furniture.

(b) Hands-on-exercise:

Wood work, joints by sawing, planing and cutting.

ELECTRICAL ENGINEERING PRACTICE

13


1. Residential house wiring using switches, fuse, indicator, lamp and energy meter.

2. Fluorescent lamp wiring.

3. Stair case wiring

4. Measurement of electrical quantities – voltage, current, power & power factor in RLC circuit.

5. Measurement of energy using single phase energy meter.


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6. Measurement of resistance to earth of an electrical equipment.

ELECTRONICS ENGINEERING PRACTICE

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1. Study of Electronic components and equipments – Resistor, colour coding measurement of AC signal parameter (peak-peak, rms period, frequency) using CR. 36
2. Study of logic gates AND, OR, EX-OR and NOT. 3. Generation of Clock Signal.
4. Soldering practice – Components Devices and Circuits – Using general purpose PCB.
5. Measurement of ripple factor of HWR and FWR.

TOTAL:60 hours

OUTCOMES: On successful completion of this course, the student will be able to

- Fabricate carpentry components and pipe connections including plumbing works.
- Use welding equipments to join the structures.
- Carry out the basic machining operations
- Make the models using sheet metal works
- Illustrate on centrifugal pump, Air conditioner, operations of smithy, foundary and fittings
- Carry out basic home electrical works and appliances
- Measure the electrical quantities
- Elaborate on the components, gates, soldering practices

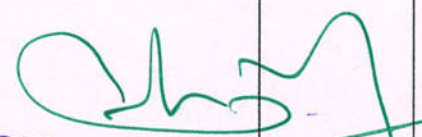

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
ACADEMIC YEAR 2018– 2019(EVEN SEMESTER)
DEPARTMENT OF SCIENCE AND HUMANITIES

LABORATORY COURSE					
S.NO	BATCH	REG NO	NAME	LABORATORY COURSE	YEAR
1	I	912618104001	ABIRAMI S	GE8261- Engineering practices laboratory	I
		912618104002	AKILA P		
		912618104003	BUVANESHWARI S		
		912618104004	EVANJELIN S		
		912618104005	FEFINA I		
		912618104006	GAYATHRI S		
		912618104007	GOWSALYA A		
		912618104008	ISHWARYA S		
		912618104009	ISWARYA C		
		912618104011	JAYANTHINI T		
		912618104012	KAVIYASELVI K		
		912618104013	KOWSALYA S		
		912618104014	LAKSHMI N		
		912618104015	LAKSHMI PRABHA M		
		912618104017	MALA S6		
		912618104018	MAMTHA G		
		912618104019	NIRANJANADEVI C		
		912618104020	NIVEDHA M		
		912618104021	NIVETHA G		
		912618104022	PRIYADHARSHINI R		
912618104023	PRIYAVATHANI A				
912618104024	PUVIYARASI S				
912618104025	RASMI J				
912618104026	ROSLINA BEGUM R				
912618104027	SINDHU V				
912618104028	SIVASANGAVI A				
912618104029	SURUTHIKA S				
2	II	912618104030	SURYA A	GE8261- Engineering practices laboratory	I
		912618104031	SUSHMEENA K		
		912618103003	MAHESHWARI V		
		912618103005	MEENACHI K		
		912618103008	SATHYA M		
		912618103009	SRIVIDHYA S		
		912618103010	UMAMAHESWARI K		
		912618106001	ANUSHAA S		
		912618106002	ARIVARASI A		
		912618106003	ASMATH HAZEENA N		
		912618106004	ATCHAYA R		
		912618106005	JAYAPRIYA T		
		912618106006	JAYASRI M		
		912618106007	NAGALAKSHMI P		
912618106008	NAVITHRA D				
912618106009	ROHINI K				
912618106010	SOUNTHARYA P				
912618106011	SUBATHARANI V				


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2	II	912618106012	THAIYAL NAYAGI K	GE8261- Engineering practices laboratory	I
		912618105001	AARTHI G		
		912618105002	AASHA R		
		912618105003	AGARI S		
		912618105004	JEEVITHA R		
		912618105005	NISHA K		
		912618105006	RAMANA R		
		912618105007	SNEHA S		

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Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN


Branch Code / Name : 104 - B.E. Computer Science and Engineering

Semester : 02

University : AUC

Regulation : 2017

S.No	Register Number	Name	BE8255	CS8251	CS8261	GE8261	GE8291	HS8251	MA8251	PH8252
1	912618104001	ABIRAMI S	14	16	18	16	16	14	15	15
2	912618104002	AKILA P	14	16	19	16	15	15	15	15
3	912618104003	BUVANESHWARI S	14	17	19	16	16	15	15	16
4	912618104004	EVANJELIN S	14	16	18	16	14	15	14	15
5	912618104005	FEFINA I	14	15	18	16	15	15	14	15
6	912618104006	GAYATHRI S	13	15	19	18	14	15	13	14
7	912618104007	GOWSALYA A	14	15	18	16	15	14	15	15
8	912618104008	ISHWARYA S	16	17	19	16	16	15	15	15
9	912618104009	ISWARYA C	16	17	19	16	17	15	15	16
10	912618104011	JAYANTHINI T	18	17	19	17	17	17	15	17
11	912618104012	KAVIYASELVI K	14	16	18	16	16	15	17	16
12	912618104013	KOWSALYA S	17	17	17	18	17	17	17	16
13	912618104014	LAKSHMI N	14	16	18	16	16	15	16	15
14	912618104015	LAKSHMI PRABHA M	14	15	18	17	16	16	17	16
15	912618104017	MALA S	15	15	17	16	16	15	16	16
16	912618104018	MAMTHA G	16	18	19	16	17	16	17	17
17	912618104019	NIRANJANADEV I C	15	16	18	16	16	15	16	16
18	912618104020	NIVEDHA M	16	17	19	17	16	16	15	16
19	912618104021	NIVETHA G	16	16	18	16	17	15	17	17
20	912618104022	PRIYADHARSHINI R	14	15	17	16	15	15	14	15
21	912618104023	PRIYAVATHANI A	16	15	18	16	16	15	13	15
22	912618104024	PUVIYARASI S	16	17	18	18	16	16	17	16
23	912618104025	RASMI J	16	18	18	18	18	17	15	18
24	912618104026	ROSLINA BEGUM R	16	18	18	17	17	17	15	18
25	912618104027	SINDHU V	16	15	19	16	17	16	17	17
26	912618104028	SIVASANGAVI A	15	17	18	16	16	15	15	16
27	912618104029	SURUTHIKA S	15	17	19	17	17	16	14	16
28	912618104030	SURYA A	14	15	16	16	15	14	13	14
29	912618104031	SUSHMEENA K	16	18	19	18	16	16	17	17


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Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 103 - B.E. Civil Engineering

Semester : 02

University : AUC

Regulation : 2017

S.No	Register Number	Name	BE8251	CE8211	GE8261	GE8291	GE8292	HS8251	MA8251	PH8201
1	912618103003	MAHESHWARI V	15	18	15	15	17	15	14	15
2	912618103005	MEENACHI K	16	18	16	16	17	16	15	15
3	912618103008	SATHYA M	17	19	18	18	18	16	18	16
4	912618103009	SRIVIDHYA S	18	19	17	19	19	18	19	17
5	912618103010	UMAMAHESWARI K	17	19	16	17	17	16	16	17



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Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Branch Code / Name : 106 - B.E. Electronics and Communication Engineering

Semester : 02

University : AUC

Regulation : 2017

S.No	Register Number	Name	BE8254	EC8251	EC8252	EC8261	GE8261	HS8251	MA8251	PH8253
1	912618106001	ANUSHAA S	17	15	16	18	16	16	18	16
2	912618106002	ARIVARASI A	18	15	17	19	17	16	17	17
3	912618106003	ASMATH HAZEENA N	15	15	15	16	18	15	15	15
4	912618106004	ATCHAYA R	17	15	16	18	16	16	18	16
5	912618106005	JAYAPRIYA T	14	14	14	18	16	15	14	15
6	912618106006	JAYASRI M	19	18	17	18	19	17	19	18
7	912618106007	NAGALAKSHMI P	14	13	14	18	16	14	14	15
8	912618106008	NAVITHRA D	15	14	14	18	15	14	14	15
9	912618106009	ROHINI K	19	18	17	19	19	18	19	18
10	912618106010	SOUNTHARYA P	17	14	15	18	17	16	15	16
11	912618106011	SUBATHARANI V	14	13	13	17	16	15	14	14
12	912618106012	THAIYAL NAYAGI K	17	16	16	19	16	17	16	17


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Internal Marks Report

College Code / Name : 9126 - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN


Branch Code / Name : 105 - B.E. Electrical and Electronics Engineering

Semester : 02

University : AUC

Regulation : 2017

S.No	Register Number	Name	BE8252	EE8251	EE8261	GE8261	GE8291	HS8251	MA8251	PH8253
1	912618105001	AARTHI G	16	15	18	18	16	15	15	15
2	912618105002	AASHA R	17	16	18	18	17	15	17	15
3	912618105003	AGARI S	16	16	19	18	16	15	15	15
4	912618105004	JEEVITHA R	18	16	19	19	18	16	16	17
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