



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)

2021-2022

SCIENCE AND HUMANITIES

EXPERIENTIAL LEARNING

Activity	Number of Students Attended	Page No.
Laboratory	48	3
TOTAL STUDENTS ATTENDED	48	-



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(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)

2021-2022

SCIENCE AND HUMANITIES

EXPERIENTIAL LEARNING

LABORATORY



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

ACADEMIC YEAR 2021– 2022 (EVEN SEMESTER)

DEPARTMENT OF SCIENCE AND HUMANITIES

(EXPERIENTIAL LEARNING)

SYLLABUS

GE3271

ENGINEERING PRACTICES LABORATORY

L T P C

0 0 4 2

COURSE OBJECTIVES:

The main learning objective of this course is to provide hands on training to the students in:

1. Drawing pipe line plan; laying and connecting various pipe fittings used in common household plumbing work; Sawing; planing; making joints in wood materials used in common household wood work.
2. Wiring various electrical joints in common household electrical wire work.
3. Welding various joints in steel plates using arc welding work; Machining various simple processes like turning, drilling, tapping in parts; Assembling simple mechanical assembly of common household equipments; Making a tray out of metal sheet using sheet metal work.
4. Soldering and testing simple electronic circuits; Assembling and testing simple electronic components on PCB.

CIVIL ENGINEERING PRACTICES

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PLUMBING WORK:

- a) Connecting various basic pipe fittings like valves, taps, coupling, unions, reducers, elbows and other components which are commonly used in household.
- b) Preparing plumbing line sketches.
- c) Laying pipe connection to the suction side of a pump
- d) Laying pipe connection to the delivery side of a pump.
- e) Connecting pipes of different materials: Metal, plastic and flexible pipes used in household appliances.

WOOD WORK:

- a) Sawing,
- b) Planing and
- c) Making joints like T-Joint, Mortise joint and Tenon joint and Dovetail joint.


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Wood Work Study:

- a) Studying joints in door panels and wooden furniture
- b) Studying common industrial trusses using models.

ELECTRICAL ENGINEERING PRACTICES

15

- a) Introduction to switches, fuses, indicators and lamps - Basic switch board wiring with lamp, fan and three pin socket
- b) Staircase wiring
- c) Fluorescent Lamp wiring with introduction to CFL and LED types.
- d) Energy meter wiring and related calculations/ calibration
- e) Study of Iron Box wiring and assembly
- f) Study of Fan Regulator (Resistor type and Electronic type using Diac/Triac/quadrac)
- g) Study of emergency lamp wiring/Water heater

ELECTRONIC ENGINEERING PRACTICES

15

SOLDERING WORK:

- a) Soldering simple electronic circuits and checking continuity.

ELECTRONIC ASSEMBLY AND TESTING WORK:

- a) Assembling and testing electronic components on a small PCB

ELECTRONIC EQUIPMENT STUDY:

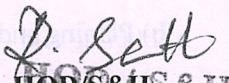
- a) Study an elements of smart phone..
- b) Assembly and dismantle of LED TV.
- c) Assembly and dismantle of computer/ laptop

TOTAL : 60 PERIODS

COURSE OUTCOMES: Upon completion of this course, the students will be able to:

- Draw pipe line plan; lay and connect various pipe fittings used in common household plumbing work; Saw; plan; make joints in wood materials used in common household wood work.
- Wire various electrical joints in common household electrical wire work.
- Weld various joints in steel plates using arc welding work; Machine various simple processes like turning, drilling, tapping in parts; Assemble simple mechanical assembly of common household equipments; Make a tray out of metal sheet using sheet metal work.
- Solder and test simple electronic circuits; Assemble and test simple electronic components on PCB.


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ACADEMIC YEAR 2021– 2022(EVEN SEMESTER)

DEPARTMENT OF SCIENCE AND HUMANITIES

LABORATORY COURSE					
S.NO	BATCH	REG NO	NAME	LABORATORY COURSE	YEAR
1	I	912621104001	ABINAYA.K	GE3271- Engineering practices laboratory	I
		912621104002	AMEERA.N		
		912621104003	ANJUGAM.C		
		912621104004	ARUNDATHI.S		
		912621104005	ASHIKA.B		
		912621104006	DIVYA.T		
		912621104007	ELACKIYA.G		
		912621104008	GAYATHRI.K		
		912621104009	GEETHA.M		
		912621104010	HARSHITHA.P		
		912621104011	ISHWARYA.S		
		912621104012	JANANI.R		
		912621104013	KANDALAKSHMI.A		
		912621104014	LALITHAMBIKAI.K		
		912621104015	LAVANYA.S		
		912621104016	MAHASREE.P		
		912621104018	PRIYA.M		
		912621104019	RABIKA.R		
		912621104020	RISVANA BEGAM.S		
		912621104021	SAHEENA BEGAM.A		
		912621104022	SASIPRIYA.R		
		912621104023	SHAMIMA.P		
		912621104024	SHEERA BANU.A		
		912621104025	SIVAJOTHIKA.S		
		912621104026	SIVAPRIYA.R		
		912621104027	SUBADHARSINI.S		
		2	II		
912621104029	VINITHA.K				
912621104030	VISALATCHI.S				
912621104031	YOGESHWARI.S				
912621103001	AKILA.G				
912621103002	GAYATHRI.G				
912621103003	JAYABHARATHI.R				
912621103004	JAYA MANOHARI.B				
912621103005	PRIYADHARSHINI.A				
912621103006	RABIA BANU.M				
912621103007	SHERLIN KAVYA.B				
912621106001	AMRIN. M				
912621106002	BHUVANESWARI.C				
912621106003	DHANYASHREE.A				
912621106004	KALAIVANI.R				
912621106005	KAVIYA.K				
912621106006	KEERTHANA.V				
912621106007	PAVITHRA.P				
912621106008	RAJESHWARI.R				

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2	II	912621106009	SUBALAKSHMI.M	GE3271- Engineering practices laboratory	I
		912621106010	SUGUNA.C		
		912621105001	GOKULA PRAVEENA.A		
		912621105002	RAFEEQA.N		
		912621105003	RAJESWARI. A		

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 PUDUKKOTTAI - 622 303.

YEAR	COURSE	NAME	REGNO	BATCH
1	GE3271- Engineering practices laboratory	GAZATHI	9126210001	1
1	GE3271- Engineering practices laboratory	LEETHA M	9126210002	1
1	GE3271- Engineering practices laboratory	HARSHITHA P	9126210003	1
1	GE3271- Engineering practices laboratory	ISHWARYA S	9126210004	1
1	GE3271- Engineering practices laboratory	JANANI R	9126210005	1
1	GE3271- Engineering practices laboratory	KANDAK SIMI A	9126210006	1
1	GE3271- Engineering practices laboratory	LALITHAMBARI K	9126210007	1
1	GE3271- Engineering practices laboratory	LAXMI A S	9126210008	1
1	GE3271- Engineering practices laboratory	MALASREE P	9126210009	1
1	GE3271- Engineering practices laboratory	KRISHA M	9126210010	1
1	GE3271- Engineering practices laboratory	RABIA A R	9126210011	1
1	GE3271- Engineering practices laboratory	RISHANA REEM S	9126210012	1
1	GE3271- Engineering practices laboratory	SAHENA BEEMA A	9126210013	1
1	GE3271- Engineering practices laboratory	SABIRU A R	9126210014	1
1	GE3271- Engineering practices laboratory	SHAMITHA P	9126210015	1
1	GE3271- Engineering practices laboratory	SHEERA BANU A	9126210016	1
1	GE3271- Engineering practices laboratory	SIVADHITHA S	9126210017	1
1	GE3271- Engineering practices laboratory	SIVAPRIYA R	9126210018	1
1	GE3271- Engineering practices laboratory	SUBHADHARINI S	9126210019	1
1	GE3271- Engineering practices laboratory	SUBIKHA S	9126210020	1
1	GE3271- Engineering practices laboratory	YINITHA S	9126210021	1
1	GE3271- Engineering practices laboratory	VISALAKSHI S	9126210022	1
1	GE3271- Engineering practices laboratory	YOKESHVARI S	9126210023	1
1	GE3271- Engineering practices laboratory	AKILA G	9126210024	1
1	GE3271- Engineering practices laboratory	GAYATHRI G	9126210025	1
1	GE3271- Engineering practices laboratory	JAYASRAJATHI R	9126210026	1
1	GE3271- Engineering practices laboratory	JAYA MANOHARI B	9126210027	1
1	GE3271- Engineering practices laboratory	PRYADHARSHINI A	9126210028	1
1	GE3271- Engineering practices laboratory	RASHA BAYUM	9126210029	1
1	GE3271- Engineering practices laboratory	SHERLIN KAYAR S	9126210030	1
1	GE3271- Engineering practices laboratory	AMRIN M	9126210031	1
1	GE3271- Engineering practices laboratory	BILYASWARI C	9126210032	1
1	GE3271- Engineering practices laboratory	CHINTANSHREE K A	9126210033	1
1	GE3271- Engineering practices laboratory	KALAVANIL R	9126210034	1
1	GE3271- Engineering practices laboratory	KAVITHA S	9126210035	1
1	GE3271- Engineering practices laboratory	KERTHANA V	9126210036	1
1	GE3271- Engineering practices laboratory	PATTHIRAJ P	9126210037	1
1	GE3271- Engineering practices laboratory	RAJESHWARI R	9126210038	1

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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 : 2021

S.No	Register Number	Name	BE3251	CS3251	CS3271	GE3251	GE3271	HS3251	MA3251	NCCXXX	PH3256
1	912621104001	ABINAYA K	31	31	55	30	50	30	30	92	31
2	912621104002	AMEERA N	38	34	56	35	54	36	37	90	37
3	912621104003	ANJUGAM C	34	30	53	36	56	31	31	85	32
4	912621104004	ARUNDATHI S	34	30	54	34	54	33	32	90	33
5	912621104005	ASHIKA B	31	32	53	34	54	32	32	86	32
6	912621104006	DIVYA T	31	30	51	31	51	30	30	82	31
7	912621104007	ELACKIYA G	35	34	57	34	53	34	32	95	35
8	912621104008	GAYATHRI K	32	30	53	32	56	32	31	86	32
9	912621104009	GEETHA M	35	33	55	34	51	33	32	87	33
10	912621104010	HARSHITHA P	37	37	58	38	57	36	38	92	39
11	912621104011	ISHWARYA S	35	31	55	34	53	35	36	89	36
12	912621104012	JANANI R	31	33	55	32	54	32	30	88	32
13	912621104013	KANDALAKSHMI A	35	30	56	33	53	33	32	86	33
14	912621104015	LAVANYA S	33	30	55	34	54	32	34	83	33
15	912621104016	MAHASREE P	31	33	53	32	53	31	30	85	33
16	912621104018	PRIYA M	35	34	57	33	56	32	30	89	35
17	912621104019	RABIKA R	32	31	52	33	55	32	30	83	32
18	912621104021	SAHEENA BEGAM A	38	35	58	36	57	36	37	92	39
19	912621104022	SASIPRIYA R	38	34	55	35	56	32	34	90	35
20	912621104023	SHAMIMA P	38	36	56	38	58	36	39	95	39
21	912621104024	SHEERA BANU A	32	30	55	32	53	31	31	93	32
22	912621104025	SIVAJOTHIKA S	34	33	57	36	57	32	32	95	34
23	912621104026	SIVAPRIYA R	33	32	54	33	53	31	31	90	33
24	912621104027	SUBHA DHARSHINI S	36	35	56	37	57	35	37	95	37
25	912621104028	SUBIKSHA S	31	30	51	32	54	32	31	82	32
26	912621104029	VINITHA K	31	30	51	31	53	31	30	80	30
27	912621104030	VISALATCHI S	34	30	52	32	54	33	32	89	34
28	912621104031	YOGESHWARI S	37	35	58	34	55	36	35	85	38


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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 : 2021

S.No	Register Number	Name	BE3252	BE3272	GE3251	GE3271	HS3251	MA3251	NCCXXX	PH3201
1	912621103001	AKILA G	35	58	33	57	34	33	90	35
2	912621103002	GAYATHRI G	31	57	31	55	31	30	89	32
3	912621103003	JAYABHARATHI R	37	56	35	56	34	34	92	37
4	912621103004	JAYA MANOHARI B	34	57	35	55	36	37	95	38
5	912621103005	PRIYADHARSHINI A	35	59	33	58	36	32	87	34
6	912621103006	RABIA BANU M	34	58	34	56	34	31	88	33
7	912621103007	SHERLIN KAVYA B	35	57	35	57	36	38	95	37


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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 : 2021

S.No	Register Number	Name	BE3254	EC3251	EC3271	GE3251	GE3271	HS3251	MA3251	NCCXXX	PH3254
1	912621106001	AMRIN M	33	34	55	32	56	34	33	90	35
2	912621106002	BHUVANESWARI C	31	30	57	30	55	31	30	85	31
3	912621106003	DHANYASHREE A	32	32	55	31	56	33	32	86	32
4	912621106004	KALAIVANI R	33	34	57	32	56	35	30	85	31
5	912621106005	KAVIYA K	33	35	57	37	55	36	31	91	34
6	912621106006	KEERTHANA V	34	37	58	34	56	35	32	89	35
7	912621106007	PAVITHRA P	31	34	54	31	56	33	31	92	36
8	912621106008	RAJESHWARI R	38	39	55	35	58	33	35	96	38
9	912621106009	SUBALAKSHMI M	30	33	58	31	55	32	30	90	32
10	912621106010	SUGUNA C	30	34	58	34	55	32	30	89	31


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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 : 2021

S.No	Register Number	Name	BE3255	EE3251	EE3271	GE3251	GE3271	HS3251	MA3251	NCCXXX	PH3202
1	912621105001	GOKULAPRAVEENA A	31	35	57	32	56	32	31	90	33
2	912621105002	RAFEEQA N	36	37	59	36	57	36	38	96	39
3	912621105004	SUMITHRA S	34	38	57	34	57	33	37	94	37



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