



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 – 4

Infrastructure and Learning Resources

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



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 4

Infrastructure and Learning Resources

100

Key Indicator – 4.1 Physical Facilities (30)

4.1.1. The institution has adequate infrastructure and other facilities for,

a. Teaching-learning, viz, classrooms, laboratories, computing equipment etc

b. ICT –enabled facilities such as smart class, LMS etc.

Facilities for cultural and sports activities, yoga centre, games (indoor and outdoor), gymnasium, auditorium etc. (20)

SUPPORTING DOCUMENTS



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4.1: PHYSICAL FACILITIES

4.1.1 The institution has adequate infrastructure and other facilities for,

- Teaching-learning, viz., classrooms, laboratories, computing equipment etc.
- ICT – enabled facilities such as smart class, LMS etc.

4.1.1: PHYSICAL FACILITIES

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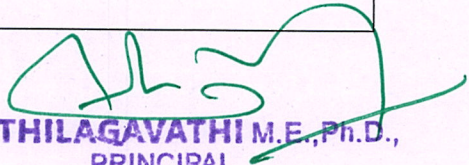
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4.1.1 The institution has adequate infrastructure and other facilities for,

- Teaching-learning, viz., classrooms, laboratories, computing equipment etc.
- ICT – enabled facilities such as smart class, LMS etc.

List of Infrastructure, Physical facilities and other facilities

S.NO	DESCRIPTION	TOTAL NO.OF HALLS	LOCATION
Teaching Learning Facilities			
1.	Lecture Hall & Tutorial Hall	18	Main Block
2.	Seminar Hall	02	
3.	Conference Hall	01	
4.	Drawing Hall	02	
Laboratory Details			
5.	Civil	07	Main Block, Civil Block
	CSE	05	Main Block
	ECE	06	Main Block
	EEE	06	Main Block, Workshop Block
	S&H	04	Main Block, Workshop Block
Faculty Halls			
6.	Civil Faculty Hall	01	Main Block
	CSE Faculty Hall	01	
	ECE Faculty Hall	01	
	EEE Faculty Hall	01	
	S&H Faculty Hall	01	
	Gents Faculty Hall	01	
Other Facilities			
7.	Administrative Office	01	Main Block
8.	Principal Office	01	
9.	Management Room	01	
10.	Account Section	01	
11.	Store Room	01	
12.	Counseling Room	01	
13.	Alumni Office	01	


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14.	Training and Placement Cell	01	
15.	Sports Room	01	Civil Block
16.	Canteen	01	Canteen Block
17.	Medical Room	01	Main Block
18.	Exam Cell	02	
19.	IQAC Cell	01	
20.	Library	01	
21.	Centralized Incubation Centre (Civil, CSE, ECE & EEE)	01	
22.	Power House	01	
23.	Fitness Center (Gym)	01	Civil Block
24.	Yoga Room	01	
Rest Room Facilities			
25.	Students Rest Room (Ladies)	63	Main Block
26.	Faculty Rest Room (Ladies)	12	
27.	Rest Room (Gents)	09	


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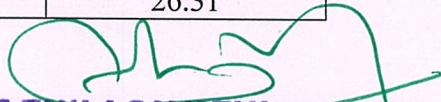
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4.1.1. List of class rooms, Auditorium, seminar halls, drawing halls and other facilities

MAIN BLOCK

S.NO	ROOM NUMBER	ROOM TYPE	CARPET AREA (in Sq.m)
GROUND FLOOR			
1.	1	Administrative Office	65.58
2.	1A	Conference Hall	88.81
3.	2	Exam Control Office	32.98
4.	2A	Rest Room	5.51
5.	3	Faculty Hall	20.74
6.	3A	Faculty Rest Room	5.51
7.	4	IQAC Cell	20.74
8.	4A	IQAC Cell Rest Room	5.51
9.	5	Principal Office	37.21
10.	5A	Principal Office Rest Room	5.8
11.	6	Lecture Hall	87.33
12.	7	Gents Rest Room	24.14
13.	8	Water and Waste Water Analysis Lab	94.7
14.	9	Chemistry Lab	137.49
15.	10	Lecture Hall	88.81
16.	11	Lecture Hall	88.81
17.	12	Electrical Maintenance	15.3
18.	13	House Keeping	10.58
19.	14	Medical Room	19
20.	15	Lecture Hall	88.81
21.	16	Seminar Hall	143.38
22.	17	Training and Placement Room	53.5
23.	18	Central Store	35.31
24.	19	Rest Room	24.14
25.	20	Lecture Hall	87.33
26.	21	S&H Faculty Hall	39.65
27.	21A	S&H Faculty Rest Room	8.7
28.	22	EEE Faculty Hall	31.28
29.	22A	EEE Faculty Rest Room	4.37
30.	S1	Security	10.36
FIRST FLOOR			
31.	23	Tutorial Room	66
32.	24	Gents Faculty Hall	26.31


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33.	24A	Gents Faculty Rest Room	5.43
34.	25	ECE Faculty Hall	50.02
35.	25A	ECE Faculty Rest Room	5.51
36.	26	Lecture Hall	87.33
37.	27	Rest Room	24.14
38.	28	Renewable Energy Systems Lab	75.97
39.	29	Physics Lab	156.22
40.	30	Lecture Hall	90.47
41.	31	Lecture Hall	90.47
42.	32	Counseling Room	28.22
43.	33	Language Lab	70.55
44.	34	Computer Lab-III	69.72
45.	35	Computer Lab-IV	69.72
46.	36	Computer Lab-I	161.57
47.	37	Computer Lab-II	70.62
48.	38	UPS Room	8.16
49.	39	Rest Room	24.14
50.	40	Control & Instrumentation Lab	87.33
51.	41	Power Electronic Lab	81.74
52.	42	Tutorial Room	66
SECOND FLOOR			
53.	43	Tutorial Room	81.74
54.	44	Lecture Hall	87.33
55.	45	Rest Room	24.14
56.	46	Advanced Communication Lab	77.04
57.	47	Circuits & Devices Lab	77.04
58.	48	Analog & Digital Circuits Lab	77.04
59.	49	VLSI & Embedded Lab	70.55
60.	50	Communication System Lab	70.55
61.	51	MP & MC Lab	70.55
62.	52	Drawing Hall I	209.99
63.	53	Seminar Hall-II	232.19
64.	54	Pantry for Staff	12.55
65.	55	Rest Room	24.14
66.	56	Lecture Hall	87.33
67.	57	CSE Faculty Hall	39.65
68.	57A	CSE Faculty Rest Room	5.89
69.	58	Civil Faculty Hall	31.85
70.	58A	Civil Faculty Rest Room	9.72
THIRD FLOOR			
71.	59	Lecture Hall	81.74
72.	60	Lecture Hall	87.33
73.	61	Rest Room	24.14
74.	62	Girls Common Room	75.97
75.	63	Drawing Hall-II	156.22
76.	64	Lecture Hall	91.3


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77.	65	Lecture Hall	89.64
78.	66	ECE HoD Cabin	28.22
79.	67	Civil HoD Cabin	30.72
80.	68	Library	411.47
81.	69	Rest Room	24.14
82.	70	Centralized Incubation Centre (Civil, CSE, ECE & EEE)	87.33
83.	71	Tutorial Room	51.24
84.	72	EEE HoD Cabin	30.05

CIVIL BLOCK

S.NO	ROOM NUMBER	ROOM TYPE	CARPET AREA (in Sq.m)
Ground Floor			
1.	CB5	Yoga Room	67.2
2.	CB6	Hydraulic Engineering Laboratory	230.49
3.	CB7	Soil Mechanics Laboratory	177.84
4.	CB8	Surveying Laboratory	78.44
5.	CB9	Strength of Material Laboratory	230.49
6.	CB10	Highway Engineering Laboratory	86.07
7.	CB11	Concrete Laboratory	158.55
First Floor			
8.	CB13	Sports Room	62.31
9.	CB14	Fitness Center (Gym)	71.76
10.	CB15	Auditorium	1101.23

WORKSHOP BLOCK

S.NO	ROOM NUMBER	ROOM TYPE	CARPET AREA (in Sq.m)
1.	WS1	Electrical Engineering Laboratory	95.59
2.	WS2	Electrical Machines Laboratory-I	202.5
3.	WS3	Electrical Machines Laboratory-II	150
4.	WS4	NSS, YRC & RRC Cell	78.44
5.	WS5	Engineering Practices Laboratory	78.44
6.	WS6	Faculty Hall	78.44
7.	WS7	Workshop	319.3


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CANTEEN BLOCK

S.NO	ROOM NUMBER	ROOM TYPE	CARPET AREA (in Sq.m)
1.	CA	Canteen	193.11

HOSTEL BLOCK

S.NO	ROOM NUMBER	ROOM TYPE	CARPET AREA (in Sq.m)
1.	GH	Girls Hostel	1160


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List of Laboratory details

CIVIL ENGINEERING

S.NO	DEGREE & COURSE	LABORATORY /WORKSHOP /STUDIO	NAME OF THE LABORATORY	AREA OF THE LABORATORY AVAILABLE (in Sq.m)
1.	B.E-Civil Engineering	Engg. & Tech. Laboratory	WATER AND WASTE WATER ANALYSIS LABORATORY	94.7
2.	B.E-Civil Engineering	Engg. & Tech. Laboratory	HYDRAULIC ENGINEERING LABORATORY	230.49
3.	B.E-Civil Engineering	Engg. & Tech. Laboratory	SURVEYING LABORATORY	78.44
4.	B.E-Civil Engineering	Engg. & Tech. Laboratory	SOIL MECHANICS LABORATORY	177.84
5.	B.E-Civil Engineering	Engg. & Tech. Laboratory	MATERIAL TESTING LABORATORY	230.49
6.	B.E-Civil Engineering	Engg. & Tech. Laboratory	HIGHWAY ENGINEERING LABORATORY	86.07
7.	B.E-Civil Engineering	Engg. & Tech. Laboratory	CONCRETE LABORATORY	158.55


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COMPUTER SCIENCE AND ENGINEERING

S.NO	DEGREE & COURSE	LABORATORY/ WORKSHOP/ STUDIO	NAME OF THE LABORATORY	AREA OF THE LABORATORY AVAILABLE (in Sq.m)
1.	B.E-Computer Science and Engineering	Engg. & Tech. Laboratory	COMPUTER LABORATORY-I	161.57
2.	B.E-Computer Science and Engineering	Engg. & Tech. Laboratory	COMPUTER LABORATORY-II	70.62
3.	B.E-Computer Science and Engineering	Engg. & Tech. Laboratory	COMPUTER LABORATORY-III	69.72
4.	B.E-Computer Science and Engineering	Engg. & Tech. Laboratory	COMPUTER LABORATORY-IV	69.72
5.	B.E-General Engineering	Engg. & Tech. Laboratory	LANGUAGE LABORATORY	70.55


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ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO	DEGREE & COURSE	LABORATORY /WORKSHOP/ STUDIO	NAME OF THE LABORATORY	AREA OF THE LABORATORY AVAILABLE (in Sq.m)
1.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	ANALOG AND DIGITAL CIRCUITS LABORATORY	77.04
2.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	ADVANCED COMMUNICATION LABORATORY	77.04
3.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	CIRCUITS & DEVICES LABORATORY	77.04
4.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	VLSI, DSP AND EMBEDDED LABORATORY	70.55
5.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	COMMUNICATION SYSTEM LABORATORY	70.55
6.	B.E- Electronics and Communication Engineering	Engg. & Tech. Laboratory	MICROPROCESSOR & MICROCONTROLLER LABORATORY	70.55


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ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO	DEGREE & COURSE	LABORATORY/ WORKSHOP/ STUDIO	NAME OF THE LABORATORY	AREA OF THE LABORATORY AVAILABLE (in Sq.m)
1.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	POWER ELECTRONICS LABORATORY	81.74
2.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	CONTROL & INSTRUMENTATION LABORATORY	87.33
3.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	ELECTRICAL MACHINES LABORATORY-I	202.5
4.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	ELECTRICAL MACHINES LABORATORY-II	150
5.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	RENEWABLE ENERGY SYSTEMS LABORATORY	75.97
6.	B.E-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	ELECTRICAL ENGINEERING LABORATORY	95.59



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GENERAL ENGINEERING

S.NO	DEGREE & COURSE	LABORATORY/ WORKSHOP/ STUDIO	NAME OF THE LABORATORY	AREA OF THE LABORATORY AVAILABLE (in Sq.m)
1.	B.E- General Engineering	Engg. & Tech. Laboratory	CHEMISTRY LABORATORY	137.5
2.	B.E- General Engineering	Engg. & Tech. Laboratory	PHYSICS LABORATORY	156.22
3.	B.E- General Engineering	Engg. & Tech. Laboratory	WORKSHOP	319.3
4.	B.E- General Engineering	Engg. & Tech. Laboratory	ENGINEERING PRACTICES LABORATORY	78.44


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