NAAC DOCUMENTS

Quality Indicator Frame Work

Criterion – 3

Research, Innovations and Extension

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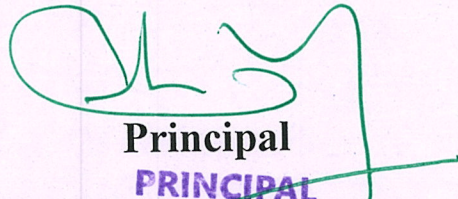**Kaikkurichi, Pudukkottai - 622 303.**

Date : ....

TO WHOMSOEVER IT MAY CONCERN

This is to certify that various departments of SBECW have signed MoUs with industries and the total number of MoUs signed for faculty exchange, student exchange, internship, field project, on-the-job training, research and other academic activities during the last five years are listed below.

Academic Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number of MoU with activities	13	15	02	05	09
Total Number of companies signed without repetition during renewal	32				

Principal

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

Criteria 3	Research, Innovations and Extension	110

Key Indicator - 3.5 Collaboration

3.5.1. Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field project, On-the- job training, research and other academic activities during the last five years

SUPPORTING DOCUMENTS

The supporting documents pertaining to this metric 3.5.1 exceeds 5 Mb data hence the supporting document was uploaded in the Institution website. Please click the below link to download the supporting document.

Particulars	Academic Year	Total No of MoUs
Number of MoUs with activities	2022-2023	13
	2021-2022	15
	2020-2021	02
	2019-2020	05
	2018-2019	09
Total Number of companies signed without repetition during renewal		**32**

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

3.5.1. Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
ACADEMIC YEAR 2022-2023							
1	Institute-Industry	Draft 360° Topo Planners & Engineering Surveyors, Flat No 1, First Floor, National Highway Road, Palur, Tiruchirappalli-621216	2022-2023	Value Added Course	3 years	Value Added Course-Advanced Surveying using Total Station	View
2	Institute-Industry	Thanvi Engineering Consortium, No.39, Nirmala Nagar, Pothupanithurai Nagar, Thanjavur, 613005	2022-2023	Seminar	3 years	Seminar- Building Design and Modelling	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
3	Institute-Industry	PMP Consultants, 25, Vivekanandhar Street, Woriyur, Tiruchirappalli - 620 003	2022-2023	Internship	3 years	Internship	View
4	Institute-Industry	Kamaal Construction, 24/4, Athippa Complex, Bharathidasan Street, Aranthangi-614616	2022-2023	Internship	3 years	Internship	View
5	Institute-Industry	TRM Construction, AIR Complex, Melavaladi, Lalgudi Main Road, Tiruchirappalli-621218	2022-2023	Seminar	3 years	Seminar on Concrete Repair and Structural Strengthening Techniques	View
6	Institute-Industry	Rooboo Tech India Private Limited, G2 Second Floor, Step Stone Prasanas Apartments, Gandhi Road, Ottiyambakkam, Chennai – 600 130	2022-2023	Workshop	3 years	Workshop on Teaching Methodologies using CHATGPT and AI Tools	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
7	Institute-Industry	Nimatooz Smile Mobility Pvt. Ltd., No.103, Agraharam Street Aranthangi -614 616.	2022-2023	On-the-job training	3 years	On Job training in Python	View
8	Institute-Industry	Hitakey Tech Solution Private Limited, Melachinthamani, Trichy - 2	2022-2023	On-the-job training	3 years	On job training in Web Scripting	View
9	Institute-Industry	MarZ Technologies, 93/3,Kathirvel Complex, Annamalai Chettiyar Street , Karaikudi, Tamil Nadu -630001	2022-2023	Seminar, Workshop	2 years	1.Seminar - Recent Challenges in Industrial IoT 2.Workshop-Recent Advances in Block chain Technology.	View
10	Institute-Industry	HiTech Electronics, No.12/A, 3rd Cross Vasanth Nagar Extn, Karumandapam, Trichy-620001	2022-2023	Hands on training	3 years	Hands on training - MATLAB Simulink for Image Processing Applications.	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
11	Institute-Industry	Witspire, No.09,3rd Floor, Chithra Complex, Chathiram Bus Stand, Trichy-620 002	2022-2023	Internship, Value added course	3 years	1.Internship 2.Value Added Course –Web Development Using Online Tools	View
12	Institute-Industry	Centre of Excellence in Manufacturing, National Institute of Technology, Tiruchirappalli.	2022-2023	Internship	3 years	Research Methodology Seminar - Recent Trends in Photonics and its Applications	View
13	Institute-Industry	PV Solar Power Tech, Pudukkottai	2022-2023	Internship	3 years	Internship	View
ACADEMIC YEAR 2021-2022							
14	Institute-Industry	MR Construction and Promotors, No.66/3, Abraham Pandithar Nagar, 5th Street, Thanjavur- 613001	2021-2022	Workshop	3 years	Workshop on Building Bye-Laws and Planning Regulations	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
15	Institute-Industry	Shabee Construction, KP Super Complex, TS No: 4128, South 3rd Street, Pudukkottai-622001	2021-2022	Value Added Course, Internship	3 years	1. Value Added Course-Construction Management Techniques 2. Internship	[View](#)
16	Institute-Industry	FarmwiseAI, Chennai.	2021-2022	On-the-job training	3 years	On job training in Web DESIGNING	[View](#)
17	Institute-Industry	Notus Soft Solutions, 2630, East Main Street, First Floor, Near Jos Allukas Jewellery, Pudukkottai - 622001	2021-2022	Value Added Course, Internship, Workshop	3 years	1. Value Added Course- Microsoft Proficiency 2. Internship on Machine Learning 3. Internship on Cyber Security 4. Internship on Block Chain Technologies To Develop Dapp Using Solidity Coding	[View](#)

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
18	Institute-Industry	Apple Computers Education, Sulaiman Plaza Complex, Town Pallivasal Street, Perambalur.	2021-2022	Workshop	3 years	Workshop on flipped classroom Teaching tools	[View](#)
19	Institute-Industry	Meck Teck Research Foundation 6/9 Kamarajapuram 17th street, 1st cross, Pudukkottai-622001	2021-2022	Value Added Course,	3 years	1. Value Added Course- IOT with python 2. Value Added Course- Prototype Development Using 3D printing Technology	[View](#)
20	Institute-Industry	E-Soft IT Solutions	2021-2022	Workshop, on-the-job training	3 years	1.Workshop on Applications of AI in Constructions 2. On job Training programme in JAVA	[View](#)

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
21	Institute-Industry	MARCELLO TECH, Trichy	2021-2022	Value Added course, Workshop, Internship,	2 years	1. Value Added Course – Fundamentals of MATLAB 2.Workshop –IoT Using MAT Lab 3. Internship	[View]
22	Institute-Industry	Indiguard Systems Pvt Ltd, No.3/365, West Street, Kollangarai, Nadur Post ,Thanjavur-614904	2021-2022	Seminar, FDP, Value Added Course,	3 years	1.Seminar-Embedded Systems For Energy Management 2. FDP-Cutting Edge Technologies In engineering and Research 3. Value Added Course – Fundamentals of Electronics using PCB Designing.	[View]

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
23	Institute-Industry	Galwin Technology, No.12A, Periyasamy Towers, III Floor, Chathiram Bus Stand, Tiruchirappalli– 620002	2021-2022	Internship, Seminar, Value Added Course	2 years	1.Internship-PCB Designing. 2.Seminar - Innovations in Recent Industrial Applications 3.Value Added Course –Real-time SensorData Processing with Python for IoT Applications 4.Value Added Course –Internet of Things with Python. 5. Value Added Course –Real-time sensorData Processing with Python for IoT Applications	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
						6. Workshop-Embedded Systems 7.Internship-Embedded Systems 8. Workshop-Research Challenges in Embedded system 9. Seminar-Research Guidances in Embedded Systems and its Applications	
24	Institute-Industry	PANTECH PROED Pvt Ltd, Trichy	2021-2022	Workshop	2 Years	Workshop – VLSI Design using Open Source EDA	View
25	Institute-Industry	Power Integrated Solutions, Trichy	2021-2022	Internship	3 years	Internship	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise	Link to the relevant document
26	Institute-Industry	Parisutham Institute of technology and sciences, Thanjavur.	2021-2022	FDP	3 years	FDP – Professional development programme on NAAC Accreditation	View
27	Institute-Industry	Stepup Controls, Chennai	2021-2022	Internship	3 years	Internship	View
28	Institute-Industry	SD Pro Solutions Pvt Ltd, No.64, 1st floor, Sri Krishna Complex, Opp to E.R Higher Sec. School, Chinthamani, Tiruchirappalli, Tamil Nadu-620002.	2021-2022	Value Added Course, Internship	3 years	1. Value Added Course- Energy auditing in domestic applications 2. Internship 3. Value Added Course- ESP8266Node MCU for IOT	View
ACADEMIC YEAR 2020-2021							

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
29	Institute-Industry	Fantasy Solutions, 16, Samnath Plazzas, Madurai Main Road, Melapudur, Trichy - 620001	2020-2021	Internship, Guest Lecture	3 years	1.Internship on Artificial Intelligence 2. Internship on Software Engineering 3. Internship on IOT 4. Internship on Cloud Computing 5. Guest Lecture on " AI coding Technique Using Python"	View
30	Institute-Industry	VI Microsystems Ltd, Chennai	2020-2021	Internship	Life time	Internship	View
ACADEMIC YEAR 2019-2020							
31	Institute-Industry	TRM Construction, AIR Complex, Melavaladi, Lalgudi Main Road, Tiruchirappalli-621218	2019-2020	Value Added Course	3 years	Value Added Course – Development & Application of Special Concrete	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
32	Institute-Industry	Kamaal Construction, 24/4, Athippa Complex, Bharathidasan Street, Aranthangi-614616	2019-2020	Value Added Course, Internship, Seminar	3 years	1. Internship 2. Value Added Course- Smart Materials and Measuring Techniques 3. Value Added Course-Construction Safety and Practices 4. Seminar on Advanced Techniques in Construction Project Management	[View](#)
33	Institute-Industry	PMP Consultants, 25, Vivekanandhar Street, Woriyur, Tiruchirappalli - 620 003	2019-2020	Value Added Course	3 years	Value Added Course-Soil Pollution and Restoration	[View](#)

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
34	Institute-Industry	Rooboo Tech India Private Limited, G2 Second Floor, Step Stone Prasanas Apartments, Gandhi Road, Ottiyambakkam, Chennai – 600 130	2019-2020	Value Added Course	3 years	1. Value Added Course -Rest API with flask and Python 2. Value Added Course- Machine Learning with Python	View
35	Institute-Industry	Spiderman Pvt.Ltd, No.17, Madhavaram, Chennai,-600060	2019-2020	Value Added Course	3 years	1.Value Added Course - Applications of CNC Machine in Electronics Industry 2. Value Added Course – Emerging Technologies of Bio Signal Processing in VLSI	View
ACADEMIC YEAR 2018-2019							

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
36	Institute-Industry	MR Construction and Promotors, No.66/3, Abraham Pandithar Nagar, 5th Street, Thanjavur- 613001	2018-2019	Value Added Course, Internship	3 years	1. Value Added Course- Earthquake Resistant Design of Foundation 2. Internship	View
37	Institute-Industry	Notus Soft Solutions, 2630, East Main Street, First Floor, Near Jos Allukas Jewellery, Pudukkottai	2018-2019	Value Added Course, Workshop	3 years	1. Value Added Course - Web Designing 2. One day workshop on Data Mining & Data Warehousing 3. Value Added Course- Deep learning Technique with its algorithm 4. Value Added Course- Foundations of Computing	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
38	Institute-Industry	Meck Teck Research Foundation 6/9 Kamarajapuram 17th street, 1st cross, Pudukkottai-622001	2018-2019	Value Added Course, Workshop	3 years	1. Value Added Course- Java Programming Using Hacker Rank 2. Value Added Course-Linux Operating System 3. workshop on Website creation	View
39	Institute-Industry	Apple Computers Education, Sulaiman Plaza Complex, Town Pallivasal Street, Perambalur.	2018-2019	Value Added Course	3 years	1. Value Added Course -Cloud Infrastructure and Services 2. Value Added Course -Web designing using HTML basics 3. Value Added Course- Photoshop for beginners	View

Sl. No.	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Purpose of the MoU/Linkage (internship, on-the-job training, project work, student / faculty exchange and collaborative research)	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web -links year-wise	Link to the relevant document
40	Institute-Industry	Galwin Technology, No.12A, Periyasamy Towers, III Floor, Chathiram Bus Stand, Tiruchirappalli– 620002	2018-2019	Value Added course, Internship	3 years	1.Value Added course-Diversity in Python Programming 2.Value Added course-PLC Programming 3.Internship-Internet of Things	View
41	Institute-Industry	INTERLOGICX Embedded Solutions, Pondicherry	2018-2 019	On Job Training	3 years	On Job Training	View
42	Institute-Industry	PV Solar Power Tech, Pudukkottai	2018-2019	Value Added Course	3 years	1. Value added course – Design, Operation, Control, Monitoring & Maintenance of Solar Panels	View

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43	Institute-Industry	Power Integrated Solutions, Trichy	2018-2019	Value Added Course	3 years	1. Value Added Course – Electrical control Design in Real Time Applications 2. Value Added Course – Energy Consumption Modelling in Electric Vehicles	View
44	Institute-Industry	Stepup Controls, Chennai	2017-2018	Value Added Course	3 years	1. Value Added Course –Basic Industrial Automation 2. Value Added Course- MATLAB-Basics and Programming in Electrical Engineering	View