



# 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](http://www.sbec.edu.in)

## NAAC - AQAR DOCUMENTS



Quality Indicator Frame Work

### Criterion – 6

**Governance, Leadership and Management**

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 6**

**Governance, Leadership and Management**

**100**

**REGULAR MEETING  
OF INTERNAL QUALITY  
ASSURANCE CELL (IQAC)**



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India



ACADEMIC YEAR  
2023-2024



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

**Kaikkurichi, Pudukkottai-622 303**

**ACADEMIC YEAR (2023-2024)/ EVEN SEMESTER**

## CIRCULAR FOR IQAC MEETING

Ref: SBECW/IQAC Meeting/2023-2024/ /02

Date :24.01.2024

The IQAC meeting for the academic year 2023-2024 was held on 25.01.2024 at 10.30AM in the IQAC room. The meeting started with welcome address by IQAC chairperson, Dr.S.Thilagavathi.

### Members:

Sl. No	Name of IQAC Member	Designation	Role
1.	Dr. S. Thilagavathy, M. E., Ph. D.,	Principal	Chairperson
2.	Dr. A. Vimala Ebenezer, M.E., Ph. D.,	Prof./Civil	Faculty from all levels
3.	Dr.K. Ambujam, M.E., Ph. D.,	Prof./ECE	
4.	Mr.T.Parthiban, M.E.,	AP/EEE	
5.	Mr.A.Krishnamoorthy	Executive Trustee	Management Representative
6.	Ms.R.Padmarani, M.E.,	AP/Civil	Senior Administrative officers
7.	Ms. G. Sugapriya, M.E.,	AP/CSE	
8.	Ms. K.A.Muthulakshmi, M.E.,	AP/EEE	
9.	Ms.S.Jayapratha, M.E.,	AP/CSE	
10.	Ms.M.Parveen Banu, M.E.,	AP/CSE	
11.	Ms. R. Saratha, M. Sc., M. Phil.,	AP/Physics	
12.	Mr.E.Venugopal	IEEE Member	Nominee from Local Society
13.	Ms. R.Roopina	2019-23 Batch CSE	Alumni
14.	Ms. R. Kavya	2020-24 Batch EEE	Student

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

**PRINCIPAL**

**SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN**

**Kaikkurichi - 622 303, Pudukkottai Dt.**

15.	Mr.NareinMuruganandam,	MP, G-Tech Solutions PVT Ltd	Employer
16.	Ms. V.Sumathi	Proprietor-Marcello Tech, Trichy	Industry
17.	Mr. R. Rajakumar,	F/o Ms. R. Kavya, 2020-24 Batch EEE	Stakeholder
18.	Dr. B. PrakashAyyappan, M.E., Ph. D.,	ASP/EEE	IQAC Coordinator

*B. PrakashAyyappan*  
24.1.24,  
IQAC Coordinator



*[Handwritten Signature]*  
PRINCIPAL  
24/01/24

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PUDUKKOTTAI DISTRICT

*[Handwritten Signature]*  
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## SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai-622 303

### IQAC MEETING MINUTES ON 25.01.2024

The IQAC meeting of upcoming semester was held on **25.01.2024** at **10.30AM** in the **IQAC room**. The following minutes were discussed in the meeting with members of IQAC.

#### PROCEEDINGS:

##### **Review of Previous Meeting Minutes:**

- The IQAC coordinator read the minutes from the previous semester's meeting.
- The activity conducted in the previous year was verified.
- Academic audit on course file and internal exam assessment were reviewed.
- Placement Officer updated the committee on placement activities and reviewed the list of placed students.

##### **Discussion about co-curricular and extra curricular activities:**

- Discussed the association activities of all departments and suggested to conduct more number of activities in future.
- Encouraged NSS, YRC, RRC, and WEC cells to organize more social awareness programs in the upcoming semester.
- The conference will be organized in this semester.

##### **Teaching and learning process:**


- The learning methods were discussed and implemented for the students.
- The suggestion was given to improve the cycle test results.
- An IQAC internal academic audit is scheduled to be conducted after the completion of internal assessment examination.

##### **MoU:**

- Industries pertaining to the department will be identified for MoU and also at least one MoU to be signed with industry for each department.

##### **R&D Activities:**

- Recommended to improve consultancy work for R&D development.
- All faculty members were recommended to publish large number of papers in national/international journals.
- Suggested to utilize the incubation center effectively

  
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### **Internship:**

- Students need to be motivated by the faculty member to apply in AICTE portal for internship and also utilize the semester holidays for internship.

### **Value Added Course:**

- Planned to conduct VAC to all students through various provisional resource persons.
- Students will be motivated to attend NPTEL, SWAYAM courses,.. etc.

### **The below value added courses were conducted in the odd semester.**

- Foundational Electronics & PCB Designing conducted by Indiguard Systems pvt Ltd - 40 EEE & ECE Students.
- Advanced Surveying using total Station conducted by DRAFT 360<sup>0</sup> Topo Planners & Engineering Surveyors.- 14 CIVIL students.
- Prototype Development Using 3D printing Technology conducted by Meck Tech Research Foundation-51 CSE Students.

### **Placement Activities:**

- It is planned to conduct Student support programs including soft skill, language & communication, life skill, ICT and career development to enhance their employability and personality skills.
- Intending to host on-campus interviews for graduated students.

### **Faculty development and training programmes:**

- All faculty members recommended to attend FDP, Conference, seminar and workshops to develop their technical skills in the latest technology.
- Asll Faculty Members are recommended to attend the NPTEL & SWAYAM courses every semester.
- Department of Computer Science and Engineering was conducted Five Day FDP on “Evolving Applications Of IoT:Theoretical and Practical approach” from 18.01.2024 to 23.01.2024.

### **Seminars Organized for Students:**

The following seminars are organized during the academic year 2023-2024 ODD semester.

- Department of CSE conducted Research Methodology Online seminar “Emerging challenges in Deep Learning using CNN Keras algorithms ”on 31.10.2023 for 101 students.

  
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- Department of ECE conducted Research Methodology seminar “**Research outlook in Embedded Systems.**” on 09.11.2023 for 58 students.
- Department of CIVIL conducted Research Methodology seminar “**Construction Safety Management**” on 31.10.2023 for 31 students.
- EDC Seminar “**Awareness about Entrepreneurship, Innovation and Importance of an E&I Cell**” was conducted on 26.09.2023 for 193 students.
- 
- Soft skills Training Program on “**Ethical decision making in engineering practice**” was conducted on 05.09.2023 for 195 students.
- Soft skills Training Program on “**Adaptability and resilience in Engineering Careers**” was conducted on 07.11.2023 for 189 students.
- ICT Skill Development Programme on “**Fundamentals of React.JS**” was conducted on 18.12.2023 for 218 students.
- Language and Communication Programme on “**Effect of Technology in Inter Cultural Communication**” was conducted on 02.01.2024 for 218 students.
- Career Guidance Programme “ **WAY FROM CAMPUS TO CORPORATE** ” was conducted on 18.10.2023 for 86 students.

**Other:**

- Encourage the students to increase the usage of library and E-learning materials.
- Research Methodology, IPR, and EDC programs are planned for all students in all departments.
- 58 students of ECE and 17 students from EEE accompanied by 4 staff members visited Sree Kaderi Ambal Mills Private Limited, Perattukkottai Village, Shanmuganthapuram in Karaikudi. on 31<sup>st</sup> October 2023.
- An industrial visit was arranged for I<sup>st</sup> Year students on 27<sup>th</sup> December 2023 to Anna Science Centre- Planetarium- Tiruchirapalli, Tamil Nadu.

  
IQAC COORDINATOR

  
PRINCIPAL



  
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Kaikkurichi, Pudukkottai-622 303

ACADEMIC YEAR (2023-2024)/ ODD SEMESTER

## CIRCULAR FOR IQAC MEETING

Ref: SBECW/IQAC Meeting/2023-2024/ /01

Date : 15.07.2023

The IQAC meeting for the academic year 2023-2024 was held on 17.07.2023 at 10.30AM in the IQAC room. The meeting started with welcome address by IQAC chairperson, Dr.S.Thilagavathi. She introduced the IQAC coordinator & other Members and also they were reassigned during this meeting.

### Members:

Sl. No	Name of IQAC Member	Designation	Role
1.	Dr. S. Thilagavathy, M. E., Ph. D.,	Principal	Chairperson
2.	Dr. A. Vimala Ebenezer, M.E., Ph. D.,	Prof./Civil	Faculty from all levels
3.	Dr.K. Ambujam, M.E., Ph. D.,	Prof./ECE	
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11.	Ms. R. Saratha, M. Sc., M. Phil.,	AP/Physics	
12.	Mr.E.Venugopal	IEEE Member	Nominee from Local Society
13.	Ms. R.Roopina	2019-23 Batch CSE	Alumni
14.	Ms. R. Kavya	2020-24 Batch EEE	Student

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15.	Mr.NareinMuruganandam,	MP, G-Tech Solutions PVT Ltd	Employer
16.	Ms. V.Sumathi	Proprietor-Marcello Tech, Trichy	Industry
17.	Mr. R. Rajakumar,	F/o Ms. R. Kavya, 2020-24 Batch EEE	Stakeholder
18.	Dr. B. PrakashAyyappan, M.E., Ph. D.,	ASP/EEE	IQAC Coordinator

*Dr. B. PrakashAyyappan*  
15.11.2023  
IQAC Coordinator

*[Signature]*  
PRINCIPAL  
10/11/23



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*[Signature]*  
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## SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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### IQAC MEETING MINUTES ON 17.07.2023

The IQAC meeting of upcoming semester was held on 17.07.2023 at 10.30AM in the IQAC room. The following minutes were discussed in the meeting with members of IQAC.

#### PROCEEDINGS:

##### **Review of Previous Meeting Minutes:**

- Previous semester meeting minutes and last year annual report was presented by IQAC coordinator.
- Academic activities conducted in the previous semester were verified.
- Academic audit on course file, log books and internal assessment were reviewed.
- The committee members checked the enrollment figure, scholarship and fee details for each department .
- Placement officer updated the committee on placement activities and reviewed the list of placed students.

##### **Discussion about co-curricular and extra curricular activities:**

- IQAC members appreciated the event organizer for conducting the sports day and annual day.
- Discussed the association activities of all departments and suggested to conduct more number of activities in future.
- Encouraged NSS,YRC,RRC and WEC cells to organize more social awareness programs in the upcoming semester.
- The conference will be organized in the even semester.

##### **Teaching and learning process:**

- The learning methods were discussed and implemented for the students.
- The suggestion was given to improve the cycle test results.
- An IQAC internal academic audit is scheduled to be conducted after the completion of internal assessment examination.

##### **MoU:**

- Industries pertaining to the department will be identified for MoU and also at least one MoU to be signed with industry for each department.

  
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### **R&D Activities:**

- Recommended to improve consultancy work for R&D development.
- All faculty members were recommended to publish large number of papers in national/international journals.
- Suggested to utilize the incubation center effectively.

### **Internship:**

- Students need to be motivated by the faculty member to apply in AICTE portal for internship and also utilize the semester holidays for internship.

### **Value Added Course:**

- Planned to conduct VAC to all students through various provisional resource persons.
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- It is planned to conduct Student support programs including soft skill, language & communication, life skill, ICT and career development to enhance their employability and personality skills.
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### **Faculty development and training programmes:**


- All faculty members recommended to attend FDP, Conference, seminar and workshops to develop their technical skills in the latest technology.
- All Faculty Members are recommended to attend the NPTEL & SWAYAM courses every semester.

### **Other:**

- Encourage the students to increase the usage of library and E-learning materials.
- Research Methodology, IPR, and EDC programs are planned for all students in all departments.

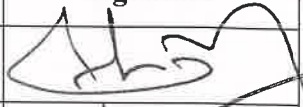

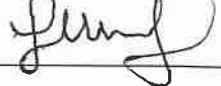
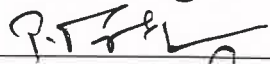


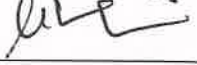
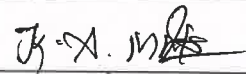
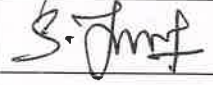

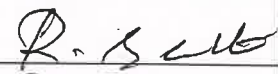


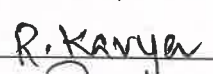

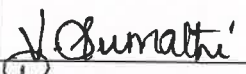


  
**IQAC COORDINATOR**  


  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
**PRINCIPAL**  
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**PRINCIPAL**  
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**KAIKKURCHI - 622 303.**



## ATTENDANCE SHEET-2023-2024(ODD)

Sl. No	Name of IQAC Member	Designation	Signature
1.	Dr. S. Thilagavathy, M. E., Ph. D.,	Principal	
2.	Dr. A. Vimala Ebenezer, M.E., Ph. D.,	Prof./Civil	
3.	Dr.K. Ambujam, M.E., Ph. D.,	Prof./ECE	
4.	Mr.T.Parthiban, M.E.,	AP/EEE	
5.	Mr.A.Krishnamoorthy	Executive Trustee	
6.	Ms.R.Padmarani, M.E.,	AP/Civil	
7.	Ms. G. Sugapriya, M.E.,	AP/CSE	
8.	Ms. K.A.Muthulakshmi, M.E.,	AP/EEE	
9.	Ms.S.Jayapratha, M.E.,	AP/CSE	
10.	Ms.M.ParveenBanu, M.E.,	AP/CSE	
11.	Ms. R. Saratha, M. Sc., M. Phil.,	AP/Physics	
12.	Mr.E.Venugopal	IEEE Member	
13.	Ms. R.Roopina	2019-23 Batch CSE	
14.	Ms. R. Kavya	2020-24 Batch EEE	
15.	Mr.NareinMuruganandam,	MP, G-Tech Solutions PVT Ltd	
16.	Ms. V.Sumathi	Proprietor-Marcello Tech, Trichy	
17.	Mr. R. Rajakumar,	F/o Ms. R. Kavya, 2020-24 Batch EEE	
18.	Dr. B. PrakashAyyappan, M.E., Ph. D.,	ASP/EEE	

  
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6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities.

Response:

- The Internal Quality Assurance Cell (IQAC) monitors the recruitment process of faculty members to ensure the institution attracts and retains qualified professionals. It supervises the development and enhancement of infrastructure to adequately meet the demands of newly introduced courses.
- The institution systematically reviews its teaching-learning processes, operational structures, and methodologies through IQAC by regular evaluations and feedback mechanisms from students, faculty, alumni, and industry experts to analyze performance metrics and ensuring the continuous academic improvements.
- IQAC fosters the adoption of innovative teaching methodologies, such as ICT-enabled teaching and active learning techniques through smart class rooms.
- The IQAC conducts internal audits and academic reviews to identify strengths, weaknesses, opportunities, and Challenges (SWOC analysis) in the teaching-learning processes. Based on the reviews, the IQAC recommends actionable strategies to enhance academics of rural women students.

#### **Contributions and Initiatives by IQAC:**

- Established a dedicated Career Corner in the library with resources for competitive examinations and a curated collection of current preparation books.
- Displayed job opportunities related to various fields of study on departmental notice boards.
- Organized various activities focused on personality development and confidence building.
- In addition to providing textbooks for all courses, faculty prepared and distributed comprehensive study materials for every subject.

## 6.5 Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

### Response:

- IQAC continues to ensure various quality assurance measures at all levels of the organization operating as mentioned below.
  - Implementation of Outcome-Based Education (OBE) in the Teaching-Learning Process.
  - Establishment and Operation of the Institute Innovation Council (IIC).
  - Integration and Utilization of ICT Tools for Education.
  - Collaborations and Partnerships with Industries.
  - Enhancement of Learning Resources.
  - Focus on Research Publications and Patents.
- The SBECW established its Internal Quality Assurance Cell (IQAC) in 2017, which is aligned with NAAC directives. The IQAC Coordinator is responsible for ensuring adherence to institution policies.
- SBECW's IQAC focuses on improving the institution's quality and observing performance indicators. It helps in gathering feedback from internal and external stakeholders, contributes to educational and managerial improvements within the organization.
- IQAC improves organizational performance through strategic implementation. It offers suggestions for refining the teaching and learning process, guest lectures, video lectures, experiential learning, problem-based learning, participative learning, creative thinking, seminars and innovative methods like ICT tools and PowerPoint presentations. IQAC conducts academic and administrative audits periodically to verify all the documents.
- IQAC encourages various committees and cells including NSS, YRC, RRC and the alumni association to organize many awareness camps, extension projects, and service-oriented activities.
- Responsible for collecting, analyzing and interpreting data, IQAC assesses various aspects of the institution, including student performance, faculty productivity, research output and utilization of resources.
- Engaging with stakeholders including industry representatives, alumni and the community, IQAC ensures that the institute meets their expectations and effectively serves their needs.