



# **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

**ACADEMIC YEAR**  
**2019-2020**



## SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai-622 303

### IQAC ANNUAL REPORT FOR ACADEMIC YEAR 2019-2020

An Annual Report of IQAC is prepared based on the academic activities in the institution for the academic year 2019-2020. IQAC sessions are held regularly, and the recommendations provided by members are documented in the meeting minutes.

#### **NEW INITIATIVES:**

- MoU have been signed with total number of 5 companies including Spiderman Pvt Ltd, Rooboo Tech India Private Limited, TRM construction, Kamaal Constructions and PMP Consultants.

#### **UNIVERSITY RESULTS:**

- Around 59.5% (44 Graduates/74 Appeared) of graduation in the academic year 2019-2020.

#### **RESEARCH AND DEVELOPMENT ACTIVITIES:**

- A total of 2.7975 lakhs was received towards endowment in the form of consultancy activities from various organizations.
- Our College sponsored financial assistance of Rs.36,200/- for 46 faculty members attending various activities like FDP, Seminars, Workshop and conferences.
- 45 Alumni's attended the Alumni meet conducted on 03.12.2022 at SBECW Campus.
- Mr.J.Sathyaraj, AP/ECE published in the journal titled 'The impact of advanced technological developments on solar PV value chain - material proceedings', Materials Today: Proceedings, ISSN number 2214-7853.
- 157 papers were published in the conference proceedings from various departments on various topics.
- 48 faculty members participated in FDP, seminars and workshops organized by reputed institutions from various departments.

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

PRINCIPAL

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## VALUE ADDED COURSE ORGANIZED:

### ODD SEMESTER:

- Web Designing and Development conducted by Notus Soft Solutions -87 CSE&IT Students.
- Corrosion of RC structures conducted by TRM Constructions - 27 CIVIL Students.
- PCB Manufacturing and Designing of basic Circuits conducted by Galwin Technology -46 ECE Students.
- Electrical Control Design In Real Time Applications conducted by Power Integrated Solutions PVT LTD-28 EEE Students.
- Discover creativity for engineer conducted by Interlogicx Embedded Solutions - I Year 52 Students.

### EVEN SEMESTER:

- Java Programming Using Hacker Rank conducted by Meck Teck Research Foundation - 84 CSE&IT Students.
- Soil pollution and Restoration conducted by PMP Consultant – 27 CIVIL Students.
- Learning Arduino Platform and its Uses conducted by Galwin Technology - 46 ECE Students.
- Designing, Operation, Control, Monitoring & Maintenance Of Solar Panels conducted by PV Solar Power Tech - 28 EEE Students.
- Photoshop for beginners conducted by Apple Computers and Education - I Year 52 Students.

## SEMINARS ORGANIZED FOR STUDENTS:

The following seminars are organized during the academic year 2019-2020 ODD semester.

- Department of CIVIL conducted Research Methodology Seminar on 'Application of Image Processing in Remote Sensing' on 28.09.2019 for 25 students.
- Department of CSE conducted seminar Seminar on 'IOT-Let's exploit and explore: Research Aspects' on 26.10.2019 for 80 students.
- IPR Seminar 'IPR Strategies for Research and Development' was conducted on 05.11.2019 for 50 students.

  
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- EDC Seminar '**Women in DataScience: Leveraging Big Data for Entrepreneurial Success**' was conducted on 19.08.2019 for 61 students.

**The following seminars are organized during the academic year 2019-2020 EVEN semester.**

- Department of CIVIL conducted Research Methodology seminar '**Research Methodology Seminar on Integrated Water Resources Management**' on 17.02.2020 for 26 students.
- Department of ECE conducted seminar '**Micro Electronics and VLSI Design**' on 14.03.2020 for 44 students.
- Department of EEE conducted seminar '**Research on energy audit from the perspective of environmental protection**' on 13.01.2020 for 27 students.
- EDC Seminar '**The Future of EdTech: Women Entrepreneurs Revolutionizing Education**' was conducted on 02.03.2020 for 65 students.

### **TRAINING PROGRAMMES FOR STUDENTS:**

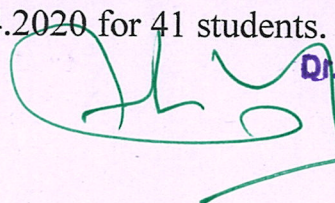
The Soft Skill, language and communication, life skill and ICT programs were conducted for our students by using provisional resource person and also alumni students.

### **ODD SEMESTER:**

- Soft skills Training Program on "**Enhancing Soft Skills for Success and Professional Excellence**" was conducted on 19.10.2019 for 51 students.
- Life Skill Program on "**Physical and mental health**" was conducted on 24.09.2019 for 231 students.

### **EVEN SEMESTER:**

- Soft skills Training Program on "**Conflict Resolution Skills**" was conducted on 10.02.2020 for 179 students.
- Life Skill Program on "**Corona Virus**" was conducted on 12.03.2020 for 205 students.
- Language and Training Programme on "**Communication Training**" was conducted on 14.02.2020 for 97 students.
- Language and Training Programme on "**Language for Everyday Life**" was conducted on 16.04.2020 for 41 students.

  
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- ICT Skill Development Programme on “**Online seminar on Introduction to Collaborative tools for online teaching and learning**” was conducted on 11.02.2020 for 80 students.

#### **FDP/CONFERENCE ORGANISED:**

- The National conference “**Applications of Engineering, Technology and Science (Ncaets-2020)**” were organized on 21.02.2020.
- Department of EEE was conducted Two Day PDP on “Importance and Significance of outcome based Education (OBE) for Educational Institution” from 10.01.2020 to 11.01.2020 for faculty members.
- Department of CIVIL was conducted One day Professional Development programme on “Enhancing Teaching skills and Learning methodology” on 14.12.2019.

#### **STUDENT ACTIVITIES:**

- Our students attended Symposium, workshops and seminars in various engineering colleges.

#### **STUDENTS ACHIEVEMENTS:**

- Ms.C.Meera final year CSE **won the second prize** in the paper presentation at Mount Zion College of Engineering and Technology on 06.03.2020.
- Ms.S.Abirami and M.Priyadharshini of final year CSE **won the first prize** at ACCET, Karaikkudi on 25.02.2019.
- Ms.G.Lakshmi of final year CSE **won the third prize** at Mother Theresa College of Engineering and Technology on 26.02.2019.
- M.Pirainuzhal Selvi, IV Year CSE got First Prize in the Speech Competition in state level competition conducted by Makkal Sinthanai Peravai, Erode on 12.08.2019.
- S.Keerthana, IV Year/ CSE got Third Prize in the Elocution of Song Competition in state level competition conducted by Murasoli Trust on 16.09.2019.

  
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## **STUDENTS ATTENDED INTERNSHIP/INDUSTRIAL VISIT:**

### **Industrial Visit:**

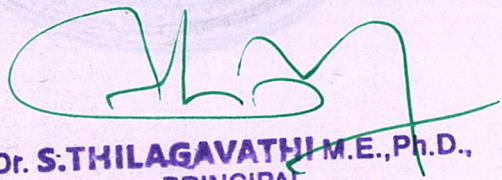
- 46 students of ECE and 28 students from EEE accompanied by 4 staff members visited Adani Green Energy, Kamuthi, Ramanathapuram on 15<sup>th</sup> February 2020.
- Fifty students went on a field visit to Neft Soft Technologies, Kochin and Kerala engaged in the field of “Product Development, IT sector and Training”.

### **Internship:**

- All department students were participated in internship/inplant training in various industries such as BHEL, Galwin technology, BSNL, E-soft IT Solutions ,...etc.

### **NSS/YRC & RRC ACTIVITIES:**

- Blood donation –An awareness Rally (18-07-19), Breast cancer Signs and symptoms - An Awareness programme (05-12-19), An awareness rally for “The Elimination of Violence Against Women” (27.12.19), Global Warming Awareness programme , Deivanai Ramasamy H r.Sec.School (07.03.20), Tree Plantation Programme on Poovarasakkudi Govt Elementary School (20.12.19) & Awareness on using Mask and Hand sanitizer (05.03.20) totally 6 programmes were conducted through NSS.
- Tree Saplings Plantation (09-08-19), Enriching computer knowledge to school students. (30-09-19), Awareness rally about deforestation (01-10-19) & Corona Virus awareness Campaign (29-02-20) totally 4 programmes were conducted by YRC.
- Raising Awareness about the importance of Electrical Safety (21-08-19), Rally on importance of organ donation (11-02-20), Donation to Sivanandha Gurugulam (19-10-19), Save Water Save Nation – A gathering (05-03-20) & International white Cane day contribution for Visually challenged students education (06-08-19) total number of 5 programmes were organized through RRC.

  
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## LIBRARY:

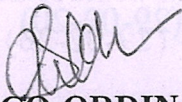
- Our library has official membership with DELNET facility.
- The library has more than 12,802 volumes of books related to various fields of engineering and science and humanities.
- Programme on “Be the Change You Want to see in the World” was organized on 12.08.2019 in connection with ‘National Librarian’s day’.
- The library has a separate periodical section and has a total of 18 journals including 10 national and international journals and a large number of e-journals.

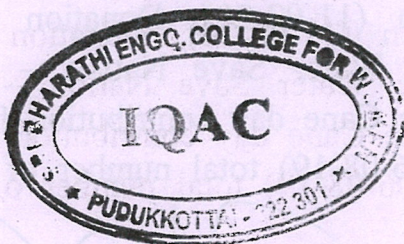
## CAREER GUIDANCE:

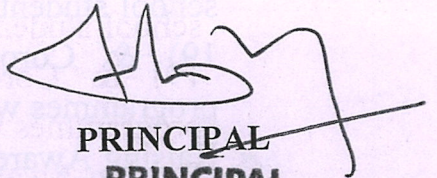
- Career Guidance Programme ‘Focus on your Career path’ was conducted on 12.09.2019 for 135 students.

## PLACEMENT:

- In the academic year 2018-2019, 42 students were placed in leading companies such as **Manora Builders, N.Elavarasu Contractor, Greentech Structural Constructions, Venkateswara Polytechnic College, Flextronics Technologies (India) Private Limited, Flowget Solutions Private Limited, Indusind Bank, Prime Focus Private Limited & Armada Industrial Automation** and 2 students had gone for higher studies.
- Our College achieved **100% (44 Placed/44 Graduates)** placement in the academic year 2018-2019.

  
IQAC CO-ORDINATOR



  
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