



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
2020-2021



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai-622 303

IQAC ANNUAL REPORT FOR ACADEMIC YEAR 2020-2021

An Annual Report of IQAC is prepared based on the academic activities in the institution for the academic year 2020-2021. 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 2 companies including Fantasy Solutions & VI Microsystems Ltd.

UNIVERSITY RESULTS:

- Around 97.05% (66 Graduates/68 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 fund Rs.13,000/- for 43 faculty members attending various activities like FDP, Seminars, Workshop and conferences.
- Mrs.R.Yogeshwari, AP/ECE published in the journal titled 'Artificial Vision Aid For Blind People Using Optical Character Recognition', Journal of Information And Computational Science, ISSN number 1548-7741.
- Ms.K.A.Muthulakshmi, AP/ECE published in the journal titled 'Phase Measurement Technique for Synchronous Devices in FPGA Using XOR Gates', International Journal of Electronic Devices and Networking (National Conference on Signal Processing, Communication & Networking-2021), ISSN number 2708-4477.
- Ms.K.A.Muthulakshmi, AP/ECE published in the journal titled 'Implementation of An Efficient Multiplier Using Dadda Algorithm', Journal of Information And Computational Science, ISSN number 1548-7741.


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

PRINCIPAL -

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurichi - 622 303, Pudukkottai Dt.

- Mr.C.Palaniappan, AP/ECE published in the journal titled 'Implementation of Arithmetic Logic Subsystem in a Sliced Processor', Annals of the Romanian Society for Cell Biology, ISSN number 1583-6258.
- Mrs.V.Nithya Poorani, AP/ECE published in the journal titled 'IOT based Robust Method for Smart Industry Pollution Monitoring and Controlling System', Journal of Information And Computational Science, ISSN number 2455-3778.
- Mrs.R.Padma Rani, AP/CSE, published in the journal titled 'Numerical simulation on Reinforced Concrete Beam With Different Cover Size Under Two Point Bending Load', International Journal for Modern Trends in Science and Technology, ISSN number 2455-3778.
- Ms.P.Subha, AP/CSE published in the journal titled 'Secure Electronic Health Record Sharing With Sensitive Base Access Control', International Journal of Advanced Research in Computer and Communication Engineering, ISSN number 2319-5940.
- Ms.G.Bhuvaneshwari, AP/CSE published in the journal titled 'IOT Enabled Smart Voting System using Face Biometric Features', Journal of Information and Computational Science, ISSN number 1548-7741.
- Ms.G.Bhuvaneshwari, AP/CSE published in the journal titled 'Bus Pass Registration and Renewal System', Journal of Information and Computational Science, ISSN number 1548-7741.
- Ms.G.Sugapriya, AP/CSE published in the journal titled 'Face Biometrics by Own Password in Online Social Networks', Journal of Information and Computational Science, ISSN number 1548-7741.
- Ms.S.Jayapatha, AP/CSE published in the journal titled 'An efficient encrypted medical data storage using two clouds with duplicate data generation techniques', International Journal of Advanced Research in Computer and Communication Engineering, ISSN number 2319-5940.
- Mrs.G.Sasikala, AP/CSE published in the journal titled 'Deep Learning Techniques for Crop Photosynthetic from Leaf Image', Journal of Information and Computational Science, ISSN number 1548-7741.
- Mrs.G.Sasikala, AP/CSE published in the journal titled 'Gene Based Disease Prediction using Semi-Supervised Learning', Journal of Information and Computational Science, ISSN number 1548-7741.
- Ms.K.Priyanka, AP/CSE published in the journal titled 'Android Based Efficient Road Safety Measures and Driver Behaviour Monitoring


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

PRINCIPAL

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kaikkurchi - 622 303, Pudukkottai Dt.

System', International Journal of Advanced Research in Computer and Communication Engineering, ISSN number 2319-5940.

- Mr.J.Sathyaraj, AP/CSE published in the journal titled 'Time based costing of energy storage system with optimal scheduling and dispatch under demand', Materials Today : Proceedings, ISSN number 2214-7853.
- Mrs.S.Susila Devi, AP/CSE published in the journal titled 'Integration of 3D MEMS Accelerometer Sensor', Annals of the Romanian Society for Cell Biology, ISSN number 1583-6258.
- Mr.S.Udhayanan, AP/CSE published in the journal titled 'A Graphical User Interface Based Heart Rate Monitoring Process and Detection of PQRST Peaks from ECG Signal', Springer, ISSN number 2193-1801.
- 83 papers were published in the conference proceedings from various departments on various topics.
- 35 faculty members participated in FDP, seminars and workshops organized by reputed institutions from various departments.

VALUE ADDED COURSE ORGANIZED:

ODD SEMESTER:

- Rest Api With Flask And Python – 78 CSE&IT Students.
- Smart Materials and Measuring Techniques conducted by Kamaal Constructions - 27 CIVIL Students.
- Applications of CNC Machine in Electronics Industry conducted by Spiderman PVC Private Limited -40 ECE Students.
- Energy Consumption Modeling In Electric Vehicle conducted by Power Integrated Solutions PVT LTD - 27 EEE Students.
- Linux operating system conducted by MECK TECK Research Foundation- I Year 36 Students.

EVEN SEMESTER:

- Deep Learning Technique With Its Algorithms conducted by NOTUS soft solutions - 78 CSE&IT Students.
- Construction Management Techniques conducted by Shabee Constructions -27 CIVIL Students.
- Emerging Technologies of Bio Signal Processing in VLSI conducted by Spiderman PVC Private Limited -40 ECE Students.
- Matlab-Basics and Programming in Electrical Engineering conducted by Stepup Controls - 27 EEE Students.


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

PRINCIPAL

**SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN**

Kaikkurchi - 622 303, Pudukkottai

JL

- Let's speak in English for engaging professional skills conducted by Department of English- I Year-35 Students.

SEMINARS ORGANIZED FOR STUDENTS:

The following seminars are organized during the academic year 2020-2021 ODD semester.

- IPR Seminar '**International Perspectives on IPR**' was conducted on 09.10.2020 for 133 students.
- EDC Seminar '**Women in Manufacturing: Breaking Stereotypes, Building Success**' was conducted on 15.09.2020 for 58 students.

The following seminars are organized during the academic year 2022-2023 EVEN semester.

- Department of CIVIL conducted Online Research Methodology Seminar on '**Green Construction for Sustainable Development**' on 24.04.2021 for 26 students.
- Department of CSE conducted seminar '**Servlet Programming using JSP.**' on 30.04.2021 for 72 students.
- Department of ECE conducted seminar '**Deep Learning and its Applications**' on 30.04.2021 for 40 students.
- IPR Seminar '**Exploring Challenges and Opportunities in IPR**' was conducted on 03.02.2021 for 149 students.
- IPR Seminar '**Essential Insights into IPR**' was conducted on 26.04.2021 for 31 students.
- EDC Seminar '**Strategies for Overcoming Gender Bias in Tech Entrepreneurship**' was conducted on 25.03.2021 for 53 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 "**Mastering in Multitasking**" was conducted on 10.12.2020 for 36 students.
- Life Skill Program on "**The use of Hand sanitizer and face mask**" was conducted on 07.12.2020 for 193 students.
- Language and Training Programme on "**Mastering the art of Communication**" was conducted on 09.10.2020 for 90 students.

EVEN SEMESTER:

- Soft skills Training Program on "**Stress Management**" was conducted on 19.02.2021 for 154 students.
- Language and Training Programme on "**The Power of Words**" was conducted on 05.05.2021 for 28 students.

- ICT Skill Development Programme on “**Simulation PHP and MySQL: Database Connectivity and Data Manipulation**” was conducted on 07.05.2021 for 74 students.

WORKSHOP ORGANIZED:

EVEN SEMESTER:

- Department of EEE conducted Workshop ‘**Emerging Trends in Power Generation and Electrical Safety**’ on 24.04.2021 for 26 students.
- IPR Workshop ‘**Intellectual Property Rights**’ was conducted on 26.04.2023 for 128 students.

FDP/CONFERENCE ORGANISED:

- The National conference “**Recent Trends in Engineering Science and Innovative Technologies (NCRTEIT-2021)**” were organized on 05.02.2021.
- Department of CSE was conducted Five Day Online FDP on “**Applications of IOT in Research and Engineering**” from 15.06.2021 to 19.06.2021 for faculty members.

STUDENT ACTIVITIES:

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

STUDENTS ACHIEVEMENTS:

- R.Jaffar Nisha, II Year/ ECE got Third Prize in the Drawing Competition in International Level conducted by Yavarum Kelir Thiran Valar Sangam on 21.02.2021.
- K.Sushmeena, III Year/ CSE got Third Prize in the Speech Competition in International Level conducted by Yavarum Kelir Thiran Valar Sangam on 18.04.2021.
- D.Sivagami, II Year/ CSE got Third Prize in the Essay Writing Competition in state level competition conducted by Nadar saraswathi College of Engineering & Technology held on 15.07.2021.
- R.Keerthana, II Year/ CSE got Third Prize in the Essay Writing Competition in National Level by Dr.APJ Abdulkalam Foundation on 27.07.2021.

STUDENTS ATTENDED INTERNSHIP/INDUSTRIAL VISIT:

Internship:

- All department students were participated in internship/ inplant training in various industries such as VI Microsystem pvt ltd, TNEB, BSNL, Shabee Constructions, Galwin Technology, Fantasy Solutions etc.

NSS/YRC & RRC ACTIVITIES:


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai, Dt.

- Awareness on wearing mask and mask distribution (03-05-21), Awareness on Traditional Medicine–(Nilavembu) (22-05-21) totally 2 programmes were conducted by NSS & RRC.

LIBRARY:

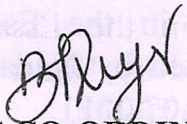
- The library has more than 13,047 volumes of books related to various fields of engineering and science and humanities.
- Our library has official membership with DELNET facility.

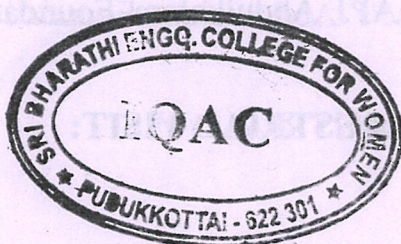
CAREER GUIDANCE:

- Career Guidance Programme ‘**Skill Enhancement and Career Development**’ was conducted on 11.03.2021 for 160 students.

PLACEMENT:

- In the academic year 2019-2020, 66 students were placed in leading companies such as **HCL Technologies, Greentech structural constructions, N.Elavarasu Contractor, Zencorp Techno Solutions, FOXCONN, Valeo India pvt ltd, CTTI, Hyundai Glovis pvt ltd, Ujjivan small finance Bank, IJL, CTS india pvt ltd, EMRIGREEN health services & Armada Industrial Automation.**
- Our College achieved **100% (66 Placed/66 Graduates) placement in the academic year 2019-2020.**


IQAC CO-ORDINATOR




PRINCIPAL

PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURCHI - 622 303,
PUDUKKOTTAI DISTRICT


Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.