

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Kaikkurichi, Pudukkottai- 622 303

ANNUAL REPORT 2020 -21



20th AUGUST 2021



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ANNUAL REPORT FOR THE ACADEMIC YEAR 2020 -21

Honorable Chief Guest, Respected Chairman, Esteemed Secretary, Members of the Board, Dear Colleagues, My dear students Parents, Media persons, ladies and Gentlemen.

It is my privilege to present the annual report for the academic year 2020-21 in this annual day function to project the activities of this year.

OVERVIEW

Right from the period of known civilization, life on earth is a cluster of humanity, especially men and women. Men went for hunting. Women and children were only to support men for their day to day livelihood and they lived under the strict supervision of men. Even when there is an improvement in culture, the right to go out, the right to speak, the right to take decision by women is all severely controlled. The human rights are denied. Their existence and their hardships are not brought to surface.

As far as India is concerned, the freedom of women is slowly and strongly built along with the freedom struggle for India. Higher education and decent life is mostly achieved only by the urban women. But in rural areas, till now, the condition of rural women is found to be very backward. The primary thing to bring the rural women, out of the submerged condition is education. This context paved the way for the inception of Sri Bharathi Engineering College for Women besides Sri Bharathi Arts and Science College, Women's Polytechnic, B.Ed., College and Teacher Training Colleges. This is the first Engineering College started only for women in Pudukkottai District. This college was seeded by Sri Bharathi

Educational Trust in the year 2009 with five/four B.E/B.Tech courses to inculcate quality education for the rural women and now it has attained full growth and is prepared to produce the seventh batch of outgoing students.

INVESTMENT DETAILS

The investment made for infrastructure development and laboratory expenditure for the academic year 2020-21 is furnished below.

1. Infrastructure	- Rs.3,33,325
2. Laboratory Facilities	- Rs.1,13,048
3. Other Expenditures	- Rs.25,000

The total investment made for this academic year- Rs.4,71,373

LIBRARY

Our College has a good library to the benefit of students and faculty. All the books can be accessed through “Modern Lib” software package which is an integral multiuser management system. Bar code technology is adopted in the library and is equipped with bar code scanner, reader and Internet.

Text books, reference books, journals etc are purchased regularly and during this academic year 100 copies of books with 100 titles were purchased with an investment of Rs.21902 /- and till date 13057 copies of books with 5802 titles are available.

Our library also subscribes E-Journals through DELNET and the subscription fee is Rs.13,570/-per annum.

The total investment to the library during this academic year for the purchase of books and journals is Rs.35,472 /-

Academics

Faculty recruitment

The recruitment details of the faculty during the odd and even semesters of the current academic year are given below.

1. Electrical and Electronics Engineering Department:

Two teaching staffs were recruited during the academic year 2020-21.

2. Electronics and Communication Engineering Department:

One teaching staff and one non teaching staff were recruited during the academic year 2020-21.

3. Civil Engineering Department:

One teaching staff was recruited during the academic year 2020-21.

4. Computer Science and Engineering:

One teaching staff was recruited during the academic year 2020-21.

5. Science and Humanities:

One teaching staff was recruited during the academic year 2020-21.

UNIVERSITY RESULTS

Our students have shown good performance in the University Examinations during Nov/Dec 2020 and April/May 2021. The results show that our students have got medium to high level pass percentages. However, our college stands first among the 11 Engineering Colleges in this District in the pass percentages. The following table exhibits the pass percentages of the current academic year University Examinations.

1. Civil Engineering

Year	Nov/Dec-2020	Apr/May-2021
II	63.63	72.72
III	80.00	80.00
IV	100.00	100.00

2. Electrical and Electronics Engineering

Year	Nov/Dec-2020	Apr/May-2021
II	90.90	90.90
III	100.00	100.00
IV	100.00	100.00

3. Electronics and Communication Engineering

Year	Nov/Dec-2020	Apr/May-2021
II	100.00	100.00
III	100.00	100.00
IV	100.00	100.00

4. Computer Science Engineering

Year	Nov/Dec-2020	Apr/May-2021
II	91.30	95.65
III	96.00	96.00
IV	100.00	100.00

5. Information Technology

Year	Nov/Dec-2020	Apr/May-2021
IV	88.88	100.00

LIST OF FACULTY MEMBERS WHO HAVE PRODUCED CENT PERCENT RESULTS IN THEIR SUBJECTS

The faculty members who have produced cent per cent results in their subjects have to be appreciated and their list is furnished below.

1. Civil Engineering

(a) Nov/Dec-2020

Sl.No	Name of the faculty	Name of the subject
1	Mr.D.Thangaraj	Estimation Costing and Valuation Engineering Engineering Geology
2	Mr.S.Rajapandian	Fluid mechanics
3	Ms.R.Manju	Municipal Solid Waste management Textile Effluent treatment Water Supply Engineering
4	Ms.G.Gayathri	Structural Design and Drawing Design of Reinforced Cement Concrete Element
5	Mrs.P.Dennis Flora	Foundation Engineering Surveying Engineering Geology
6	Ms.N.Chithiraiselvi	Railways,Airport,Dock and Harbour Engineering Construction materials
7	Mrs.R.Padmarani	Structural Analysis-I Disaster Management Strength of Materials-I

(b) Apr/May-2021

Sl. No	Name of the faculty	Name of the subject
1	Mr.D.Thangaraj	Irrigation Engineering
2	Mr.S.Rajapandian	Applied Hydraulics Engineering
3	Ms.R.Manju	Geo Environmental Engineering

		Waste Water Engineering Air Pollution and Control Engineering
4	Ms.G.Gayathri	Design of Steel Structural Elements Strength of materials-II Concrete Technology
5	Mrs.P.Dennis Flora	Construction Techniques and Practice Soil Mechanics Environmental Science and Engineering
6	Mrs.R.Padmarani	Structural Dynamics and Earth Quake Engineering Structural Analysis II Highway Engineering

2) Electrical and Electronics Engineering

NOV/DEC-2020

Sl.No	Name of the faculty	Name of the subject
1	Ms.R.Ragadharshini	High Voltage Engineering Power Electronics Digital Logic Circuit
2	Mrs.A.Primrose	Power System Operation and Control Basics of Bio Medical Instrumentation Electrical Machines-I
3	Mrs.S.Susiladevi	Renewable Energy Systems Renewable Energy Sources Electronic Devices and Circuits
4	Mrs.R.Akilandeswari	Fibre Optics and Labour Instrument Power Plant Engineering Control System Engineering
5	Mr.J.Sathyaraj	Power System Transient Power System Analysis Electromagnetic Theory

APR/MAY-2021

Sl.No	Name of the faculty	Name of the subject
1	Mrs.A.Primrose	Electric Energy Generation, Utilization and Conservation Design of Electrical Apparatus Electrical machines-II

2	Mrs.S.Susiladevi	High Voltage Direct Current transmission Control Systems
3	Mrs.R.Akilandeswari	Solid State Drives production and Switch Gear Measurement and Instrumentation
4	Ms.R.Ragadharshini	Embedded Systems Transmission and Distribution
5	Mr.J.Sathyaraj	Special Electrical machines Linear Integrated Circuit and Application

3. Electronics and Communication Engineering

NOV/DEC-2020

Sl.No	Name of the faculty	Name of the subject
1	Mr.C.Palaniappan	Electronic Circuit I Medical Electronics
2	Mrs.R.Yogeshwari	Signals and Systems Digital Communication Optical Communication
3	Ms.K.A.Muthulakshmi	Digital electronics Embedded and real-time systems
4	Ms.P.Keerthana	Discrete Time Signal Processing
5	Ms.V.Nithyapoorani	Antenna and Micro wave Engineering Disaster Management

APR/MAY-2021

Sl.No	Name of the faculty	Name of the subject
1	Mrs.R.Yogeshwari	Communication theory Wireless Communication
2	Mr.C.Palaniappan	Electronic Circuit II Transmission Lines and RF System
3	Ms.B.Nithyapooani	Linear Integrated Circuit Micro Processor and Micro Controller Electromagnetic Interference and compatability
4	Mrs.V.Sagayamary	Electromagnetic Shield Wireless Network Principles of management
5	Ms.K.A.Muthulakshmi	VLSI design&Satellite Communication

4. Computer Science Engineering & Information Technology

NOV/DEC-2020

Sl.No	Name of the faculty	Name of the subject
1	Mr.R.Vijay	Software Project management Data Structures
2	Ms.P.Subha	Cloud Computing Computer Architecture and Organization
3	Mrs.G.Bhuvaneshwari	Principles of Management Object Oriented Programming
4	Mrs.G.Sugapriya	Cryptography and Network Security Computer Networks Introduction to C Programming
5	Ms.S.Jayapatha	Theory of computation Communication Networks Human Computer Interaction
6	Mrs.G.Sasikala	Problem Solving and Python programming Object Oriented Programming Object oriented analysis and design.
7	Mrs.K.Priyanka	Problem solving and Python Programming Fundamentals of data structures in C Ad hoc and wireless sensor networks.
APR/MAY-2021		
Sl.No	Name of the faculty	Name of the subject
1	Ms.P.Subha	Intellectual Property Rights Computer Architecture
2	Mrs.G.Bhuvaneshwari	Distributed System Database Management System
3	Mrs.G.Sugapriya	Professional Ethics in Engineering Compiler Design
4	Ms.S.Jayapatha	Information Retrieval Techniques Mobile Computing Software Engineering
5	Mrs.G.Sasikala	Internet Programming Operating Systems Programming in C
6	Mrs.K.Priyanka	Artificial Intelligence Design and Analysis of Algorithms

Association Activities

1. Department of Civil Engineering

A One Day Online Seminar on “Green Construction for Sustainable Development” was organized by the association of Civil Department on 24.04.2021. Dr. J.S. Sudarsan from School of Construction Management, NICMAR, Pune, presented a lecture on “Green Construction Technology for Sustainable Development” during forenoon session and Dr. K. Gunasekaran from SRM Institute of Science and Technology, Chennai delivered a lecture on “Green Material in Concrete for Sustainability” during afternoon session.

2. Department of EEE

A one day online seminar on “Emerging Trends In Power Generation and Electrical Safety” was organized by the association of Electrical and Electronics Engineering Department on 24th April, 2021. Dr. P. Shanmuganathan, Deputy Chief Engineer, NLC India Ltd Neyveli was the resource person for the forenoon session and delivered a lecture on “Emerging Trends and Environmental Management in Power Plant” and the afternoon session was handled by Mr. S. Anbuselvan, Assistant Manager, Michelin India Private Limited; Chennai on “Industrial Electrical Safety”

3. Department of ECE

A one day online technical workshop was organized by the association of Electronics and Communication Engineering Department on “Deep Learning and its Applications” on 30.04.2021. Dr. T. Kanimozhi, Associate professor, ECE, VELTECH University, Avadi, Chennai was the Resource person.

4. Department of CSE

An online seminar was organized by the association of Computer Science and Engineering Department on ‘Servlet Programming using JSP’ on 30.04.2021.

Er.G.Ramkumar, Senior Software Engineer, Accenture, Chennai handled the session.

Programmes Organized

- Entrepreneurship Development Cell conducted a Online Programme on “Women in Manufacturing: Breaking Stereotypes, Building Success” on 15.09.2020 for I, II, III and IV year students. The Resource person was Mr.M.Annadurai, ASP, Rover Engineering College, Perambalur.
- A Student Induction Programme for the first year students was organized from 08.11.2020 to 24.11.2020 to develop the self confidence among the students, to cultivate positive attitude, to encourage the leadership qualities and encouraging the ability to work hard to achieve the goal as per AICTE norms.
- A motivational programme was organized to all first year students on 23.11.2020 through online. Kavingar Mu. Pa was the motivational speaker and delivered his speech to provoke the aim of students on high level leadership qualities
- First year classes inaugural function was organized on 29.11.2020. The Chief Guest Kavigner Thangam Moorthy gave the students very good guidelines in the future prospects of the students. Kavigner Mu. Pa delivered a special address to the students regarding better life foundation.
- A Program on “The use of Hand sanitizer and face mask” was arranged on 07.12.2020. The Chief Guest was Dr.Senthil Kumar, M.B.B.S., M.D., M.S.K Hospital, Pudukkottai.
- A Training Program on “Mastering in Multitasking” was conducted by Ms.M.Pirainuthal Selvi, Alumini/ IT, Technical Supporter, HCL Technologies on 10.12.2020 for 36 students.

- Pongal festival was celebrated on 13.01.2021. Prizes were awarded to the winners of the various competitions connected with the festival activities.
- The National conference on “Recent Trends in Engineering Science and Innovative Technologies (NCRTEIT-2021)” were organized on 05.02.2021. Dr. S. V. Srinivasan, Research Associate, CSIR-Central Leather Research Institution, Chennai was the Resource Person. Around 100 papers were presented in the conference from various colleges like VSB Engineering college-Karur, M.I.E.T College of Engineering and Technology, J.J College of Engineering and Technology, Mount Zion College of Engineering and Technology, Shanmuganathan College of Engineering and Technology etc.,
- A one day online programme on “Stress Management” was conducted on 19.02.2021. Mr. Balaji and Mr. Navamathan from Anna University BIT Campus, Thiruchirappalli was the Resource Person.
- “National Science Day-2K21 & 125th years of discovery of X-rays & Radiometry” was celebrated on 27th February, 2021 in association with “Indian Association for Radiation Protection” and “Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam” along with “Rotract Club of Anna University” Trichy. Dr. P. Venkatraman, Group Director, IGCAR, Kalpakkam was the chief guest. An exhibition on nuclear energy program in India and application of radiation was also on the show. Various competitions were conducted and prizes were awarded to the winners of Quiz, Drawing, Poetry and Elocution competitions.
- Women’s day was celebrated on 08.03.2021. Dr. S. Thilagavathi, Principal; Sri Bharathi Engineering College for Women was the speaker of the day. Mr. Rajaram, Mrs. Kavitha Jawahar & various speakers took part in pattimandram.

- An Online Programme on “Strategies for Overcoming Gender Bias in Tech Entrepreneurship” was conducted for II, III and IV year students on 25.03.2021. The Resource person was Dr.P.Shanthi, Prof. Mookambigai College of Engg. & Tech. Pudukkottai.
- 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 Teaching faculty members. The session was handled by Mr.K.Marimuthu and Ms.V.Lavanya, Senior technical Lead, HCL, Technologies Ltd, Chennai.

EXTENSION ACTIVITIES

- Awareness on “Wearing mask” and “Mask distribution” was conducted at Muthupattinam Village on 03.05.2021. About 25 NSS Volunteers participated in the programme.
- Awareness Programme on “Traditional Medicine”(Nilavembu) was organized by our RRC Volunteers at Kathakkuruchi village on 22.05.2021.

INPLANT TRAINING/INTERNSHIP

1.Civil Engineering

- Ms.S.Priyadharshini, Ms.K.Kasthuri, Ms.S.Sivapriya and Ms.A.Pothumpen of fourth year attended an In Plant training at “M.R Builders, Pudukkottai” from 14.07.2020 to 10.08.2020.
- Ms.K.Karthika, Ms.P.Muthumeena, Ms.J.Rajeswari and Ms.D.DesikaParthi of final year attended an In Plant Training at “Shabee Constructions, Pudukkottai” from 14.07.2020 to 10.08.2020.
- Ms.C.Chandrika and Ms.A.Lakshmi attended an In Plant Training at “Kamaal Construction, Aranthangi from 14.07.2020 to 10.08.2020.
- Ms.K.Monika attended an In plant Training at “Doodle Architect, Pudukkottai” from 14.07.2020 to 10.08.2020.

2. Electrical and Electronics Engineering

- Ms.I.Nazeera Banu, Ms.T.Priya, Ms.K.Sajina, Ms.R.Selsia, Ms.J.Thenmozhi, Ms.E.Vanitha and Ms.S.Siyamaladeviof fourth year EEE attended an In Plant Training at TNEB-Pudukkottai from 04.01.2021 to 08.01.2021.
- 10 Second Year and 08 third year EEE Students attended an Inplant Training on “Embedded with IOT” at Vi Micro system Pvt.Ltd,Chennai on 04.01.2021 to 15.01.2021through Virtual Mode.

3. Electronics and Communication Engineering

- Four Students of Final year ECE attended Internship on “IOT” at Galwin technology from 04.01.2021 to 30.01.2021
- Seven Students of Final Year ECE attended Internship on E-Soft Solutions from 05.01.2021 to 29.01.2021.
- Ms.M.Ashima, Ms.R.Jaffarnisha, Ms.K.Maheswari, Ms.S.Manisha, Ms.A.Megavadhana, Ms.R.Priyanga, Ms.V.Ragavi, Ms.M.Rajapraba&Ms.K.Sasika of third year attended an Internship on “PCB Designing” at GalwinTechnology,Trichy from 03.08.2021 to 17.08.2021.
- Ms.S.Anushaa, Ms.A.Arivarasi, Ms.R.Atchaya, Ms. T.Jayapriya, Ms.P.Soundharaya, Ms.K.ThaiyalNayagi, Ms.R.Janani and Ms.N.AsmathHazeena of fourth year attended an internship on “Fundamentals of Telecom” at BSNL Trichy from 10.08.2021 to 17.08.2021.
- Ms.K.Rohini,afourth year student attended an inplant training on “Internet of Things” at Fantasy Solutions on 23.08.2021.
- Ms.K.Rohini&Ms.N.AsmathHazeena of final year attended an internship on “Programming Language” at Galwin Technology, Trichy from 29.09.2021 to 30.10.2021.

4.CSE&IT Departments

- 11 Final year students of CSE and 03 Final year students of IT attended an In Plant Training on “Artificial Intelligence” from 27.01.2021 to 29.01.2021 and 08 Third year students attended an In Plant Training on “Software Engineering” at Fantasy Solution,Trichy from 16.07.2021 to 16.08.2021.
- 11 Third year students and 12 second year attended an In Plant Training on “Artificial Intelligence” from 12.08.2021 to 18.08.2021 at Galwin Technology.

FACULTY DEVELOPMENT

(I) Paper Publications Journals:

Department of Civil Engineering

Mrs.R.Padmarani.A/P

(1) Published a paper on “Numerical Simulation on Reinforced Concrete Beam with different cover size under two point bending load” in International Journal for Modern Trends in Science and Technology, Vol 7, issue 05, May 2021.

Department of EEE

Mrs.S.Susiladevi.A/P

(1) Published a paper on “Integration of 3D MEMS Accelerometer Sensor” in ANNALS of RSCB at,Vol 25,issue 3, March '20,Page no.7341-7347.

(2) Published a paper on “Energy Management System for AC and DC Grid” in IJAREEIE Journal at Vol 10 and issue 4, April'21, Page: 2278-8875.

Mr.J.Sathyaraj.A/P

1) Published a paper on “Time based costing of energy storage system with optimal scheduling and dispatch under demand” in ELSEVIER-Materials today proceedings at Vol 45,issue 3, Aug '20,Page No: 1738-174.

2) Published a paper on “The impact of advanced technological development on Solar PV value chain” in ELSEVIER at Vol 45, and issue 3, Sep’20, Page No.2053-2058.

Department of ECE

Mrs.R.Yogeshwari.AP

(1) Published a paper on “Artificial Vision Aid for Blind People using optical character recognition” in Journal of Information and Computational Science, in Vol.11, issue 4, April-21; page No.1-9.

Mr.S.Udhayanan, AP/CSE

(1) 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.

Ms.K.A.Muthulakshmi. AP/EEE

(1) Published a paper on “Phase Measurement Technique for Synchronous Devices in FPGA using XOR gates” in International Journal of Electronic Devices and Networking, Vol.2, Issue 1, Jan-2021,page No.45-50.

(2) Published a paper on “Implementation of an Efficient Multiplier using Dadda Algorithm” in Journal of Information and computational science” in Vol.11,issue 4, April- 2021, pageNo. 20-32

(3) Published a paper on “Phase Measurement Techniques for Synchronous Devices in FPGA using XOR gates” during the National Conference on “Signal processing, Communication and Networking” conducted by Sri Venkateshwara College of Engineering, Chennai on 07.05.2021.

Mr.C.Palaniappan, AP/ECE

(1) Published a paper on “Implementation of Arithmetic Logic” in Annals of the Romanian Society for Cell Biology;Vol.25,issue 6,May-2021.

Mrs.V.NithyaPoorani,AP/ECE

(2) Published a paper on “Industrial Pollution Monitoring and Control using IOT” in Journal of Information and computational science;Vol.11,issue 4,April-2021.,Page No.252-256.

Department of CSE&IT**Ms.C.Subha AP/CSE**

(1) Published a paper on “Secure Electronic Health Record Sharing with Sensitive Base Access Control” in International Journal of Advanced Research in Computer and Communication Engineering: Vol.1, issue 4, April 2021, page No.93-98.

Mrs.G.Bhuvaneswari AP/ECE

(2) Published papers on “IOT Enabled Smart Voting System Using Face Biometric features”:Vol.11,Issue 3,Mar’2021;Page No.407-414

(3) Published papers on “Bus Pass Registration and Renewal System” in Journal of Information and computational Science Vol.11, issue 3, Mar’2021, Page No.415-421.

Mrs.G.Sugapria AP/CSE

(4) Published a paper on “Face Biometrics by own password in online social network” in the journal of Information and Computational Science Vol 11, Issue 3, Mar’2021, Page No.430-437.

Ms.S.Jayapratha AP/CSE

(1) Published a paper on “An Efficient Encrypted Medical Data Storage using 2 Clouds with Duplicate data generation techniques” in Journal of information and computational science Vol.10,issue 5,May’21,Page No.74-79

Mrs.G.Sasikala AP/CSE

(2) Published a paper on “Deep Learning Techniques for Crop Photosynthetic from leaf Image” in Journal of Information and Computation Vol.11, issue 3,Mar’21,Page 422-429

(3) Published a paper on “Gene based disease prediction using semi-supervised learning” in Journal of Information and Computation Vol.11, issue 3, Mar’21, Page 363-371.

Mrs.K.Priyanka AP/CSE

1) Published a paper on “Android Based Efficient Road Safety Measures and Driver Behavior Monitoring System” in International Journal of Advanced Research in Computer and Communication Engineering Vol.10,issue 4,Apr’21,Page No.233-238.

(2) SPONSORSHIP FOR FDP / WORKSHOP / SEMINAR / CONFERENCES

1.Department of Civil Engineering

Ms.R.Manju.A/P has attended 8 Webinars from 01.06.2020 to 05.05.2021. She has also attended (i) a National Level online faculty development programme conducted by Tagore Engineering College, Chennai on “Advanced Trends in Civil Engineering” from 06.07.2020 to 08.07.2020 and (ii) AICTE training and learning (ATAL) Academy FDP on “Construction Technology” from 07.12.2020 to 11.12.2020.

Ms.G.Gayathri.A/P has attended a webinar on “Role of Infra Structure Design in achieving sustainable road safety” conducted by NUS,Oman on 05.05.2021.She has also attended (i) (ATAL) FDP on “Construction Technology” from 07.12.2020 to 11.12.2020 and (ii)on sustainability Engineering from 14.12.2020 to 18.12.2020 conducted by AICTE.

Mrs.R.Padmarani.A/P has attended 15 Webinars from 27.06.2020 to 22.07.2020.She has also attended (i) (ATAL)FDP on “Earth Quake Engineering” from 04.01.2021 to 08.01.2021and (ii) AICTE-ISTE Sponsored FDP on “Curriculum for Sustainability” from 02.12.2020 to08.12.2020.

Mrs.P.DennisFlora.A/P has attended a Webinar on “Advances in pre engineered buildings.22.05.2021. She has also attended (ATAL) FDP on “Smart Cities-Concept Strategies,Opportunities and challenges” from 05.01.2021 to 09.01.2021.

2. Department of EEE

Mrs.A.Primrose.A/P has attended 4(ATAL)FDP programmes during the period from 21.09.2020 to 11.12.2020.

Attended a One Day Workshop on “Robotics” at Inspa Robotics, Puducherry on 05.06.21

Mrs.S.Susiladevi.A/P has attended 8(ATAL) FDP programmes&7 webinars during the period from 01.09.2020 to 01.01.2021

She has also attended AICTE short term training programme on “Roll of Smart Tech in Maritime Industries” conducted by AMET University from 02.11.2020 to 07.11.2020

Attended a one day workshop on “Website Creation” at MECK TECK Research Foundations ,Pudukkottai on 28-06-2021

Mrs.B.Priya,AP/EEE

(1) Attended a one day workshop on “Website Creation” at MECK TECK Research Foundations ,Pudukkotai on 28-06-2021

Mrs.R.Akilandeswari.AP has attended 3(ATAL)FDP (viz) (a) “Energy Engineering” at National Institute of Technology,Silchar from 26.09.2020 to 30.09.2020 (b) “Smart Cities” at Dayananda Sagar Academy of Technology and Management,Bangalore from 18.01.21 to 22.01.2021 and (c) “Control Systems & Sensors Technology” at National Institute of Technology,Calicutfrom 01.02.21 to 05.02.21and 3more FDP programmesand 5 webinars during the period from 26.09.2020 to 05.02.2021.

Attended a one day workshop on “Artificial intelligence” on GalwinTechnology,Trichy on 07.08.2021

Mr.J.Sathyaraj.A/P

Attended a 6 day FDP programmes and 2 webinars which includes (a)“Design of Solar Photo Voltic System” at Institute of Engg& Tech, Dr.RamanandaLohia Avadh University, Ayodhya from 21.09.2020 to 25.09.2020 and (b) “Energy Engineering”.at Government Engineering College, Thanjavur from 18.01.2021 to 22.01.2021.

Attended a One Day Workshop on “Robotics” at Inspa Robotics, Puducherry on 05.06.21

Mrs.R.Ragadharshini.A/P has attended 8FDP programmesand 6 webinars during the period from 26.09.2020 to 19.12.2020.

Attended a one day workshop on “Artificial intelligence” on GalwinTechnology,Trichy on 07.08.2021

3.Department of ECE

ATAL FDP

Mrs.R.Yogeshwari.A/P

(1) Attended 3 (ATAL) FDP on (i) “Electrical and computer engineering” conducted at Mahendra Engineering College from 22.02.2021 to 26.02.2021 (ii) “Recent advancement in artificial intelligence” conducted at Sant Gadge Baba Amaravathi University from 12.07.2021 to 16.07.2021 (iii) “Advanced business analytics” conducted at Jaipur Institute of Management, Lacknow from 26.07.2021 to 30.07.2021.

(2) Attended FDP on “Recent Advancement in Photonics and it’s applications” conducted by CARE College of Engineering from 27.09.2021 to 11.10.2021.

(3) Attended a webinar on “Embedded System with Robotic” conducted by Finland Labs. New Delhi on 15.09.2021.

(4) Attended an FDP/ FDPOM-100 on “Lab View and MATLAB Programming” from 22.11.2021 to 26.11.2021 conducted by NITTR, Chennai..

(5) Attended one UHV FDP programme conducted by AICTE from 20.12.2021 to 24.12.2021.

Ms.K.A.Muthulakshmi.A/P

(1) Attended one short term training programme on “Emerging Trends and Research Challenges in Next Generation Wireless Technologies” at Kongunadu College of Engineering and Technology, Trichy from 29.03.2021 to 03.04.2021.

(2) Attended FDP on “Emerging Trends in Computer Applications” at Periyar Maniammai Institute of Science and Technology, Thanjavur from 19.04.2021 to 24.04.2021.

(3) Attended (ATAL) FDP on “MATLAB, an effective tool for academic and research” conducted at Laxminarayanan Institute of Technology, RTM, Nagpur University from 07.05.2021 to 09.07.2021.

(4) Attended FDP on “Recent Trends in Wireless Communications & 5G Technologies” at Narasu’s Sarathy Institute of Technology, Salem from 24.05.2021 to 28.05.2021.

(5) Attended a webinar on “Photonic Devices for Communication Applications” conducted by Dr. Mahalingam College of Engineering and Technology, Pollachi on 31.05.2021 and another webinar on “Embedded System with Robotic” conducted by Finland Labs. New Delhi on 15.09.2021.

(6) Attended FDP on “Recent Advancement in Photonics and its applications” CARE College of Engineering from 27.09.2021 to 01.10.2021.

(7) Attended FDP on FDPOM-79 “Free Software for Collaborative Learning from 04.10.2021 to 08.10.2021 conducted by NITTR, Chennai.

Ms.V.Nithyapoorani.A/P

(1) Attended 3 (ATAL) FDP on (i) “Telemedicine” conducted by Model Engineering College from 15.02.2021 to 19.02.2021 (ii) “Future Perspective of Semi Conductor Devices” conducted by Kalasalingam Academy of Research and Education from 21.06.2021 to 25.06.2021

(iii) “Strategies and outcome to enhance sustainable green environment” conducted by University College of Engineering BIT Campus Thiruchirappalli from 09.07.2021 to 23.07.2021 (iv) “Artificial Intelligence in Design and Manufacturing” conducted by Sri G.S. Institute of Technology and Science, Indore from 26.07.2021 to 30.07.2021.

(2) Attended FDP on “Emerging trends in Computer Applications” at periyarmaniammai institute of Science and Technology, Thanjavur from 19.04.2021 to 24.04.2021.

(3) Attended FDP on “Recent trends in wireless communication & 5G Technologies” at Narasu’s Sarathy Institute of Technology, Salem from 24.05.2021 to 28.05.2021.

(4) Attended a webinar on “Biological Effects Exposure of Radiation of Cell Tower and other wireless devices” conducted by Shan College of Engineering, Uthrapradesh on 26.06.2021.

(5) Attended FDP on “Emerging trend in science and technology” at Easwari Engineering College, Autonomous, Ramapuram from 01.07.2021 to 06.07.2021.

(6) Attended an FDPOM-83 “Problem Based Teaching, Learning Process” from 25.10.2021 to 29.10.2021 conducted by NITTR, Chennai.

(7) Attended one FDP/ UHVI programme conducted by AICTE from 06.12.2021 to 13.12.2021.

Mr.Palaniappan.A/P

(2) Attended a FDP on “Photonics” conducted by the Central University of Jharkhand from 18.01.2021 to 22.01.2021.

(3) Attended a one day workshop on “Website Creation” at MECK TECK Research Foundations ,Pudukkottai on 28-06-2021

Mrs.T.K.Mohanapriya,AP/ECE, Ms.Sathya,AP/ECE

Attended a one day workshop on “Artificial intelligence” on GalwinTechnology,Trichy on 07.08.2021

Mrs.V.Sagayamary.A/P

(1) Attended FDP on (i) “Electrical and Computer Engineering” conducted by Mahendra Engineering College from 22.02.2021 to 26.02.2021(ii) “Visual Communication” conducted by S.R.Engineering College from 01.03.2021 to 05.03.2021.

(2) Attended a one day workshop on “Website Creation” at MECK TECK Research Foundations ,Pudukkotai on 28-06-2021

Ms.T.Suganthi,AP/ECE &Mrs.M.Suganya,AP/ECE

Attended a One Day Workshop on “Robotics” at Inspa Robotics, Puducherry on 05.06.21

Ms.Keerthana.A/P

(1) Attended an NITTTR FDP/FDPOM-100 “Lab View and MATLAB Programming from 22.11.2021 to 26.11.2021.

4. CSE&IT Departments**Mr.R.Vijay.A/P.**

(1) Attended 3 programmes during the period from 12.05.2020 to 29.05.2020 viz (i) Webinar on Academic publishing ranking and it’s Insights (ii)FDP on Python Programming and Machine learning techniques from 18.05.20 to 22.05.20.

(2) Attended a One Day Workshop on “Robotics” at Inspa Robotics, Puducherry on 05.06.21

Ms.R.Subha.A/P

(1) Attended 3 FDP programmes during the period from 07.12.2020 to 21.05.2021 viz (i)FDP on “Advanced Trend in Bio Medical Research using Deep learning”(ii) AICTE-FDP on Block Chain (iii) AICTE-FDP on IOT

Ms.G.Bhuvaneswari.A/P

(1) Attended 7 programmes during the period from 18.05.2020 to 03.04.2021 viz (i) FDP on Python Programming (ii) FDP on Machine Learning Techniques (iii) Webinar on Blockchain (iv) AICTE-FDP on Cyber Security (v) AICTE FDP on IOT (vi) AICTE FDP on BLOCK Chain and (vii) AICTE/FDP on Robotics.

(2) She has also attended one short term training course on “Emerging Trends and Research Challenges in next generation wireless networks” conducted by Kongu Nadu College of Engineering and Technology from 29.03.2021 to 03.04.2021.

Mrs.G.Sugapriya.A/P

(1) Attended 8programmes during the period from 18.05.2020 to 22.01.2021 viz (i) FDP on Python Programming (ii) FDP on Machine Techniques (iii) Webinar on BLOCK Chain (iv) FDP introduction to BLOCK Chain (v) AICTE-FDP on Cyber

Security (vi) AICTE- FDP on IOT (vii) AICTE-FDP on BLOCK Chain and (viii) AICTE-FDP on Cyber Security.

(2) She has also attended one short term training course on “Emerging Trends and Research Challenges in next generation wireless networks” conducted by Kongu Nadu College of Engineering and Technology from 29.03.2021 to 03.04.2021.

(3) Attended 8 programmes during the period from 25.05.2020 to 24.04.2021 viz (i) FDP on Data Structures (ii) FDP on BLOCK Chain (iii) Webinar-Engineering Research-Outcome Based approach (iv) Emerging trends in computer science and information technology (v) FDP on Emerging Trends in Computer Applications (vi) AICTE FDP on BLOCK Chain (vii) AICTE FDP on AI and (viii) AICTE FDP on IOT

Mrs.G.Sasikala,A/P

(1) Attended 8 programmes during the period from 18.05.2020 to 28.04.2021 viz (i) FDP on Python programming (ii) FDP on Machine learning techniques (iii) FDP on BLOCK Chain (iv) FDP on Recent trends in Computing (v) FDP on OOAD (VI) FDP on Cyber Security (vii) AICTE FDP on data sciences & (viii) AICTE FDP on Cyber Security.

Mrs.V.Yogam,AP/CSE, Ms.K.Priyanka,AP/CSE

(1) Attended a one day workshop on “Artificial intelligence” on Galwin Technology, Trichy on 07.08.2021

Ms.K.Priyanka,A/P

(1) She has also attended one short term training course on “Emerging Trends and Research Challenges in next generation wireless networks” conducted by Kongu Nadu College of Engineering and Technology from 29.03.2021 to 03.04.2021.

Mrs.Nusrathfathima,AP/CSE &Ms.K.Priya,AP/CSE

1) Attended a one day workshop on “Website Creation” at MECK TECK Research Foundations ,Pudukkotai on 28-06-2021

DEPARTMENT OF S&H

Mr.S.Rajapandiyam,AP/GE

(1)Attended a one day workshop on “Website Creation” atMECK TECK Research Foundations ,Pudukkotai on 28-06-2021.

STUDENT PARTICIPATION IN SYMPOSIUMS, WORKSHOP, SEMINAR AND CONFERENCE-ON LINE

1)Ms.K.Meenachi,Ms.M.Sathya,Ms.S.Srividhya and Ms.K.Umamaheswarior of final year Civil Engineering Department attended workshop on “Green Construction Technology for Sustainable Development” at Sri Bharathi Engineering College for Women, Pudukkottai on 24.04.2021.

2)Ms.S.Srividhyaof final year attended a quiz programme on Design of Steel Structures at Sri Bharathi Engineering College for Women on 07.06.2020.

3)Ms.A.Arivarasia third year studentof ECEattended a workshop on “website creation at SCION Research and Development” on 18.04.2021.

4)Ms.P.Soundharya,Ms.K.Thaiyalnayagi&Ms.N.AsmathHazeena of final year ECE attended workshop on “Centroid of Engineering in AI&ML at Sri Venkateshwara College of Engineering (Autonomous) from 12.08.2021 to 14.08.2021.

5)Ms.C.Kavya,a final year student of ECE under the guidance of Ms.K.A.Muthulakshmi A/P participated in “IEEE BIT MINI PROJECT COMPETITION -2021” on “Artificial Vision Aid for Blind People Using Optical Character Recognition conducted by Bangalore Institute of Technology on 01.07.2021.

6) Ms.S.Anusha, Ms.M.Jayasri, Ms.P.Soundarya, Ms.K.Thaiyalnayagi & Ms.K.Rohini of III year ECE attended “National Level online Quiz” at Anugraha Institute of Social Science, Dindigul on 28.02.2021.

7) Ms.S.Anushaa of III year student of ECE attended an on line Quiz on “Fusion Networking” at Sri Eashwar College of Engineering, Coimbatore on 05.09.2020.

8) Ms.B.Fahmidha, a student of II CSE attended Quiz programme at Sri Bharathi Engineering College for Women and Sri Bharathi Arts and Science College for Women on 19.05.2020

9) Ms.R.Rupina, a student of II CSE attended Quiz programme at SCP Arts, Science and DDS Commerce College on 19.05.2020.

10) Ms.B.Fahmidha, a student of II CSE attended Quiz programmes at Nina Mohammed College of Arts and Science on 25.05.2020 and Sri Bharathi Engineering College for Women on 09.06.2020.

CULTURAL AND SPORTS ACTIVITIES

The following students won prizes for competitions held at various institutions

- Ms.A.Karunambigai, a student of III BE,EEE won the third prize with a cash award of Rs.2000/- at District level Tamil essay writing competition conducted by Tamil Development Department on 29.06.2018.
- Ms.K.Prasanna, a student of III BE,EEE participated in the poetry competition at kaviarasar KalaiThamil Sangam.
- 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 YavarumKelirThiranValar 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.APJAbdulkalam Foundation on 27.07.2021.
- Ms.AAshima.M a student of ECE, participated in Drawing Competition conducted by Indian Association for Radiation Protection, Kalpakkam in Association with Indira Gandhi Centre for atomic research, kalpakkam on 27.02.2021.
- 09 cultural and 02 sports activities were conducted to celebrate various important days and also Prizes were distributed for the students who won in the competitions held at SBECW.

Gate and Tancet Score

1) Department of Civil Engineering

Ms.A.S.Raihana Jasmine a student of Civil Engineering Department achieved a score of 53 in the TANCET examinations conducted during 2019. She is now joined ME in Structural Engineering.

Certificate Courses / Value Added Courses Offered

The following Certificate courses/Value Added Courses have been conducted by our faculty members/External experts for various programmes during the Odd and Even Semester of the academic year 2020-21.

1. Department of Civil Engineering

A certificate course on “Recent Trends in Earth Quake Engineering” for IV year “Earth Quake Resistant Design of Foundation” for III year “Construction Project Management” was offered for II year civil.

(Odd Semester)

- Smart Materials and Measuring Techniques conducted by Kamaal Constructions - 27 CIVIL Students.

(Even Semester)

- Construction Management Techniques conducted by Shabee Constructions - 27 CIVIL Students.

2. Department of EEE

A certificate course on “Renewable Energy Systems” (Solar and Wind Energy) for IV year EEE students, “Introduction to MATLAB in programming and simulation” for III year EEE students, “Power System Generation, Transmission and Distribution” for II year EEE students were offered.

(Odd Semester)

- “Energy Consumption Modeling in Electric Vehicle” conducted by Power Integrated Solutions PVT LTD - 27 EEE Students.

(Even Semester)

- “Matlab-Basics and Programming in Electrical Engineering” conducted by Stepup Controls - 27 EEE Students.

3. Department of ECE

“Emerging Technology of Bio Signal processing in VLSI” for IV year ECE students and “Introduction to Electronics” for II year ECE, “Emerging Trends in Next generation wireless networks” for third year ECE, “Introduction to Micro processor and Micro Controller with programming language” for II year ECE was offered as a certificate courses.

(Odd Semester)

- “Applications of CNC Machine in Electronics Industry” was conducted by Spiderman PVC Private Limited -40 ECE Students.

(Even Semester)

- “Emerging Technologies of Bio Signal Processing in VLSI” conducted by Spiderman PVC Private Limited -40 ECE Students.

4. Department of CSE&IT

A certificate course on “HTML for Web Developers” for IV year CSE students, “Machine Learning and its Algorithms” for the III year CSE students, “Introduction to Java Programming” for II year CSE students.

(Odd Semester)

- “Rest Api with Flask And Python” – 78 CSE&IT Students.

(Even Semester)

- “Deep Learning Technique With its Algorithms” conducted by NOTUS soft solutions - 78 CSE&IT Students.

5. Department of Science and Humanities

For all I year students of CSE, ECE, EEE& Civil Engineering a certificate course was conducted for 30 hours on “Let’s Speak” .

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 Glovispvt ltd, Ujjivan small finance Bank, IJL, CTS indiapvt ltd, EMRIGREEN health services & Armada Industrial Automation.**

CONCLUSION:

Now it is high time for me to conclude the annual report for the academic year 2021-2022. All the conclusions are blessed when they are offered to the feet of almighty. All conclusions are gist of achievements and such achievements are not possible without the blessings of the almighty.

Our sincere thanks to our Chairman for his leadership and constant support inspire us always.

Thanks to the Secretary for his guidance and pushing forward the morale of the entire institution.

I thank all the Trust members for their efforts and support made to the development of our college.

I am extremely proud of the dedicated team of teaching and non-teaching staff, whose dedication and hard work are appreciated by all. Let us congratulate and thank them for their effort and hard work.

Thanks to the students and their parents for their continued co-operation.

My special thanks and congratulations to all those who are associated with our Institution for its progress in one way or other.

I conclude my 2020-2021 annual day report with the following quote.

Dated: 20th August 2021 PRINCIPAL

(Dr. S. Thilagavathi)