

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Kaikkurichi, Pudukkottai- 622 303

ANNUAL REPORT 2019 -20



20th AUGUST 2021



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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ANNUAL REPORT FOR THE ACADEMIC YEAR 2019 -20

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 2019-20 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 2019-20 is furnished below.

1. Infrastructure	- Rs.1,67,876
2. Laboratory Facilities	- Rs.4,14,468
3. Other Facilities	- Rs.2,52,410
Total	- Rs.8,34,754

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 807 copies of books with 509 titles were purchased with an investment of Rs.2,89,341 /- and till date 707 copies of books with 409 titles are available.

10 numbers of International and 21 numbers of National Journals and Magazines with an investment of Rs.33,500/-&Rs.45,060/- respectively during the academic year 2019-20 were subscribed.

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

The total investment to the library during this academic year for the purchase of books and journals is Rs.3,81,471 /-

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 Department

One (1) teaching staff was recruited during the academic year 2019-20.

2. Computer Science and Engineering department

One (1) teaching staff was recruited during the academic year 2019-20.

3. Science and Humanities Department

One (1) teaching staff was recruited during the academic year 2019-20.

UNIVERSITY RESULTS

Our students have shown good performance in the University Examinations during Nov/Dec 2019 and April/May 2020. 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.

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

Name of the subject	Name of the faculty	Year
1) CE8603-Irrigation Engineering	Mr.D.Thangaraj	III/VI
1) CE8403-Applied Hydraulics Engineering 2) BE8252-Basic Civil and Mechanical Engineering	Mr.S.Rajapandian	II/IV I/II
1) MG6851-Principles of Management 2) EN8592-Waste Water Engineering 3) CE8005-Air Pollution and Control Engineering	Ms.R.Manju	IV/VIII III/VI III/VI
1) CE8601-Design of Steel Structural Elements 2) CE8402-Strength of Materials II 3) BE8252-Basic Civil and Mechanical Engineering	Ms.G.Gayathri	III/VI II/IV I/II
1) CE8404-Concrete Technology 2) CE8491-Soil Mechanics 3) GE8292-Engineering Mechanics	Mrs.P.Dennis Flora	II/IV II/IV I/II
1)CE6016-Pre Fabricated Structures 2)CE8401-Construction Techniques and Practices 3)GE8292-Engineering Mechanics	Mrs.N.Chithiraiselvi	IV/VIII II/IV I/II
1)CE6021-Repair and Rehabilitation of Structures 2)CE8602-Structural Analysis- II 3)CE8604-Highway Engineering	Mrs.R.Padma Rani	IV/VIII III/VI III/VI

2)Electrical and Electronics Engineering

(a)Nov/Dec-2019

Name of the subject	Name of the faculty	Year
1) MG6851-Principles of Management	Mrs.A.Primrose	IV
2) OMD551-Basics of Bio Medical Instrumentation		III
1) EE8391-Electromagnetic Theory	Mr.J.Sathyaraj	II
Name of the subject	Name of the faculty	Year
1) EE6801-Electric Energy Generation, Utilization and Conservation	Mrs.A.Primrose	IV
2) EE8401-Electrical Machines-II		II
3) BE8251-Basic Electrical and Electronics Engineering		I
1) CE6075-Professional Ethics in Engineering	Mrs.R.Akilandeswari	IV
2) EE8602-Protection and Switch Gear		III
3) BE8255-Basic Electrical, Electronics and Measurement Engineering		I
1) EE6009-Power Electronics for Renewable Energy Systems	Mrs.S.Susila Devi	IV
2) EE8403-Measurements and Instrumentation		II
3) IC8451-Control Systems		II
1)EE8601-Solid State Devises	Ms.R.Ragadharsini	III
2)EE8402-Transmission and Distribution		II
3)BE8254-Basic Electrical and Instrumentation Engineering		I
1)EE8005-Special Electrical Machines	Mr.J.Sathyaraj	III
2) EE8251-Circuit Theory		I

3)Electronics and Communication Engineering

Name of the subject	Name of the faculty	Year
EC8351-Electronic Circuits-1 ME8073-Medical Electronics	Mr.C.Palaniappan	II III
EC8352-Signals and Systems EC8751-Optical Communication GE8071-Disaster Management	Mrs.R.Yogeshwari	II IV IV
EC8392-Digital Electronics EC8553-Discrete- Time Signal processing	Mr.S.Udayanan	II III
EC8501-Digital Communication EC8791-Embedded and real time systems	Ms.K.A.Muthulakshmi	III IV
Name of the subject	Name of the faculty	Year
EC8491-Communication Theory EC8652-Wireless Communication	Mrs.Yogeshwari.R	II III
EC8452-Electronic Circuits-II EC8651-Transmission Lines and RF Systems	Mr.Palaniappan.C	II III
EC8453-Linear Integrated Circuits EC8691-Microprocessors and Micro Controllers	Mrs.Nithyapoorani.V	II III

EC8451-Electromagnetic Fields	Mrs.Sagayamery.V	II
EC8004-Wireless Network		III
MG8591-Principlesof management		III
EC8095-VLSI Design	Ms.Muthulakshmi.K.A	III
EC8094-Satellite Communication		IV

4)Computer Science Engineering& Information Technology

NOV/DEC- 2019

Name of the subject	Name of the faculty	Year
IT6701-Information Management	Mr.R. Vijay	IV IT
CS6703-Grid and Cloud Computing IT8501-Web Technology EC8552-Computer Architecture and Organisation	Ms.P.Subha	IV IT III IT III ECE
CS8494-Software Engineering	Mrs.G.Sugapriya	III IT
IT6702-Dataware Housing and Data Mining	Ms.S.Jayapradha	IV IT
EC8552-Computer Architecture and Organisation	Ms.G.Sasikala	III ECE
CS6007-Information Retrieval	Ms.K.Priyanka	IV CSE
Name of the subject	Name of the faculty	Year
GE6075-Professional Ethics in Engineering	Mr.R. Vijay	IV CSE&IT

CS8651-Internet Programming CS8494-Software Engineering		III CSE II CSE
GE8075-Intellectual Property Rights GE8075-Intellectual Property Rights	Ms.P.Subha	IV CSE&IT III ECE&EE
IT6801-Service Oriented Architecture CS8602-Compiler Design IT8602-Mobile Communication	Ms.G.Sugapriya	IV IT III CSE III IT
CS8601-Mobile Computing CS8092-Computer Graphics and Multi Media	Ms.S.Jeyapradha	III CSE III IT
CS8592-Object oriented analysis and Design. CS8493-Operating Systems CS8251-Programming in C	Ms.G.Sasikala	III IT II CSE I CSE
CS6004-Cyber Forensics CS8091-Big Data Analysis CS8451-Design and Analysis of Algorithms	Ms.K.Priyanka	IV IT III IT II CSE
IT6011-Knowledge Management CS8691-Artificial Intelligence IT8601-Computational Intelligence	Ms.K.Priya	IV CSE&IT III CSE IV IT

ASSOCIATION ACTIVITIES

Department of Civil Engineering

- A Seminar on “Application of Image Processing in Remote Sensing” was organized by the association of civil department on 28.09.2019. The Resource person was Dr.V.Anand, Assistant professor, Civil Department, Arunachala College of engineering for Women, Manavilai, Nagarkovil.
- A Seminar on “Integrated Water Resources Management” was conducted on 17.02.2020. The Resource person was Dr. V.Rajagopalan, Assistant Professor, University College of Engineering, Trichy

Department of EEE

- A Seminar on “Energy Audit from the Perspective of Environmental Production” was conducted by the association of Electronics and Electrical Engineering department on 14.01.2020. Dr.P.Anbalagan, Professor/EEE, Anna University of Technology, Trichy handled the session.
- A National level technical symposium “Electrosat19” was conducted on 30.08.2019 and the inaugural address was delivered by Mr.P.Lakshmanan, Deputy General Manager (Retired) BSNL, Thiruchirappalli.

Department of ECE

- A Seminar on ‘Micro Electronics and VLSI Design’ was conducted by the association of Electronics and communication Engineering on 14.03.2020.
- Dr.AmbujamKathanPh.D.,Professor/ECE,A.K.T Memorial College of Engineering and Technology, Kallakurichi handled the session.

Department of CSE&IT

- A Seminar on 'IOT-Let's exploit and explore: Research Aspects' was organized by the association of civil department on 26.10.2019. Dr.Sriram.K.Vasudevan,AmirthaUniversity,Coimbatore was the Resource Person.

PROGRAMMES ORGANISED

- Entrepreneurship Development Cell conducted a Programme on "Women in DataScience: Leveraging Big Data for Entrepreneurial Success" on 19.08.2019 for I, II, III and IV year students. The Resource person was Mr.M.Martin, Field Coordinator, IEDP EDII, Govt. of Tamilnadu Hub, SASTRA UNIVERTY.
- A Program on "Physical and Mental Health" was conducted on 24.09.2019. Dr.D.ParimalaDevi.,M.D.,DGO.,Dean Medical College Pudukkottai and Mrs.LakshmiNedunchezian,PresidentPudugaiPoongothu were the Chief Guests.
- A Training Program on "Enhancing Soft Skills for Success and Professional Excellence" was conducted on 19.10.2019. The Resource Person was Dr.Anbudhanabalan, Technical Director, Active Solutions, Pudukkottai.
- A One day Professional Development programme on "Enhancing Teaching skills and Learning methodology" was organized on 14.12.2019.Dr.A.Sridevi,Associate Professor, Kumarasamy College of Engineering and Technology, Karur was the Resource Person.
- Two Day PDP on "Importance and Significance of outcome based Education (OBE) for Educational Institution" was organized from 10.01.2020 to 11.01.2020 for all Teaching faculty members.

Dr.J.N.Swaminathan,Aalim Muhammed Salegh College of Engineering,Chennai and Ms.S.Geetha Mohan, Rajalakshmi Engineering College handled the sessions.

- A Training Program on “Conflict Resolution Skills” was conducted on 10.02.2020.Ms.K.Saranya Sri,Soft Skill Trainer, Neolysi Tech Private Limited, Chennai, handled the session.
- The National conference“Applications of Engineering, Technology and Science (NCAETS-2020)”was organized on 21.02.2020.Dr.A.Sivanantha Raja, Professor/ECE, National Institute of Technology, Trichy inaugurate the conference.205 papers were presented in the conference from various colleges like Jayaram College of engineering and technology,Thuraiyur, P R Engineering College, Thanjavur,Mount Zion College of Engineering and Technology, Sri Rajarajan College of engineering and Technology,Karaikkudi, Shanmuganathan College of Engineering and Technology, Sudharsan Engineering college, etc.,
- A Programme on “The Future of EdTech: Women Entrepreneurs Revolutionizing Education” was conducted on 02.03.2020 for I, II, III and IV year students. The Resource person was Er.S.Rajesh Kumar, Proprietor, Gurudev Agencies, Trichy.
- A Program on awareness about “Corona Virus” was conducted on 12.03.2020.Ms.K.A.Muthulakshmi,Assistant Professor/EEE handled the session.

EXTENSION ACTIVITIES:

- Blood donation –An awareness Rally was organized by 41 NSS volunteer students on 18.07.19 at Kaepparai village and got appreciation from Mrs.Periyanayagi Selvam President Kaepparai village panchayat.
- Raising Awareness about the importance of Electrical Safety was organized by 32 RRC volunteer students on 21.08.19 at Muthupattinam Village
- Enriching computer knowledge to school students was conducted by 12 YRC volunteer students on 30.09.19 at Government Elementary school, Poovarasakkudi
- Awareness rally about deforestation was organized by 47 YRC volunteer students on 01.10.19 at Alagambaalpuram Village
- Breast Cancer Signs and symptoms - An Awareness programme was conducted by 20 NSS volunteer students on 05.12.19 at ThoppukkollaiMuhaam
- An awareness rally for “The Elimination of Violence Against Women” was organized by 40 NSS volunteer students on 27.12.19 at Vallanaadu Village.
- Rally on importance of organ donation was organized by 52 RRC volunteer students on 11.02.20 at Vallanaadu Village.
- Corona Virus awareness Campaign was conducted by 25 YRC volunteer students on 29.02.20 PaapavayalVilaku village.
- Save Water Save Nation- A gathering was organized by 25 RRC volunteer students on 05.03.20 at Vennavalkudi Village.
- Global Warming Awareness programme was organized by 15 NSS volunteer students on 07.03.20 at Deivanai Ramasamy Government Higher Secondary School, Vallathiraakotai and got appreciation from the Head

Master of Deivanai Ramasamy Government School for the effort taken by our NSS students.

INDUSTRIAL VISITS

Department of Civil Engineering

- An Industrial visit was arranged on 05.09.2019 to Pollachi top slip, Bhavani Sagar dam, Bannari Mariamman Temple, Marudhamalai temple, Aliar Dam and Masani Amman Temple.

Department of EEE

- An Industrial visit was organized to our EEE students on 15.02.2020 to “Adani Green Energy Ltd., Sengapadai, Ramanadhapuram accompanied by 4 staff members.

Department of ECE

- Thirty students from ECE department accompanied by 4 staff members visited to Adani Green Energy Ltd (A Solar Energy Power Plant), Kamudhi, Ramanadhapuram District on 15.02.2020 to 16.02.2020.

Department of CSE&IT

- Fifty students from CSE department accompanied by 4 staff members went on a field visit to Neft Soft Technologies, Kochin and Kerala engaged in the field of “Product Development, IT sector and Training”.

INPLANT TRAINING/INTERNSHIP

1.Department of Civil Engineering

- Five second year students attended an Inplant training at Kamaal Construction from 21.11.2019 to 10.12.2019.

2.Department of Electrical and Electronics Engineering

- R.Jeevitha,II/EEE , I.Nazeera Banu, J.Thenmozhi, S.Shyamaladevi, III/EEE and Five Final year students attended an In Plant Training at BHEL,Thirumayam from 26.11.2019 to 28.11.2019.
- Seven Third year students and Nine Final year students attended an In Plant Training at Galwin Technology, Trichy on “Arduino & IOT” from 06.12.2019 to 15.12.2019.

3. Electronics and Communication Engineering

- V.Maheshwari, E.Priyanka and A.Akalya, IV/ECE students attended an In Plant training at BSNL, Trichy from 03.06.2019 to 07.06.2019.
- Eighteenth year students attended Internship on PIC (16F877A) at Galwin Technology, Trichy from 23.11.2019 to 04.12.2019.
- S.Indhumathi and A.Bhuvadharani, III/ECE students attended an In Plant training at BSNL, Chennai from 02.12.2019 to 06.12.2019.

4. Department of CSE&IT

- M.Keerthana IV/CSE attended an In Plant training at BSNL, Trichy from 10.06.2019 to 14.06.2019.
- Five students of Second year CSE attended In Plant training at BSNL, Trichy from 25.11.2019 to 29.11.2019.

- Ten students of second year CSE attended In Plant training at E-soft IT Solutions, Trichy from 25.11.2019 to 06.12.2019.
- Six students of final year IT and Six students of third year IT attended In Plant training at E-soft IT Solutions, Trichy from 25.11.2019 to 29.11.2019.
- Sixteen students of final year CSE attended In Plant training at E-soft IT Solutions, Trichy from 30.11.2019 to 05.12.2019.
- Eleven Third year students of CSE attended an Internship at E-soft IT Solutions, Trichy from 30.11.2019 to 05.12.2019.

FACULTY DEVELOPMENT

PAPER PUBLICATIONS

INTERNATIONAL JOURNAL

Mr.J.Sathyaraj, AP/ECE published a paper on ‘The impact of advanced technological developments on solar PV value chain - material proceedings’, Materials Today: Proceedings, ISSN number 2214-7853.

CONFERENCES

157 papers were published by our faculty members in the conference proceedings from various departments on various topics.

SPONSORSHIP FOR FDP/WORKSHOP/SEMINAR

1. Department of Civil Engineering

Mr.D.Thangaraj and Ms.N.Chithiraiselvi attended a training programme on “Land surveying demo with hands on training for total station conducted by University College of Engineering, Pattukkotai on 13.03.2020.

R.Priya&R.Kayalvizhi attended a Workshop on Recent trends in Engineering and Technology at Mount Zion college of engineering & Technology on 15-07-2019.

Ms.R.Manju and Ms.N.Chithiraiselvi attended a training programme on “Strategic Guidelines to improve waste management in construction industry” conducted by “Dr.NGP Institute of Technology, Coimbatore on 19.07.2019.

Ms.R.Manju,Ms.G.Gayathri&Ms.N.ChithiraiSelviattended a one day Workshop on Building Information and Modelling on 05.03.2020 at College of Engineering,Guindy

P.DennisFlora&S.Vidhya attended a Two days Workshop on Innovative Pedagogies for Quality Education in Engineering Education at RMK Engineering College,Chennai on 24-01-2020 & 25-01-2020.

2.Department of EEE

Mrs.A.Primrose, Mrs.S.Susiladevi and Ms.R.Ragadharsini attended a online seminar on “Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool” conducted by Vaagdevi College of Engineering,Hydrabad from 25.05.2020 to 29.05.2020.

Mrs.A.Primrose attended a online seminar on “Smart Cities” conducted by National Institute of Technology, Silchar from 11.01.2020 to 15.01.2020.

A.Primrose, S.Susiladevi&J.Sathyaraj attended a one Day workshop on Power Quality Monitoring, Analyzing and Troubleshooting atChenduran College of Engineering & Technology on 09.08.2019.

K.A.Muthulakshmi attended a Three day Workshop on IOT and Sensor Interfacing at PSG Institute of Technology & Applied Research on 4/12/2019 to 06-12-2019.

M.Abirami attended a two days Workshop on Machine Learning Technologies for building Intelligent Systems at SSN College of Engineering & Technology on 27-09-2019 to 28-09-2019

R.Akilandeswari attended a one day workshop on Intellectual property rights and Innovation at Chenduran College of Engineering & Technology on 21-09-19

S.Devaki attended a one day workshop on “IOT using Raspberry Pi” at Kings College of Engineering on 19.07.19.

3.Department of ECE

T.Suganthi,AP/ECE, attended a Three day Workshop on IOT and Sensor Interfacing at PSG Institute of Technology & Applied Research on 4/12/2019 to 06-12-2019.

M.Sathya,AP/ECE,T.K.Mohanapriya,AP/ECE,C.Palaniappan,AP/ECE

Attended a National Workshop on Recent Research Advancement in the Design of Microwave Antennas at Sri Venkateshwara College of Engineering on 27-11-2019 to 29-11-19.

V.Sagayamary,AP/ECE attended a one day workshop on Intellectual property rights and Innovation at Chenduran College of Engineering & Technology on 21-09-19

G.Vidya,AP/ECE attended a one day workshop on IOT using Raspberry Pi at Kings College of Engineering on 19.07.19.

M.Suganya,AP/ECE,S.Udhayanan,AP/ECE,R.Yogeshwari,AP/ECE
Attended a Workshop on Recent trends in Engineering and Technology at Mount Zion college of engineering & Technology on 15-07-2019.

M.Suganya,AP/ECE,S.Udhayanan,AP/ECE,R.Yogeshwari,AP/ECE

Attended a Workshop on Recent trends in Engineering and Technology at Mount Zion college of engineering & Technology on 15-07-2019.

4.Department of CSE & IT

Ms.G.Sasikala, A/PCSE attended a Workshop on “Recent trends in Engineering and Technology” at Mount Zion college of engineering & Technology on 15-07-2019.

A.NushrathFathima,AP/CSE, V.Yogam,AP/CSE attended a Three day Workshop on IOT and Sensor Interfacing at PSG Institute of Technology & Applied Research on 4/12/2019 to 06-12-2019.

R.Vijay,AP/CSE &K.Priyanka,AP/CSE attended a Two days Workshop on Machine Learning Technologies for building Intelligent Systems at SSN College of Engineering & Technology on 27-09-2019 to 28-09-2019.

G.Sugapriya,AP/CSE one day workshop on Intellectual property rights and Innovation at Chenduran College of Engineering & Technology on 21-09-19

G.Bhuvaneshwari,AP/CSE&P.Subha,AP/CSEattended a one day workshop on IOT using Raspberry Pi Kings College of Engineering on 19.07.19.

5.Department of Science and Humanities

R.Divya, AP/Maths, P.Alagumathi,AP/English, V.Vinojini,AP/Physics attended a one day Workshop on Soft skills Interpersonal Relation for Effective Communication at Panimalar Engineering College,Chennai on 10/6/2020

N.Vithya,AP/Maths,T.RenugadeviAP/Physics,T.Annalakshmi,AP/Chemistry, S.RameshRaja,AP/English attended a Two days Workshop on Innovative Pedagogies for Quality Education in Engineering Education at RMK Engineering College,Chennai on 24-01-2020 & 25-01-2020.

S.Poonguzhali,AP/Maths,S.Rajapandiyan,AP/GE,R.Saratha,AP/Physics
one day workshop on Intellectual property rights and Innovation at Chenduran
College of Engineering & Technology on 21-09-19.

STUDENT PARTICIPATION IN SYMPOSIUMS, WORKSHOP, SEMINAR AND CONFERENCE

1)Civil Engineering Department

- Ms.S.Ananthi, Ms.P.Kanimozhi, Ms.M.Praveena and Ms.N.Gowsika, final year students participated in the Workshop “Planning and Drafting of Approval Drawing” conducted at King’s College of Engineering, Thanjavur on 13.02.2020.
- Ms.K.Monika and Ms.R.Rajeswari, third year students participated in the workshop “Land Surveying Demo with hands on training for Total station” conducted by University College of Engineering, Pattukkottai on 13.03.2020.

Events

- Ms.S.Srividhya and Ms.K.Meenachi, final year students participated in the online quiz on “Fluid mechanics &Machinery” conducted by Sri Bharathi Engineering College for Women, Kaikkurichi on 20.05.2020.
- Ms.S.Srividhya and Ms.K.Umamaheswari, final year students participated in the on line quiz on “Math Riddles” conducted by Sri Bharathi Arts and Science College for Women, Kaikkurichi on 20.05.2020.
- Ms.S.Srividhya a final year student participated in the online quiz on “Engineering Mechanics” conducted by Sri Bharathi Engineering College for Women, Kaikkurichi on 26.05.2020.

2)Electronics and Communication Engineering Department

- Ms.C.Kavya and T.Subashini of III year presented a paper on “Satellite Communication” at Mount Zion College of Engineering and Technology at Pudukkottai on 06.09.2019.
- Ms.R.Atchaya III year presented a paper on “Internet of things” at Mount Zion College of Engineering and Technology on 06.09.2019.
- Ms.S.Abirami and R.Vinithiya of III year presented a paper on “Robotics” at Mount Zion College of Engineering and Technology on 06.09.2019

Prizes Won

- Ms.K.Thaiyalnayagi,Ms.P.Sountharya and Ms.N.AsmathHazeena of II year won the second prize in paper presentation on “Internet of Things”, Ms.R.Vinithiya of III year won the first prize and Ms.P.Sountharya of II year and Ms.R.Atchaya of III year won the II prize for the “Technical Quiz”, Ms.C.Kavya of III year won the I prize and Ms.S.Abirami of III year won the II prize for “Circuit Debugging”, Ms.C.kavya&S.Abirami of III year won the II prize for “Multi media presentation” in a “National Level Technical Symposium conducted by Mount Zion College of Engineering and Technology,Pudukkottai on 06.09.2019.

Workshops

- Ms.A.Bavadharani and Ms.C.kavya of III year&Ms.M.Deepa, E.Priyanka, Ms.R.Pazhaniammal,Ms.A.Bavadharani and Ms.C.Kavya of final year attended the workshop on “Recent Trends in Engineering and Technology” in Mount Zion College of Engineering and Technology on 15.07.2019.

- Ms.A.Dharaniya and Ms.P.Siva Bharathi of Final year attended workshop on “IoT Using Raspberry PI” in Kings College of Engineering and Technology” on 19.07.2019.
- Ms.K.Thaiyalnayagi and Ms.T.Soundharya of III year attended the workshop on “Graphical Programming Using LAB VIEW” in K.Ramakrishnan College of Engineering, Trichy on 07.02.2020.

3)Electrical and Electronics Engineering Department.

- Ms.M.Abirami and Ms.RSuriyakala of final year participated in “IOT Based Energy Meter monitoring and billing system”conducted by Sri Raja Rajan College of Engineering and Technology,Karaikkudi on 08.08.2019.
- Ms.R.Maheswari and Ms.T.Subhasri of final year took part in the workshop on “Power Quality Monitoring analyzing and troubleshooting” conducted by Chenduran College of Engineering and Technology,Pudukkottai on 09.08.2019.
- Ms.J.Thenmozhi and S.Siyamaladevi of III year presented a paper on “Power Electronics in Wind turbine” at Chenduran College of Engineering and Technology,Pudukkottai on 01.10.2019.
- Ms.A.karunambigai and G.Saranya of final year participated in “IOT bases automatic control system for vehicle in air pollution deduction and FC data monitoring” at University college of Engineering, Thiruchirappalli on 16.03.2020.

Prizes Won

- Ms.J.Thenmozhi and S.Siyamaladevi of III year won the I prize in the Technical Quiz conducted by Chenduran College of Engineering and Technology,Pudukkottai on 01.10.2019.

- Ms.K.Prasanna and Ms.V.Sneha of final year won the II prize on paper presentation on “IOT Based Solar Tracking System” conducted at Sudharsan Engineering College, Pudukkottai on 22.02.2020.
- Ms.K.Prasanna and Ms.V.Sneha of final year won the II prize on “Technical Quiz” conducted at Sudharsan Engineering College,Pudukkottai on 22.02.2020.
- Ms.A.Karunambigai and Ms.G.Saranya of final year won the II prize on “Connexion” at University College of Engineering, Thiruchirappalli on 16.03.2020.

4) CSE & IT Departments

- Ms.G.Lahshmi,Ms.K.Sangeetha,Ms.C.Meera,Ms.D.Durgadevi and Ms.M.Yazhinie of final year CSE presented papers at Mother Terasa College of Engineering and technology on 26.02.2020.
- Ms.M.Iswarya,Ms.K.Karthika and Ms.S.Subha of final year CSE presented paper at Mount Zion College of Engineering and Technology on 06.03.2020.
- 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 in quiz programme at ACCET, Karaikkudi on 25.02.2019.
- Ms.G.Lakshmi of final year CSE won the third prize in debugging event at Mother Theresa College of Engineering and Technology on 26.02.2019.

Workshops

- Ms.C.Jenciya,Ms.K.Gayathri and Ms.K.Karthika of final year CSE attended workshop on “IOT USING RASPBERRY PI” at King’s College of Engineering on 19.07.2019.

- Ms.T.Archana of final year IT, Ms.P.Swathi, Ms.P.Iswarya, Ms.A.Atchaya of final year CSE and Ms.S.Sangeetha, Ms.P.Swathi, Ms.C.Priyadharshini of III year CSE attended a workshop on “Ethical Hacking” at King’s College of Engineering on 13.09.2019.
- Ms.R.Mahalakshmi,Ms.M.Pirainuthalselvi,Ms.N.Sowmiya of final year IT and Ms.M.Rupasri and S.MarySelciya of third year IT attended a workshop on “Mobile application development” at Mount Zion College of Engineering and Technology on 20.09.2019.
- Ms.S.Sangeetha,Ms.S.Indumathi,Ms.V.Priyadharshini of III year CSE; Ms.M.Vinodhini,Ms.K.Kalaivani and Ms.A.Hemalatha of III year IT attended workshop on “Machine Learning” at King’s College of Engineering on 14.02.2020.

CULTURAL AND SPORTS ACTIVITIES

25 cultural and 08 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.

The following students won prizes for competitions held at various institutions

- Ms.G.Nishadevi&Ms.S.Akila of Second CSE attended Corporate Training Test at Code Blind Technologies,Trichy on 08.06.2019.
- Ms.A.Karunambigai, of final year attended Essay competition at Tamil Welfare Department, Pudukkottai on 09.08.2019.
- Ms.K.Prassanna,final year, participated in the poetry competition at Tamil Welfare department, Pudukkottai on 09.08.2019.
- Ms.R.Atchaya III year,participated in an event “Essay Writing Competition-Tamil Development Department at Rajah’s College ,Pudukkottai on 09.08.2019.

- M.PirainuzhalSelvi, IV Year CSE got First Prize in the Speech Competition in state level competition conducted byMakkalSinthanaiPeravai, Erode on 12.08.2019.
- S.Keerthana, IV Year/ CSE got Third Prize in the “Tamil Elocution”in state level competition conducted byMurasoli Trust on 16.09.2019.

Gate and Tancet Score

1) Civil Engineering Department

Sl. No.	Student Name	Exam	Score
1	A.S.Raihana Jasmine	TANCET	53

Value Added Courses Offered

The following Value Added Courses have been conducted by External experts for various programmes during the Odd and Even Semester of the academic year 2019-20.

Department of Civil Engineering

(Odd Semester)

- “Corrosion of RC structures” conducted by TRM Constructions - 27 CIVIL Students.

(Even Semester)

- “Soil pollution and Restoration” conducted by PMP Consultant – 27 CIVIL Students.

Department of CSE & IT

(Odd Semester)

- “Web Designing and Development” conducted by Notus Soft Solutions -87 CSE&IT Students.

(Even Semester)

- “Java Programming Using Hacker Rank” conducted by Meck Teck Research Foundation - 84 CSE&IT Students.

Department of ECE

(Odd Semester)

- “PCB Manufacturing and Designing of basic Circuits” conducted by Galwin Technology -46 ECE Students.

(Even Semester)

- “Learning Arduino Platform and its Uses” conducted by Galwin Technology - 46 ECE Students.

Department of EEE

(Odd Semester)

- “Electrical Control Design In Real Time Applications” conducted by Power Integrated Solutions PVT LTD-28 EEE Students.

(Even Semester)

- “Designing, Operation, Control, Monitoring & Maintenance of Solar Panels” conducted by PV Solar Power Tech - 28 EEE Students.

Department of Science and Humanities

(Odd Semester)

- “Discover creativity for engineer” conducted by Interlogicx Embedded Solutions - I Year 52 Students.

(Even Semester)

- “Photoshop for beginners” conducted by Apple Computers and Education - I Year 52 Students.

Placements

- In the academic year 2018-2019, 42 students were placed in leading companies such as **Manora Builders, N.Elavarasu Contractor, Greentech Structural Constructions, Flextronics Technologies (India) Private Limited, Flowget Solutions Private Limited, Prime Focus Private Limited & Armada Industrial Automation** and 2 students had gone for **higher studies.**

MoU's Signed

We have been signing MoU's with industries mainly for the benefit of the students and to get practical knowledge in the trending technological advancement in the fields of various branches of engineering, to impart on the spot training, to enhance with value added courses etc.

This year we signed MoU's with 5 companies including

- Spiderman Pvt Ltd,
- Rooboo Tech India Private Limited,
- TRM construction,
- Kamaal Constructions and
- PMP Consultants.

CONCLUSION

Now it is high time for me to conclude the annual report for the academic year 2019-2020. 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 it's progress in one way or other.

I conclude my 2019-2020 annual day report with the following quote.

Dated:20th August 2021

PRINCIPAL
(Dr. S. Thilagavathi)

SUPPLEMENTARY

FDP/WORKSHOP/SEMINAR ATTENDED BY THE FACULTY

DEPARTMENT OF EEE :

Mrs.S.Susiladevi attended “New challenges and transformation in teaching learning process post COVID’19” conducted by Mount Zion College of Engineering and Technology,Pudukkottai on 29.05.2020.

Mrs.S.Susiladevi and Mrs.R.Akilandeswari attended “Renewable Energy Technologies, Irrigation to the power grid and e-vehicle” on 28.05.2020 to 01.06.2020.

Mrs.A.Primrose A/P attended “Future curricula, outcome based engineering education, teaching-learning processes-role of faculty conducted by Adi Sankara group of Institutions on 24.05.2020.

Mr.J.Sathyaraj A/P attended “Wearable health monitoring system” conducted by Mount Zion College of Engineering and Technology, Pudukkottai on 25.05.2020.

Ms.R.Ragadharshini A/P attended “Recent trend in Electrical Industry” on 28.05.2020 by Adhiyaman college of Engineering,Krishnagiri.

DEPARTMENT OF ECE :

Ms.K.A.Muthulakshmi A/P attended a online FDP’s on (i) “GIS& Remote Sensing” at GOA University from 12.10.2020 to 16.10.2020 (ii) “Control Systems and Sensors Technology” at Bhilai Institute of Technology, Durg,Chattisgarh from 02.11.2020 to 06.11.2020 (iii) “Robotics” at Narayana Engineering College, Nellore from14.12.2020 to 18.12.1220.

Mr.C.Palaniappan.A/P attended FDP on “Advanced Communication Engineering” at Bharathi Vidyapeeth College of Engineering Navi Mumbai from 07.12.2020 to 11.12.2020

Mrs.V.NithyaPoorani,AP/ECE and **Mrs.G.Sugapriya,AP/CSE** attended a Two day Workshop on MERN Stack at Vellammal Engineering College on 30-05-2020 & 31-05-2020

Quiz

Ms.K.A.Muthulakshmi A/P participated in a quiz programme on “QUIZOPHILE-LOGO Identification E-Quiz Competition at EGS Pillai Group of Institutions,Nagapattinam on 09.06.2020.

Ms.K.A.Muthulakshmi A/P participated in a quiz programme on “R&D Section IEEE STB and MHRD- Institution Innovation Council” at King’s College of Engineering, Pudukkottai from 16.06.2020 to 18.06.2020.

DEPARTMENT OF CSE :

Mr.R.Vijay A/PCSE attended FDP’s on (i) International Conference on “Intellectual Research in Science, Engineering and Management” at St Joseph’s College of Engineering and Technology (ii) ATAL FDP on “Python Programming and machine learning techniques” at KSR College of Engineering from 18.05.2020 to 22.05.2020 & 25.05.2020 to 29.05.2020 (iii) “Webinar on Academic Publishing, Ranking and it’s insights” and (iv) ATAL FDP on Data Structures at Vellammal Engineering College from 25.05.2020 to 29.05.2020.

Ms.G.Bhuvanewari, Ms.G.Sugapriya and G.Sasikala A/PCSE attended ATAL FDP on “Python Programming and Machine learning techniques” at KSR College of Engineering from 18.05.2020 to 22.05.2020 & from 25.05.2020 to 29.05.2020.

Ms.G.Sasikala, A/PCSE attended ATAL FDP on “Data Structures” at Velammal Engineering College from 25.05.2020 to 29.05.2020.

K.Swaminathan AP/CSE, S.Jayapratha, AP/CSE attended a one day Workshop on Soft skills Interpersonal Relation for Effective Communication at Panimalar Engineering College, Chennai on 10/6/2020.