

Internal Quality Assurance Cell (IQAC) Annual Report



BHARATHIYAR
INSTITUTE OF ENGINEERING FOR WOMEN
DEVIVAKURICHI, SALEM - 636119



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem.

6.5.1: Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

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IQAC ANNUAL REPORT 2021-2022



IQAC ANNUAL REPORT FOR THE ACADEMIC YEAR 2021-2022

The Annual Report of IQAC is prepared based on the academic and administrative activities in the institution for the academic year 2021-2022. IQAC meetings are conducted periodically and the suggestions given by the members are recorded in the minutes of the meeting.

UNIVERSITY RESULTS

- Around 91% of final year students got passed in the UG and PG end semesters examination conducted by Anna University, during April/May2022.

NEW INITIATIVES

- AICTE has approved to start one new course, namely B.Tech. Artificial Intelligence and Data Science from the academic year 2022-2023.
- MOUs have been signed with Labgencix, Ava Software Pvt. Ltd, Neolysi Technologies Pvt. Ltd., Optimus Technocrates (India) Pvt. Ltd., Infortica Skill Services, Imagecon India Pvt. Ltd, Prime Tech Instruments, Christal Cadd Technology, Aagna Global Solutions, and Chian University.

RESEARCH AND DEVELOPMENT ACTIVITIES

- At present 6 faculty members are pursuing their doctoral program.
- The Project proposal as "Science Technology and Innovation Hub in Karumandurai village block of Kalvarayan Hills, Salem District, Tamilnadu State" was submitted to the DST.
- 229 Alumin's attended Alumni meet conducted on 12.10.2021 at BIEW Campus.
- Department of EEE Organizes FDP on "Image Processing and computer vision" on 10.01.2022 to 11.01.2022.
- All departments have conducted ISTE & IETE Sponsored Sixth International Conference on Research advances in Communication, Computation, Electrical Science and Structures by Resource Person Dr.R.Umamaheswari, Professor, CSE, Gnanamani College of Technology, Pachal (P.O), Namakkal 25.03.2022.
- Department of CSE was Conducted One Day WorkShop on "Mobile Application Development" Conducted by Resource Person Mr.M.Muthukannan, Senior Developer , Optimus Technocrates (India) Pvt, Ltd Salem on 7.4.2022.
- Training Programme was conducted on Problem Solving Methodology from 11&12th



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- Mrs.R. Kanimozhi ,AP/CSE Published the journal titled Affording Conservation to User's Particulars and Subside Power Capability of Sensor Nodes by Utilizing Cryptography and Clustering Algorithms Cryptography and Clustering Algorithms in the Neuro Quantology Journal, ISSN 1303-5150.
- Dr.P.Madhubala,ASP/CSE published the journal titled Profound Structured Convolutional Feed-Forward Artificial Neural Learning for Position Tracking In WSN, Industrial Engineering Journal, ISSN 0970-2555.
- Mrs.R. Kanimozhi , AP/CSE Published the journal titled A High Availability Algorithm for Hsdc Architecture Using Pipelined Technique, Periodica Mineralogia Journal,ISSN 0369-8963.
- Dr.P.Madhubala, ASP/CSE has published the journal titled Fused Medical Image Classification Based on Neighboring Pixel Centered Sparsity Classification Method With Artificial Bee Colony Optimization, Neuro Quantology Journal, ISSN 1303-5150.
- Mrs.K.C.Kavitha AP/EEE, has published the Journal titled Industrial Waste Gas And Pollution Control System, in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Ms.S.Akila,AP/EEE has published the Journal titled Dust And Over Heat Detection System of PV Module in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Ms.V.Gomathi,AP/EEE has published the Journal titled Single Motor Operated Wheelchair for Physically Challenged in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Mrs.R.Geetha, AP/EEE has published the Journal titled Efficiently Mining Frequent Item Sets on Massive Data in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Mrs.K.Priyadharshini ,AP/CSE has published the journal titled Crowd Sourced Mobile Mapping Services in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Ms.S.Vishnupriya, AP/CSE has published the journal titled Automatic Dependent Surveillance Broad Casting with Eye Iris Security in The International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Dr.P.Madhubala,ASP/CSE has published the journal titled CSE TUTOR HUB – An Online Learning Platform in The International Journal of Advanced Research Trends in



SEMINARS ORGANIZED FOR STUDENTS

During the academic year 2021 -2022 the following seminars are organized,

- IPR Seminar was conducted for 440 students with titled Significance of Tethering the Potential Within us to Apply Patent on 26.04.2022.
- EDC Seminar was conducted for 440 students with titled Placement Awareness Skill Development for Fresher's on 10.02.2022.

TRAINING PROGRAMMES FOR STUDENTS

The alumni students conduct more number of softskill, communication skill programs for our students

Odd Semester:

- Soft Skills training program was conducted with titled Decision making and 331 students were benefited
- Language and communication skills program as Communication Skills and Self Motivation was conducted by from 24.08.2021 to 25.08.2021.
- 331 students attended ICT and Computing Tools program as Photoshop from 14.09.2021 to 15.09.2021.

Even Semester:

- 358 students attended Language and communication skills program as Non- verbal and visual communication from 15.03.2022 to 16.03.2022.
- 358 students attended Skills Training program as Modern hygiene for the Modern Women on 19.04.2022.
- 358 students attended ICT and Computing Tools program as Skill development Programme on Microsoft Fundamentals from 04.05.2022 to 05.05.2022.


VALUE ADDED COURSE ORGANIZED

Odd Semester :

- 3d Modeling for a Broad range drawing by using Sketch Up -35 civil students
- Microsoft .Net Framework Certificate course-175 CSE students
- Design Analysis and Xilinx 7series Using FGPA-197 ECE students
- Printed Circuit Board Designing course-93 EEE students
- Functional English course-207 first year students

Even Semester:

- Power System and Solar Panels-93 EEE students
- Recent Trends in Embedded Systems using IOT course-197 CSE students
- Hands-On Data analysis using Python course-174 ECE students
- STAAD PRO course-35 Civil students.


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WORKSHOPS ORGANIZED

- Two days Workshop was conducted for 358 students with titled Entrepreneurial Finance and Venture Capital from 23.12.2021 to 24.12.2021.
- Two days Workshop was conducted for 458 students with titled Introduction to Big Data Analytics and its Research Issues from 03.06.2022 to 04.06.2022.

FDP/ WORKSHOP/CONFERENCES ATTENDED BY FACULTY MEMBERS

- 20 faculty members from various departments have attended in FDP, Workshop, Seminars organized by reputed Institutions.

STUDENTS' ACTIVITIES

1. Our Students had attended the contest of "Imagecon India "conduct engineers day award 2021 on 07.09.2021
2. Ms.R.Vinodhini, II ME CSE Student presented a paper titled "A Decision Prediction by Deep Learning Methods on Health Care Systems" in International conference on "ICRISEM-2022" At Tagore Institute of Engineering and Technology on 3rd and 4th June 2022.
3. Ms.P.Sowmiya, II ME CSE student presented a paper titled "Intelligence Aided Innovation Education Based on Multiple Intelligence" in International conference on "ICRISEM-2022" At Tagore Institute of Engineering and Technology on 3rd and 4th June 2022.
4. 70 students presented their papers in ISTE & IETE Sponsored Sixth International Conference on "Research advances in Communication, Computation, Electrical Science and Structures" at Bharathiyar Institute of Engineering For Women, Salem on 10.6.22.
5. Our Students have attended symposiums, workshops, seminars in various Engineering Colleges.

STUDENTS ACHIEVEMENTS

1. M.Vinotha, from second year CSE have won the 2nd Prize cash award Rs.500/- of Category B - Slogan in Tamil (Slogan writing competition in our Energy Conservation Week 2021 Celebration) Conducted by The Institution of Engineers (India),SALEM Local Centre, Salem.
2. B.Haritha from final year CSE got the "Eminent Engineer Award" from Imagecon India private limited on 15.08.2021.
3. III CSE T.Dharani won second price in "Photography Event" at Pavai Engineering College TECHFEN'21 on 27.08.2021.
4. B.Haritha from IV CSE got Second price cash award Rs. 10,000 from our Chief Minister for the event of State level English Speech Competition conducted by National Minority Commission, Tamilnadu Government at 3.6.22 at Guru Nanak Dev College, Salem-636 112.

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5. R.Nandhini from III CSE got Third price in debugging at Knowledge Institute of Technology on 03.06.22.

STUDENTS ATTENDED INTERNSHIP AND INPLANT TRAINING


- Third year Civil students went for internship training program at Deepam Infrastructures and Builders, Tiruvannamalai.
- Second year ECE students had undergone field work in NLC India Limited, Neyveli Industry. During their field work the power generation and coal mining process was observed by our students.
- Third year CSE had attended internship program in Odugga Tech, Salem, field work in Durga Tech, Coimbatore Industry and internship to Optimus Technocrats India Pvt Ltd, Salem

CLUB ACTIVITIES

- BIEW provides a platform for the students to exhibit their creative talents through various clubs actively functioning throughout the year.
- Women's Empowerment Cell, Entrepreneurship Development Cell, Red Ribbon Club, Yoga and Meditation Club, and Youth Red Cross Society actively conducted various events for the benefit of the students throughout the year.
- The Yoga and Meditation Club of BIEW conducts programmes throughout the year for faculty and students in a bid to promote their physical and mental health. Lectures on the importance of yoga, stress busting, stress management, and relaxation are delivered on a regular basis.

WOMEN EMPOERMENT CELL ACTIVITIES:

- International yoga day as conducted on 21.06.2021 and 117 students and faculties were benefited.
- 68 students participated in Green initiative Drive- Planting trees by girl student's event on 07.09.2021.
- Motivational Seminar for Women Students by Alumini Association was conducted on 08.03.2022, around 60 students were benefited.
- 93 faculties from various colleges were attended Psychological Motivation for women faculty on 12.07.2022.


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NSS, YRC & RRC ACTIVITIES:

- Awareness on corona by Red Ribbon Club on 11.10.2021.
- Diwali Celebration was conducted on 02.11.2021.
- Corona vaccination camp was conducted by Red Ribbon Club on 17.12.2021.
- World Food day was conducted by Youth Red Cross Club on 24.03.2022.
- Special Camp as Youth for Cleanliness was conducted by NSS Unit from 20.04.22 to 26.04.22 at Eklavya Girls Model Residential Higher Secondary School, Vaithyagoundanpudhur, Salem

ERP WORK

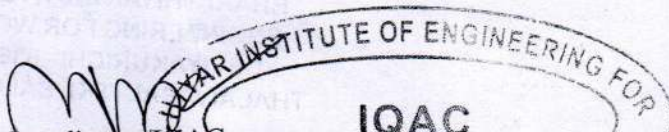
- In our college ERP system is implemented and more features have been added in the ERP module. Library Management System Module, Academic Module and Relevant reports, Exam Cell Module, Student Admission and fees Collection online Module and Staff Modules were implemented.

LIBRARY

- Library is the life blood of an academic institution it is an outstanding learning resource centre catering the ever growing and uncompromising information and intellectual requirements of the students, the faculties and researchers.
- The library has a total collection of more than 34,105 volumes of books relating to various engineering disciplines and Science & Humanities.
- The detailed NPTEL course materials can be accessed from the intranet web server. Our library has an official membership with DELNET facility.
- The library has separate periodicals section and subscribes 60 Journals of which 30 International and 30 National Journals and more E-Journals. The library received regularly Journals, News letters from following organizations and societies and provides the staff and students latest information's in technical education, research and development activities.

TRAINING AND PLACEMENT

- In the academic year 2021-2022, 161 students got placed in leading companies namely Elcompo Electronic Industries Pvt Ltd, Mitsuba Sical India Pvt Ltd, Hi - Tech Arai Pvt Ltd, Lead Pro Consultancy Pvt. Ltd, Aptiv Components India Pvt.Ltd and Caliber Interconnect Solution



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RESEARCH AND DEVELOPMENT ACTIVITIES

- EEE department had conducted ISTE & IETE Sponsored International Conference on Research advances in Communication, Computation, Electrical Science and Structures on 15.03.2021.
- 4 Faculty members have received FDP Certificate for the course they have completed.
- Ms.M.Romeekadevi, AP/Civil published a book in the title of Testing of Materials for Suchitra Publication.
- Department of ECE conducted Faculty Development Programme on Stress Management from 01.02.2021 and 02.02.2021
- Department of Civil Organizes FDP on Advanced Topics in Geotechnical and Transportation Engineering on 03.12.2020 to 04.12.2020
- 244 Alumni's attended the alumni meet on 11.12.2020 at 11.00 AM by online mode via ZOOM MEET.
- Dr.R.Punidha, Prof/CSE had published the journal titled Fruit Maturity Ad Disease Detection using Artificial Neural Network in International Research Journal of Modernization in Engineering Technology and Science, ISSN 2582-5208.
- Mrs.K.Saranya, AP/CSE had published the journal titled Identification of Stroke Diagnostic Classification using Machine Learning in Solid State Technology, ISSN 0038-111 X.

SEMINARS ORGANIZED

- Department of civil conducted seminar as Entrepreneurship opportunities in waste recycling on 10.10.2020.
- Department of CSE conducted in IPR Seminar as Intellectual property laws on 31.03.2021, in which 351 students participated

UNIVERSITY RESULTS

- Around 80% of final year students got passed in the UG and PG end semesters examination conducted by Anna University, during April/May 2020.

INDUSTRY COLLABORATION

- MOUs have been signed with Cadd Centre Training Services, Thulir Software Technologies Pvt. Ltd, Pearlsys, Deepam Infrastructures and Builders, Leadpro Consultancy Private Limited, Elcompo Electronics Industries Pvt. Ltd., Popular Systems and Mitsuba Sical India Private Limited.



VALUE ADDED COURSES ORGANIZED

Odd semester:

- E-TAB course -59 civil students attended
- Amazon web service development course-142 CSE students
- Emerging Trends in image signal processing, Embedded System and IOT course-239 ECE students
- SCADA course-122 EEE students
- Fundamentals of Computer -148 First year students

Even Semester:

- Auto CADD course -58 civil students
- Cyber Security-142 CSE students
- Wireless communication and mobile computing course -239 ECE students
- Maintenance of electrical appliance-122 EEE students
- Soft Skill Management course-148 First year students

WORKSHOPS ORGANIZED AS,

- Department of ECE conducted two days workshop titled as Research Methodology and Practices on Engineering and Technology from 16.10.2020 to 17.10.2020 and 326 students were participated
- Department of CSE conducted the Workshop as Career opportunities in Engineering Profession from 22.04.2021 to 23.04.2021 and 350 students were participated


TRAINING PROGRAMMES ATTENDED BY STUDENTS

Odd Semester:

- Language and Communication skills training program as Communicating with Confidence was conducted, where
- 421 students attended Life Skills training program as protecting your family against covid-19 on 09.11.2020.
- 421 students attended ICT and Computing Tools program as CorelDraw from 26.11.2020 to 27.11.2020.

Even Semester:

- Language and Communication skills as How to be a great conversationalist program was conducted for 296 students
- 290 students attended Life Skills training program as Do yoga for healthy living on 21.04.2021.


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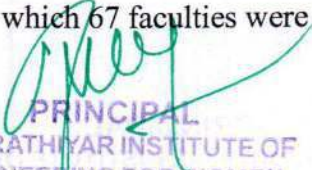
- 296 students attended ICT and Computing Tools program as Animation from 11.05.2021 to 12.05.2021.
- Soft Skills training program on effective body language from 16.6.2021 to 17.6.2021, in that 296 students were attended

STUDENTS ACTIVITIES & ACHIEVEMENTS

- More than 20 students attended workshop in various colleges.
- ECE student S.Sneka participated in Imagecon Engineers day award contest and got Eminent Engineer Award on 15 September 2020.
- Ms.S.Hasina Begam ,I/CSE had won the participation certificate in online Elocution Competition conducted by Anna University, Chennai.
- Ms.K.Brundhavanam I/CSE and Ms.J.Mehamani I/EEE had on the participation certificate in online Elocution Competition conducted by Anna University, Chennai with the title Traditional outdoor games of Jammu and Kashmir and Tamilnadu on 06.02.2021.
- Ms.M.Ramani and Ms.J.Aasha had won 2nd and 3rd prizes in Video competition on Food really brings us together: Cuisine Similarities & o Jammu, Kashmir & Tamilnadu organized by RUSA EBSB club of Anna University, Chennai conducted during 4.12.2020 to 30.12.2020.

WOMEN EMPOWERMENT CELL ACTIVITIES:

- International yoga day as conducted on 21.06.2020 and 127 students and faculties were benefited through google meet
- 79 students participated in motivation program as Poste covid Awareness and Management through Siddha Systems on 14.10.2020 through google meet
- WEC conducted Motivational speech on Gender equality on 20.11.2020 through google meet
- WEC conducted webinar for students and faculties in the title Motivational Progame On Open Your Mouth on 19.04.2021.
- Placement Empowerment Workshop was conducted on 23.04.2021, around 117 students were benefited.
- FDP was conducted on 22.05.2021 with titled Mastering the Effective Teaching Skills in which 67 faculties were participated through google meet.


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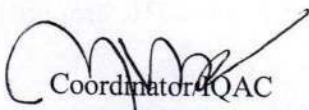
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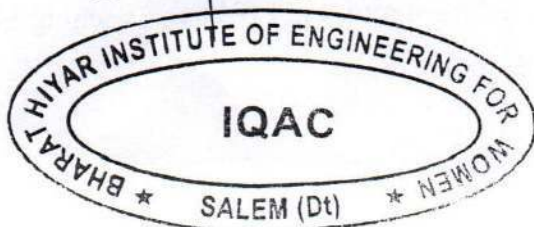
NSS, RRC & YRC ACTIVITIES:

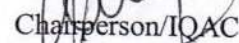
- Online webinar conducted by Red Ribbon Club on 15.10.2020 through google meet.
- Awareness Program on Wearing Mask conducted by NSS Unit on 17.10.2020 through google meet.
- Nilavembu Kudineer Distribution conducted by Youth Red Cross Club on 25.03.2021.
- Do yoga for healthy living seminar conducted by Red Ribbon Club on 21.04.2021.
- Transform to Professional Culture conducted by NSS Unit on 04.05.2021 through google meet.
- Career Opportunities event conducted by NSS Unit on 27.04.2021 through google meet.
- CHEW - THE - FAT Debate & Open Discussion on the Economic and Social Consequences of Current Scenario conducted by NSS Unit on 18.05.2021 through google meet
- International Day for Biological Diversity conducted by NSS Unit on 22.05.2021 through google meet
- International Yoga Day- The Art of Living event conducted by NSS Unit on 21.06.2021 through google meet.

TRAINING AND PLACEMENT

- In the academic year 2020-2021, 220 students got placed in leading companies namely Foxconn Hon Hai Technology India Mega Development Private Limited, Toppr Technologies Pvt. Ltd., Leadpro Consultancy Pvt. Ltd., Skoruz Technologies Pvt. Ltd, Rialto Enterprises Pvt. Ltd, Thulir Software Technology Pvt. Ltd, Elcompo Electronic Industries Pvt Ltd, Avasoftware Private Limited, Regitech Calibration Pvt Ltd, Vee Technologies , Infosys and Mitsuba Sical India Pvt Ltd.


Coordinator IQAC




Chairperson IQAC


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IQAC ANNUAL REPORT 2019-2020



IQAC ANNUAL REPORT FOR THE ACADEMIC YEAR 2019-2020

UNIVERSITY RESULTS

- Around 85% of final year students got passed in the UG and PG end semesters examination conducted by Anna University, during April/May 2020.

UNIVERSITY RANK HOLDERS

- Students Selvi S.Deepika of M.E. Communication Systems has secured 1st Rank in Anna University Exam.
- Selvi. S.Deepthi of M.E. Communication Systems has secured 6th Rank in Anna University Exam.
- Selvi R.Babyshalini of M.E. Computer Science and Engineering got 7th rank in Anna University Exam.

INDUSTRY COLLABORATION

- MOUs have been signed with Research Bridge, Zen Corp Techno Solutions, Effivity Technologies Pvt. Ltd.

RESEARCH AND DEVELOPMENT ACTIVITIES

- 10 Faculty members have received FDP Certificate for the course they have completed.
- Department of CSE had conducted ISTE & IETE Sponsored International Conference on Research advances in Communication, Computation, Electrical Science and Structures on 20.02.2020.
- Department of CSE Organizes FDP on Internet of Things on 26.11.2019 to 27.11.2019
- Department of CSE had conducted Workshop for faculties with titled Google Classroom Creation and Management on 21.05.2020.
- Department of Civil Organizes FDP on Latest trends in Construction on 11.12.2019 to 12.12.2019
- Ms.M.Romeekadevi, AP/Civil published a book in the title of Testing of Materials for Suchitra Publication.
- 305 Alumni's participated in Alumni meet on 22.08.2019.
- Dr.R.Punitha, Prof/CSE had published the journal titled MRI-Based Medical Image



FDP/ WORKSHOP/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Workshop-32
- FDP-7

SEMINARS & WORKSHOPS ORGANIZED

- Department of civil conducted two days workshop titled Entrepreneurship Development Training to start your own Business from 27.09.2019 to 28.09.2019, in which 443 students were attended
- Department of civil conducted for 398 students with the title ,Roadmap to become a member in the Success factory from 21.10.2019 & 22.10.2019.
- Department of EEE conducted seminar titled The Secret to Start a Start-Up to achieve Your Dream on 24.01.2020.
- Department of EEE conducted the seminar titled Intellectual Property Rights Awareness Program on 25.04.2020.

VALUE ADDED COURSES ORGANIZED

Odd semester:

- Revit Architecture course -93 civil Students
- Full Stack Developer-150 CSE Students
- Emerging trends in Image Signal Processing, Embedded System and IOT from -269 ECE Students
- Industrial internet of things course-153 EEE Students attended
- Personal Development Skills-145 First year students

Even semester

- CADD course-92 civil students
- Ethical hacking-150 CSE Students,
- Modeling, Simulation and Implementation using MATLAB and ORCAD -269 ECE Students.
- Maintenance of Electrical Appliance-153 Students
- Quantitative Aptitude-145 First year students

TRAINING PROGRAMMES ATTENDED BY STUDENTS

Odd Semester:

- ICT and computing skills oriented Skill development Programme on IOT from 28.08.2019 to 29.08.2019.



- 357 students participated Language and Communication Skills Oriented Barriers to Effective Communication program from 24.09.2019 to 25.09.2019
- 357 students participated Life Skills oriented training program as YOGA AWARENESS on 27.09.2019

Even semester:

- ICT and Computing Skill Development Program on Web Designing was conducted from 29.01.2020 to 30.01.2020.
- Language and Communication Skills training program as verbal and nonverbal communication wa conducted from 17.02.2020 to 18.02.2020.
- 455 students attended Life Skills training program as Food Safety and Food Security on 27.02.2020.
- 455 students attended Soft Skills training on Adaptability from 10.03.2020 to 11.03.2020.

STUDENTS ACHIEVEMENTS

- ECE student M.Gayathri Got Second price in Paper Presentation conducted at Tagore Institute of Engineering and Technology on 21.02.2020.
- ECE student M.Gayathri Got First price in Quiz event conducted at Tagore Institute of Engineering and Technology on 21.02.2020.
- ECE student S.Meena Got Second price in Quiz event conducted at Muthayammal College of Engineering on 21.02.2020.
- ECE students J. Kiruthika got first prize in volleyball competition, R.Elavarasi got second price in Rangoli competition and M.Gayathri got first prize in paper presentation at BIEW.
- EEE students S.Tamilselvi , A.Archana and P.Nithya got prices in paper presentation events conducted by AVS College of Engineering on 24.02.2020.

NSS,YRC & RRC ACTIVITIES

- NSS activity as Motivational Program Dream it, Do it, The Dream is Still Alive was conducted on 08.07.2019.
- NSS activity as Nature Conservation Day- Speech Competition was conducted on 26.07.2019
- NSS activity Plastic Free Villages – Drive was conducted on 02.10.2019.
- NSS activity as One Student One Tree - Tree Plantation Drive was conducted on 15.08.2019



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- NSS activity as CORONA Virus Symptoms and Preventive Measures was conducted on 13.02.2020.
- NSS activity was conducted Special Camp - "Youth for Cleanliness at Eklavya Girls Model Residential Higher Secondary School, Vaithyagoundanpudhur from 06.01.2020 to 12.01.2020.

WOMEN EMPOWERMENT CELL ACTIVITY:


- Women Empowerment Cell organized an International yoga day on 21.06.2019 where around 96 Students attended and got benefited.
- WEC conducted various seminars as Awareness on Consumer Rights and Leadership qualities for Women.
- WEC conducted the Diwali celebration was done with sweets and to all students on 25.10.19.
- Motivational Speech on Time management for women was conducted for 66 students on 23.01.2020.
- Class room management training for Women program was conducted for 274 students and faculties attended on 14.07.2020.

TRAINING AND PLACEMENT

- 18 students of our final year were attended the "Cognizant Online" examination conducted by Anna University on 11.10.19.
- 9 students from ECE and 12 students from EEE were attended the "Wipro Online" examination at Sona Engineering College on 18.10.19.
- 6 students of our final year students were attended the "Infosys Online" examination at Sri Eswar Engineering College, Coimbatore on 01.11.19.
- In the academic year 2019-2020, 146 students got placed in leading companies namely Aptiv Components India Pvt Ltd., Leadpro Consultancy Pvt. Ltd., Elcompo Electronic Industries Pvt Ltd, Mitsuba Sical India Pvt Ltd, Hi - Tech Arai Pvt Ltd, Caliber Interconnect Solution, Caliber Interconnect Solution.


Coordinator IOAC
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IQAC ANNUAL REPORT FOR THE ACADEMIC YEAR 2018-2019

NEW INITIATIVES

- MOUs have been signed with Labgencix, Ava Software Pvt. Ltd, Neolysi Technologies Pvt. Ltd., Optimus Technocrates (India) Pvt. Ltd., Infortica Skill Services, Imagecon India Pvt. Ltd, Prime Tech Instruments, Christal Cadd Technology, Aagna Global Solutions, Chian University.

RESEARCH AND DEVELOPMENT ACTIVITIES

- Civil department had organized ISTE & IETE Sponsored International Conference on Research advances in Communication, Computation, Electrical Science and Structures on 11.03.2019.
- Department of EEE Organizes FDP on Advanced Leadership Skill on 27.05.2019 to 28.05.2019.
No. of Participants: 64
- Department of Civil Organizes FDP on Design Engineering on 22.05.2019 to 28.05.2019
No. of Participants: 10
- Dr.R.Punidha have published the journal paper titled Analysis of Dataset in Social Media using K-Means Genetic Algorithm in International Journal of Pure and Applied Mathematics, ISSN 1314-3395
- Dr.R.Punidha had published the journal paper titled Preserving Ddos Attack using Node Blocking Algorithm in International Journal of Pure and Applied Mathematics, ISSN 1314-3395.
- Dr.R.Punidha had published the journal paper titled Ineteger Wavelet Transform based Approach for High Robustness of Audio Signal Transmission in International Journal of Pure and Applied Mathematics, ISSN 1314-3395.

FDP/ WORKSHOP/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Fdp-12
- Workshop-15
- Conference-12

SEMINARS ORGANIZED

During the academic year 2018-19 the following seminars are organized,

- Department of ECE conducted Seminar titled Role of IPR in a Global



WORKSHOPS ORGANIZED

- Department of EEE conducted two days Workshop was conducted titled Entrepreneurship and motivation as career opportunity from 27.09.2018 to 28.09.2018
- Department of Civil conducted two days Workshop titled Research paper writing and publication on from 14.09.2018 to 15.09.2018.

TRAINING PROGRAMMES

Odd Semester:

- ICT and Computing Tools program as Cyber Security program was conducted for 407 students
- Soft Skills training program was conducted for 407 students
- Language and communication skills program as Formal and Informal Communication from 10.09.2018 to 11.09.2018.
- Life Skills Training program as Global Handwashing Day on 03.10.2018.

Even Semester:

- Language and communication skills program as Interpersonal Communication Strategies/Skills was conducted for 484 students.
- 418 students attended Skills Training program on Team Work on 14/3/19 to 15/03/19
- 484 students attended ICT and Computing Tools program as R Programming Tool from 19.02.2019 to 20.02.2019.
- Life Skills development training program was conducted for 507 students on 06.03.2019.

VALUE ADDED COURSES ORGANIZED

Odd Semester :

- Sketch Up course conducted -128 civil students
- Machine learning Using Python course-160 CSE students
- Digital image processing using MATLAB course-311 ECE students
- Autocad electrical course-158 EEE students
- Environmental Pollution & Waste Management course-264 first year students

Even Semester:

- STAAD PRO course-128 students
- IOT with Raspberry PI course -160 students
- IOT USING AURDINO course-311 students
- Smart industrial safety solution course -158 students


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STUDENTS' ACTIVITIES

- 22 students attended symposium events in various colleges
- 82 students attended workshops at various colleges.
- Student J.Abinaya from ECE got second prize in Paper Presentation event at Kavery Engineering College on 13.02.2018.
- Students V. Nishanthini and P. Saranya Devi from ECE got First Price In Paper Presentation Event at Knowledge Institute of Technology On 25.02.2019.

STUDENTS ATTENDED INTERNSHIP AND INPLANT TRAINING

- 44 civil students attended Inplant training at Jeeva builders, Mangadu, Chennai from 07.11.2018 to 18.11.2018.
- 5 EEE Students attended Inplant Training at Mettur Thermal Power Station from 10.06.2019 to 14.06.2019.

WOMEN EMPOWERMENT CELL ACTIVITIES:

- Women Empowerment Cell organized an International yoga day on 21.06.2018 where around 197 Female Students and Faculty members attended and got benefited.
- WEC conducted various seminars as Self defense training programme and Role of Women in Nations Development for women
- 247 students attended the Awareness Programme on Prevention of Sexual Harassment of Women on 22.08.2018.
- 98 students and faculties attended Traffic and Road Safety: Awareness Programme for Women on 10.09.2018.
- WEC conducted the program as Awareness for Person with Disabilities on 08.10.2018.
- 47 students attended motivation program titled Gift yourself- Motivational Programme for Women on 18.01.2019.

NSS, YRC & RRC ACTIVITIES:

- Awareness programme on self hygiene and cleanliness was conducted by NSS Unit on 21.07.2018
- Tree plantation was conducted by Youth Red Cross Club on 14.08.2018
- Importance of yoga was conducted by NSS Unit on 21.08.2018.
- International day of peace was conducted by NSS Unit on 21.09.2018.
- Global handwashing day was conducted by Red Ribbon Club on 3.10.2018
- Special Camp - Healthy Youth for Healthy India was conducted by NSS Unit on 02.01.2019 - 08.01.2019

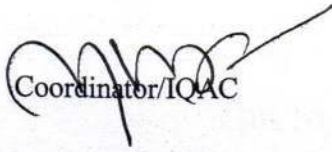


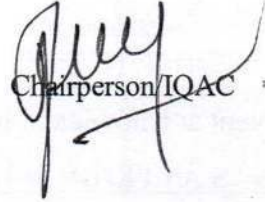
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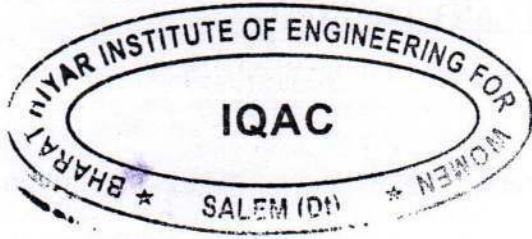
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TRAINING AND PLACEMENT

- In the academic year 2018-2019, 225 students got placed in leading companies namely Flex, Bank Street, Lead Pro Consultancy Pvt. Ltd., Toppr Technologies Pvt. Ltd., Flextronics, and Mitsuba Sical India Pvt Ltd.


Coordinator/IQAC


Chairperson/IQAC




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IQAC ANNUAL REPORT 2017-2018



IQAC ANNUAL REPORT FOR THE ACADEMIC YEAR 2017-2018

The Annual Report of IQAC is prepared based on the academic and administrative activities in the institution for the academic year 2017-2018. IQAC meetings are conducted periodically and the suggestions given by the members are recorded in the minutes of the meeting.

UNIVERSITY RANK HOLDERS

The following students got university rank at Anna University exams, during April/May 2018.

- Student Ms. K.Pavithra of B.E Computer Science and Engineering has secured 29th Rank.
- Student Ms. M.Mohanapriya of B.E Computer Science and Engineering has achieved 38th Rank.
- Student Ms.V.Indhu of B.E Computer Science and Engineering has achieved 44th Rank.
- Student Ms. P.Sathya of M.E Communication Systems has secured 20th Rank.

UNIVERSITY RESULTS


- Around 60% of final year students got passed in the UG and PG end semesters examination conducted by Anna University, during April/May 2018.

NEW INITIATIVES

- MOUs have been signed with Elcompo Electronics Industries Pvt. Ltd., Popular Systems , Mitsuba Sical India Private Limited, Cadd Centre Training Services, Thulir Software Technologies Pvt. Ltd, Optimus Technocrates (India) Pvt. Ltd., VEE Technologies Pvt. Ltd and Christal Cadd Technology,

DEPARTMENTAL ACTIVITIES & PROJECT PROPOSALS

- One Project proposal as “PRERANA-Programme Centre for SC/ST” was submitted to the AICTE 2018.
- ECE Department organized ISTE & IETE sponsored International Conference on “**Research Advances in Communication, Computation, Electrical Sciences and Structures**” on 20th March 2018.
- EEE department organized Training Programme on Interpersonal Skill on 18.06.2018.
- Department of ECE Organizes FDP on Personality Development on 16.05.2018 to 17.05.2018.
- Mini project exhibition was conducted among all department students on 4th Oct in our college.
- Alumni meet was conducted on 11.08.2017 at BIEW campus.


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- BIEW providing necessary equipments and playing fields in order to improve team spirit and to boost up the fitness among students. Our students achieved in various Sports activities. Anna University Zonal tournament (Ball Badminton-Women) was conducted at our campus and we got 4th place in that tournament. On behalf of Anna University Sports Board, Our college Physical director acted as Manager for Inter-University Volley ball (women) tournament in Andhra University.
- Our faculty members attended NBA awareness workshop on 04th Aug at Anna University, Chennai. Soft skill program was conducted for faculty members, and they attended faculty orientation programs in various colleges.

JOURNALS PUBLISHED BY FACULTIES


- Dr.R.Punitha, Prof/CSE had published the journal titled Segmentation of Brain Tumor MRI Based on Particle Swarm Optimization in International Journal of Pure and Applied Mathematics, ISSN 1311-8080.
- Mrs.K.C.Kavitha, AP/EEE had published the journal titled Electrical Fault Detection in Permanent Magnet Synchronous Motor using Artificial Neural Network in the International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777.
- Mrs.M.Sowmiya,AP/ECE had published journal paper titled Power Resourceful Monitoring of Cooperative Spectrum Sensing in Cognitive Sensor Network, ISSN 2394-3777.

SEMINARS AND WORKSHOPS ORGANIZED

- Seminar titled Cloud Technology and Its Implications for Entrepreneurship for 367 students.
- Green Energy and Sustainable Smart City Planning workshop was conducted and 407 students were benefited.
- Two days Workshop on Mobile Application Development was conducted from 06.04.2018 to 07.04.2018.
- Intellectual Property Rights & Patent Publication seminar was conducted on 27.03.2018.

TRAINING PROGRAMMES

- Soft Skills training on Soft skills training on critical thinking was conducted and around 500 students were benefited.
- Language and communication skills program as Effective Communication Skills and ICT and Computing Tools program as Skill development Programme on Net from was conducted and most students were benefited.


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- Life Skills Training program as Dengue Awareness Program was conducted on 23.09.2017.
- Skills development training program on Soft skills training on Time Management was conducted from 16.02.2018 to 17.02.2018.

VALUE ADDED COURSE ORGANIZED

The value added course was conducted two time in every year and students improve their skills and benefited.

Odd semester:


- E-Tab course-162 Civil students
- Web Designing & Hosting course -155 CSE students
- Semiconductor Technology course-298 ECE students
- Testing of Engineering Material-159 EEE students
- Creativity and Problem Solving course -262 First year students

Even Semester:

- CADD course-162 Civil students
- Data analysis with R course-155 CSE students
- Robotics and Automation course-298 ECE students
- Basic industrial automation-159 EEE students
- Enhancing Interpersonal Skills in Carriers-259 first year students

WOMEN EMPOERMENT CELL EVENTS

- Women Empowerment Cell organized an in International yoga day on 21.06.2017 where around 149 Female Students and Faculty members attended and got benefited.
- Women Empowerment Cell organized more seminar programs as Women Employability and Awareness on Self Defense for girls students
- Women Empowerment Cell conducted faculty development program and motivational program for faculties.
- Training program was conducted for students in Computer application on 23.01.2018.
- 97 participants attended Women Hygiene: Grooming session for students on 03.02.2018
- 306 students and staffs participated in Women's day celebration event titled Equality for women are progress on 08.03.2018.


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EXAM SECTION:

- Exam Cell Controller (ECC) takes care of the exam section, where the database of overall exam section is managed by the co-ordinator.

SPORTS AND CULTURAL

- The sports complex has an exclusive committee, which takes care of overall sports complex amenities and activities, and it also take care for maintenance of sports amenities at regular intervals. The physical education director takes care about overall sports activities. The individual departments have got their own sports and cultural committee.

FDP/ WORKSHOP/CONFERENCES ATTENDED BY FACULTY MEMBERS

- FDP-35
- Conference -4

STUDENTS' ACTIVITIES

Students participated technical and non-technical events in various colleges.

- Symposium -66
- Workshops -108

STUDENTS ACHIEVEMENTS


1. Our Students got prizes and won trophies in Symposium activities, Quiz, Paper presentation and Poster presentation event in various colleges. And three students Won in Quiz Competition conducted by "Texas Instruments" and they received Microcontroller kit worth Rs.1000.
2. EEE student V.Aruljothi got second place in debugging event at Muthyammal Engineering College on 21.11.2017.

STUDENTS ATTENDED INTERNSHIP AND INPLANT TRAINING

- Third year civil students attended internship at SPR Grand Buildtech Pvt Ltd
- EEE students from third and final year attended Inplant training at Tamilnadu Generation and Distribution Corporation Ltd.

NSS, YRC&RRC ACTIVITIES:

- International Day of Yoga event conducted by NSS Unit on 21.06.2017.
- Food Safety & Security event conducted by NSS Unit on 22.02.2018.
- Leadership And Skill Development Program conducted by NSS unit in association with Mrs.R.Nandhini, ARAM- IAS Academy on 16.03.2018.
- Special Camp -Healthy Youth for Healthy India event conducted by Youth Red Cross Club from 02.01.2018 to 08.01.2018.


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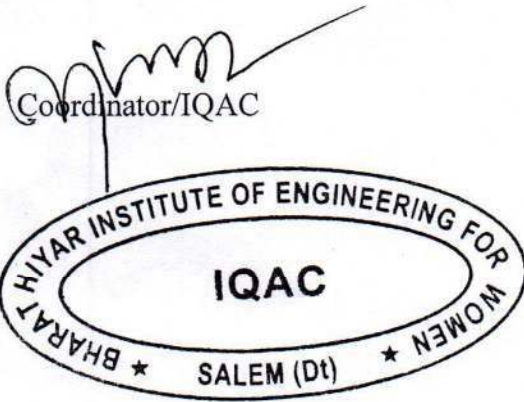
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- Campus Cleaning Program was conducted by Youth Red Cross Club on 27.02.2018.
- Yoga Activity event by Red Ribbon Club on 13.03.2018.
- Rally for blood donation was conducted by Red Ribbon Club on 06.09.2017.

TRAINING AND PLACEMENT CELL

- In the academic year 2017-2018, 169 students got placed in leading companies namely Lead Pro Consultancy Pvt. Ltd., Aagna Global Solution Pvt. Ltd, Vee Technologies Pvt. Ltd., Aagna Global Solutions Pvt. Ltd, Thulir Software Technologies Pvt. Ltd, Elcompo Electronic Industries Pvt Ltd and Mitsuba Sical India Pvt Ltd.



Chairperson/IQAC

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