



IDHAYA ENGINEERING COLLEGE FOR WOMEN

CHINNASALEM-606 201, KALLAKURICHI DISTRICT, TAMIL NADU, INDIA.

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.

2(f) Status of UGC, An ISO 9001: 2015 Certified Institution

A Christian Minority Institution run by the Franciscan Sisters of the Immaculate Heart of Mary Society, Puducherry.

Phone: 04151-258325, 258326

Website: www.iecw.edu.in

Email ID: indhaya@iecw.edu.in

Annual Report for the Academic Year 2019-2020

Introduction

Respected and Esteemed Dignitaries, Pavalar Arivumathi, Lyricist, Chennai, Dr. A. Bharathi Rani, Assistant Professor, Advanced Research Centre for Tamil, Alagappa Government Arts College, Karaikudi, Rev. Mo. John Britto Mary, Secretary, Dr. R. Gurumani, Principal, Dr. Sr. Jenitta, Vice Principal, Rev. Sr. Clara Mary, Administrator, Heads of the Departments, Faculty members, Parents, Students, Well-wishers, Media Reporters and other Dignitaries, a very warm Good evening to one and all.

History of FIHM Congregation

The Congregation of the Franciscan sisters of the Immaculate Heart of Mary (FIHM) had its foundation in Pondicherry on 16th October 1844. The proud privilege of the congregation is that, it is the First Indigenous Women Religious Congregation in the continent of Asia. The founder of the congregation is the Servant of God Louis Savinien Dupuis MEP, a French missionary. He founded a formal school for girls in 1844 at Pondicherry. Following his footsteps, the sisters concentrated on starting educational institutions towards the empowerment of women and presently administer around 160 educational institutions in India and foreign countries.

About IECW

Idhaya Engineering College for Women (IECW) was established in the year 2001 with the mission of providing quality technical education to the deserving women in a conducive and Christian atmosphere. The vision of the college is “Academic excellence and Character formation”. And the motto is “To Build a Better World”.



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The College currently offers four UG programmes, namely Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Information Technology. The college also offers two PG programmes—namely M.E, Computer Science and Engineering and M.E, Communication systems. The strength of our college consists of 343 students.

Quality Management System at IECW

- IECW is an ISO 9001:2015 certified institution.
- It has 2(f) status of University Grants Commission (UGC), New Delhi.
- Two UG programmes such as Computer Science & Engineering and Electronics & Communication Engineering are permanently affiliated with Anna University, Chennai
- As a striving Centre of Excellence around 2500 women engineers with multifaceted skills were being formed since 2001 among them, 11 were received University Ranks so far.

Installation and Modernizing of Labs

To cater the needs of students under Regulation 2017,

- New equipments were purchased for Control & instrumentation Lab of EEE Department at the cost of Rs.1,25,00/-
- SDR training system – USRP.B200 was purchased for Communication systems Lab of ECE department at the cost of Rs.1,65,000/-
- Establishment of a new Renewable Energy Lab worth about Rs.7 lakhs of EEE department is in progress.

Excellence of Idhaya

The faculty members of the institution are actively involved in setting of question papers for UG and PG programmes for the affiliating university and autonomous institution.



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We have introduced 10 add-on courses for the enhancement of the students' knowledge in which 265 students from various programmes have participated. This enabled the students and faculty members to enrich their subject competency and expertise in their desired discipline and for the growth of the institution. The syllabi for the same were designed by the faculty members based on the students and industrial needs.

The faculty members have been assigned Examiner / Vice-Chairman for the centralised valuation and External examiner for practical examinations of the Anna University for both odd and even semester and also, they have been assigned as a hall superintendent for the theory examinations of the university.

All the department have arranged industrial visits, in-plant training and internships to the students of UG and PG programmes. Totally 89 courses were underwent for the above.

We, highly trust that there is a considerable improvement in communication, collaboration, execution, innovation, strategy, engagement, partnering and relationships with all stakeholders. So, we collect student's feedback, alumnae feedback and stakeholders' feedback with various parameters in regular basis and suggestion boxes / complaint register were kept in important places to get feedback. All of them are analysed through scientific approach, which direct us in achieving our vision and mission.

A total number of 66 students were admitted under various categories as per applicable reservation policy of the government for all disciplines in both UG and PG programmes.

We maintain 6:1 student-staff ratio of admitted students against the recommended ratio of AICTE which is 20:1 for UG and 15:1 for PG of sanctioned



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Mentor-Mentee system plays an important role in character formation and academic excellence of the students. Every mentor will be assigned maximum of 15 mentees and they will constantly be helping and guiding them to be a successful graduate.

The total number of students passed in the final end semester of the programme for the academic year 2019-20 is 104. Degree certificates will be issued to the successfully completed students in the Graduation Day.

Many numbers of research proposals were forwarded to the various funding agencies for grant of research funds.

Dr. Sr. A. Jenitta of ECE department & Dr. A. Praveena of Chemistry department were recognised as a research supervisor of Anna University from 2018.

ITEIC organised 6 events in research workshops in which average of 100 participants were enrolled.

Sr. Jansi Sophia Mary and Sr. Arockia Jaya from the department of Computer Science and Engineering are enrolled for part-time research programme in Anna University during the academic year 2019-20.

5 research papers were published in national and international journals and 38 papers were published in National and international conference.

11 numbers of extension activities through NSS / YRC / RRC / Rotaract were organised.

343 of our students participated in extension activities such as Swachh Bharat, AIDs awareness, Gender issue etc., conducted in collaboration with industry, community and Non-Government Organizations.



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Our college signed MOU with 4 companies in order to enhance the students' knowledge and hands on experience in the cutting-edge technologies to improve their research skills.

We are equipped with campus-LAN and Wi-Fi to conduct the classes through online mode and any issues regarding the network issues are sort-out systematically by IT support team.

Central library in the Administrative Block possesses 20,607 volumes of printed books and 450 volumes of E-Books for the benefit of students, faculties and researchers. The library subscribes bulk number of career guidance and scientific magazines and 2,500 online national and international journals. It also offers book bank scheme to all SC / ST students.

Automation through barcode, usage of institutional repository software, DSPACE for all the users to browse e-books and back volumes of thesis and dissertations, exclusive section for digital library and video classes, NPTEL video materials, institutional membership in Anna University, DELNET, NDL, CSI and ISTE are the highlights of the library. Faculty members and students are facilitated to enrol NPTEL Massive Open Online Courses in every semester. Some of the courses were recognized as FDP which can be used for promotion under Career Advancement Scheme.

180 numbers of computers are available for students and we maintain 2:1 students-Computer ratio at our college.

30 MBPS leased line Wi-Fi connectivity is available in the campus.

More than 90% of the admitted students are benefiting through various scholarship schemes such as PMSS, FGG, BC/MBC welfare scheme and minority merit-cum-means scholarships and institutional scholarship scheme.



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Student development cell constantly encourage and organize several programmes to equip them through online certification course such as NPTEL, COURSERA, etc. Motivate them to participate in intra and inter-college project contest and undergo internships. Students were encouraged to participate in seminars, symposiums, conferences, webinars and guest lectures organised periodically for development of the students. They also encouraged to participate in life skill programmes regularly.

To enhance the technical skill of the students, ICA TECHFEST is regularly conducted. On 29th February 2020, Events like Paper Presentation, Multimedia Presentation, Debugging, Web designing, Ad-Zap, JAM and Technical Quiz were conducted and prizes were given.

Our college provide adequate opportunities and training to appear in various competitive exams such as GATE, TANCET and BSRB exams.

Our placement cell organised various on-campus and off-campus recruitment drives and issued offer letters of the companies to 60 Students with a minimum package of 1.5 lakhs per annum.

3 students have been qualified and selected for pursuing higher education during the academic year 2019-20.

Awards, rewards, appreciation are the real morale booster for the student and staff members. Our management recognised them properly by rewarding them in common functions and in flyers day.



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S. No.	Name of the Award	Name of the Team/ Faculty/ Student/ Patent
1.	Best Team <i>(Overall Championship in academic performance, Co-curricular, Extra-Curricular and Sports activities)</i>	Power Sparks
2.	Best College Ambassador	Mrs. R.Rajeswari Lab Instructor/ECE
3.	Best Faculty Publisher	Mr.S.Jayaprakash Asso.Prof./CSE
4.	Budding Researcher - Student	R.M Mangayarkarasi, IV/CSE V.Udhayanila IV/EEE G.Merlin Joyana IV/ECE S Hemalatha IV/IT
5.	Best Library User - Faculty	Dr.S.Jayasundar HoD/CSE
6.	Best Library User - Student	Ms.P.Bharani IV year/EEE
7.	Best All Rounder - Student	S.Sandhiya IV/CSE S.Mangaiyarkarasi IV year/EEE J.Leela Roslin IV /ECE J.Gowshika IV year/IT



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8.	Academic Excellence	S.Soundarya II/ME CSE
		A.Dhanisha Banu, IV/CSE
		C.Matheswari, III/CSE
		M.Bharathi, II/CSE
		K.Sri Swarna Dharshini IV/EEE
		A.Santhini III/EEE
		M.S.Sowmiya II/ME CS
		J.Leela Roslin, IV/ECE
		G.Madhurasree, III/ECE
		J.Gowshika, IV/IT
		S.Ananthi, III/IT
		J.Rosy, II/IT
9.	Best Motivator - Parent	Mrs. M.Lakshmi,
		M/o M.Savitha , I year/CSE
		Mr. J. Anthony Raj
		F/o A.Ancy, I year/CSE
		Mr. C.Ramesh
		F/o R. Baby Kalaiarasi, II year/CSE
		Mr. T. Thamizarasi
		M/o T.Ramya, II year/CSE
		Mr. V. Balachandran
		F/o B. Yuvasree, II year/CSE



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Mr. N. Ramesh F/o R. Rajeshwari, III year/EEE
Mr. R. Sakthivel F/o S. Mangaiyarkarasi, IV year/ EEE
Mr. G. Sangeetha M/o G. Shalini, I year/ECE
Mr. R. Renghambal M/o R. Mugila, I year/ECE
Mr. S. Chozhan F/o C. Jothika, I year/ECE
Mrs. B. Pazhaniyammal M/o B. Praveena, II year/ECE
Mr. J. Panneerselvam F/o P. Maheswari, IV year/ ECE
Mr. S.Selvaraj F/o S.Abinaya, I year/IT
Mrs. P. Amutha M/o V. Saranya, I year/IT
Mrs. S. Vasanthi M/o S. Yamunasri, II year/IT

Every year, various Sports events are conducted regularly for the students inside the college premises and also students are motivated to participate in university level sports meet. Our students bagged many prizes and medals at



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Anna University zonal and inter-zonal level sports meet every year. Our college team got overall championship through securing 17 Gold Medals, 10 Silver Medals and 3 Bronze Medals with the overall score of 140 points in Anna University Zonal Athletics. Our College Shuttle Badminton Team got First place among 10 Colleges participated in Anna University Zonal Level Women Shuttle Badminton Tournament, Ball Badminton Team of our college got First place among 10 Colleges participated in Anna University Zonal Level Women Ball Badminton Tournament. Kallakurithi District level Chief Minister Trophy, Sports and Games Competition held on 19th to 21st February, 2020. In that, 3 students got Gold medal, 2 got Silver medal and 2 got Bronze in Athletics and our College Shuttle Badminton team got second place and won cash awards.

Our management is generous to provide financial support to 10 faculties for to attend conference, workshops and towards membership fee for professional bodies.

56 Faculty members had attended professional development programs in this academic year.

12 Faculty development and training programs were organised.

Regular Academic Assessment Audit is done by IQAC team and if necessary External expert audit is also carried out. Surveillance audit is done by the BSI for the effective implementation of QMS as per ISO 9001:2015 version.

Our college celebrates Independence Day, Republic Day, Teachers Day, Engineers Day, Bible Day, National Youth Day, National Science Day, International Women's Day, International Day of Yoga, International Plastic Bag Free Day, World Environment Day, World Water Day and World Clean-up Day and religious festivals such as Ayudha Pooja, Diwali, Christmas and Pongal. To



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create bond between senior and junior students, we organise fresher's day to welcome first year students and farewell day to bid adieu for final year students.

Institutional Social Responsibility (ISR) Activities:

- To empower the nearby rural based students and staff in the technical field by sharing our resources, "Hands on training Programme in Computer Skills" was conducted to the students of Thottiyam Government School students and teachers on 27th January 2020.
- Around 200 students from nearby Government Schools have been visited our College campus under Villupuram District Rastriya Avhiskar Abhiyan Scheme on 13th February 2020 & 17 February 2020. The students were oriented about recent trends in Engineering and motivated on life skills by our faculty members.

Conclusion

Finally, we conclude that all the activities and achievements for the academic year 2019-20 are rooted in the same soil of sweat and toil of our stakeholders by the grace of God almighty. We expect the same kind of co-operation, commitment and dedication from the faculty, the students, administrators and well-wishers of this college to uplift IECW as the centre of excellence.


PRINCIPAL

Dr.R.GURUMANI, M.E., Ph.D., M.B.A., M.ISTE., F.I.E.,
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Conclusion

We the faculty, the students and administrators of this college would like to pledge that all of us committed together harmoniously to provide highly disciplined and enterprising women professionals with very good character and academic excellence with a motto "BUILD A BETTER WORLD".

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