



IDHAYA ENGINEERING COLLEGE FOR WOMEN

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

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

NAAC Accredited, ISO 9001: 2015 Re-certified, 2(f) Status of UGC

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 2021-2022

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”.

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.

IQAC at IECW

IQAC ensured the quality of academics and administration for the academic year 2021–2022, putting into place effective strategies through



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various committees and cells to set the action plans and carry out the necessary for implementations in the departments efficiently, with the support, facilities, and approvals from the principal and concerned bodies.

Effects of the implementation are thoroughly examined in the annual report that the committees submit as well as the internal Academic and Administrative audit of all the departments. Quality improvement approaches are applied in infrastructure facilities, student support progression, leadership, and e-governance. The faculty evaluations are reviewed at, and financial rewards are awarded, based on academic performance and other responsibilities and duties the faculty has throughout the year.

Dissemination of top-notch techniques, including feedback reports, rules for proper lab practice, recommendations for teaching and learning, and research initiatives. During campus recruiting trainings, the adoption of quality improvement approaches resulted in successful placements in well-known sectors. The student's cultural and social awareness was enhanced through their involvement in blood donation camps, the Swatch Bharat Abhiyan, and other programmes. Special attention is paid to the progress of weak students by scheduling additional classes. The library has a digital collection, the appropriate electronic journals, and the books that IQAC has recommended. The expenses of the faculty's participation at conferences, workshops, and writing projects are covered.

- 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



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Excellence of Idhaya

The institution's academic members actively participate in the creation of the UG and PG examination questions for the affiliating university and autonomous institution.

For the purpose of expanding the students' knowledge, we launched 12 add-on courses, and 194 students from various programmes took part. As a result, both the staff and the students were able to advance their knowledge in their chosen fields and contribute to the institution's success. The curriculum for the same was created by the faculty depending on the demands of the industry and the students.

Faculty members are designated as Examiners and Vice-Chairmen for the centralised valuation and chief superintendent of Anna University for both the odd and even semester exams. They also have the responsibility of designing exam questions for a number of autonomous institutions and other universities.

For the students of UG and PG programmes, every department has organised industry trips, in-plant training, and internships. In total, 12 courses were taken for the aforementioned.

We have a strong belief that relationships with all stakeholders have significantly improved in terms of communication, cooperation, execution, innovation, strategy, engagement, and partnering. Therefore, we regularly get feedback from our students, alumni, and stakeholders using a variety of criteria, and suggestion boxes and complaint registers were placed in strategic locations to collect feedback. The scientific analysis of each one of them helps us to achieve our vision and objective.



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According to the government's applicable reservation policy, a total of 121 students were admitted under various categories for all disciplines in both UG and PG programmes.

In accordance to the AICTE's recommended ratios of 20:1 for undergraduate study and 15:1 for graduate study, we maintain a student-staff ratio of 6:1 for admitted students.

The mentor-mentee system is essential for the growth of students' moral character and intellectual performance. Each mentor will have a maximum of six mentees, and they will continuously assist and direct them to graduate successfully.

For the academic year 2021–2022 the average pass rate for students in the final semester of the programme is 81/90. On Graduation Day, degrees will be awarded to students who have successfully completed their studies.

As of 2018, Anna University recognised Dr. A. Praveena of the Chemistry department and from 2019 onwards Dr. Sr. A. Jenitta of the ECE department as research supervisors.

Averaging 100 participants attended each of the 3 IPR events, 4 research workshops, and 8 entrepreneurship workshops that ITEIC organised.

16 papers from national and international conferences and 5 research papers from national and international journals were published by our faculty.

Through NSS, YRC, RRC, and Rotaract, 18 different extension programmes were organised.

In conjunction with industry, the local community, and non-governmental organisations, 311 of our students took part in extracurricular activities



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including Swachh Bharat, AIDs awareness, Gender problem Sapling, Fit India, almsgiving, and voter awareness.

In order to increase the students' understanding of and practical experience with cutting-edge technology and to strengthen their research skills, our college inked MOUs with five companies and collaborated with one additional college.

To conduct classes online, we have quite a campus LAN and Wi-Fi, and our IT support team works diligently to resolve any network-related issues.

For the convenience of students, faculty, and researchers, the central library in the administrative block has 20,713 volumes of printed books and 500 volumes of electronic books. The library subscribes to 1370 online national and international journals as well as a large number of scientific and career-related magazines. Additionally, it provides a book bank programme to all SC/ST students.

The highlights of the library include automation through barcodes, use of institutional repository software, DSPACE for all users to browse e-books and back volumes of theses and dissertations, a special section for digital classes and libraries, NPTEL video materials, institutional membership in Anna University, DELNET, NDL, CSI, and ISTE. Every semester, NPTEL Massive Open Online Courses are made available to faculty and students. Some of the courses were approved as FDPs, which can be applied towards advancement under the Career Advancement Scheme.

There are 180 computers available for students, and our college maintains a 2:1 student-to-computer ratio.

The campus has Wi-Fi connectivity with a 50 MBPS leased line.



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Through various scholarship programmes such as PMSS, FGG, BC/MBC welfare scheme, 7.5% Government quota, minority merit-cum-means scholarships, and institutional scholarship programme, more than 90% of the admitted students receive financial aid.

In order to give students the opportunity to develop their talents beyond the classroom, about 13 capacity building and skill improvement programmes, including soft skills, language and communication skills, life skills, and computing skills, were set up during the academic year 2021–2022.

Through each department's Association and Training and Placement Cell, more than 80% of the students received the essential preparation for competitive exams and career counselling. The development of the students was supported through the regular hosting of seminars, symposiums, conferences, webinars, and guest lectures.

Our placement cell coordinated numerous on- and off-campus recruitment fairs, and 34 students received offer letters from the organisations with an average pay package of 1.5 lakhs per year.

For the academic year 2021–2022, five students have been qualified and chosen to pursue further study.

The best ways to raise worker and student morale are awards, prizes, and gratitude. By paying them for performing routine tasks, our management gave them the due recognition.

The college often hosts a variety of sporting activities mostly for students, and it also encourages them to compete in intercollegiate competitions.

Our management is kind enough to give eight faculty members the financial support for conferences, workshops, and membership fee for professional bodies.



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During this academic year, 52 faculty members participated in professional development activities.

There were 13 faculty development and training programmes organised.

The IQAC staff regularly audits academic performance, and when necessary, an external expert audit is also conducted. The BSI conducts a surveillance audit to ensure that the QMS is being implemented effectively in accordance with ISO 9001:2015.

In addition to religious holidays like AyudhaPooja, Diwali, Christmas & New Year, and Pongal, our college observes Independence Day, Republic Day, National Youth Day, National Science Day, International Women's Day, World Environment Day, National Voter Day Pledge, and World Clean-up Day. We host a freshers' day to greet first-year students in an effort to forge bonds between senior and junior students.

Our college practises two best practices: **Inter-Discipline Mentoring** and **Women's Entrepreneurship Development**, as well as a distinctive practise of **Community Engagement**.

Conclusion

We, the faculty, the students, and the administrators of this college, swear that we are all steadfastly committed to producing academically outstanding, highly disciplined, and entrepreneurial women professionals with the motto "BUILD A BETTER WORLD."


PRINCIPAL

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