



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

IDHAYA ENGINEERING COLLEGE FOR WOMEN

**NAINARPALAYAM ROAD, CHINNASALEM - 606201 KALLAKURICHI
DISTRICT. TAMIL NADU**

606201

www.iecw.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

The Idhaya Engineering College For Women (IECW) is run by the Franciscan Sisters of the Immaculate Heart of Mary's (FIHM) Congregation. It is a Christian minority institution. It has a committed interest in serving the cause of marginalised rural-based women through quality academic programmes. It was started in 2001 with AICTE approval and it is affiliated with Anna University, Chennai.

The prime objective of IECW is to promote "Academic Excellence and Character Formation" among women. It believes that the empowerment of women is possible through higher education and it is the daring need of the hour also. The three women in our logo symbolise the unity and integrity of our nation and their raising hands implies "Raise higher and higher to Build a Better World". IECW educates and prepares women to become well-qualified technocrats and entrepreneurs. It equips them with professional skills, caters activity-based knowledge, and focuses a lot on leadership qualities to face the challenging future world. Students excel in academics, co-curricular and extra-curricular activities. Our institution is proud enough to have an excellent team of highly qualified, well-motivated, and dedicated professors, their strenuous efforts to impart quality professional education are immeasurable.

Our Institute functions in artistically well designed buildings with proper infrastructure facilities: modernised workshops, seminar halls, conference hall, and well furnished auditorium, along with well stacked library. A hostel facilitated with all the necessary amenities is available. Our campus consists of beautiful lawns and play grounds. The transport and canteen facilities provided for all staff and students.

The pride of the institute is its well equipped laboratories, excellent lecture halls with ICT facilities, well stacked library that help the students to excel in their studies.

At present, the college offers 04 (Four) under-graduate (UG) programmes and 02 (Two) post-graduate (PG) programmes. It is a genuine pride that our students have scored excellent results in all the Anna University semester examinations. Many of our students have secured University ranks and get selected by various multinational companies. Our institute honours meritorious students with merit scholarships. Thus, IECW leaps to achieve the highest academic excellence.

Vision

"To develop IECW as a Centre of Excellence in imparting futuristic technical education to foster the success of our community in meeting individual and common goals whilst we uphold the basic principles & ethical values and instill high patterns of self-discipline to build a better world for the human race."

Mission

"IECW will play a leading role in transforming the lives of rural based marginalized womenfolk by widening the intellectual horizon and instilling high ideals towards holistic formation and development, thereby promoting excellence in lifelong learning through accessible, professional education programs and community

partnerships."

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Spiritual and Emotional Quotient:

As our institution is a religious minority, it imparts spiritual values to the staff and students, bringing in emotional stability. Spiritual intelligence strengthens spiritual and, thus, religious belief. Thus, it establishes good qualities and emotional intelligence to improve social relationships. It controls emotions and helps individuals progress towards perfection.

Stakeholder Co-operation:

The indigenous peoples, government officials, and non-governmental organizations, as well as stakeholders such as employees, students, alumni, parents, and employers, provide moral support to the IECW.

Infrastructure:

The infrastructure provided at our institute excels, as to say, even up to statutory level, the affiliating body, the parents and students, are even attracted to stepping into our institution.

Work-Life Balance:

IECW management takes a special interest in caring for all the employees and assisting them better to the satisfaction of the employees, even to the extent of a one-to-one basis. Their personal life requirements are also fulfilled, and as a result, they are loyal to the management; they extend their performance almost exclusively to their duties.

Institutional Weakness

The weaknesses of the institution are identified as follows, and the management, the faculty, and the students are working together to overcome them.

- The institution finds it difficult to generate funds to facilitate further expansion of the establishment.
- Since the institute is located in a remote area, we find it rather difficult to get renowned resource people from reputed institutions to envisage the minds of the students. The internship record is also not at its best.
- The water table is too low due to rocky soil. The Institute spends a lot of time resolving the problem of sanitation.
- Even though there is excellence in outturns, it is challenging to make them employable due to the lack of parent support.
- The vicious cycle exists between getting a research grant and pursuing worthwhile research, which leads to fewer publications, patents, etc.

Institutional Opportunity

- The current economic, industrial, and academic environment of the country offers multiple opportunities to develop the Institution as a centre of excellence.
- There is a growing demand for engineers from the circuit programmes rather than from the conventional programmes who possess sound technical knowledge, programming knowledge for problem-solving, and the ability to work with heterogeneous groups. The Institution can respond to this demand by focusing on imparting such skills to its graduates.
- For doing post graduate programmes, an increased number of students apply with minimum credentials, but the institute tries its best to make them the best.
- The students' participation in a variety of co-curricular and extra-curricular activities enables them to improve their technical skills, communication skills, and leadership qualities.
- The strong alumni affiliation with their alma mater improves the industry links and technological upgradation of the students.
- Scholarship schemes provided by the central and state governments attract female candidates to enrol in professional courses.
- IECW provides opportunities for students to do in-plant training, internships, and visit industries through industry collaborative activities.
- Academic programmes in association with professional bodies & industry associations.

Institutional Challenge

The challenges identified include;

- The COVID'19 pandemic led to head over heels change in all walks of life, especially in socio, economic, and academic activities that came to a standstill.
- Coping with drastic changes in technology and industrial requirements to improve the employability skills of students.
- Grooming the students to compete with multi-skilled engineers
- Balancing between top performers and slow learners is posing great challenge. And, high variation exists in student competencies and aspirations also.
- Improving the communication skills and personality development of the students, since they are from rural areas with diverse backgrounds,
- Filling the gap between industrial needs and the curriculum is a challenge for the affiliated colleges.
- Long-term sustainability without compromising standards is a challenge due to the growth of various institutions and competition among nearby colleges.
- A continuously decreasing trend in engineering admissions leads to the problem of admitting quality students with a keen interest in engineering.
- Incorporating additional add-on/value-added courses out of curriculum modules to comply with the industry requirement because of the defined curriculum and time frame by the affiliating university.
- Attracting and retaining qualified faculty.
- There is no clear distinction between professional courses and arts and science courses in the CSE and IT departments.
- Admission to circuit programmes depends on the IT recession and boom due to the very dynamic change in the market.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Idhaya Engineering College for Women (IECW) is affiliated to Anna University, Chennai. Hence, the curricula and syllabi of all courses for both UG and PG programmes are prescribed by the University and strictly adhered to. The UG and PG programmes cover elaborative Programme Educational Objectives (PEO) and Programme Outcomes (PO) and their mapping are specified by the University. Students are offered the CBCS since the implementation of Regulation 2017. Hence, it is applicable to the students admitted for the academic year 2017–18. The IECW College calendar is prepared semester-wise based on the academic schedule provided by the Centre for Academic Courses of Anna University. The teaching-learning process for both theory and practical courses and the schedule of Continuous Internal Assessment Tests (CIAT) are conducted with reference to the calendar.

The academic schedule is published by the Anna University in the beginning of every semester for all the UG and PG programmes. The timelines given by the affiliating university are strictly adhered to by the institution by effectively planning and implementing accordingly. The Controller of Examination (COE) of the affiliating university provides an internal assessment schedule for each semester of the programmes. The schedule highlights the student's attendance reporting period in regular intervals and academic assessment of the students during the period. The COE directs the conduct of three CIAT at regular intervals, which will be considered as internal marks for awarding grades. Furthermore, in order to coach more and get higher grades in the subject, additional internal tests are conducted. Model examinations are also conducted for the students as per the end-of-semester university examination pattern for earning good grades. Also, slow learners are identified from these assessments and remedial classes are conducted to assist them to improve their performance in the end semester examination.

As the institution is affiliated to Anna University, it follows the regulations, curriculum, and syllabi prescribed by the university. The institution is committed to inculcating values and ethics into the students to transform them into socially responsible, proficient engineers to serve the nation at large.

Teaching-learning and Evaluation

IECW empowers female students from rural areas with poor socioeconomic status, as well as first-graduates. IECW gives the opportunity to the reserved category students to fulfil their technical education dreams. The number of students under the reserved category is the major portion among the admitted students. At the beginning bridge courses are conducted to recall fundamental concepts. To cater to the needs of rural Tamil medium students, a number of communication skills improvement courses and personality development programs are being conducted for the successful completion of programmes. The norms of the affiliating and approved bodies in regard to student-faculty ratio are maintained properly. In addition to the regular curriculum delivery, co-curricular activities such as seminars, symposiums, workshops, and conferences are conducted. Class rooms and seminar halls are facilitated with ICT-enabled tools such as PCs, projectors, speakers, and cameras for online interaction and e-content are shared for effective teaching and learning processes. For the students to gain practical knowledge, IECW facilitate laboratories with computers, electronic kits, electrical machines, and workshop machineries. An effective mentoring system is adapted to redress the career problems of the student. Mentors are allotted to students to encourage them to achieve academic excellence and personality development. Faculty members are encouraged to do doctoral research programmes. A few of them

have completed and a few more staff members are enrolled in various universities. Staff retention at IECW is good, and the average teaching experience for current working faculty is 7.3 years. More internal assessment tests are conducted than stipulated by affiliating University to coach more for the end semester examinations. Remedial tests are also conducted for the slow learners to clear the subjects. Transparent and time-bound grievance handling related to the examination process is done. To fulfil the course outcomes, additional exercises such as tutorials, mini-projects, and assignments are given to the students. Students are encouraged to undergo industrial visits and to participate in internship training. The average pass percentage is fairly good, and the overall turnout of the students getting degrees is also good. Stake holders feel happy with the services provided at IECW.

Research, Innovations and Extension

The IECW encourages and motivates the faculty and students to do research and promotes a research culture. Five faculties have completed their Ph.Ds and six are still pursuing them. The college management encourages the teachers to submit research proposals, and conduct research for which a research committee has been in place to facilitate the research and extension activities. The Institute has an Entrepreneurship Development Cell and an Institution Innovation Council to promote entrepreneurship and innovative skills among students. Competitive learning is continuously encouraged by participating in various Project competitions like Project Expos. The Entrepreneurship Development Cell conducts more programmes and motivates the students to start businesses through interaction with successful entrepreneurs. Research articles were published and presented by faculties through conferences and in reputed Scopus index journals. The students are encouraged to participate in various workshops and conferences to remain updated on the latest trends in engineering and technology. Faculty members are encouraged to publish papers in reputed journals. The institution encourages faculty to publish books, to conduct and participate in workshops, conferences, and seminars to update technical knowledge. Students are encouraged to do internships and visit the industry to acquire exposure to their field of study. We have received awards from government-recognized organisations for our extension activities at our institution. Students are sensitised towards health, hygiene and environmental issues. Social responsibility has been ensured through the enrolment of students in NSS and YRC. The NSS unit of our institution organised various programmes for the holistic development of the community, including numerous awareness camps on health and road safety, rallies, tree plantations, Swatchh Bharath, etc., Blood donation camps are conducted through these schemes, which is noteworthy. A good number of students are actively participating in all the activities executed by our NSS unit. The Institute has signed MoUs with various industries and institutions for industry-institution interaction through which the technical skills of the students will be updated by undergoing various training.

Infrastructure and Learning Resources

The college has a total area of 30.40 acres with a greenish environment. The four UG and two PG programs, as well as the Central Library, are housed in three blocks of buildings. Class rooms, tutorial halls, drawing halls, workshops, an auditorium, and seminar halls are available. Space for additional facilities and amenities such as an infirmary, PCF cell, EDC, recreation room, canteen, staff pantry, drivers' rest area, guest house, workers' quarters, etc. are also provided. The institution has two hostel blocks with 80 rooms, with a capacity of 480 students. A separate mess block with an auditorium provides a venue for recreational activities for inmates. A transport facility is available for students and staff members coming from various places to the college. The College is committed to creating a balanced atmosphere of academic, cultural, and sports activities for the overall personality development of the students. Various sports competitions are conducted, such as intra-mural

sports and zonal level sports. The playground facility is also shared for the benefit of nearby government schools' students as an ISR activity. The College caters to the needs of all major Outdoor/Indoor Games, yoga and cultural events with adequate facilities. The library was fully automated with Modernlib, web-based library management software that empowers institutions to meet the successful teaching learning process requirements. It has a total of 20, 572 volumes of printed books and 500 volumes of E-books from open sources. IECW E-Learning material in ERP is being maintained. The library has an institutional membership with DELNET and subscribes to DELNET-IESTC e-journals. The College has established a high-speed campus-wide network that connects all computers. The College has a website-www.iecw.edu.in which is updated frequently. The class room environment is tailored to the specific teaching/learning needs of each department with ICT tools. The college has an internet and Wi-Fi facility with a 50Mbps speed. The college has qualified and skilled manpower for executing maintenance activities in all departments and on the college and hostel campuses. The annual maintenance of generators, machinery, and equipment is given to a third party, and periodic visits are conducted for proper functioning.

Student Support and Progression

Idhaya Engineering College for Women makes an extreme effort to provide the necessary support for the students to attain meaningful experiences for learning on the campus and to facilitate their holistic development and progression. The institution facilitates students to avail PMSS, FGG, BC/MBC, and minority scholarships offered by the Central and State Governments based on the eligibility criteria. Apart from this, financial assistance is also provided by the Institution for deserving, economically and socially backward, meritorious, sports students etc. The college conducts a good number of capacity building and skills enhancement programmes such as soft skills, language and communication skills, life skills, and computing skills, which enable the students to enrich their skills beyond the curriculum. First-year students take bridge courses regularly to familiarise themselves with the concepts of basic engineering and science. Necessary guidance for competitive examinations and career counselling is provided to the students through the Training and Placement Cell and Association of every department. The Institute is concerned with student progression for employability and/or to higher studies, and provides enormous support to students in placement. The Institute has a well-defined system for remedying student complaints through Grievance Redressal, Anti-Ragging Committee and Internal Complaints Committee. Also, awareness programmes are conducted on the rules and regulations of government/statutory/regulatory bodies. Student representation and engagement in various curricular, co-curricular, and extracurricular activities are encouraged by the institution. They organise various activities and actively participate in sports and cultural events to explore their talents. The NSS, YRC, and RRC of our institution motivate the students to participate in various social and extension activities to reach the various people in society. The Alumni Association of our college conducts alumni meetings every year to elicit support and suggestions from alumni for the betterment of the students and growth of the institution. The alumni support the students by delivering guest lectures, career guidance and counselling so that they are exposed to cutting edge technologies in various fields of Engineering and Technology.

Governance, Leadership and Management

The institution has an effective and transparent governing system in tune with its vision and mission statement. The vision of the institution is to develop IECW as a Centre of Excellence in imparting futuristic technical education, and in turn, the mission of the institute is well articulated. The Governing Council of the institution meets to discuss and arrive at a consensus on the administrative and academic activities. Decentralization and administrative transparency are ensured by placing the organisational structure and framing various functional

committees in the academic calendar. Strategic/Perspective plans are framed with goals in line with the Institute's Vision and Mission statements. The HR manual describes service rules and procedures, recruitment, promotions, and grievances. Welfare measures provided to the teaching and non-teaching staff include EPF, maternity leave, awards, incentives, and medical facilities. Adoption of e-governance in certain areas has strengthened the academic and administration activities of the institution such through ERP softwares and LMS Methods. An average of 38.98% of teachers have benefited from financial support for attending conferences/workshops/FDP/membership in various professional societies during the last 5 years. A total of 55 professional development/administrative training programmes have been organised by the institution for teaching and non-teaching staff during the past 5 years. An average of 95.57% of teachers has attended professional development programmes during the last 5 years. The performance of the faculty is evaluated through the faculty appraisal form every year. External/Internal administrative and financial audits are conducted periodically and improvement strategies are implemented based on the audit report. The Institution has a well-established Internal Quality Assurance Cell (IQAC) from 09.01.2019 and plays a vital role in instilling a quality culture in the Institute. IQAC conducts half-yearly meetings to review, monitor, and enhance the quality of the teaching-learning process in the organization. IQAC conducts internal Academic and Administrative Audits once every semester and, based on the observations, recommendations are given for improvement. The effective governance administered by the able leadership keeps the institution at a greater height.

Institutional Values and Best Practices

IECW follows all the rules as per the statutory requirements with respect to academics, finance and administration and maintains complete transparency in all its activities. IECW understands and meets the requirements of female employees and female students with respect to safe security in hostels and college campuses by mounting proper compound walls around the campus and CCTV cameras in specified places. Also, it focuses more on the employees who are working in IECW and the students to have a comfort zone by providing a common faculty room, separate HOD cabin rooms, common students' rooms, an infirmary room, a MOU to have a visiting doctor, a counselling room, and a day care centre for faculty members' children who suffer from taking care of them at home. The institution has adopted an environmentally friendly approach to maintaining the campus with continuous attention towards tree plantation, adopting water harvesting methods, water reusing, and employing renewable energy resources for street light usage. For the differently abled students, facilities like ramps, washrooms, separate class rooms, screen reading software, and user manuals have been provided. The students participate in Swachh Bharat activities, blood donation camps; provide assistance to those affected by natural disasters, and take part in street cause events. The students are trained through regular courses on Human Values, Environmental Science and Engineering, Principles of Management and Professional Ethics with credit weightage. The Administrative Manual defines the roles and responsibilities of the various administrative positions, and the code of conduct for students is published in their handbook and displayed on the website. These are the two best practises that the institution believes and follows: Mentoring system to encourage the students to achieve their goals and Enhancing communication skills by giving training on LSRW, group-discussions, and presentation skills. The Institution is distinctive in its holistic formation of self-reliant women in technical education, which includes classroom teaching-learning, co-curricular activities, and extra-curricular activities. The skills and competencies discovered and developed by engaging in various club activities instil confidence, creative thinking and a sense of self-esteem, foster learning, teach teamwork, discipline and offer opportunities for leadership roles.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	IDHAYA ENGINEERING COLLEGE FOR WOMEN
Address	Nainarpalayam Road, Chinnasalem - 606201 Kallakurichi District. Tamil Nadu
City	Chinnasalem
State	Tamil Nadu
Pin	606201
Website	www.iecw.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	R Gurumani	04151-258325	9003450415	04151-258326	idhaya@iecw.edu.in
IQAC / CIQA coordinator	Sr. A. Jenitta	04151-258327	9500148510	-	jenittaiecw@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	For Women
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes IECW Minority.pdf
If Yes, Specify minority status	
Religious	Christian
Linguistic	
Any Other	

Establishment Details				
Date of establishment of the college	02-07-2001			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Tamil Nadu	Anna University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	11-02-2019	View Document		
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-07-2021	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Nainarpalayam Road, Chinnasalem - 606201 Kallakurichi District. Tamil Nadu	Rural	30.47	17227

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Department Of Computer Science And Engineering	48	HSC or Equivalent	English	60	35
UG	BE,Department Of Electrical And Electronics Engineering	48	HSC or Equivalent	English	60	4
UG	BE,Department Of Electronics And Communication Engineering	48	HSC or Equivalent	English	60	5
UG	BTech,Department Of Information Technology	48	HSC or Equivalent	English	60	15
PG	ME,Department Of Computer Science And Engineering	24	UG or Equivalent	English	18	7
PG	ME,Department Of Electronics And Communication Engineering	24	UG or Equivalent	English	18	8

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	6				8				38			
Recruited	2	3	0	5	2	6	0	8	6	32	0	38
Yet to Recruit	1				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff						
	Male		Female		Others	Total
Sanctioned by the UGC /University State Government						0
Recruited	0		0		0	0
Yet to Recruit						0
Sanctioned by the Management/Society or Other Authorized Bodies						2
Recruited	1		1		0	2
Yet to Recruit						0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	5	6	0	11
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	3	0	0	0	0	0	0	0	5
M.Phil.	0	0	0	0	0	0	1	7	0	8
PG	0	0	0	2	6	0	5	25	0	38
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	0	0	0	0	0
	Female	59	0	0	0	59
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	15	0	0	0	15
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	0	0	0	0
	Female	19	24	38	50
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	1	0	2
	Others	0	0	0	0
OBC	Male	0	0	0	0
	Female	51	41	58	62
	Others	0	0	0	0
General	Male	0	0	0	0
	Female	4	0	2	33
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		74	66	98	147

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
244	249	249	245	240
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
6	6	6	6	6

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
312	343	432	487	564
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
191	191	191	191	231

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
104	105	142	140	195

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
52	57	60	64	81

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 22

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
58.98	87.91	103.83	100.05	97.87

4.3

Number of Computers

Response: 180

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Choice-Based Credit System (CBCS):

Idhaya Engineering College for Women (IECW) is affiliated to Anna University, Chennai. Hence, the curricula and syllabi of all courses for both UG and PG programmes are prescribed by the university and strictly adhered to them. The UG and PG programmes cover elaborative Programme Educational Objectives (PEO) and Programme Outcomes (PO) and their mapping are specified by the university. Students are offered the CBCS since the implementation of Regulation 2017. Hence, it is applicable to the students admitted for the academic year 2017–18.

The significant academic records pertaining to the system are given below:

Academic Calendar:

The IECW College calendar is prepared semester-wise based on the academic schedule provided by the Centre for Academic Courses of Anna University. The teaching-learning process for both theory and practical courses and the schedule of Continuous Internal Assessment Tests (CIAT) are conducted with reference to the calendar. The calendar also includes seminars, workshops, guest lectures, symposiums, conferences, various club activities, industrial visits/ training, value-added courses, and certificate courses related to the curricular and co-curricular development of the students.

Master Lesson Plan (MLP):

Faculty members are allotted the courses before the commencement of the academic session based on their field of specialization, competency and willingness. The individual faculty member prepares a MLP for each allotted course according to the syllabus provided by the affiliating university. MLP gives an insight into various parameters such as teaching methodology, teaching aids, and preparing students to learn beyond the syllabus. Students are instructed to make use of e-learning platforms such as NPTEL, SWAYAM etc. The time table is prepared by considering the LTPC of each subject and finally, the master timetable is compiled. The Laboratory Manual is prepared for practical courses considering the supplier's manual.

Attendance and Assessment Record (AAR):

The AAR recorded the details of the course delivery plan and continuous monitoring. The AAR also includes each student's history and their assessment particulars. The performance of the class students in previous university examinations is recorded in order to track their progress. University question paper feedback analysis is recorded in it.

Curriculum Delivery:

CIAT is conducted as per the academic calendar. Curriculum delivery, student performance, and progress are periodically monitored by the respective Head of the Department and the Principal. IECW installed PSWBC-ERP software for an effective teaching and learning process. The institution has launched a Learning Management System (LMS) cell to maintain e-contents of learning materials online.

During the COVID-19 pandemic lockdown period, theory and practical classes were conducted in virtual mode using Google Meet and social media platforms as per the direction given by Anna University. E-learning study materials were uploaded for the students. The details of students' attendance, topics covered, etc., were maintained through a Google sheet. CIAT and end-of-semester examinations with the pattern of MCQ and open book types were conducted through the online/online-proctored mode for the odd and even semester sessions of the academic year 2020–21.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE**Response:**

The academic schedule is published by the Anna University in the beginning of every semester for all the UG and PG programmes. The timelines given by the affiliating university are strictly adhered to by the institution by effectively planning and implementing accordingly.

The Academic Calendar

The academic calendar of our college is prepared jointly by the Internal Quality Assurance Cell (IQAC) and the Planning and Monitoring committee following the direction received from the Centre for Academic Courses and the Controller of Examinations of Anna University. The approved calendar will be given to the HoDs for circulation and reference. This enables the staff members and the students to plan their teaching, learning and regular activities accordingly. It covers all the academic activities such as commencement of classes, cumulative number of working days, holidays, training and placement, internal examination plans, tentative date of theory and practical exams, association activities etc. It also stipulates the schedule of proposed events of various committees such as Association of CSE, EEE, ECE IT and S&H, IQAC, Research & Development Cell, Institution Innovation Council, Idhaya Technological Entrepreneur and Incubation Centre (ITEIC), Women Empowerment Cell, Service & Professional Bodies Committee, Training and Placement Cell, Extra-Curricular Activities Committee, Corporate communication committee, Sports Committee, Alumni Association committee and other important celebration days. Prior to the commencement of each semester, the in-charge of each department will prepare the time-table by referring to the academic calendar and syllabi of the affiliating university. The Principal and HoDs will audit at the end of every academic year to review the implementation of activities as per the academic calendar.

Continuous Internal Evaluation (CIE)

The Controller of Examinations (COE) of the affiliating university provides an internal assessment schedule for each semester of the programmes. The schedule highlights the student's attendance reporting period in regular intervals and academic assessment of the students during the period. The COE directs the conduct of three CIAT at regular intervals, which will be considered as internal marks for awarding grades. Furthermore, in order to coach more and get higher grades in the subject, additional internal tests are conducted. Model examinations are also conducted for the students as per the end-of-semester university examination pattern for earning good grades. Also, slow learners are identified from these assessments and remedial classes are conducted to assist them to improve their performance in the end semester examination. Each of the theory and practical courses, including project work, will carry a maximum of 100 marks, of which 20 marks will be through internal assessment, and the end of semester examination will carry 80 marks.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: D. Any 1 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 6

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 25

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
6	5	6	5	3

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 46.29

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
221	174	171	193	173

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

As the institution is affiliated to Anna University, it follows the regulations, curriculum, and syllabi prescribed by the university. The institution is committed to inculcating values and ethics into the students to transform them into socially responsible, proficient engineers to serve the nation at large.

PROFESSIONAL ETHICS:

IECW suggests students select a Professional Ethics course as a Professional Elective (PE) every year, enabling them to create awareness of engineering ethics and human values, to instil moral and social values and loyalty, and to appreciate the rights of others. The students are able to apply ethics in society, discuss the ethical issues related to engineering, and realise the responsibilities and rights in society as outcomes of undergoing the subjects. The students are trained to set the right moral issues in their profession by developing themselves. The professional ethics learnt during the course enable them to judge their co-workers and tackle the situations that exist in the company or society.

GENDER:

The college has a fully functional Women's Empowerment cell through which various activities such as Self-awareness, legal awareness; Personal Hygiene, Self Defence, Women Entrepreneurship Programs and Gender Sensitisation are conducted to empower women. Furthermore, to facilitate the redressed of the grievances, an exclusive internal complaint committee as per the recommendations of the VISAKA committee is framed. The committee meets regularly to review any issues for resolution.

HUMAN VALUES:

Students are also given exposure to moral values, social integrity, and civic virtues. To instil spirituality among the students, yoga, meditation, and stress management programmes are arranged. Through the Personality and Character Formation Cell, various personality development programmes for empathetically caring, self-confidence development, etc.,

ENVIRONMENT AND SUSTAINABILITY:

Anna University offers Environmental Science and Engineering courses for all students, respecting their discipline. The main objectives of the course are:

To find and implement scientific, technological, economic, and political solutions to environmental problems:

- To study the interactions between living organisms and their environment.
- To appreciate the importance of the environment by assessing its impact on the human world, to envision the surrounding environment, its functions, and its value.
- To investigate dynamic processes and comprehend the characteristics of the earth's interior and surface
- To study the integrated themes of biodiversity, natural resources, pollution control, and waste management.

After the successful completion of the course, students are able to become aware of

- Environmental pollution and other problems cannot be solved by mere laws. Public participation is an important aspect of environmental protection that serves the public. One will obtain knowledge of the following after completing the course.
- Public awareness of the environment is at an infant stage.
- Ignorance and incomplete knowledge have led to misconceptions.
- Development and improvement in standards of living have led to serious environmental disasters.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 0.41

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)	
Response: 33.33	
1.3.3.1 Number of students undertaking project work/field work / internships	
Response: 104	
File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni	
Response: A. All of the above	
File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:
1.Feedback collected, analysed and action taken and feedback available on website
2.Feedback collected, analysed and action has been taken

- 3. Feedback collected and analysed
- 4. Feedback collected
- 5. Feedback not collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 35.64

2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
74	66	98	147	130

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
276	276	276	276	336

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 47.31

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
70	66	96	114	128

File Description	Document
Average percentage of seats filled against seats reserved	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The main objective of the institution is to enrich the technical knowledge of the rural base of students. Most of the admitted students are those with less communicative skills. The calibre of the students also differs based on their school backgrounds. Though there is diversification among the students, it is mandatory to impart quality technical education to all of them. For freshers, an orientation programme and bridge course are conducted. The Orientation programme makes the students familiar with the role of the institution in making them into the best socially responsible personalities at the end of their degree programme. The Bridge course enables the students to improve their communicative skills, mathematical application in technical fields, and the basics of various engineering fields.

The categorising process (for slow learners and advanced learners):

First year students: The students' learning level is assessed by the cut-off marks in HSC examinations and continuous monitoring of their understanding capacity during the bridge course.

Higher Semester Students: The students are categorised based on continuous internal assessment marking and performance in previous semester university examinations. They are also assessed by their involvement in learning technology, interaction with the staff members, their knowledge and other enunciation capabilities.

Strategies followed to expedite Slow Learners:

1. A mentor will observe and counsel the students for the problems they face in learning. They also suggest solutions to career problems.
2. Faculty Advisors/HoDs are concerned about each student, motivating them to overcome learning barriers and achieve their goals.
3. Apart from mentoring, the Principal motivates the slow learners and encourages them individually to successfully complete the course.
4. An alumni interaction meeting is arranged to share their experience with the juniors to develop their confidence and motivate them to become great achievers.
5. Peer group study with the advanced learners helps them more for clearing their doubts.
6. Departments conduct special coaching classes for slow learners for regular and arrear papers. Additional assignments are given and tutorial classes are conducted separately for them.
7. Subject experts or staff members who have previously handled the subjects will be assigned to coach the students in order to clear their arrears in the specific subject.
8. The staff members revise the subject and provide the students with additional study materials.

Strategies for Advanced learners:

1. Advanced learners are encouraged to get University Ranks by continuously monitoring their progress in CIAT and previous semester results.

2. Toppers in CIAT's and university examinations are appreciated in the open meetings and awarded certificates for their achievements. They are also given space on the bulletin board as an expression of appreciation.
3. The students are motivated to attend competitive exams like GATE, IELTS, TOEFL, etc.,
4. Encourage the students to get involved in research-oriented projects.
5. Encourage the advanced learners to enrol in NPTEL courses and any other online courses for value addition.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 6

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Learning at IECW has always been student centric. The students participate in various academic and co-curricular activities within and outside the college campus. IECW supports student-centric learning through its efforts to create a learning atmosphere which allows students to think out of box, respond and pose questions. To effectively design and exercise student centric activities, Faculty Members are motivated to undergo Short-Term Training Programs, Faculty Development Programs, workshops and online courses. The methodologies include illustration and special lectures, case-studies, project-based learning, experimental and group learning. IECW conducts guest lectures, Add-on courses and arranges industrial visits and in-plant training for students to develop their interactive, collaborative and independent learning. The digital library, which includes NPTEL videos, lectures, and e-Journals, enables students to pursue advanced courses of interest. Students are also evaluated through internal assessment tests, seminars, and discussions in the classroom as well as in laboratories during practical hours and seminar hours.

Interactive Learning:

IECW encourages student to participate in the events such as technical seminars, workshops, and Technical Symposiums. IECW has the facility of teaching aids such as projectors, broadband internet connectivity

and Wi-Fi connectivity. Industrial visits are planned to provide the students with hands-on experience of the field by interaction with industrial experts and to update them on current technology. Through the site visits, students understand practical implementation of the concepts learnt by them. Students are also motivated to undergo in-plant training and internships to acquire knowledge about how real time projects are implemented. IECW encourages students to take part in inter-departmental projects to enhance participative learning and gain inter-disciplinary knowledge so that they can get placement in various core and allied fields. An emphasis is placed on team building and group self-reflection, providing mutual support to ensure that everyone in the group is involved and understands the concept.

Participative learning:

IECW organises different activities for students to encourage them to participate in various competitions held at National and International levels. The Faculty Members adopt presentations to make the topics more interesting. All the Departments either jointly or individually conduct a number of technical activities such as seminars, debates, quiz programmes, project expos, national and international conferences. Such activities develop stage confidence, skills of expression, thinking power among the students.

Self-learning:

IECW encourages students to self-learn by practising themselves to submit technical papers by going through the journals, writing assignments on innovative topics related to the curriculum on their own, and taking seminars on the latest trends in that particular course by collecting materials from e-resource on their own. For analytical courses, students are given a variety of problems in the corresponding course to solve during tutorial hours with the assistance of the course instructor.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

It is essential for faculty members to use ICT tools for an effective Teaching Learning Process(TLP). Video and animation based learning makes the subject easily understandable by the students. The IQAC of our institution insists that faculty members utilise ICT tools and prepare PPT slides for the courses which they handle. ICT enhances the efficiency of content delivery. In the Master Lesson Plan, the mode of delivery such as PPT, video display, and NPTEL lectures are to be mentioned. The e-content of each course is collected by the Learning Management System (LMS) cell of IECW and the same is uploaded in the ERP software for the students to retrieve at any time using the internet or intranet.

ICT facilities at IECW:

For effective implementation of ICT, each class room is equipped with ICT tools like LCD projectors, high-

end systems, and audio-visual aids. Also, seminar halls are furnished with video conference setups for conducting online discussions with experts. The library is also fully computerised for easy accession and retrieval of study materials such as textbooks, reference books, NPTEL lectures, journals, and manuscripts. A high-speed secured Wi-Fi facility is provided 24X7, which is useful for faculty members and students.

ICT based Teaching Learning Process:

Faculty members teach their concepts clearly through presentations, animations, and video lectures to the students to enhance their understanding capacity. Faculty members are able to access the related course materials at any time. The faculty members' lecture videos will be uploaded to YouTube so that the students can refer to them at anytime and anywhere. Faculty members motivate a few students to present technical seminars on emerging technologies using ICT tools to improve their presentation and interpersonal skills. The faculty members and students are also encouraged to undergo NPTEL and SWAYAM courses for value addition. Some of the faculty members and students have already passed the NPTEL certificate courses with good grades. Any live video stream from AICTE, government agencies, or from reputed academic experts from other institutions will be telecasted to the students through a video conference setup.

IECW has subscriptions to DELNET (Developing Library Network), NDLI (National Digital Library of India), DELNET-IESTC, which are the major online e-learning platforms which facilitate students' development of their knowledge in Engineering, Technology, Science & Humanities.

Nowadays, WhatsApp and Google classroom are mostly used. The faculty advisors create groups on WhatsApp. The course handler will upload study materials to the group. The course handler creates a Google class room and uploads their study materials; the students will join the class room and access the materials.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 6.12

2.3.3.1 Number of mentors

Response: 51

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 6280

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 6.8

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5	5	6	2	2

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 7.39

2.4.3.1 Total experience of full-time teachers

Response: 384.25

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Since our Institution is affiliated to ANNA University, we have to follow the regulations of University in conducting of both internal and external examinations. Since 20 marks is for internal assessment, the internal test process will be transparent so that if any grievances, the student shall verify it. For conduction of internal and external examinations Exam Cell is formulated with set of staff members headed by the Principal.

The centre for Academics of University sends academic schedule and controller of Examination will send schedule for conducting assessment and uploading marks. After receiving those schedule, the principal discusses with academic committee and releases semester calendar mentioning the dates of internal assessment exams and other academic schedule.

The calendar will be circulated to the students, so that students get prepare themselves for the assessment exams in advance by knowing the dates of internal exams in prior.

According to the regulation of University, two internal assessment exam and one model examination will be conducted in a semester.

Before the internal assessment exam scheduled date, principal conducts meeting with the HoDs and decides the portion for the internal exam and Question pattern. The Question pattern will be as per the University direction.

Based on the discussion, the exam cell co-ordinator will frame the time table after discussing with HoDs for the order of subject.

The time table undersigned by the principal for all the departments will be displayed in the notice board so that student can know the date of respective subject exam.

The internal exam will be conducted for 50 marks for each subject and then it will be converted for 100 marks for web portal entry.

After completion of examination of the subjects, the respective staff should collect answer sheets from the exam cell.

The answer sheets should be evaluated by the staff members within three days after completion of the respective subject exam. Then evaluated papers to be submitted for subject expert member review allotted by the HoD. The expert member verifies, then the answer sheets will be forwarded to the HoD. After verification from him, the staff members distribute the answer sheets to the students. If any grievance in valuation, the student will report it to exam cell, after action taken on the grievances, the subject handler enters the mark for each student in their AA record.

On the time of Web portal entry, the subject handler prepares a mark sheet and gets sign from Head of the department and the principal. After that the individual staff with the help of exam cell co-ordinator enters the internal assessment mark in University web portal for their respective subject. The preparation of mark sheet and entering into web portal is monitored by Heads of the department and Exam cell.

Once the mark entered in web portal, the students can view their marks for all the subjects in the web portal through the student login option. Once all the three assessment mark is entered, internal marks for each subject will be manipulated

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

IECW follows transparent method in solving the complaints given by the student on both internal and external examination through transparent procedure. The Exam Cell plays a vital role in conducting examinations as well as addressing students' grievances with regard to assessment.

Internal Examination Grievances:

The students are given provision for complaining if discrepancies exist in the evaluation to the exam cell within a day of receiving the answer paper. The exam cell registers the nature of the remarks from the students and informs the concerned staff on the next subsequent day. Then the answer paper will be reviewed by the faculty for corrections, if any, and the same will be communicated to the concerned students within two days.

External Examination Grievances:

Since our institution is affiliated to Anna University, we adhere to the rules and regulations sent by the Controller of Examinations for the smooth conduct of examinations and for handling examination-related grievances from students. For readmission and readmission-cum transfer students, if there is a change in regulation, addition or exemption of courses will be done by the Centre for Academic Courses of Anna University through the Exam cell.

If the student's certificates are lost, the exam cell takes initiatives to apply for duplicate certificates from the University by following the proper procedure. Exemption from the appearance of the examination for the purpose of participating in the inter-university sports competition is obtained from the Controller of Examinations for sports people. The student is permitted to take the same course in the forthcoming semester, considering it as a first appearance.

Photocopy /revaluation

A candidate can apply for a photocopy of his/her semester examination answer paper in a theory course, within 2 weeks of the declaration of results, on payment of a prescribed fee through a proper application to the Controller of Examinations through the Head of Institutions.

The answer script is to be valued and justified by a faculty member, who handled the subject and recommends its revaluation with a breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examination through exam cell. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institution. Revaluation is not permitted for practical courses and for project work.

Review:

Candidates not satisfied with the revaluation can apply for a review of their examination answer papers in a theory course, within the prescribed date, on payment of a prescribed fee through a proper application to the Controller of Examinations through the Head of the Institution. Candidates applying for Revaluation only are eligible to apply for Review.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

IECW has formulated well-defined Vision and Mission statements, and in accordance with this, each department has formulated its own objectives that have been reviewed in the QMS Audit. The affiliating University formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and Programme Outcomes (POs) for each programme. POs and PSOs are mapped with PEOs with regard to Engineering Knowledge, Problem Analysis, Design / Development of Solutions, Modern tool usage, Ethical and Cultural Issues, Environment and Sustainability, Teamwork and Communication, Project Management, Lifelong learning, etc., Course Objectives and Course Outcomes (COs) are provided by the University for each course in the curriculum. COs and POs are mapped for all the allotted courses to correlate Understanding, Analyzing and Applying skills. The course outcomes of each course are mapped to the Program Outcomes with a level of emphasis being strongly correlated, moderately correlated and lightly correlated. In the Department meeting, they are analysed and implemented. The approved content is displayed on the institute's website.

Articulation of COs based on revised Bloom's taxonomy and identification of the knowledge, skill, and attitude level of the students were assessed by the course handling faculty and course coordinator. COs are

mapped with POs/PSOs by course handling faculty with the suggestions of the course coordinator. The question papers are set on the basis of the course's outcome, adapting Bloom's taxonomy. Verification of compliance for attaining the POs/PSOs is done in the department meetings for all the courses.

Faculty members are aware of programme outcomes and course outcomes by attending FDTP arranged by the affiliating University and other institutions prior to the start of each semester. Faculty members attend many workshops and seminars to implement Outcome Based Education (OBE). Hence, the students are enabled to do mini projects, case studies, and publications. Faculty members are aware of disseminating the course outcomes and programme outcomes among the students. Faculty members get feedback from the students every semester, regularly. Faculty members include the objectives and outcomes in the master lesson plan of the course file. Students are briefed about the Course objectives, Course outcomes while discussing the syllabus in the class room. Course committee meetings are conducted at regular intervals and the institute extends unstinting support through systematic systems.

For each course, the attainment of PO's and PSO's are analysed through quantitative assessment with various parameters. Soft copy of Curriculum and master lesson plan are uploaded on the Institution website, PSWBC-ERP (PearlSys Web Based Content-ERP) adopted by the LMS cell of IECW and Hard Copy of the same are available in the Department for ready reference. Lesson plan is prepared by course instructor mapping CO's are verified by HOD's and approved by the Principal.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Past link for Additional information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Evaluation of Programme Outcomes and Course Outcomes Attainment is evaluated through internal and external marks obtained by the students. Performance in each course of study will be evaluated based on continuous internal assessment tests (CIATs) conducted throughout the semester and University examination at the end of the semester. Each course, both theory and practical (including project work and viva-voce examinations) will be evaluated for a maximum of 100 marks. For all theory courses, the continuous internal assessment test will carry 20 marks while the end-of-semester university examination will carry 80 marks.

The students are evaluated in the practical courses after completion of each experiment. Before the end of the semester practical examinations, students are assessed through a model practical examination. The internal marks for the practical courses are arrived at based on the continuous evaluation of performance in the regular practical classes and performance in the model exam. All assessments for a course will be evaluated on a mark basis. However, for the purpose of reporting the performance of a candidate, letter grades and Grade Points will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject. The GPA for a semester is the ratio of the sum of the products of the number of

credits for courses acquired and the corresponding points to the sum of the number of credits for the courses acquired in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from the first semester onwards.

Evaluation of Programme Outcomes and Course Outcomes Attainment is evaluated externally through a Student Exit Survey held at the end of the program, an Alumni Survey, and Employer Feedback that are obtained every year. Value-added courses/Training programmes are conducted to bridge the gap between the curriculum and the expectations of other stakeholders.

A student will be declared to be eligible for the award of the Degree provided the student has successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time. Students who have secured not less than 8.50 CGPA within the prescribed time period will be awarded the degree in first class with distinction. Students who have secured not less than 7.00 CGPA within the prescribed time period will be awarded the degree in First Class, and all other students will be declared to have passed the examination in Second Class.

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 92.33

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
104	104	111	129	180

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
104	105	142	140	195

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.98	
File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

Any additional information

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 3.85

3.1.2.1 Number of teachers recognized as research guides

Response: 2

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
4	4	4	4	4

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

Institution Innovation Council (IIC):

The Institution takes several measures and creates eco-systems to promote innovations among students and the faculty community. The institution is registered with the MHRD-Institution Innovation Council (IIC). Under this council, faculty members from each department are encouraged to initiate various activities under the headings of innovation, IPR, entrepreneurship, and startup. To adopt the spirit and culture of innovation amongst faculty and students, the council members took part in activities associated with innovation, entrepreneurship, IPR, and design thinking, and they will deliberate on it among the student community. The IIC committee members of our college conduct an intra-college ICA Techfest for all the students in order to develop their engineering technical skills, communication and demonstration skills, and personality development skills, preparing them to be placed in top IT firms. The events like paper and multimedia presentations, mini projects, Debugging with Applications, Web Designing, Poster Designing, Group Discussions, Short Films, and Just A Minute are conducted regularly.

Idhaya Technological Entrepreneur Incubation Centre (ITEIC):

The College has the Idhaya Technological Entrepreneur Incubation Centre (ITEIC), to implement projects in relevant technology areas, social innovation, and/or fund the technology incubation programme with the

collaboration of other corporate institutions. The main objective is to encourage entrepreneurial initiatives amongst the students, faculty, researchers and alumni of IECW family. It is an opportunity to explore and promote innovation driven activities. This centre facilitates the creation of a conducive environment, provides technical support, business mentoring, and conducts training programmes for our students to start their own business after graduation. The ITEIC provides a platform to enrich students' innovative skills by arranging expert lectures by industry professionals for students, conducting technical programs, project exhibitions, and other noteworthy events with industry. The ITEIC believes it has a responsibility to train the teachers and students of rural schools with the latest technology as institution social responsibility activities.

Entrepreneurship Development Cell (EDC):

The Institute has established an entrepreneurship development cell (EDC). The EDC initiated various activities for the career prospects of students at different regimes, like self-employment, startup initiatives, collaboration with research institutions, and other industrial manufacturing related careers are enriched through various programmes. As a part of promoting entrepreneurship, our institute EDC encourages our students to run a cooperative student store in the hostel through which students get familiar with the entrepreneurial role. The EDC encourages establishing different clubs constituted by the students, thereby favouring the students by providing guidance on healthy innovation interactive sessions. EDC also helps the students to organize various events like seminars, workshops and entrepreneurial awareness programmes, inter/intra college competitions, organize the college bazar to enrich innovative ideas of the students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 3

3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2	0	1	0	0

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years	
Response: 0	
3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years	
3.3.1.2 Number of teachers recognized as guides during the last five years	
Response: 2	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years											
Response: 0.41											
3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.											
<table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>3</td> <td>4</td> <td>8</td> <td>5</td> </tr> </tbody> </table>		2020-21	2019-20	2018-19	2017-18	2016-17	6	3	4	8	5
2020-21	2019-20	2018-19	2017-18	2016-17							
6	3	4	8	5							
File Description	Document										
List of research papers by title, author, department, name and year of publication	View Document										
Any additional information	View Document										

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**Response:** 0.05**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	1	1

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities**3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.****Response:**

The service bodies of IECW comprise NSS, RRC, Rotaract, and YRC. The NSS has the main objective of personality development of the students through social service. This aims at instilling social welfare thoughts among the students by providing service to the society without any bias.

The broad objectives of the NSS Unit are as follows:

- To understand the community in which they work.
- To understand themselves in relation to their community.
- To identify the problems and needs of society.
- To utilize their knowledge to find practical solutions to individual and community-related problems.
- To practise national integration and also social harmony.

The NSS Cell of IECW educates the students more relevantly to meet the needs of society and supplements the education of the students by bringing them face to face with the real situation. The NSS Cell also provides opportunities for the students to play their roles in planning and executing development projects

which would not only help in creating durable community assets in rural areas and urban slums, but also result in the improvement of the quality of life of the economically and socially weaker sections of the population.

NSS Special Camp:

IECW will adopt a nearby village for every subsequent three years, and conduct a special camp every year for a one-week period under the guidance of the NSS Unit of Anna University. NSS volunteers generally work with the adopted village to complete 120 hours of regular activities during an academic year. As per the University rules, a NSS volunteer is expected to remain in constant touch with the village people. Various programmes like cleaning the village, medical camp, sapling plantations, awareness and motivational speeches on organic and natural farming techniques, safety precautions, training on computer skills for the school students, awareness of global effects, awareness dramas and recreational activities, etc are regularly conducted at each special camp.

Regular Activities:

Apart from special camp, regular activities are also conducted as follows:

- Awareness Programme on Dengue, Polio, AIDS, TB, etc.,
- Orientation Programme on Banking and other Welfare Schemes, etc.,
- Rally for Polio and Dengue Awareness, as well as other social ills.
- Conduction of Blood Donation and Medical Camp.
- Seminars on Health and Hygiene.

As instructed by MHRD and the Ministry of Youth Affairs, the NSS Unit of our College conducts the Swachh Bharat Abhiyan Scheme, Fit India Movement, Young India Enrolment, etc.

Flood relief activities, Flag Day, Communal Harmony Fund Generation, and Fund for the Blind Association, will also be done with the help of our college management, faculty members, and all the students of our college.

Installation of the **Rotaract Club** and induction of office bearers to it is done regularly, and various awareness programmes are conducted through the club.

The YRC club of our college conducts awareness and motivational speeches on topics like humanity, independence, unity, and impartiality.

The RRC club conducts awareness programmes on drug prevention, blood disorders such as HELP Syndrome, and for the fight against AIDS.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 32

3.4.3.1 Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4	7	7	8	6

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 40.96

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
70	180	198	235	202

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 0

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 8

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	1	2	1

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

IECW has a total area of 30.40 acres with a greenish environment and good approach road facilities with enough space for future expansion needs. There are two blocks of buildings housing the class rooms and laboratories for UG and PG programmes. One more block is exclusively available for administration, Central Library and department library services.

ICT-enabled classes equipped with LCD projectors, PA systems, and Wi-Fi setup are available as per the requirements of AICTE and Anna University. There are a total of 20 class rooms and three tutorial halls are available.

The infrastructural facilities of the College include 4 computer laboratories with a total of 180 computers and all other engineering laboratories equipped as per the requirements. All labs are provided with good computing and network facilities. Internet connectivity with 50mbps bandwidth is provided throughout the campus. A secured LAN and wireless access connectivity (Wi-fi) are provided in both the college and the hostel. A separate block for workshop for basic engineering practices and two engineering drawing halls to accommodate 140 students at a stretch are available in the institution to fulfil the norms.

The well-furnished Dupius Auditorium is available with a green room that has a capacity to seat 900 people for conducting all academic as well as cultural events. St Francis seminar hall, with a seating capacity of 180, is provided with video conferencing and air conditioning facilities. One more seminar hall, named St Clare hall, is available with an ICT facility for conducting seminars and workshops.

Separate rooms for NSS and the infirmary are available as per the requirements. A Career Guidance and Placement Cell with an interview room is available in the administrative block to motivate and guide the students in getting employment opportunities in the private and public sectors. The Institute Innovation Council (IIC) and Idhaya Technological Entrepreneur Incubation Centre promote the innovative ideas of students into commercial products. The Personality Character Formation Cell (PCF) was established for the overall development of students. The college also provides a common room for students' recreation. Our institution ensures the requirements of differently-abled people. Idhaya cafeteria and stationary store are also available.

Modernlib software was used to fully automate the Central Library. And the library has a total of 20,572 printed books, with 1000 volumes in the reference category and 500 volumes in the E-book category. PSWBC-ERP maintains IECW E-Learning content, which acts as a portal for the distribution of e books, question banks, and staff notes. The library subscribes to DELNET-IESTC e-journals and has DELNET institutional membership. In addition, the library manages a department library and a lending library for the use of staff and students, respectively.

The college has two hostel blocks with 80 rooms and has the accommodation capacity of 480 students. A separate mess block with an auditorium provides a venue for recreational activities for inmates and indoor

games. Furthermore, well-connected transport facilities are provided for the day-scholar students and staff members coming from nearby and remote areas.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

Various sports facilities are provided to the students within the campus, focusing on **sports** as one of the extracurricular activities. The College is committed to creating a balanced atmosphere of academic, cultural, and sports activities for the overall personality development of the students. **Various sports competitions such as Intra College, Zonal level, University level**, etc help in developing team spirit among the students. Their interpersonal relationship is enhanced in a very healthy manner. Students are awarded medals, trophies and certificates to motivate them.

Outdoor Games: The College caters to the needs of all major outdoor sports events with needed facilities. The playground facilities are as follows: Football court, Hockey ground, Volleyball court, Throwball, Kabaddi court, Kho-Kho, Shuttle and badminton. In addition to these, students are encouraged to take up field events like Javelin-throw, Shot-put, Hammer throw, Discus-throw by providing them with necessary sports equipment.

Indoor Games: A well spaced indoor games hall is used to play Table Tennis, Chess, Carrom, Chinese Checkers, Pallanguzhi (Bean Hole), Snake-ladder Game, and for gym.

Yoga: The College houses a Yoga Centre to revive the ancient tradition and culture to provide a healthy practise along with academics. This leads to an increased performance of the students in all respects. The college also offers a Yoga certificate program. Ample space is provided to practise yoga on the campus.

Cultural Activities: The College also encourages students to participate in various cultural and literary activities and make the students excel in their fields of interest. The college conducts various cultural activities like College day, Fresher's day and Talent show, Women's Day, Christmas Celebration, Bible Day, and Farewell Day. Along with these, various clubs were also formed in the college to motivate and ensure their active participation. The students' participation in cultural activities develops aesthetic sensibility and an appreciation for their effort.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 90.91

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 20

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 37.94

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
93.196	7.56	2.92	6.72	13.26

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Library automation is absolutely necessary and systematically manages the library functioning system. A common database is available to computerize the traditional library functions. Traditional libraries occupy more physical space and are also time-consuming in locating the books. So, the institution takes steps toward a wider and more comprehensive system of approach in providing computerized library services.

Library Automation:

Library automation makes the functioning of the library very systematic and takes no time whether a book is available or not, under whose possession, return due date everything in a minute. It is housed with a very good collection of books and journals. It has a total of 20,572 volumes of printed books and 500 volumes of E-books from open sources. The Department library and reference library share 1000 volumes of books each from the central library. IECW E-Learning material in PSWBC-ERP is being maintained, which serves as a gateway for the dissemination of e-books, question banks, and staff notes. The library has an institutional membership with DELNET and subscribes to DELNET-IESTC e-journals. The library also takes care of the department library and lending library for the benefit of staff and students' members, respectively.

The library properly catalogued and arranged the books and journals subject-wise and classified them under the Dewey Decimal Classification (DDC) method. The library plays an important role in promoting information and knowledge and provides access to e-resources through DELNET, DELNET-IESTC, NDLI, NPTEL Web portal for video lectures, and IECW E-learning materials through ERP for students.

Modernlib version 4.1

The library was partially automated in the year of 2008 using Del plus software and it was fully automated in the year of 2012 with Autolib Software. Due to technical issues persisting in the Autolib software, Modernlib software was installed in which all the issues and return details are entered automatically by scanning the bar code. All the previous records of the users can be easily retrieved at any time. Modernlib is a web-based library management software that empowers institutions to meet their academic goals.

OPAC (Online Public Access Catalogue)

OPAC is a very useful tool for students and faculty members to search for the availability of a specific book. OPAC gives full details of the accession of the book. It also provides the physical location of the book.

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 1.87

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	1.309	2.243	3.278	2.537

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 23.63

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 86

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The College has established a high-speed campus-wide network that connects all the departments consisting of 280 systems. A fully distributed computing environment based on clusters of workstations and PCs provides users with ready access to computing resources, services, software, and applications. The College has a website-www.iecw.edu.in which is updated frequently.

The environment is tailored to the specific teaching/learning needs of each department with **LCD projectors and a PA system**. The college has an internet facility with one leased line, one from Airtel with 50Mbps, and the institution also has Wi-Fi at various locations (Canteen, Library, Seminar Halls, Placement Cell, etc.) throughout the college campus.

The server room has multiple **servers**, namely: Windows, Linux, Wifi Server, and Oracle Database, NPTEL.

The Windows and Server software are licenced under the **Microsoft Campus Agreement**. Every year, this licenced software is renewed. The computers are serviced and maintained by a team of service engineers. In addition to that, we also provide **Kaspersky Antivirus** to prevent illegal access to the internet. **Wi-Fi** connectivity is provided for hostels, offices, departments, and the library.

Our College serves a central computing facility which offers computing and internet services to staff and students. The IQAC organizes programmes to motivate teachers to prepare computer-aided teaching and learning materials, mostly using open software and tools.

As per the university norms, computer laboratories are constructed with **specified areas** and equipped with computers, Internet facilities, and **printers**. The Language Lab contains a **Web camera and head phones** for students. Several laboratories, staff cabins, offices, and the library have computers with internet and printer facilities. It is available for students beyond working hours. Most of the updation and maintenance of the computers are done with the help of the College Management.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 1.73

File Description	Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 250 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 78.65

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
37.12	73.58	85.61	81.02	81.41

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The college has qualified and skilled manpower for executing maintenance activities in all departments. A separate **budget provision** is allocated for the upkeep of academic facilities like laboratories, classrooms, skill-related workshops, and conference and seminar halls. In addition, the general facilities like sports,

restrooms, transport are also maintained.

General maintenance like civil, electrical, air conditioning, plumbing, horticulture, and the **cleanliness** of the buildings, classrooms, labs, furniture, seminar halls, conference hall, play field, sports facilities, staff and student amenity areas, **cafeteria**, rain water harvesting pits, **water coolers, RO water purifiers**, fire extinguishers, first aid kits, etc. are maintained by the Infrastructure and Estate Maintenance in-charges.

Physical facility complaints are rectified by regular visits on a periodical basis. Based on the site conditions, renovations are proposed for works such as civil work, electrical work, painting, furniture, etc. The Department heads will report to the administrator periodically, for the maintenance of physical facilities. Minor repairs are registered in **the complaint register** and are attended to on a priority basis. It also manages the maintenance of generators, lighting loads, solar plants, etc. Annual maintenance of generators is given to a third party, and periodic visits are conducted to ensure proper functioning of the generators.

The campus has a **UPS** room which takes responsibility for supplying an uninterrupted power supply to the entire campus.

The institution has a separate server room for the **maintenance** of computers and related accessories. The **IT support** is headed by a System Administrator. The maintenance work includes replacement and repair of computers, accessories, hardware upgradation, software installation and upgradation, Wi-Fi maintenance, troubleshooting issues, etc. IT Support takes care of the maintenance of computers, supporting hardware, LAN and Wi-Fi across the campus. Periodical examination is made by the supporting staff of the departments.

Maintenance of **sports facilities** is taken care of by the physical education department headed by the Physical Director and Committee members.

The maintenance of the **library** is taken care of by the librarian and his supporting staff. Internal audits are done in the library to maintain the wellness of the books. The text books, binded volumes of journals, and Library software are maintained by the Library in charge. The utilization of these facilities is continuously monitored.

In consultation with the lab in-charges, HoDs maintains the laboratories, workshops and classrooms. Calibration of the metres and equipment is done by third-party companies regularly, to ensure accurate reading for the experiments conducted in the **laboratories**.

The effective utilization of facilities (academic as well as general) is ensured through proper planning at the beginning of the semester while drafting time-tables and academic schedules.

The **Garden** maintenance are taken care of by co-workers and monitored by the estate maintenance in-charge.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 82.04

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
0269	291	367	396	411

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 4.98

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
16	23	25	20	18

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: B. 3 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 25.31

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
30	160	64	113	182

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: C. 2 of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 44.34

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
55	60	70	50	52

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 37.5

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 39

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 58

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	3	1	2

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	6	5	10

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities**5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural**

activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 0

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Idhaya Engineering College for Women (IECW) has several committees for the benefit of the students and offers opportunities for them to participate in administrative, cocurricular and extracurricular activities. This develops student leadership qualities, skills execution, team spirit and experiential learning capacity.

Administrative Activities

The Internal Quality Assurance Cell (IQAC) of our college is comprised of student representatives who participate in the decision-making with regard to building and ensuring a quality culture. Students are active members of the anti-ragging committee to monitor and ensure the campus is free from any ragging-related activities. Also, they are involved in the Internal Complaints Committee with the objectives of creating a safe campus for students and faculty to function without fear, threat or anxiety and ensuring the campus is free from abuse or harassment. Every department has a student association that organizes technical events regularly. Few students serve as office bearers in associations for positions such as President, Secretary, Treasurer etc and improve their organizing capacity by involving themselves in and coordinating all functional committees of the events, as well as the execution of all related activities. In every class, student representatives take up a leadership role and build a cordial relationship between the faculty and students. In class committee meetings, the student representatives discuss academic progress

and other issues to be resolved for an effective teaching and learning process. The Hostel and Mess committee is taking responsibility for the smooth functioning of the hostel and mess. Bus representatives play a major role in maintaining discipline and avoiding any other misbehaviour inside the bus.

Cocurricular Activities

Students are enrolled as members in professional bodies such as ISTE through which they take active participation in various technical events like TECH FEST, symposiums, conferences and project expos. Students in the Anglo Franca Club, in particular, cultivate an English-speaking environment on campus through a variety of communicative skill development activities.

Extracurricular Activities

Students organize various events such as Fresher's Day, Teachers' Day and Farewell Day with the guidance of faculty members, and to promote communal harmony, all religious festivals are coordinated by the students. To express their cultural talents, TALENT SHOW is organized by the Immaculate Youth Movement (IYM) regularly and the winners are recognized at the College Day celebration. To nurture the emotional and spiritual quotient of the students, events like yoga, meditation, alms giving, guidance and counselling are carried out by Immanuel Power Cell (IPC). Further, various clubs like Entrepreneurship Development Cell, Eco Club, Leadership Club, Choir Club, Decoration & Arts Club and Dance Club are in operation by allotting Personality and Character Formation (PCF) hour in regular time table. Students are voluntarily involved in service bodies like NSS, YRC, RRC and Rotaract clubs to undertake regular social service activities inside the campus and nearby villages. As a highlight, the sports achievements of our students at all level in University Zonal/ Inter Zonal tournaments emphasis the determination of our students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 7.6

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
05	8	9	8	8

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

Idhaya Engineering College for Women has an active Alumni Association called OSAI (Old Students Association of Idhaya).IECW has a practice of inviting alumni to the campus for "OSAI Alumnae Home Meet" periodically, along with their family members. An exclusive Chennai chapter was started in the year 2012 to facilitate the alumni who are in and around Chennai.

OSAI organizes alumni meetings every year to develop the bond between the alumni and their alma mater. The alumni meeting acts as a bridge between the past and the present, endeavouring to build a better future. Also, it provides a platform for the alumni to network and interact with the students, faculty members and the management. The alumni association seeks a lifelong intellectual and emotional connection between the institution and its alumni and also creates an environment of goodwill and support. Every year, the outgoing graduates are inducted as the new members of OSAI with the installation of office bearers of that batch on the day of their graduation.

OSAI contributes to the development of the institution in many ways, such as:

1. Donating the books to the Students' Lending Library for the usage of students in addition to the library facility.
2. Acting as a resource person for various technical events such as guest lectures, seminars, project expo juries and so on, in order to guide and motivate their juniors to develop their personal and technical skills.
3. Providing career guidance, assisting training and placement activities by giving coaching and conducting mock interviews to help their juniors to meet the industry's needs for getting placement.
4. Promoting our institution to the public and their relatives to enhance the admission of the institution.

IECW always appreciates the contributions made by the alumni members in enhancing the prestige of the institution. As a new initiative, the Institution conducted batchwise Virtual Alumni interaction meets for all the outgone batches during the COVID'19 pandemic lockdown period. The Institution maintains a friendly relationship with the alumni and collects their valuable feedback and suggestions for the growth and

development of the Institution now and then. The testimonials of notable alumni are collected and uploaded on the college website.

Thus, as the most loyal supporters and best ambassadors, they offer invaluable marketing and promotion across their personal and professional networks. IECW has an effective alumni network assures the alumni as a significant stakeholder by making them actively participate in the institution's developmental activities.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

File Description	Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Vision: To develop IECW as a Centre of Excellence in imparting futuristic technical education to foster the success of our community in meeting individual and common goals whilst we uphold the basic principles and ethical values and instil high patterns of self-discipline to build a better world for the human race.

Mission: IECW will play a leading role in transforming the lives of rural based marginalized womenfolk by widening the intellectual horizon and instilling high ideals towards holistic formation and development, thereby promoting excellence in lifelong learning through accessible, professional education programs and community partnerships.

Quality Policy: IECW aspires to impart futuristic technical education by enhancing the teaching-learning process on a continual endeavour and thereby developing the Institute as a Centre of Excellence.

Nature of Governance in tune with the vision and mission of the institution

There are three forums functioning in the college. They are

1. Governing Council
2. Administrative council
3. Planning and Monitoring Board

The composition of the above bodies is provided by the statutory regulating and affiliating bodies. The frequency of the meetings is also given by them, and if necessary, additional meetings are also held.

The Governing Council will frame the budget, directive principles, revise and approve policy decisions to align with the vision and mission.

The Administrative Council meeting is held twice a semester to decide on various administrative and academic activities in tune with the vision and mission of the Institution.

The Planning and Monitoring Board meeting is conducted once a semester and also at the beginning of each academic year to discuss and plan for the preparation of the academic calendar and college calendar.

Perspective Plans

Long term plans:

- Initiation of accreditation activities and implementation of QMS.
- Affiliation and Approval processes.

- New courses' introduction/increase, /reduction of intake in UG and PG
- Establishment/ Modernization of Labs.
- Staff recruitment and career development.
- Budget allocation.
- Establishment of infrastructure/ Transport services.
- Training and Placement activities.

Short Term Plans:

- Maintenance of the goods / equipment / books.
- Course Planning, Delivery and Assessments
- Department Association Activities
- Student grievances redress /Stakeholders' feedback review
- The college functions

Participation of Teachers in Decision Making Bodies

All administrative and academic activities are decentralised and decisions are taken based on the discussions in the meetings. HOD's and faculty members work along with the principal to execute various functional committee activities. The various functional committees are the Internal Quality Assurance cell, R&D cell, Idhaya Technological Entrepreneur Incubation Centre, Training and Placement cell, Institutions Innovation cell, Professional bodies, Service bodies, Women Empowerment Cell, Immaculate Youth Movement, Extracurricular Activities Committee, Immanuel Power Cell, Sports Committee, Corporate Communication Committee, Learning Management System (LMS) cell, Examination cell, Admission Affiliation Approval Committee, and OSAI - Alumni Association. To meticulously plan and assure the vision and mission of the college, the teaching and non-teaching members are assigned various roles and responsibilities in the above committees.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The institution encourages and practises decentralisation in all academic and administrative activities towards participative management in collective leadership which involves the management, staff, and students. The College administrative council, comprising internal senior administrative and academic

authorities, has the power to plan and execute the administrative and academic needs.

Decentralisations at various levels are,

- The Principal responds to the day-to-day administrative requirements of AICTE, DOTE, Anna University, and scholarship schemes and also delegates various roles and responsibilities to the heads and members of functional committees.
- HODs are given authority on academic and value-adding practises of the concerned department.
- At the department level, HOD prepares the budget, assigns department coordinators for various committees, and also conducts association activities such as national and international conferences, organising seminars and workshops, arranging industrial visits and internships, and in-plant trainings for the benefits of students.
- HODs and the faculty of the particular laboratory decide the lab requirements and suggest them to the management for purchase based on the comparative statements and place an order.
- Improvement at programme level is possible when the programmes are monitored from the achievement of the programme outcome. With this background, Programme Coordinators (PG-Head) were identified to support the Head of the Department in executing academic activities effectively.
- HR services take care of staff recruitment, staff appraisal, and faculty development and training programmes.
- Based on the annual requirements, the librarian is permitted to procure books and subscriptions to journals.
- The IT support in-charge is given authority to purchase computers, printers, and other ICT requirements.
- The infrastructure coordinator takes steps to prepare a proposal for any new construction.
- The Estate maintenance coordinator takes steps to prepare a proposal for repair / renovations maintenance work related to electrical work, plumbing work, furniture, etc.
- The Transport Manager supervises the daily transport operations and takes steps for the yearly maintenance and renewal of legal and statutory requirements with the approval of the management.
- The senior faculty members are appointed as conveners for various committees and given full autonomy in decision-making regarding their activities and execution.

Case Study:

Organizing International and National level Conferences / Symposium – All the departments of Idhaya Engineering College for Women jointly with the R&D Cell organise international conferences regularly with the motto of providing a platform for researchers, academicians, engineers, and students to exchange

their novel ideas related to engineering, science, and technical fields.

Different committees for organising and coordinating pamphlet designing and dispatching, registration, technical work, proceeding preparation, feedback collection, and certificate distribution are formed with convenors and members for the successful completion of the conference, which improves teamwork and leadership skills.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Idhaya Engineering College for women has various strategic plans and deploying procedures for overall development and continuous improvement for steady growth of the institution. The strategic plans were achieved by the well-experienced and highly qualified staff members by effectively utilizing the resources of the institution, such as: ICT enabled classrooms, well-equipped laboratories, Internet connected and Wi-Fi enabled college and hostel campuses, Auditorium, Seminar Hall with video conferencing facility, excellent playfields, Digital library etc. which improve the excellence of the institution.

Implementations of few Strategic Plans are

1. Establishment/ Modernization of Labs.
 - EEE Department's new Renewable Energy Systems Laboratory fulfilling the requirements of Regulation 2017 of Anna University, Chennai has been installed in 2020 at the cost of Rs.3,89,781/-
2. Establishment of Infrastructure
 - To provide safety to the college resources available inside the campus, a permanent RCC combined brick walled compound wall was constructed around our college boundary at the cost of Rs.52, 00,000/- in 2020.
 - To facilitate online virtual meetings, a video conferencing setup has been established at the cost of Rs.86,190/- in 2020.
3. Launching of Transport services.
 - To cater the transport needs of the day scholar students coming from the remote villages, a van was purchased at the cost of Rs. 3, 20,000/- on 16th May 2018 and also a new Eicher was purchased on 25th March 2021 at the cost of Rs. 17,02,675.00/-.
4. Maintenance of the equipment
 - The RO Plant was renewed with an Automatic Advanced RO Plant System at the cost of Rs.1,45,000/- on 16th November, 2016. A New white syntax water tank with a capacity of 1000 litres was mounted.

Case Study:**Launching of Transport services**

To cater to the transport needs of the day scholar students coming from the remote villages, the management decided to purchase the new Eicher van. The proposal was placed before the college governing council meeting and approved by the council. Also, the Generalate accorded permission to proceed further. The New Eicher van was purchased on 25th March 2021 at the cost of Rs. 17,02,675.00/-.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The IECW organisational chart provides a clear picture of administrative authority, functional, departmental leadership, and their hierarchical order. The secretary of the institution is the highest authority. She plays a major role in the development and growth of the institution. The principal plays a vital role in academics, discussing, executing, and promoting key developmental activities suggested by the secretary through the vice-principal, faculty, and staff members.

Administrative Set-Up:

Secretary – Secretary is the driving force behind achieving the vision and mission of the Institution and convenes important meetings to take decisions for better governance. She facilitates coordination amidst the members of the administrative officials and creates positive team spirit in order to empower women in technical education towards the motto: To Build a Better World. The Secretary plays a major role in the college's Governing Council and Administrative Council.

Administrator – Administrator is responsible for receipts and payments, imbursement of salaries, and monitoring the financial status with yearly plans and budgets. The Administrator also takes part in the regular college administration in the areas of HR Services, Infrastructure & Legal approval, Institution promotional activities, Accounts CAPEX, Canteen, Estate Maintenance, Transport Services, Security, IT Support & Maintenance, Students' Support & Administration, Student Discipline, and Hostel & Mess administration, and reports to the secretary for approval and execution.

Principal – Provides academic and administrative guidance to staff and students in the administration of the institution in accordance with AICTE/UGC/Anna University/DOTE rules and directives, monitors progress and evaluation of academic performance, monitors student activities,

guides HODs, Exam Cell Coordinator (internal and university examinations), and conveners of various committees. The Principal optimally plans, allocates, and supervises the utilisation of institutional resources and ensures quality enhancement and sustenance through the Internal Quality Assurance Cell (IQAC) of IECW.

The Vice-Principal acts as the IQAC coordinator and institutionalises the quality enhancement and sustenance in all the key areas of the services. The Vice Principal provides necessary assistance to the principal for all the academic activities, bridging the management and staff for the growth of the institution. The Vice-Principal coordinates ITEIC, ISR, corporate communications-LMS, Alumni activities (OSAI), Professional bodies, Extracurricular, IIC, Women Empowerment Cell, Service Bodies, R&D and funded projects, Training & Placement activities, Physical Education, and Librarian (Library & information services) for creating an effective and efficient work environment.

Head of the Department — He/She monitors and aspires to develop the department in all activities and leads students to excel in their academic performance by effectively implementing teaching-learning processes, carrying out association activities, arranging Inter/Intra technical meets, in-plant training, internships and industry visits, and parent communications.

Service Rules & Procedures: HR services take care of staff recruitment, staff appraisal, and faculty development and training programmes. IECW has articulated its rules and regulations through an HR manual which describes the service rules and career development rules for the staff members.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	View Document
Paste link for additional information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: B. 3 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The progress of the institution is based on the welfare of teaching and non-teaching faculty. The Idhaya family members (Teaching, Technical, and Non-Teaching Staff) were taken care by the management through various welfare schemes. The beneficial measures boost the Idhaya family members to be loyal, happy and committed towards the work.

Idhaya family members have been given various types of leaves as follows,

Casual Leave: All the staff members are eligible for 12 days of casual leave per Academic Year. Staff members engaged in academic or non-academic work on holiday can avail compensation on any working day within that month.

Religious Leave: Staff members are entitled to two days of leave for religious festivals other than the regular holidays mentioned in the academic calendar.

On Duty Leave: Teaching faculty members can avail 20 days of OD in an academic year.

Career Development Leave: To pursue higher studies, university-approved work, and to jury/participate/present in Conferences, Guest Lectures, FDTP, etc.

College Activity Leave: Staff members deputed by the college for college-related work are granted on-duty leave.

Medical Leave: Staff members can avail ML only in the case of illness requiring hospitalization by producing a medical certificate. The number of leave days and the salary for those days are decided by the year of experience in IECW.

Maternity Leave: Maternity leave is granted for a maximum period of one year.

Vacation leave: Staff members are entitled to 10 days of vacation leave in the winter. A maximum of 20 days of VL in summer is granted based on the years of experience at IECW.

Financial Support:

Employee Provident Fund (EPF): Staff members are enrolled under the EPF Scheme, other than those who joined the institution after the age of 58 years.

Gifts / Bonus: The joy of the Christmas celebration is shared with the staff members with Gifts/ Bonus by the Management.

Festival Advance: Non-teaching staff can benefit from interest-free festival advances, and they are recoverable at EMI.

Personal Loans: Staff members are granted personal loans without interest for emergency purposes, and they are recoverable as EMI.

Higher Studies: Financial assistance is given for pursuing higher studies (Ph.D course work, skill enhancement training programme, etc., journal publications, and attending conferences on a preferential basis.

Travelling Allowance: TA is paid to staff members for attending conferences, FDPs, etc., for official purposes and institute interested activities at the discretion of the Management.

Hostel Accommodation: Staff members staying in the hostel are given free accommodation and a mess concession.

The Best Researcher award is given to faculty who publish the most papers in reputed journals and present papers at conferences. The best ambassador award is given to the staff member who promotes college in society. Pongal, Diwali, Teacher's Day and Women's Day are celebrated with gifts. Staff outings and sports competitions are organised to refresh themselves. Management takes part in the family celebrations of the staff members to strengthen the cordial relationship.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 9.6

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
9	10	10	10	9

File Description	Document
Upload any additional information	View Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	View Document
Reports of Academic Staff College or similar centers	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 69

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
45	40	38	46	43

File Description	Document
Upload any additional information	View Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View Document
IQAC report summary	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

Idhaya Engineering College for Women has a faculty appraisal Form (FAF) to assess the calibre, performance and contribution to the progress of the department and the institution. Also, an effective performance appraisal system helps the faculty members to improve their performance and enhance their professional growth. Our college's FAF elaborates on individual personal data, academic performance evaluation, and administrative performance evaluation for the academic year spanning July 1st to June 30th.

With the assistance of the screening committee, the HOD verifies and endorses the academic performance evaluation submitted by the individual faculty members with self-evaluation. Administrative performance is screened by the Vice-Principal. The Principal forwards the FAF with his observations and remarks to the Secretary.

Academic performance evaluation is subdivided into particulars of educational qualifications, experience in teaching, industrial experience, teaching workload, FDTP/Conference/Seminar/Workshop attended, Conference Publications, Journals/Book Publications, FDTP/Conference/Symposium/Seminar/Workshop Co-ordinated, Delivery at Conferences/Workshops/Seminars/Guest Lectures/Orientation Programmes, Research and Development Activities. Primarily, the individual faculty members' educational grades along with experience were graded. The courses handled and results produced in University Examinations by the faculty are assessed and rated. Faculty who are expanding their professional knowledge are appropriately calibrated. Leadership and team-player skills are also assessed. Knowledge sharing is the best way to exhibit the skills that are assessed by their inter- and intra-institutional delivery.

Administrative performance evaluation is assessed by the individual faculty's contribution towards the various activities in the college. Each staff member is composited into any one of the college's functional committees. Every faculty member can express their contribution towards the betterment of students and institutions. This division reveals the management about staff members' all-round performance and commitment towards their responsibility.

Technical staff is assessed by the H.O.D of each department for their skillsets along with the individual technical qualifications and experiences.

This evaluation system helps the staff members to realise their own strengths and weaknesses, which triggers them to expand their knowledge and improve in any weaker areas for the better. The faculty appraisal form gives an overall impression of them, and every faculty member endeavours to give their best effort in accomplishing the target score, which indirectly helps students and the institution.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Idhaya Engineering College for Women (IECW), Chinnasalem, is a unit of the Immaculate Heart of Mary's Society, which is run by the Franciscan Sisters of the Immaculate Heart of Mary (FIHM) Congregation, Pondicherry. All the income and expenses incurred by the institution were audited by three different wings of the audit system, viz., Internal Audit, External Audit, and Government Audit, every year.

Internal Audit:

The internal audit team consists of the FIHM General Financial Administrator and one or two members of the FIHM Financial Advisory Committee deputed by the General Financial Administrator from outside the IECW. This internal audit team has been functioning on an honorary basis and has been instrumental in setting up the financial controls and systems since the date of inception of the Institute and brought in a methodological and organized approach to evaluate constantly and to improve the financial management, devise strategies for protection, compliance with laws and regulations, as well as the overall financial control process.

The internal audit team audits all types of income and expenditure, physical verification of books of accounts, vouchers along with supporting documents, stock registers, fee fixation records, details of concessions, contributions from the Generalate and scholarships received from the government.

External Audit:

Thomas & Co, Chartered Accountants have been our Statutory Auditors for the last five years. They are independent auditors appointed by the Society to conduct the audit of the financial statements, including the balance sheet and income and expenditure statements, of the college.

The external audit verifies books of accounts, vouchers along with supporting documents, EPF payment, TDS payment and filing, pass books, fixed deposits, and bank statements. After the audit, a list containing details of major expenses, bank accounts, FDs, etc., is given to the Statutory Auditor for the purpose of preparing the audit statement of the institution and completing the government's ITR formalities. The audit report comprises of the auditor's report, receipt and payment, income and expense, balance sheet, schedule of fixed assets, bank and fixed deposit details.

Government Audit:

The audit team deputed by the Adidraavidar Welfare department and the department of BC/MBC welfare visited the institution and audited the PMSS and BC/MBC scholarship receipts and disbursements. They also verify the status of fresh and renewal application PMSS students' renewal application, genuineness of the students by crossing checking the university examination appearance, Income and Community certificates. The audit objections, if any, will be settled with proper explanations.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Institute maintains and follows a well-planned process for the mobilization of funds and resources. The

process involves System Administrator, Accounts office, Department Heads, Librarian and various Functional committees of the institute. Institute has designed some specific rules for the fund usage and resource utilization. The institution follows cent percent transparency in use of funds.

Mobilization of Funds:

- The student tuition fee is the major source of income for the institute.
- Contribution received from the FIHM congregation are spent for the establishment of various infrastructural development such as building class rooms, purchase of new vehicles, renovation and installation of the laboratory, etc.,
- Transport fee is collected from the day-scholar students and hostel fees are collected from the inmates.
- Sponsorships are sought from individuals and clubs for cultural events and developmental activities.

Utilisation of Funds:

- A Finance Administrator monitors the optimum utilization of funds for various recurring and non-recurring expenses under the approval of the Secretary.
- Department Heads, System Administrator, Librarian and convener of various committee seeks quotations from vendors for the purchase of equipment, computers, books, etc and prepare comparative statement in regard to pricing, quality, terms of service, etc. which will be scrutinized by the principal and vice-principal and forwarded to the secretary for approval.
- For major expenses the secretary writes and gets the approval from the Generalate.

Resource Mobilization Procedure:

- Before the financial year begins, Principal and Heads of the Department prepare, lab and stationery requirements and submit to the management. Finance Administrator prepares the institutional budget which includes recurring expenses such as salary of teaching and non-teaching staff, electricity and internet charges, stationery & other maintenance costs.
- It also includes planned expenses such as lab equipment purchases, library books, furniture and other development Expenses.
- The budget is scrutinized and approved by the Secretary and the Chairman of the institution.

Optimal utilization of resources:

- The optimal utilization is ensured through encouraging innovative teaching-learning practices.
- Library and Internet Lab functions beyond the college hours for the benefit of students and faculty.
- The available physical infrastructure is optimally utilized beyond regular college hours, to conduct remedial classes, co-curricular activities/extra-curricular activities and sports activities.
- The college optimally utilizes the resources for promoting R&D and outreach activities.
- The faculty, who exhibit initiative and receive substantial grants for R&D will be appreciated.
- The college infrastructure is utilized as an examination centre for various online and offline Government Examinations.
- Effective utilization of infrastructure including laboratories is shared with the external peoples for the benefit of society.

Optimum Utilization of funds is ensured through:

- Adequate funds are allocated for effective teaching-learning practices.
- Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed and movable assets.
- Some funds are allocated for charitable activities as part of ISR through IECW.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5 Internal Quality Assurance System**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes****Response:**

The Internal Quality Assurance Cell (IQAC) of IECW has been working on developing quality and monitoring performance indicators for the institution. With emerging IQAC environments, the college is proactively involved in various strategies and processes for quality assurance. Two practises institutionalised as a result of IQAC initiatives are as follows:

Practice 1: Emphasis on Project-Based Learning

A Project Exhibition is organised every year for students to exhibit their technical skills and knowledge and to emphasis on project-based learning. This practise helps our rural-based students to learn from their peers, develop leadership and presentation skills, improve their teamwork abilities, and transform their attitudes towards experiential learning. In 2018, an Intra-College Project Panorama was conducted to encourage all UG students to exhibit innovative project ideas, and later, Inter-Collegiate Technical Project Exhibitions Tech Expo '19 and Tech Expo '20, were organised along with International Conferences as an initiative of IQAC. During the COVID '19 Pandemic lockdown period also, department-wise Virtual Project Expos were conducted. This practise provides an opportunity for students to apply their acquired theoretical knowledge to real-time projects and to face the various challenges in those projects. Students were also encouraged and guided to apply for the Tamil Nadu State Council for Science and Technology's Student Project Scheme and a batch has received a grant for the same. In addition, a team of our students developed a web-based college ERP for academic, administrative, and LMS activities as mini project modules on real-time application of the college automation system. Thus, the skills that our students learn by doing projects make them better prepared for the industry than simply learning by reading.

Practice 2: Recognizing Outstanding Staff and Students

IECW believes that a positively encouraged team of staff and students can be a real resource for the institution. With the objective of building team spirit and cultivating the habit of healthy competition, the

students of the entire college are divided into four teams and allowed to participate in intra-college level Tech Fests, Talent Shows, and Sports Meets to perform their abilities and develop their skills. The best team is selected based on the overall points that were scored in academic performance, co-curricular, extra-curricular, and sports activities, and is honoured in the annual college day celebration. With the objective of improving research activities and learning thirst, the Best Publisher Award and Library User Award are given to both staff and students. The Best All-Rounder Award is given to the toppers department-wise as an encouragement to secure university ranks. The Best College Ambassador Award is bestowed on the staff member who contributes most to the development of the institution. And the parents of the students who scored 100% attendance are also honoured for their sincerity and their responsibility with the Best Motivator Award. This practise helps to improve the performance of the staff, students, and parents, and encourages them to work at higher levels of their abilities and to maintain cordial relationships.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The IQAC of the Institution reviews its Teaching-Learning Process, Structures & Methodologies of Operations, and Learning Outcomes by convening frequent meetings, collecting feedback from the stakeholders, conducting Academic and Administrative Audits (AAA) by internal and external experts and internal and external audits as per the ISO 9001:2015 quality management system at regular intervals.

Actions have been taken to rectify the observations from the audits, and the incremental improvements are identified in the following activities:

Example 1: ICT-Enabled Education

IECW formed a new committee named LMS Cell to encourage digital delivery and assessment of courses by the faculty for the purpose of facilitating students' e-learning materials and to replace the old system of conventional blackboard teaching learning process. Lesson plans, lecture notes, attendance & assessment, and a question bank are prepared as e-content and posted on Google Classroom and the PSWBC-ERP e-learning page, which is linked to the college website. This practise helps our students easily access the course materials and notes through the internet from anywhere and at any time. And IECW subscribes to DELNET- IESTC for accessing e-journals for research and innovation activities. To facilitate ICT enabled teaching, all classrooms are digitally enabled with ICT connectivity, LCD projectors, speakers and Wi-Fi connectivity. Periodical trainings were given to the faculty in the ICT mode of teaching, preparing E-

Contents/Video Lessons, and teaching the students to use e-learning tools and e-resources. Thus, IECW integrated with modern ICT-enabled teaching, learning, and assessment processes and made remarkable changes to the development of rural-based women in technical education.

Example 2: Value Addition Practises

IECW conducts skill based training programmes with the collaboration of the industries to bridge the gap between the institution and the industry. It helps students to understand the expectations of industry and to become job-ready. As per the guidelines of the affiliating university, value-added courses are conducted, assessed, and grades are figured in the mark sheets. And to develop the technical knowledge of the students, add-on courses, certificate courses and Hands on training on cutting-edge technologies are also conducted beyond the syllabus to meet industry needs.

Furthermore, the following reforms have been initiated in the academic and administration domains.

- The college has been recognised under the 2 (f) status of the UGC.
- Anna University's Permanent affiliation of CSE and ECE programmes
- Upgradation and recertification of ISO 9001: 2015 Quality Management System
- The Idhaya Technological Entrepreneur Incubation Centre (ITEIC) was established.
- Established the MHRD's Institution Innovation Council (IIC)
- MoUs with educational institutions and companies
- Attainment of COs & POs, Revised Blooms Taxonomy as a part of Outcome Based Education
- Allotment of Personality and Character Formation (PCF) hour in the regular timetable for mentoring and skill based club activities.
- Conducted batch-wise alumni interaction meets virtually for all batches.
- Conducting parent's meet yearly both in college and hostel

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)

3.Participation in NIRF**4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)****Response:** B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Idhaya Engineering college for women is always sensitive and empathetic towards social problems pertaining to the girl students taking admission to the college and is always concerned with their betterment socially and economically.

The Women Empowerment Cell is organizing activity to address the issue of gender equity. Every year International women's day is celebrated by the WEC. Seminar on women's right conducted for the students about the rules, regulations, acts and laws made by the Indian government regarding the safety of women in India. Street play has demonstrated by the students to create the awareness of female infanticide among rural people and to educate female child. To develop the sales of products made by Self-help groups women and to impart marketing awareness to the students "College Bazaar" was organized by Tamilnadu women development organization jointly with WEC.

Safety and Security:

The college is very keen regarding safety and security of the girl students and women faculty. The college has discipline and welfare committee for continuous monitoring and resolving student's complaints. The confidence building is done by organizing workshops and programs for the students. The college has Anti Ragging committee to take necessary action on sensitive issues of the girl students which helps to ensure their vibrant presence. The entire campus is covered under CCTV surveillance facility. The footage of the recording is often reviewed and necessary actions are taken, if any suspicious activity is observed.

Counseling:

In order to reassure the student community to avoid any kind of stress and panic in the prevailing circumstances via-a-vis their studies, health related issues, an active counseling system is followed in the institution to provide effective counseling to the students. External counselor is visiting college to interact with the students twice in a year. Two of our qualified faculty members execute necessary counseling to the students. The institution has also a well-defined student mentoring system. The WEC conducts many programs to deal with personal health issues, mensural hygiene and gender sensitization and legal awareness to encourage and boost the confidence level of the students.

Common Room:

The College provides common room for our students of the college for recreation and relax among the students. This space has been designed to give students a place to refresh, study, to have informal discussions in free time available. Newspaper and Journals are also placed in the common room for the use of the students.

Infirmary:

The College Sick Room is equipped with a bed, first-aid kit and it is provided to the students affected by health issues during working hours. MOU is established with nearby hospital for visiting the campus every Thursday for consultation.

Day care center:

Day care center is a facility which enables working parents to take care of the kids. MOU has been arrived with day care center to provide care to the children up to 6 years of age, who need care, guidance and supervision away from their home during the day.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management

- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

IECW focuses on maintaining eco-friendly campus, by taking a lot of initiatives to retain the green environment and pollution free campus. The monitoring and assessing of the green environment are constantly explored and implemented in a planned way in the following types of degradable and non-degradable waste. The faculty in-charges and volunteers of ECO-club make college and hostel areas completely green and pollution free. Many green environment awareness programs are conducted. Affiliating university offers a course on Environmental science and Engineering for all UG students as a professional core subject to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

SOLID WASTE MANAGEMENT:

IECW does solid waste management through vermicomposting. Sufficient quantity of dust bins, clearly marked as cyclable and recyclable waste, are placed at many places within the campus for the students to dispose the waste. Paper wastages are collected frequently and given to the recycling vendors. All the metal scraps are disposed regularly. Wooden waste is fed into the steam boiler for cooking in the hostel. Kitchen waste and vegetable waste are utilized at the bio-gas plant. Paperless communication is also practiced for academic and non-academic activities.

LIQUID WASTE MANAGEMENT:

The waste water is reused for gardening. All the pipe lines are periodically checked for leakages to optimize the usage of water.

E-WASTE MANAGEMENT:

The E-waste includes a wide range of electronic and electrical items such as computers, printers, keyboards etc. Electronic machines and goods are put to optimum use. The institute take efforts to minimize E-waste by repairing the computer peripherals and electronic components to extend its life cycle. UPS batteries are recharged/repaired/exchanged by the suppliers. Entered MOU with a computer service center for collecting e-waste for recycling.

WASTE RECYCLING SYSTEM:

Dry Leaves are collected and using the method of composting manure prepared. Then it's used for the garden of our campus. The Institution gives awareness through Decoration and Art club, reusing the waste paper and waste materials to bring out some usable items adopting innovative ideas.

TREATING CHEMICAL WASTES:

The quantity of chemical waste generated is very minimal and also less hazardous. However, small masonry tanks have been constructed in the departments which treat chemical waste. A certain number of coagulants are added to facilitate precipitation of the suspended/dissolved particles. The treated effluent is drained into the drains. The sledge settled at the bottom is collected once in a year and stored in an air tight

container for further disposal.

File Description	Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1.Green audit**
- 2.Energy audit**
- 3.Environment audit**
- 4.Clean and green campus recognitions / awards**
- 5.Beyond the campus environmental promotion activities**

Response: C. 2 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Divyangjan friendly washrooms**
- 3.Signage including tactile path, lights, display boards and signposts**
- 4.Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The IECW facilitates the peaceful coexistence of students and employees from many cultures, languages, and religions. By celebrating religious festivals and emphasising the significance of various cultures and faiths, the college promotes and encourages religious harmony. People of various religions, castes, creeds, and backgrounds coexist harmoniously and respectfully. They cultivate mutual understanding and compassion while sharing the collective responsibility of maintaining the institution's values and mission. The college also promotes students' socioeconomic development by supporting them with scholarships to assist them continue their study. The institute is constantly working to improve the quality of education for students by exposing them to socioeconomic and communal gaps and assisting them in overcoming these differences through value-based education. The Institute maintains a code of conduct that all staff and students must adhere to, regardless of their cultural, regional, linguistic, communal, socioeconomic, or other distinctions.

Through NSS, IPC, YRC, RRC, and Rotaract clubs, IECW instils a sense of social responsibility in young students and encourages them to help the less fortunate. The cleaning works were carried out by our college volunteers on the school campus and in the Temple's surroundings.

Our college's NSS cell, in particular, is adapting to a nearby village in order to expand its services for the people's socioeconomic and cultural growth. For the economic growth of the local villagers, our management gives jobs. Furthermore, faculty and students assist needy orphans and the elderly. Our management, staff, and students offer assistance to those who have been affected by natural disasters. They helped by providing groceries and other necessities.

Every year, IECW also donate money to the Indian Association of the Blind to help those with vision impairments. Our faculty and students support the National Foundation for Communal Harmony (NFCH), which works to prevent communal/caste/terrorist violence by undertaking, promoting, and assisting those impacted. They also collect flag-day stamps to support children who have been homeless by violence. As part of our institution's social responsibility by sharing our resources, we undertake hands-on training programmes on computer skills for school pupils with the help of our faculty and students. When the students of different schools visit our campus, they are inspired to pursue careers and jobs that they were passionate about by our faculty members.

We trust in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with one's culture to have amicable relationship and to maintain the religious, social and communal harmony.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Link for any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

IECW organizes various activities to sensitize the students and employees to the constitutional obligations such as Values, Rights, Duties and Responsibilities of the citizens. Apart from achieving academic excellence in all the spheres of its activities, our Institution is striving to produce distinct, productive engineers vested with moral and ethical values.

The students are being nurtured with a sense of responsibility that a responsible citizen should essentially possess by motivating them consistently to get involved in various social activities and giving them training to take leadership roles in various committees and associations. Our college leadership club gives awareness on Indian constitution, particularly on human dignity, equality, social justice, Human rights and freedom, Rule of law, equity and respect.

Affiliating university offers variety of courses on Professional Ethics, Human Rights and Principles of Management for all UG students as a professional core subject to understand and to create awareness and sensitize students to the constitutional obligations.

As a part of strengthening democratic values, the NSS Cell conducted an electoral literacy programme and voters awareness programme to literate students and the general public about the importance of voting, fair and peaceful elections, and also to increase faith in democracy. It also educated the voters to vote in every election fearlessly and without being influenced by considerations of religion, race, caste, community, language or any inducement.

Every year, Independence Day and Republic Day are celebrated with fervour by organizing activities commemorating the sacrifices of the martyrs and freedom fighters and also highlighting the importance of the Indian Constitution.

Blood donation camps are organized on the campus regularly. Staff and students donate blood voluntarily, which increases the willingness of the students and faculty to sacrifice them to save the lives of others.

Different cultural programmes and events are performed which aim at highlighting the constitutional spirit of liberty, equality, justice and fraternity.

Seminars and orientation programmes were organized on themes such as self-awareness, building self-esteem, handling conflicts, team building, peace initiatives and understanding their roles in their families and as career women. Many awareness programmes were held at our college, including the Dengue Awareness Program, the Cleanliness Program, the Seemai Karuvela Maram Awareness Program, the

Plastic Use Awareness Program, the Tuberculosis Awareness Program, and the Eye Donation Awareness Program. Our college also provided a Yoga Foundation Course to the students and conducted a Polio Awareness Rally with the government Primary Health Centre and a Helmet Awareness Rally to reach the public about road safety measures.

As on time, during the Covid'19 pandemic awareness programme on Covid'19, SOP practises were given to the students, and a vaccination camp was arranged to get our students, faculty, and nearby village people vaccinated as per the guidelines of the government, and immunity tablets were provided through the government hospital.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document
Link for any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: C. 2 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

IECW pays honour to all international and national leaders on their birth and death anniversaries. IECW celebrates religion-based festivals such as Pongal, Christmas, Deepavali, Ramadan, and Ayutha Pooja,

irrespective of religion, to impart the values of unity in diversity. And also, IECW conducts events on the following national and international days.

Independence and Republic Days:

IECW celebrate our Independence Day on every August 15th to commemorate all freedom fighters by hoisting and saluting our national flag. Republic Day is also celebrated every January 26 with fervour on the campus. Students are assembled and a special speech is delivered by the key persons.

Teachers' Day:

September 5th is celebrated as teacher's day to commemorate Dr. Sarvepalli Radhakrishnan on his birthday. Students express their gratitude and love for the faculties.

Engineers' Day:

On September 15th, Engineer's Day is celebrated to honour the birthday of Sir Mokshagondam Visvesvaraya for his contributions to the engineering field. We organise a talk on this day by inviting eminent resource person to stimulate the students. The professional bodies committee conducts technical events on special themes to promote the values of engineers.

National Youth Day:

On January 12th, is celebrated as National Youth Day to honor Swami Vivekananda on his birthday. Every year, YRC and IYM organise a State Level Cultural Meet as a Talent Show on this day.

National Science Day:

National Science Day is celebrated on 28th February every year at our college by APMEC, the association of S&H department by conducting various programmes to emphasise the importance of scientific inventions.

International Women's Day:

On March 8th of every year, International Women's Day is celebrated in our institution with the objective of empowering women in all walks of life. IECW invites the mothers of our students and recognize them by conducting various competitions.

International Day of Yoga:

On June 21st of every year, it is celebrated as "The International Day of Yoga". Yoga promotes both physical and mental well-being for humanity. By performing yoga practice, the students and faculty feel great enthusiasm and good health.

World Environment Day:

Our Institution is known for its "Live Green and Save Green" environment and celebrates World Environment Day on June 5th every year with great pomp by prompting our students to plant saplings on

the campus as well as in nearby villages, thereby achieving carbon neutrality.

International Plastic Bag Free Day:

International Plastic Bag Free Day is celebrated to create awareness among the students and faculty. Every July 3rd, we share posters on social media to raise awareness about the grave issue of plastic pollution.

World Water Day:

World Water Day is celebrated on 22nd March every year at our college campus to give awareness to the students about the people living without access to safe water.

World Clean-up Day

IECW celebrates World Clean-up Day on September 18th every year to create awareness about the global solid waste problem, including the problem of marine debris.

File Description	Document
Link for any other relevant information	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document
Link for Geotagged photographs of some of the events	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Title of the Best Practice I: Mentoring system

IECW gives more importance to moulding the students using the mentoring system effectively.

Objectives of the practice:

To improve students' personalities and achieve their goals, to minimize dropouts, to improve overall performances, and to reduce stress, through personal guidance and counseling, to enhance their knowledge and to develop awareness about participation in different events held at various levels.

The Context:

Students are influenced by stress physically and mentally when they take up professional education.

Hence, mentors make a valuable contribution to the personal and career development of their mentees by having good interaction with the students. Thus, mentoring helps the students to achieve emotional stability and promote clarity in thinking and decision making for their overall progress.

The Practice:

The students are divided into groups and about 10-12 students are assigned to a staff member, who will be the Mentor. The head of the department is a team leader who supervises each year's mentors in function. The mentor-mentee meeting is conducted once a fortnight during the PCF hour in cyclic with club activities, which are included in the regular time table. Those students who lack confidence and dressing sense, weak in health and knowledge level, are observed and motivated suitably during mentor-mentee meetings. The observations of the mentors about the mentee are documented in the students' performance records. Similar kinds of personal counselling and guidance are also given to the hostel inmates to ensure a pleasant stay and make them feel at home.

Evidence of success:

The evidence of the success of mentorship is reflected in the overall personality development of students, development of their skills, and improvement in their exam marks. Also, the mentee's participation in intra and inter-college events, sports achievements, and good placement record are evidence of success.

Problems Encountered and Resources Required:

The institute is situated in a rural area, so the major student enrollment is from the nearby rural background students. The students are very reluctant to interact with the fellow students and faculty members due to their inferiority complex. Rural area students face many socio-economic problems such as getting an early marriage, helping earn money for the family by doing farm work, leading to dropouts, etc. Mentor focuses on achieving sustainable results the right way on getting things done through such students by properly motivating, counselling and guiding them in the right direction. To implement an effective mentoring system by overcoming the problems encountered with the mentees, the institution takes the initiative to provide training and guidance to the mentors in the relevant areas.

Title of the Best Practice II: Development of Communication Skills

Communication skills play a major role in having a successful profession all over the world. Keeping this in mind, IECW established the Anglo Franca Club (AFC) in the year 2016 and it functions under the Professional Body committee to create an English-speaking environment inside the campus.

Objectives of the Practice:

The main objective of the AFC is to bridge the gap between academia and industry by providing training to students in communication skills. And to improve the academic performance of low-cut off and Tamil medium students by giving individual care in developing their communication skills, which helps them to understand the subjects clearly and to have better technical knowledge in the engineering field.

The Context:

Since Idhaya Engineering College for Women is located in a rural area, it gives more importance to the

development of the communication skills of the students. Most of the students are admitted as first generation learners and are also from poor socio-economic backgrounds. Hence, AFC takes a lot of initiative to motivate the students to converse without fear in English. IECW collaborates with companies to train the students and to provide personal guidance on a one-to-one basis.

The Practice:

AFC club members meet once in every fortnight during the PCF hour, which is part of the regular time table, to interact with each other and to practise the LSRW skills. The AFC conducts an induction programme for first-year students, webinars, and motivation programmes periodically by inviting language experts/consultants to orient the students on vocabulary building, basic grammar, self-introduction, and group discussion. In addition to this, students are provided an opportunity to perform on stage in activities like narrating stories, tongue twisters, skits, dramas, JAM, display of motivational videos etc. As a daily practice, the club members write down the thoughts of the day, new vocabulary on the display board, and audio books are played during the lunch break. This practise helps the students improve their spoken English.

Evidence of success:

The pass percentage and out turn of Tamil medium and low-cut-off students have increased. Students are facing interviews boldly, and their placement records are improving. Students' inter and intra-college participation in technical and cultural events has improved.

Problems Encountered and Resources Required

The major challenges encountered are,

1. Parental Expectation.
2. Dealing with stress and anxiety among slow learners.
3. Motivation and making them accept and cooperate with initiatives.
4. Lack of self confidence among students.
5. Students feel inferior and find it difficult to come out open-minded.

Resources Required:

1. Additional faculty with required expertise.

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Idhaya Engineering College for Women (IECW) was started with the aim of providing high-quality technical education to rural women in order to improve their social and economic status. IECW strives to impart a life-oriented education to women in order to make them catalysts of transformation to build a better world. The central theme that underlines our uniqueness is that we strive for women's empowerment through technical education. It can also be seen in every activity of the institution.

The Title of the Practice: Holistic Formation of Self-reliant Women in Technical Education

Objectives of Practice:

IECW strives for the overall development of the women students and due care is given to enable the students to explore their talents, interests and creativity and to enhance the possibility of personal success through academic as well as co-curricular activities and to help female students understand their strengths and potential. And to provide a skill-based education for the upliftment of women students.

The Context:

IECW was started by the Franciscan Sisters of the Immaculate Heart of Mary (FIHM) Congregation to provide an opportunity to rural-based womenfolk to obtain technical education in their own locality at a level with that of urban-based students. The founder of FIHM Congregation considered, "A woman is the light of the family, and an enlightened woman through education is such a blessing to society". To make the founder's vision come to reality and to fulfil the aspirations of the visionaries of FIHM Congregation, IECW strives to provide holistic formation to women along with technical education to raise their status in society and to make them self-reliant women.

The Practice:

IECW strives to improve the quality of women's livelihoods through the transfer of knowledge and technology and to make them empowered economically, socially, and culturally in order to make the fullest use of their potential to contribute to the growth of the nation by conducting various orientation, awareness, induction, and training programmes. In addition to that, the Women's Empowerment Cell (WEC) organises women's empowerment activities and provides opportunities to develop their skills. Not only are the women students of IECW empowered, but the mothers of our students are also provided an opportunity to expose their skills and talents during the International Women's Day celebrations every year. The Immaculate Youth Movement (IYM) is a good platform provided by IECW for all students to develop their skills, personality, career, emotional intelligence, knowledge upgradation, entrepreneurship, physical fitness, group dynamics, sexual education, ecology, and spiritual integrity. There are 7 activity clubs functioning effectively in IECW, as mentioned below.

Leadership Club: This club provides an opportunity for students to develop their leadership skills for career advancement, allowing them to assume supervisory roles and have increased decision-making authority.

Entrepreneur Club: Students have been trained in the appropriate business insights and entrepreneurship skills. In the hostel campus, a pilot model student cooperative canteen called "Idhaya Canteen" is in operation. Student volunteers are taking a key role in the successful running of the canteen under the guidance of the Entrepreneur club faculty in-charge.

Anglo Franca Club: It organises various events, competitions, and debates focusing on the improvement of the communication skills of students.

Eco Club: Students are trained to inculcate habits of minimum waste generation, waste separation and disposing the waste to the nearest storage area. Students are educated to create awareness amongst the public so as to stop environmental degradation.

Dance Club: This club provides a way to keep fit, relax, refresh, and socialize. Club members learn different dance styles and perform a variety of dances during college common functions and participate in various inter/intra college competitions.

Choir Club: The objective is to organise and encourage participation in institutional level musical programs. The students of this club perform in cultural programmes and prayer services conducted at our college.

Decoration and Art Club: Encourages students to express their creativity through various visual arts, including stage decoration during college functions.

Yoga sessions, meditations, and prayer services were periodically conducted irrespective of religion, to emotionally and spiritually prepare women to tackle real life problems. Scriptures of all the religions are read in students' assemblies and stacked in the prayer room named Shanthi Hall for students' usage.

Through **sports club**, students are given special coaching and motivated to take part in zonal and inter-zonal level competitions. This increases their self-confidence, team spirit and thirst to face the challenges and to come up from all the failures.

Evidence of success:

The distinctiveness of our institution is that there is an increase in the percentage of our alumni in leadership roles in various MNCs, private and government sectors. The awards garnered by the students at various competitions at the college and university levels are testimony to the expertise developed in various fields. The college finds great satisfaction in this being an indicator of the confidence, aesthetic sensibility and intellectual accomplishment of the students. Our students have won many competitions at university level and also received over-all championship awards.

Problems encountered and resources required:

It is challenging to bring the students from their comfortable/safe zone to have social interaction with their peers and the experts, and to make them employable in distant locations due to the lack of parental support and their illiteracy. Being a self-financing institution, providing financial support to Holistic Creativity for Lifelong Engagement is found to be a tough task. Expertized resource people and support from the government and non-government organisations are required.

File Description	Document
Link for appropriate web in the Institutional website	View Document
Link for any other relevant information	View Document

5. CONCLUSION

Additional Information :

- An ISO 9001:2015 certified institution for the effective implementation of QMS.
- Recognition of College under Section 2(f) of UGC act 1956.
- The Institute offers two permanently affiliated courses.
- Ranked top among the institutions located in the nearby districts.
- 15+ Memorandums of Understanding (MOUs) have been signed with both industry and educational institutions, and collaboration activities have taken place.
- Our motto is "To Build a Better World".
- We have provided a wider range of exposures like industrial visits, real-time industrial projects, internships and in-plant training with hands on experience.
- Students are given a wider range of opportunities to choose the elective subjects of their own choice.
- Our thrust areas are effective communication skills, soft skills and personality development and character formation programmes.
- Our institution motivates and recognises the students with rewards, awards, and scholarships.
- Faculty members are encouraged to focus on research and patent registration.
- Students are properly guided to go for new ventures for start-up through Idhaya Technological Entrepreneur Incubation Cell (ITEIC).
- Experts from various industries are invited to address the students on how to face the challenging world.
- In-house hostel facility.
- Wi-Fi enabled college and hostel campuses ensure constant internet access.
- Excellent library facility, including a digital library.
- Ragging-free campus.
- Student participation in community development programmes through NSS
- Utmost priority is given to the teaching-learning process with value addition.
- As the IECW's vision is to support students' academic excellence and character formation, our college provides opportunities for students to take part in various club/committee activities and acquire a variety of skills.
- Slow learners are given remedial classes to enhance performance in the respective subjects. Other well performing students are provided with additional training above and beyond the syllabus.
- Awareness and motivational programmes and other special training for competitive exams.
- ICT tools are used to deliver syllabus content in class rooms, and 18 lecture halls are provided with LCD projectors.
- The Institution possesses the membership of ISTE, CSI, and DELNET.

Concluding Remarks :

Idhaya Engineering College for Women (IECW) has a holistic approach and enhances the overall development of the students by providing equal opportunities to excel in academics as well as in co-curricular and extra-curricular activities. The main objective of the establishment of IECW is to bridge the gap between the institute and industry through adequate industrial exposure, harmonious teaching, and experiential learning for marginalised women from rural backgrounds. Students are trained and cultivated to become responsible members of the family and the best citizens of the nation. Special or unique talents of the students are showcased and rewarded suitably by the management. The institute has upgraded the facilities and

infrastructure to cater to the needs of the students and industries. We also updated the methodology of teaching to better suit 21st century learners' requirements. The alumni association is satisfying in exposing juniors to expertise by providing industrial exposure and knowledge on various platforms.

As a whole, IECW is a family of aspiring students, supportive parents and alumnae, dedicated faculty members, many well-wishers, and visionary management, working together to create a unique and idealistic model in the field of technical education to build a better world.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years</p> <ol style="list-style-type: none"> 1. Academic council/BoS of Affiliating university 2. Setting of question papers for UG/PG programs 3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses 4. Assessment /evaluation process of the affiliating University <p>Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: D. Any 1 of the above Remark : Observation accepted</p>																				
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years.</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>10</td> <td>12</td> <td>8</td> <td>7</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>5</td> <td>6</td> <td>5</td> <td>3</td> </tr> </tbody> </table> <p>Remark : Observation accepted</p>	2020-21	2019-20	2018-19	2017-18	2016-17	9	10	12	8	7	2020-21	2019-20	2018-19	2017-18	2016-17	6	5	6	5	3
2020-21	2019-20	2018-19	2017-18	2016-17																	
9	10	12	8	7																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
6	5	6	5	3																	
1.2.3	<p>Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>233</td> <td>265</td> <td>320</td> <td>328</td> <td>407</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>221</td> <td>174</td> <td>171</td> <td>193</td> <td>173</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	233	265	320	328	407	2020-21	2019-20	2018-19	2017-18	2016-17	221	174	171	193	173
2020-21	2019-20	2018-19	2017-18	2016-17																	
233	265	320	328	407																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
221	174	171	193	173																	

Remark : Observation accepted

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

1.3.2.1. Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
80	89	98	94	91

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

Remark : Observation accepted

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

1.3.3.1. Number of students undertaking project work/field work / internships

Answer before DVV Verification : 218

Answer after DVV Verification: 104

Remark : Observation accepted

1.4.2 Feedback process of the Institution may be classified as follows:

Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website

Answer After DVV Verification: B. Feedback collected, analysed and action has been taken

Remark : Observation accepted

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0.075	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years**3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	1	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3.1.3.2. Number of departments offering academic programmes

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4	4	4	4	4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4	4	4	4	4

Remark : Observation accepted

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

3.2.2.1. Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	6	10	5	4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2	0	1	0	0

Remark : Observation accepted

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years**3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6	5	26	38	20

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
6	3	4	8	5

Remark : Observation accepted

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**3.3.3.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	38	29	29	36

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	1	1

3.4.2	<p>Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years</p> <p>3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 465 1046 600"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 678 1046 813"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	0	0	1	0	0	2020-21	2019-20	2018-19	2017-18	2016-17	0	0	0	0	0
2020-21	2019-20	2018-19	2017-18	2016-17																	
0	0	1	0	0																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
0	0	0	0	0																	
3.4.3	<p>Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years</p> <p>3.4.3.1. Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1133 1046 1267"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>11</td> <td>11</td> <td>14</td> <td>10</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1346 1046 1480"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>7</td> <td>7</td> <td>8</td> <td>6</td> </tr> </tbody> </table> <p>Remark : Observation accepted</p>	2020-21	2019-20	2018-19	2017-18	2016-17	7	11	11	14	10	2020-21	2019-20	2018-19	2017-18	2016-17	4	7	7	8	6
2020-21	2019-20	2018-19	2017-18	2016-17																	
7	11	11	14	10																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
4	7	7	8	6																	
3.4.4	<p>Average percentage of students participating in extension activities at 3.4.3. above during last five years</p> <p>3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1877 1046 2011"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>85</td> <td>343</td> <td>283</td> <td>467</td> <td>377</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	85	343	283	467	377										
2020-21	2019-20	2018-19	2017-18	2016-17																	
85	343	283	467	377																	

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
70	180	198	235	202

Remark : Observation accepted

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4	15	11	11	17

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

3.5.2.1. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2	4	3	4	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	1	2	1

Remark : Observation accepted

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
110.74	7.56	18.02	6.72	25.78

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
93.196	7.56	2.92	6.72	13.26

Remark : Observation accepted

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

5.1.1.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
269	291	367	396	411

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0269	291	367	396	411

Remark : Observation not accepted because supporting documents are provided by HEI

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Observation accepted

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

5.1.4.1. Number of students benefitted by guidance for competitive examinations and career

counselling offered by the institution year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
230	236	231	323	342

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
30	160	64	113	182

Remark : Observation accepted

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : Observation accepted

5.2.2 Average percentage of students progressing to higher education during the last five years**5.2.2.1. Number of outgoing student progression to higher education during last five years**

Answer before DVV Verification : 48

Answer after DVV Verification: 39

Remark : Observation accepted

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.) year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	6	5	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	3	1	2

5.2.3.2. Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	6	5	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	6	5	10

Remark : Observation accepted

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	26	21	16	7

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

15	24	24	23	22
----	----	----	----	----

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
05	8	9	8	8

Remark : Edited because All activities conducted under an event counted as one event

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Observation accepted

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4	10	48	55	3

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

--	--	--	--	--

2020-21	2019-20	2018-19	2017-18	2016-17
10	12	12	10	11

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
9	10	10	10	9

Remark : Observation accepted

6.3.4 **Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

6.3.4.1. **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
51	56	53	62	78

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
45	40	38	46	43

Remark : Observation accepted

6.5.3 **Quality assurance initiatives of the institution include:**

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Answer before DVV Verification : B. 3 of the above

Answer After DVV Verification: B. 3 of the above

7.1.2 **The Institution has facilities for alternate sources of energy and energy conservation measures**

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**

	<p>4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment</p> <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : Observation accepted</p>
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : Observation accepted</p>
7.1.6	<p>Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions / awards 5. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above Remark : Observation accepted</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Divyangjan friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : Observation accepted</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p>

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : Observation accepted

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of courses offered by the Institution across all programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>143</td> <td>150</td> <td>149</td> <td>146</td> <td>140</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>244</td> <td>249</td> <td>249</td> <td>245</td> <td>240</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	143	150	149	146	140	2020-21	2019-20	2018-19	2017-18	2016-17	244	249	249	245	240
2020-21	2019-20	2018-19	2017-18	2016-17																	
143	150	149	146	140																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
244	249	249	245	240																	
2.1	<p>Number of students year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>304</td> <td>343</td> <td>432</td> <td>487</td> <td>564</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>312</td> <td>343</td> <td>432</td> <td>487</td> <td>564</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	304	343	432	487	564	2020-21	2019-20	2018-19	2017-18	2016-17	312	343	432	487	564
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3.2	<p>Number of sanctioned posts year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>52</td> <td>57</td> <td>60</td> <td>63</td> <td>86</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	52	57	60	63	86	2020-21	2019-20	2018-19	2017-18	2016-17	1	1	1	1	1
2020-21	2019-20	2018-19	2017-18	2016-17																	
52	57	60	63	86																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
1	1	1	1	1																	

4.2 **Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
169.720	96.587	123.917	108.185	123.837

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
58.98	87.91	103.83	100.05	97.87

N/AAC