



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		IFET COLLEGE OF ENGINEERING
Name of the head of the Institution		Dr .G.Mahendran
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04146231456
Mobile no.		9443331456
Registered Email		college@ifet.ac.in
Alternate Email		principal@ifet.ac.in
Address		Gangarampalayam
City/Town		Villupuram
State/UT		Tamil Nadu
Pincode		605108
2. Institutional Status		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	N.SETHURAMAN
Phone no/Alternate Phone no.	04146231456
Mobile no.	9952101149
Registered Email	mailmesethu@gmail.com
Alternate Email	sen19841@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.ifet.ac.in
4. Whether Academic Calendar prepared during the year	No

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.64	2015	04-Mar-2015	05-Mar-2020

6. Date of Establishment of IQAC	29-Sep-2014
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IQAC Meeting	08-Sep-2018 1	14
Academic Administrative Audit	18-Aug-2018 1	12

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
IFET/CSE	Seminar Grant	CSIR	2018 02	20000
IFET/CSE	Seminar Grant	CSIR	2018 02	50000
IFET/CSE	Seminar Grant	CSIR	2018 02	50000
IFET/ECE	NSTMIS	DST	2018 730	1094000
IFET/H&S, MECH	DAE-CSR & IGCAR	UGC	2018 730	1200000
IFET/CIVIL	Student Project Scheme	TNSCST	2018 183	7500
IFET/CSE	SPC	TNSCST	2018 185	15000
IFET/ECE	SPC	TNSCST	2018 185	7500
IFET/IT	SPC	TNSCST	2018 185	6000
IFET/CSE	Seminar Grant	CSIR	2018 02	15000

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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

7

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• Got Autonomous status approved by UGC, New Delhi.

• Enhancement in teaching-learning process and research work.

• Improved in graduation results

• Upgraded library by subscription to e-journal (Springer)

• Enhanced employability by implementing personality development programmes

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Conduct Departmentwise Conference/Seminars	Executed
Organizing Standing Committee and Governing Council Meetings	Executed
Procuring Text, Reference Books and Software Packages in accordance with requirements of curriculum	Executed
Conducting Campus Recruitment Training for the students to enhance their employability skills	Executed
Sending teachers for Industrial Training in their respective core areas.	Executed
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
The Management and IQAC members approved the Annual Quality Assurance Report (AQAR)	18-Jul-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

20-Jun-2018

16. Whether institutional data submitted to

Yes

AISHE:	
Year of Submission	2018
Date of Submission	13-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"> • The College has established the Management Information System. It has been using both online system and offline system. Feedbacks are received from Students, Alumni and parents through online/offline. • The academic procedure is well defined and followed uniformly across the Institution. All procedures are transparent and well known by all stakeholders. • Even though the Institution is following the Anna University curriculum for II, III, IV year, it is identifying the gap between the requirements and the existing status by receiving feedback from all stakeholders. • For I year we are following our own curriculum. (R 2019)

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College is affiliated to Anna University and it is strictly adhering to the curriculum and syllabi prescribed by the university. Besides strictly adhering to the prescribed curriculum, the College has strategized the ways and means to strengthen the teaching-learning process in the following ways:

- Advance planning of Academic activities and calendar in alignment with Anna University and are issued to the students in the form of Academic Schedule.
- Formulation of objective-driven teaching plan at the beginning of the semester as Lesson Plan. For ensuring an effective teaching-learning process, a learner-centric pedagogy is practiced in the following ways:
- Subject allotment is based on competency matrix, experience and performance in the previous years.
- Time table framed with provision for tutorial, placement and library hours.
- Preparation of adequate learning materials (resources) as Question Bank and solved material for each unit.
- Maintenance of Theory Course Files by all faculty members, containing the lesson plan, notes of lesson, question bank, assignments, innovative teaching methodologies, NPTEL videos and performance details of the students.
- Updated library facilities with e-journals.
- Adopting new and innovative teaching techniques, in addition to the traditional lecture method, to make the students actively involved in the teaching-learning processes, and, employing learner-centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL lectures, case

studies, projects, surveys, quiz etc., in the delivery of the academic courses.

- Conduct of Three Unit Tests and one Model Examination for each subject in each semester as per the Academic Schedule.
- Conduct of remedial classes for the slow learners.
- Entrusting the teaching faculty with the task of mentoring 15 students on academic and personal issues, thereby strengthening the bond between teachers and students, thus creating a better learning atmosphere.
- Provision of well ventilated and spacious classrooms.
- Organizing suitable guest lectures and industrial visits for the effective implementation of the curriculum designed and specified by Anna University.
- Monitoring course delivery and syllabus completion through formal and informal feedbacks.
- Systematic examination process, standard question papers, proper and prompt evaluation and dispatch of progress reports to parents.
- Organizing refresher courses, workshops and FDPs for skill up gradation of faculty.
- Provision of infrastructure facility (eg. well established labs and workshops).
- Encouraging students to do innovative project works of national context through IIIC.
- Motivating students to take to research work, present papers in seminars and conferences and publish their works in well reputed journals.
- Bridging the Industry -Institution gap with suitable value added programmes which are part of the regular time table.
- Adopting an "outcome based approach" for the effective delivery of the curriculum. The pattern of the question paper setting for the internal test is so designed to facilitate the assessment of the attainments of the course outcomes for various courses.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	ECE	05/07/2018
BE	EEE	05/07/2018
BE	MECH	05/07/2018
BE	CIVIL	05/07/2018
BE	CSE	05/07/2018
BTech	IT	05/07/2018
MBA	MBA	05/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

Certificate	Diploma Course
No Data Entered/Not Applicable !!!	

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Field Projects	70
BE	Internships	163
BE	Industrial Visits	480
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>• Feedback forms are prepared based on classroom delivery, use of teaching aids, preparation of classes, maintenance of discipline, temperament, maturity level and other metrics. • Feedback forms are distributed to all students twice in a semester and filled-in forms are collected by the faculty advisor and submitted to the respective HODs. • The feedback thus obtained is scrutinized by every Head of Department based on the Questionnaires. • Percentage of students who participated: 100 Specify the feedback analysis process: Pareto Analysis • By analyzing the feedback forms the performance of the faculty is graded. • Feedback levels will be communicated to the faculty members individually. • Suggestions for improvement in teaching performance are given, if required. The Department Advisory Board (consisting of Heads of Departments, programme coordinators and the representatives of key stakeholders) will meet every year on discuss on various aspects like the curriculum design, outcome based education and the development of the College. • Feedback from Alumni is already obtained periodically to know the gaps in curriculum, if any, and the recent market trends. • The College has put in place a formal mechanism to get the feedback on curriculum from students and stakeholders. • The IQAC of the College plays a pivotal role in obtaining the Feedback. • Feedback on curriculum is collected twice every semester through the Class Committee meetings. IQAC also takes care of the exit feedback. • Experts from the Industry are advised to align the curriculum with the industrial needs. If any changes are required in the curriculum, it is communicated to the higher officials through faculty members who are members of Board of Studies, Academic Council of the University etc., • Once the revised curriculum is framed, special lectures, FDPs and industrial visits are organized to equip the stakeholders to implement the new curriculum. • Additional laboratory hours are provided to students to do experiments beyond the syllabus so as to enrich</p>

their practical knowledge.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	CIVIL	60	18	11
BE	CSE	180	164	100
BE	ECE	240	101	77
BE	EEE	120	54	35
BE	MECH	180	165	95
BTech	IT	60	40	25
ME	A.E	18	5	2
ME	CSE	18	7	1
MBA	MBA	60	66	42

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	343	45	178	19	12

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
186	186	7	50	50	3

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, Faculty Mentors and Programme Leaders regularly review academic progress of students and wherever necessary, they counsel the students to improve their academic performance. Special measures are taken to support the advanced learners and the slow learners, such as: i. Slow Learners - Adequate support is provided to slow learners to overcome academic difficulties by: ? Organizing bridge course at the beginning of semester. ? Organizing Guided Self Study Course classes ? Providing extra reading materials to improve the basic understanding of the subject ? Giving practice assignments. ? Organizing remedial classes during the semester ii. Advanced Learners - In order to support the fast learners, it is ensured that: • They are given additional/challenging assignments/ project works. • They are encouraged to participate in various conferences, symposiums, competitions, including Inter-Institution competitions, quiz programmes, poster presentations and so on. • They are also given opportunities to do mini-project works or to earn extra credits of up to 15 by

choosing inter disciplinary or intra disciplinary elective courses or Outdoor Activity Based Courses as per their area of interest. • They are given opportunities to involve themselves in writing research papers through Independent Study and Research Course which gives students credit for doing research work. • From this Course many students have got excellent outcomes like Research Publications and Patents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
388	183	1:2

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
156	178	0	0	11

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr. S. Rajmohan	Associate Professor	I2OR - Bright Educator Award
2019	Mrs. S. Usharani	Associate Professor	IRSD - Bright Educator Award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	104	1,3,5 7 2,4,6 8	16/04/2019	22/12/2019
BE	103	1,3,5 7 2,4,6 8	06/04/2019	22/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• The Institution has taken the following measures for the effective implementation of the evaluation reforms introduced by the University from time to time: The Institution has Internal Assessment Cell Exam Coordinators and members from each department for smooth conduct of examinations. • The Internal Assessment Exam Cell conducts internal assessment test on all subjects for the students of all departments. • The Examination Committee meets periodically to discuss all the examination related matters. • Two Internal Assessment Tests, one model exam in theory subjects and one model examination in case of practical are conducted in every semester. • Continuous evaluation procedure is followed for practical subjects. • After evaluation the answer scripts are shown to the students. • The internal marks are based on the cycle test, model exams and attendance percentage. Internal marks and attendance are periodically

communicated to the parents through SMS. • For smooth conduct of University theory examinations, an internal squad comprising senior faculty members is formed. The evaluation processes are automated through intranet facilities. • The students are made aware of the University evaluation procedures, including reevaluation and challenge valuation, examination pattern of the College and the University, well in advance through circulars and through information printed in the College calendar. • The faculty advisor carefully monitors the regularity of attendance and the performance of students in internal evaluation tests and in the end semester examinations. • The faculty marked attendance and marks obtained by students periodically in the University portal. Credit system for each course is introduced for UG degrees. • During Parent-Teachers' meeting, parents are made aware of how to access their wards' marks from the Anna University web portal. • The Institution appoints examiners for the practical examinations and viva voce examinations as per the University directives. It sends its faculty members as examiners to evaluate semester answer scripts to the University to which it is affiliated. • The regulations, curriculum and syllabi of all the programmes offered by the Institution are available on the web sites of the Institution and the University to which it is affiliated. The regulations contain the details of the evaluation process. • The Coordinator of the Examination Cell of the Institution has prepared an Instruction Manual as per the guidelines of the Controller of Examination of Anna University to conduct the examinations, and copies of the Instruction Manual are available to all departments. • During the Induction Programme the newly admitted students are updated about the attendance requirements, the pass mark requirements and the grading systems for the internal assessments. Whenever the students get doubts on these aspects, they are encouraged to get clarifications by discussing with the faculty/HoD/Principal.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

An academic calendar is prepared by the Institution as explained below: • Academic year starts as prescribed by IFET Academic Schedule. • The University publishes the starting date and the last working day of each semester in advance. Accordingly the Academic Calendar is prepared. • The Planning Council of the College is responsible for preparing the academic calendar. • Approval for the same is given by heads of departments, Dean-Academics and the Principal after effecting minor changes, if required. • The academic calendar is then made known to all faculties before the commencement of the semester. • Lesson plans are prepared based on the academic calendar. Academic calendar of the Institution includes the schedule of curricular activities, assessment dates, technical events, class tests, submission of marks, list of holidays and extra-curricular activities. • A detailed lesson plan/teaching methodology as suited to syllabus is prepared by each faculty before the start of the semester. • The lesson plan comprises content, learning aid and methodology, faculty approach and course outcomes. • The lesson plan generally highlights the content and total number of lectures for completion of the curriculum. Heads of Departments monitor the implementation of lesson plan, and suggest corrective actions wherever required. • The Laboratory Schedule is prepared by the faculty concerned and batch-wise details are specified in it. • Students are then informed about the class time table and academic calendar. • Time Table of regular lectures for the semester is prepared and displayed on the notice board as well as posted on the website. • The Academic Monitoring Committee appointed by the Dean- Academics monitors the day- to- day conduct of lectures based on the time table.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
103	BE	CIVIL	53	41	77.3
104	BE	CSE	81	60	74.07
105	BE	EEE	101	68	67.3
106	BE	ECE	140	110	78.5
114	BE	MECH	125	116	85.29
205	BTech	IT	23	14	60.86
852	ME	AE	3	3	100
405	ME	CSE	6	6	100
603	MBA	MBA	39	39	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.ifet.ac.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	DST – MOST NSTMIS	1094000	1094000
Major Projects	730	UGC-DAE-CSR IGCAR	1200000	213000
Minor Projects	120	Department of Science and Technology	60000	60000
Projects sponsored by the University	180	Tamilnadu State Council for Science and Technology	7500	7500
Projects sponsored by the University	180	Tamilnadu State Council for Science and Technology	15000	15000
Projects sponsored by the University	180	Tamilnadu State Council for Science and Technology	7500	7500

Students Research Projects (Other than compulsory by the University)	180	Tamilnadu State Council for Science and Technology	6000	6000
Any Other (Specify)	2	CSIR	15000	15000
Any Other (Specify)	2	CSIR	20000	20000
Any Other (Specify)	2	CSIR	50000	50000
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Do's Don'ts in Construction Practices	Civil Engineering	08/07/2018
One Day National Seminar on Ground Water Recharge	Civil Engineering	22/12/2018
Recent Trends in Construction for Civil	Civil Engineering	03/01/2019
Building a Successful career	Civil Engineering	09/02/2019
Bio energy for Sustainable renewable Energy system	Electrical and Electronics Engineering	11/02/2019
Say No to Plastics! Use Biodegradable Bags to Save Earth	Electrical and Electronics Engineering	24/01/2019
Transformer testing and protection	Electrical and Electronics Engineering	12/01/2019
Trends and developments in instrumentation and measurement system in thermal power plant	Electrical and Electronics Engineering	02/02/2019
Entrepreneurship	Mechanical Engineering	20/09/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Automatic painter cum window washer	Prasanna srinivasan. S	NLC - E SA	21/06/2019	Best Project Award
Blinder	A.Mohamed Halith S.Manikandan M.Madhu	World youth federation	09/06/2018	Dr.Kalam Young Achiever Award
Baby Save- A	S.Nandhini	ICT Academy	18/01/2019	ICT Academy

smart baby monitoring using IoT.	N.Narayana Sundry			Student Innovator Award 2018
Aptitude for Engineering	Mr.E.CesarioDe Cruz Mr.K.Hariharan Mr.G.Bharani Mr.R.Gokul	World youth federation	06/09/2018	Dr.Kalam Young Achiever Award
Performance Analysis and Comparison of Various Optical Sources with Optical Soliton	Ms.V.Gunaseeli	IEEE Conference	29/03/2019	Best Paper Award
Real time intruder detection using GPS based quad copter	Mr.Gokulraj Mr.Srinath.N	FAER MCAFEE Scholar Awards	14/06/2019	Special Project award
Voter	M.Dinesh kumar R.Balamurugan	Election Commission of India	25/01/2019	Best Poster Award
Farmer's Voice	S.Ayyapan R.Balamurugan M.Barath	ISTE	27/12/2019	Innovation
Design of safety grill to avoid killer gap train accident.	Mr.A.Dancing Gilbert	ESA Student Engineer Award	11/11/2019	Best Student Award
Exalted and Eminent performance in Academic activities	Mr. I. Naveen	IEI	11/03/2019	Best Project Award

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	2	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

ECE	1
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3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CIVIL	2	0
International	ECE	12	0
International	CSE	6	0
International	EEE	10	0
International	IT	2	0
International	Mechanical	16	0
International	MBA	2	0
International	H S I	7	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Scopus	17
UGC	21
Anna University Annexures I/II Web of Science	5
Non UGC/Scopus Journals	15
Conferences	17
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
International Journal of Recent Technology and Engineering (IJRTE)	Sandhya S.G	Handover Priority to the Data at Knob Level in Vanet	2019	1	IFETCE	1
Automatic detection of Masses in Mammograms using Bi-dimensional Empirical Mode Decom	Dr.B.Elizabeth Caroline	Journal of Medical Imaging and Health Informatics	2018	1	IFETCE	1

position						
PolSK and ASK Modulation Techniques based BER Analysis of WDM-FSO System for under Turbulence	Dr.B.Elizabeth Caroline	Springer Journal Wireless Personal Communications	2018	1	IFETCE	1
Performance Analysis and Comparison of Optical Signal Processing Beam forming Networks: A Survey	Dr.B.Elizabeth Caroline	Springer Journal of Photonic Network Communication	2018	1	IFETCE	1
International Journal of Recent Technology and Engineering (IJRTE)	Parthiban R	Security Improvement in Open Cloud Environment Using Arithmetic Algorithm	2019	1	IFETCE	1
International Journal of Recent Technology and Engineering (IJRTE)	Kanimozhi P	Vicissitudes of Security and Privacy (Visp) in Cloud Computing: A Study on Multi-Cloud Data Sharing Issues	2019	1	IFETCE	1
International Journal of Recent Technology and Engineering (IJRTE)	Raghu Raman D	An Efficient E-Portal for Rancher to Buy Seeds and Humus	2019	1	IFETCE	1
International Journal of Recent	Usha Rani S	De-Duplication Techniques: A Study	2019	1	IFETCE	1

Technology and Engineering (IJRTE)						
International Journal of Recent Technology and Engineering (IJRTE)	Saravanan D	Elegant App to Endorse Indian Merchandise Intended for Monetary Maturity	2019	1	IFETCE	1
International Journal of Recent Technology and Engineering (IJRTE)	Saravanan D	Sheltered and Efficient Statistics Discrimination for Cluster Based Wireless Antenna Networks	2019	1	IFETCE	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Supra Molecular Interaction of Primaquime with native I2 Cyclodextrin	M.Murugan	Journal of Solution Chemistry	2018	4	4	IFET CE
Mobility Prediction in Mobile ad HOC Network using Eye of Coverage Approach	U.Palani	Cluster Computing	2018	2	2	IFET CE
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	1	61	0	90
Attended/Seminars/Workshops	0	122	0	110
Presented papers	44	20	0	0
Resource persons	0	6	1	8
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
<ul style="list-style-type: none"> • Blood Donation Camp • Peer Education • Tree Plantation camp • Campus Cleaning (Fogging) • Say NO Plastic Awareness Programme • Road Safety Awareness Programme. 	NSS YRC	12	350
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Gender Issues	IFET College of Engineering	AIDS Awareness	4	110
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Consultancy Project	Mr.M.Arulmozhi	SNAM ALLOYS PVT. LTD	120
Consultancy Project	Mrs. S. Usharani Mr.R. Partiban	Gemini Systems	120

Consultancy Project	Mrs. V.S. Shruthi	MC Graw hill Education	30
Consultancy Project	Mr.R.Senthil Kumaran	One Zero Solutions	210
Consultancy Project	Mr.K.Suresh Kumar	Spectrum Solutions	90
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Project	Final Year Project	NLC INDIA LTD	20/12/2018	17/04/2019	27
In-plant training	In-plant training	NLC INDIA LTD	10/06/2019	15/06/2019	13
Industrial Project	Final Year Project	NLC, Neyveli	12/12/2018	22/01/2019	12
Industrial Project	Final Year Project	Candid Technologies, Chennai	20/12/2018	19/02/2019	9
Industrial Project	Final Year Project	Lugano Systems, Bangalore	18/12/2018	01/03/2019	2
Industrial Project	Final Year Project	Hindhuja Global Tech, Chennai	10/12/2018	09/01/2019	1
Industrial Project	Final Year Project	TeK Systems, Bangalore	03/12/2018	17/01/2019	1
Inplant training	Inplant training	Kaashiv Info Tech, Chennai	01/06/2019	05/12/2019	6
Inplant training	Inplant training	Wikitechy, Chennai	05/06/2019	20/08/2019	4
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Here Map solutions India Ltd, Bengaluru.	29/09/2018	Navigation Internship	152
National stock	07/03/2018	Collaborative	115

exchange of india Ltd		program	
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
No Data Entered/Not Applicable !!!	

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Auto Lib	Fully	3.1	2003

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Reference Books	3498	673632	0	0	3498	673632
e-Books	1264	0	0	0	1264	0
Journals	6	7000	0	0	6	7000
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Mr.M.Sujith	Static Relay	Operating Relay	13/08/2018
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	979	11	64	30	72	6	61	64	57
Added	0	3	36	0	0	0	0	36	0
Total	979	14	100	30	72	6	61	100	57

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NO	https://www.youtube.com/watch?v=-uS347kFwAo
NO	https://www.youtube.com/watch?v=-w5dpYguRlo

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
10900000	6684170	69700000	67005600

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

• The College management and administrators are committed to persistently enhance the learning environment for students by providing infrastructure facilities that are on a par with prestigious Institutions of India. • This Institution is dynamically trying to increase productivity and improve the quality of education imparted among the students. Our policy is so framed to enable us to remain flexible and adapt to the present needs of students so as to bring out the best in them. • The College is erecting and building-up a digital library and an RD cell to satisfy the antecedent need and requirements. • The College also organized a plethora of seminars, lectures, workshops, faculty development programmes related to emerging technologies and management aspects so as to keep each person in the College stay abreast of the advancements and update their knowledge in their respective disciplines/fields.

• We believe in learning through a virtual medium and this has prompted us to construct two halls for video presentations. The College campus is spread over an area of 30.285 Acres. • The buildings are of high standards, accommodating classrooms with proper ventilation, well equipped laboratories, smart classrooms, an auditorium, a library stacked with good many volumes and journals, and, indoor and outdoor stadiums. • Restrooms are provided in adequate numbers in each corridor. • Sports facilities are provided for playing various games such as Cricket, Football, Basketball and Volleyball, to ensure that students take up extra-curricular activities in right measure. • The College has provided separate and spacious hostels for boys and girls who are hailing from various regions of the country. Sports Complex (Indoor Stadium) • Chess • Shuttle Badminton • Table Tennis • Carrom Sports Complex (Outdoor Stadium) • Cricket • Football Gymnasium: • Weight lifting • Dumbbell sets • Pull-up bars • Squat stations Extra-Curricular Activities • The College regularly organizes socially relevant events through NSS, NCC and YRC. There are about 50 different Clubs, ranging from Adventure Club to Health Club to Robotics Club and so on, that remain active and vibrant in furthering their relevant activities.

<https://www.youtube.com/watch?v=EmkasK9zpBk&feature=youtu.be>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	Adi Dravidar and Tribal Welfare Scholarship/SC/ST BC/MBC Scholarship First Graduate Scholarship	2004	32753000
b) International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching for Slow Learners	19/08/2019	116	FACULTY MEMBERS
Personal Counselling	02/09/2019	22	SENIOR FACULTY MEMBERS
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive	Number of benefited students by career	Number of students who have passed in the comp. exam	Number of students placed

		examination	counseling activities		
2018	Indian Engineering Olympiad Exam	444	0	318	0
2019	NPTEL Course	478	0	17	0
2018	Udemy	11	0	11	0
2019	TANCET	20	0	12	0
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
HEXWARE	184	5	TCS	189	5
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	5	IFET College of Engineering	Civil Engineering	College of Engineering, Guindy, Government College of Engineering, Salem, Annamalai University	M.E, M.B.A
2019	6	B.E.	CSE	PEC, SMVEC Mailam Engg College IFETCE	MBA, M.Tech. M.E.
2019	7	B.E.	ECE	Anna University MIT SMVEC	M.E
2019	2	B.E	EEE	Kongu Engineering College,	MBA MS

				University of California	
2019	2	B.E	MECH	Pondicherry Engineering College	M.S
2019	1	B.E	MECH	VIT University	M.Tech
2019	1	B.E	MECH	Sathiyabama University	MBA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GMAT	0
GATE	0
CAT	0
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports Day	Institution	1500
Annual Day	Institution	1900
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Inter college	National	1	1	-	-
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

College creates a platform for the active participation of the students in the various academic administrative bodies. This empowers the students in gaining various skills apart from leadership and Headship qualities. The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. Various programs like paper presentations, workshops and seminars are organized by these bodies every year. Apart from that we had formed Library

committee for improving the reading habits of the students, Cultural Committee for students Extra Curricular Skill Development, for Discipline, Anti Ragging Committee, for Physical Fitness, Sports Committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Every academic year, the Institution conducts alumni meet twice, one on the College premises and another in Chennai. During the academic year 2018-2019, the first alumni meet was conducted on the College campus on the first Sunday of August (5th August 2018). The second alumni meet was conducted on 26th January 2019 in Chennai. Major platforms where Alumni are engaged: 1. Invited for Talks/ Guest Lectures. 2. Member of Advisory Boards. 3. As a guest/Jury for workshops/symposia/conferences.

5.4.2 – No. of enrolled Alumni:

571

5.4.3 – Alumni contribution during the year (in Rupees) :

571000

5.4.4 – Meetings/activities organized by Alumni Association :

? Suggestions on teaching-learning process as well as improvement in curriculum development through modifications and introduction of new courses. ? New trends in technology. ? Guest Lecture by Alumni to the students. ? Discussions on the gap between the Curriculum and Industry needs. ? Explaining the vacancy positions in the job markets to the final year students.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institution functions on the support of decentralized governance system. The Head of Departments have been empowered to decide upon the activities of their respective departments and delegate the responsibilities to the staff members for smooth implementation. Each department decides on its timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, symposia, guest lectures and workshops, arranging industrial visits, In plant trainings and Internships and signing of MoUs. The Institution is functioning effectively with the culture of participative management which enables the faculty and students to give their opinions and suggestions for improvement. All the academic activities are decentralized and decisions are taken based on discussions and deliberations carried out at various levels such as in the class committee meetings, department meetings, faculty meetings, HODs' meetings and HODs meetings with the Principal. Participative management provides an extensive scope for having collaboration among the departments and ensures team work, quality of planning and effective implementation of all the activities of the Institution. At the closure of every academic year, the Academic Planner for the ensuing academic year is prepared. The Principal convenes the HODs' meetings. Besides the HODs, Dean-Academics, Dean- Placement Student Affairs, Librarian and Director of Physical Education attend these meetings. The following schedule is discussed and finalized in accordance with the schedule received from the University to which the College is affiliated. • Re-opening date for the next academic year. • Working days / Internal Assessment test Schedule / model exam Schedule. •

Department Symposium /Association activities. • IEEE, ISTE, IEI activities. • Guest Lectures. • NPTEL Videos. • Industrial Visits. • Internships. • Placement Training. • Internal Quality Audit Days. • FDP's / Workshops / Conferences. • IQAC Meetings. • Mini Project Expo - Third year students. • Project Expo - Final year students. • Blood donation camp and NSS camp. • Anna University Zonal / Inter - Zonal and Inter- University Sports. • College Functions. • Orientation programme, Women's Day, Engineers' Day, Teachers' Day, Sports Day, Annual Day and Graduation Day. The schedule approved by the Principal is then sent to the Chairman for his concurrence. After receiving the Chairman's consent, permission is granted to the committees concerned for the preparation of the Academic Calendar. Nearly 90 of the events are conducted every year as per schedule. The remaining 10 events would have to be rescheduled due to unforeseen circumstances and in such cases the rescheduling would be done with the approval of both the Principal and the Chairman. The advance preparation of the Academic Planner helps in identifying resource persons for different activities mentioned above and enables the management to invite celebrities for the bigger functions. Further, the student club activities are held as provided in the Academic Planner. These activities are held in the Main building and Mother Teresa Block Seminar Hall. Separate Registers are maintained for booking the appropriate venues for conducting the events.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<ul style="list-style-type: none"> • Advance planning of Academic activities and calendar in alignment with the University are issued to the students as Academic Schedule. • Formulation of objective driven teaching plan at the beginning of the semester as lesson plan. • Preparation of adequate learning materials (resources) such as the Question Bank and solved materials for each unit. • Library facilities being updated with e-journals. • All faculty members maintain Theory Course Files which contain lesson plan, notes of lesson, question bank, assignments, innovative teaching methodologies, NPTEL videos and performance details of the students • Conduct of three Unit Tests and one model examination in each semester as per the Academic Schedule. • Conduct of practice test for each unit. • Conduct of remedial classes for the slow learners. • Adopting new and innovative teaching techniques, in addition to the traditional lecture method, to make the students to get actively involved in the teaching- learning processes, and, employing learner centric techniques such as web related assignments, peer learning, group discussion, use of

NPTEL lectures, case studies, projects, surveys, quiz etc., in the delivery of the academic courses. • Entrusting the teaching faculty with the task of mentoring 15 students on academic and personal issues, thereby strengthening the bond between teachers and students, and creating an ideal learning atmosphere. • Provision of well ventilated and spacious classrooms. • Organizing suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by Anna University

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Student Admission and Support</p>	<p>• The Alumni Association of the College has been formed and registered. The office-bearers of the Alumni Association are actively involved in various developmental activities of the College. The Alumni Association meets at least once in a year. The meet showcases the splendid achievements of the alumni and the glory of the Institution to the present day students. • Participation of students in extracurricular and co-curricular activities is fully encouraged to bring to the fore their varied skills such as oratory, singing, dancing and arts. • The Anti-Ragging Cell is functioning as per the Government and UGC guidelines to curb any possible menace of ragging on the campus. In the past five years no ragging incidence was reported in this Institution. • The College obtains feedback from all its stakeholders, including graduates and employees, and analyzes it to improve its performance. • The College encourages students to actively participate in publication of catalogues, wall magazines and college magazines. The Students Union is a constitutional body formed to uphold the interests of the student community in the College. The office-bearers of the Students Union are democratically elected by students through free and fair election conducted every year as per the guidelines of the Government. There is student representation in every important constitutional and formal body, and also in every extension unit of the College. • The College provides a dynamic website. •</p>

Mentoring of students is done to broad base their knowledge through prospectus and website which are published annually along with detailed information about the curriculum. • The College encourages students to participate in sport events. • The College engages professional organizations to conduct career counseling sessions to groom the students for job markets and entrepreneurship, and also to make them aware of the available job opportunities. • A Career Counseling and Placement Cell have been formed recently.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NIL	NIL	NIL	0
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
72	0	11	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> Free transport facilities Medical leave Sponsoring them to attend conferences, workshops and FDPs Giving incentives for publication of papers / research articles Cash awards for academic excellence / producing 100 pass / making students to score above 95 marks in their subjects. 	<ul style="list-style-type: none"> Free transport facilities Medical leave Sponsoring them to attend conferences, workshops and FDPs Giving incentives for publication of papers / research articles Cash awards for academic excellence / producing 100 pass / making students to score above 95 marks in their subjects. 	<ul style="list-style-type: none"> Free transport facilities Medical leave Sponsoring them to attend conferences, workshops and FDPs Giving incentives for publication of papers / research articles Cash awards for academic excellence / producing 100 pass / making students to score above 95 marks in their subjects.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

• Internal Audit is performed periodically by officials deputed from the Trust office. The Internal Audit reports are obtained before the conduct of the External Audit which is normally done after the closure of accounts. • During the course of Internal Audit necessary steps are taken to regularize the accounts, get confirmation for the credit balances, gather documentary evidences for payments, check the compliance to TDS and statutory formalities, and reconcile the unit-wise balances. • The copy of the Internal Audit report covering all aspects of accounts maintenance is preserved. • Subsequently, External Statutory Audit is conducted by auditors and the audit report is submitted to the Management. • The consolidation of the Institution accounts was completed by the Trust Central Office and the annual returns submitted to the Income Tax Department, the Registrar of Societies, Tamil Nadu, and to other authorities concerned.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
DST - MOST NSTMIS	1094000	seminar
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Nill	Nill	Yes	Staff
Administrative	Nill	Nill	Yes	External

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Continuous support from parents in implementing new systems for improvement of the educational standards of their wards. • Parents and teachers meetings are held regularly to disclose and discuss the students' performances. •

Parents / Guardians' inputs are recorded for improvisation.

6.5.3 – Development programmes for support staff (at least three)

• Workshop/Training programmes are arranged for technical staff and Non-Teaching staff to develop their skills. • Support is given to them to do higher studies.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• The College arranges for special classes for imparting basic computer training to the freshers. • Remedial classes are organized for the slow learners. For advanced learners, web resources are suggested and book bank facilities are provided. • In order to integrate cross-cutting issues into the curriculum, the College has conducted Gender Audit and arranged for various programmes on gender sensitization. Seminars and film shows on Human Rights have also been arranged. • Instructional materials provided to students. • The College obtains feedback from the stakeholders (students, parents, alumni and employees), seeking suggestions on how to improve the performance and quality of the curriculum through the stakeholders' feedback software.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Women's Day Celebration	09/03/2019	09/03/2019	119	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Solar power plant of 4 KKW capacity is available in the College.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1000
Provision for lift	No	0

Ramp/Rails	Yes	3
Braille Software/facilities	No	0
Rest Rooms	Yes	1500
Scribes for examination	No	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Republic Day celebrations	26/01/2018	26/01/2018	78
Independence Day celebrations	15/08/2018	15/08/2018	84
SSG 18 related to Swachh Bharat Scheme	31/08/2018	31/08/2018	278
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<ul style="list-style-type: none"> • The policy of the Institution is to keep the campus eco-friendly, grow avenue trees on either side of the roads and take utmost care to maintain clean roads. • Planting herbs and shrubs on the College campus. • Our College has a Reverse Osmosis (OS) Plant to purify water for drinking purpose. • Solar power plant of 4 KVA-capacity is installed in the College. • A Bio-gas plant is set up in the College hostel mess to reduce the use of LPG. • The Sewage treatment plant erected on the campus can treat 30,000 litres of solid and liquid wastes per day.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. ERP MANAGEMENT • Objectives of the Practice: The Cloud Academics System mainly helps the Management and the Principal to monitor the progress and performance of the faculty and students. • The Context: It maintains digital records of students and faculty like personal details, tests, model and university exam performance, daily attendance, OD, counseling, Minutes and curricular, co-curricular and extracurricular activities and achievements. • The Practice: Every activity of the faculty and students is continually updated. Being an online portal, retrieval and updating of information is convenient. Updating Cloud Academics is considered as an integral part of the academic process. • Evidence of Success: Monitoring and tracking of students' performance is enabled using Cloud Academics. Reports can be generated instantly at any point of time and, slicing and dicing of information pertaining to their performance can be done with ease. • Problems Encountered and Resources Required: Probability of damage to the hard disk or CPU is taken cognizance of and the problem is addressed and tackled by frequent back-ups. The software may slow down the process and as such the software has to be updated regularly. Delay in updating leads to ambiguity. Authorization and authenticity have to be monitored closely.

2. STUDENTS MENTORING SYSTEM • Objective of the Practice: The goal is to establish a trustworthy relationship between the Mentor and the Mentees and to help the mentees attain their aims. • Context: The students are assigned to faculty mentors from their first year. Mentors create a better environment for their mentees and the mentees can approach their mentors for educational and personal guidance and for enrichment of knowledge. • Practice: The mentors closely monitor their mentees performance and provide continuous support. They also create awareness and give guidance to the mentees about competitive examinations and courses required for placements. A mentor encourages the students to pursue higher studies and entrepreneurship. Each and every detail related to the student is noted down in the mentor's book and the hard copy is maintained for reference. Frequent counseling sessions help the students in freely expressing their opinions and problems. Counseling is done after tests and after the University exam results are out. The mentor books are updated with their results, achievements, certifications, attendance, scholarships and project details. • Evidence of Success: The evidence of success is the percentage of students passed out in the previous academic year, the number of students who got placements through campus recruitment and the number of students who got Anna University rank in the previous years. After implementing the practice there is an increase in the Pass percentage, the number of Rank holders and in Placement record. • Problem Encountered and Resources Required: In certain circumstances, an introvert student might not be able to express. In the absence of a mentor for a brief period of time, the duties are handed over to another faculty and the alternative arrangement is informed to the respective students. To make the mentoring system effective, training is imparted to faculty on counseling and handling the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Entrepreneurship Development Centre (EDC) : • Through rigorous planning and management practices, the Institution focuses attention on delivering to the best of its abilities the Vision of the College. • It is the matter of utmost importance to the Institution to provide the best education possible to students. • One of the most important steps taken by the Institution is the establishment of the Entrepreneurship Development Centre (EDC) on the campus. •

The Entrepreneurship Development Centre has been set up to prepare the students to become future entrepreneurs. • The Entrepreneurship Development Centre (EDC) is one its kind as it provides clear vision and shows the way for young minds to develop their skills. • Besides allowing the students to pursue their dreams, the EDC also helps those who are nurturing the view to shape the global economy. • It facilitates the youths to transform their ideas into concrete ventures by providing them with necessary resources to execute their well-thought out plans. • It assists the students to implement their ideas without any apprehensions. The following objectives were set for EDC: • Create awareness on Entrepreneurship among the students through training programmes and campus events. • To identify and motivate the budding entrepreneurs. • To provide necessary information to promising entrepreneurs on entrepreneurial opportunities. • To create data base and networking to help the aspiring entrepreneurs. • To assist entrepreneurs in product development. The following functions are carried out by the EDC : • To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes and Faculty Development Programmes in the region for the benefit of students and staffs. • To organize guest lectures and seminars to promote entrepreneurship among students and staffs. • To arrange visits to industries • To give necessary guidance and escort services to the trainees in obtaining approval for and execution of their projects. • The College aims at becoming a breeding ground for future entrepreneurs. The EDC acts as a facilitator for students to give them necessary exposure, knowledge and experience to attain success. It gives the students an exposure to the real world and to develop their skills. After acquiring the entrepreneurship skills, the students become confident, determined and focused on their future career. • Students' welfare is of utmost importance for the Management. The EDC serves as the means to equip the students to make significant contributions to the country and to the world. Hence, the activities of EDC are given priority and great importance by all. As the Management is keenly intent upon promoting entrepreneurship, it facilitates the EDC to function to its fullest possible potential and shape up the future of the IFET

Provide the weblink of the institution

<https://ifet.ac.in/>

8.Future Plans of Actions for Next Academic Year

- To get placements for students in reputed companies.
- To produce more number of university rank holders.
- To get maximum possible research proposals sanctioned.
- To publish papers in reputed journals such as Elsevier, IEEE, SCI, etc.
- To offer an exclusive placement training to the all clear students of final year students to strengthen placement cell
- To motivate the faculty members to pursue Ph.D. programme in their domain for the growth of themselves and the Institution.