



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	IES COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr. S. BRILLY SANGEETHA
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04872309966
Mobile no.	9787814100
Registered Email	mail@iesce.info
Alternate Email	principal@iesce.info
Address	IES COLLEGE OF ENGINEERING P.O. CHITTILAPPILLY THRISSUR
City/Town	THRISSUR
State/UT	Kerala
Pincode	680551

<b>2. Institutional Status</b>																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Rural																
Financial Status			Self financed																
Name of the IQAC co-ordinator/Director			Dr.Lince Mathew																
Phone no/Alternate Phone no.			04872309965																
Mobile no.			9961485485																
Registered Email			iesiqac@iesce.info																
Alternate Email			mail@iesce.info																
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)			<a href="http://iesce.info/uploads/userfiles/IESCE%20AQAR%2024_03_2022.pdf">http://iesce.info/uploads/userfiles/IESCE%20AQAR%2024_03_2022.pdf</a>																
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="http://iesce.info/uploads/userfiles/Academic%20Calendar18-19(2).pdf">http://iesce.info/uploads/userfiles/Academic%20Calendar18-19(2).pdf</a>																
<b>5. Accreditation Details</b>																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>B+</td> <td>2.65</td> <td>2017</td> <td>18-Sep-2017</td> <td>17-Sep-2022</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B+	2.65	2017	18-Sep-2017	17-Sep-2022
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				Period From	Period To														
1	B+	2.65	2017	18-Sep-2017	17-Sep-2022														
<b>6. Date of Establishment of IQAC</b>			27-Jul-2016																
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td>KTU internal audit</td> <td>13-Nov-2018</td> <td>76</td> </tr> </table>						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	KTU internal audit	13-Nov-2018	76					
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KTU internal audit	13-Nov-2018	76																	

	1	
KTU internal audit	04-Oct-2018 1	76
10th Meeting of IQAC	24-Nov-2018 1	17
9th Meeting of IQAC	11-Sep-2018 1	19
12th Meeting of IQAC	19-Mar-2019 1	18
11th Meeting of IQAC	06-Feb-2019 1	19
KTU internal audit	20-May-2019 1	76
KTU internal audit	21-Mar-2019 1	76
KTU external audit	22-Nov-2018 1	76
<a href="#">View File</a>		

**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
NIL	NIL	NIL	2019 0	0
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	

Bridge course for first years Faculty Development Programme on "Effective methods on Teaching Learning Process" International Conference on "Multidisciplinary Engineering Science Information Technology" Arts fest College Day Special Coaching classes for Slow learners KTU internal external audit.

[View File](#)

**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	Achivements/Outcomes
Special Coaching classes for Slow learners	The slow learners improved in their academic performance.
Arts fest , Sports & College Day	A platform for students to showcase their cultural talents and improve their mental and physical health has been provided.
International Conference	International Conference on "Multidisciplinary Engineering Science & Information Technology" was conducted on 2/5/19 & 3/5/19. Participants were able to share their knowledge in latest technologies.
Faculty Development Programme	One day faculty development programme was conducted in "Effective methods on Teaching Learning Process" on 26/7/18
Bridge course for first years	This course is to bridge the gap between subjects studied at school level and subjects they would be studying in Engineering and conducted from 9/7/18 to 25/7/18
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Council	02-Mar-2022

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2019

Date of Submission	31-Jan-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Linways Academic Management System is trusted online platform by the management, loved by teachers, and adored by the students. Our intuitive interface and smooth design makes it easy to use, while solving key problems faced in managing education.</p> <ul style="list-style-type: none"> <li>• Linways User logins,</li> <li>• Admission module</li> <li>o Student admission module</li> <li>• Linways AMS Features</li> <li>o Lesson planner</li> <li>o Course material distribution</li> <li>o Timetable management</li> <li>o Online assignments</li> <li>o Online examination</li> <li>o Online discussion forum.</li> <li>o Attendance marking and report generation</li> <li>o Publish marks and Performance analysis</li> <li>Chart based reports</li> <li>o Messaging</li> <li>• Linways AMS Mobile Application</li> <li>• Fee Module</li> <li>• OBE Module</li> </ul>

## 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

IES college of Engineering is affiliated to APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram from 2015 onwards. So, our program curriculum is as per the scheme and syllabi of affiliated universities. The University to which the college is affiliated practices significant degree of decentralization and its academic administration is organized in the form of clusters and the college is under the Thrissur cluster of KTU. Subject is allocated to faculty well in advance. The curriculum implementation process of the institution starts with an Annual Academic Planning and Calendar for the year, which is strictly followed. Several procedural and practical supports are provided by the institution in the course of curriculum planning and implementation. Preparation of Course Plan, Class teachers and Mentors, appointment of a Controller of Examination, Industry/agency internships, signing MoUs. Timetables, course plans and portions covered daily are entered in the Linways software. The software monitors the student attendance and progress in teaching and is accessible to all the stakeholders. Several faculty members contribute in the curriculum designing at the University level by being members of different Boards of Study. The gaps in the University curriculum are identified through a need assessment process and are dealt with by offering add on courses, training programs and entrepreneurial and creative engagements. Periodic reviews at the department level ensure the achievement of curriculum objectives.

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
BTech	CIVIL ENGINEERING	01/08/2018
BTech	COMPUTER SCIENCE & ENGINEERING	01/08/2018
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	01/08/2018
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2018
BTech	MECHANICAL ENGINEERING	01/08/2018
Mtech	COMPUTER SCIENCE & ENGINEERING	01/08/2018
Mtech	VLSI DESIGN	01/08/2018
Mtech	GEOTECHNICAL ENGINEERING	01/08/2018

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

## 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
Web design Internet technology(ECE)	30/03/2019	27
Motivational talk on professional bodies leadership(ECE)	20/08/2019	85
Tech Fest-ENCASER	16/10/2018	600
Python Programming and Django Framework (CSE)	02/02/2019	55
CCNA Routing Switch Training (CSE)	07/05/2018	66
PHP (CSE)	08/02/2019	49

Amazon Web Services (CSE)	13/02/2019	49
Computable and Non computable problems in TOC (CSE)	18/06/2018	60
Data mining for software model prediction(CSE)	27/07/2018	60
International conference-ICMESIT 19	02/05/2019	300
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	COMPUTER SCIENCE AND ENGINEERING	27
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	10
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	17
BTech	CIVIL ENGINEERING	27
BTech	MECHANICAL ENGINEERING	23
<a href="#">View File</a>		

## 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><b>Management:</b> • Involves in strategic planning and administrative activities for the development of the institution • Providing physical, human and financial resources  <b>Faculty:</b> • Suggestions for the establishment of Vision, Mission of the department • Defining and redefining the PEOs and PSOs • Suggests amendments in curriculum design  <b>Students:</b> • Providing feedback through course end survey and exit survey are considered for the overall improvement of the Program which includes changes in curriculum, placement and training activities etc  <b>Support staff:</b> • Responsible for smooth functioning of the laboratories, maintenance and care of resources/services of the institution  <b>Employer:</b>•Represents the major end users of our graduates • Provides information on latest trends and requirements of the industry • Feedback obtained from employers helps to bridge the curriculum gaps and introduce new electives offered by industry  <b>Industry:</b> • Suggest topics for Industry oriented guest lectures, one credit courses, workshops and training programs including</p>

Value Added Courses, project internship and recruitment • Provide feedback and suggestions on one credit courses and latest topics to be included in the program Alumni: • Suggest topics for Industry oriented guest lectures, one credit courses, workshops and training programs including Value Added Courses, project internship and recruitment • Provide feedback and suggestions on one credit courses and latest topics to be included in the program Parents: • Feedback received from parents during ParentTeachers meeting are considered for amendment in the program • Expect their wards to acquire good professional career and higher education or entrepreneurship

## 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
Mtech	VLSI Design	24	4	4
Mtech	Computer Science and Engineering	24	5	4
Mtech	Geotechnical Engineering	24	11	10
BTech	Mechanical Engineering	60	27	27
BTech	Electrical & Electronics Engineering	60	27	27
BTech	Electronics & Communication Engineering	60	26	26
BTech	Computer Science and Engineering	60	43	43
BTech	Civil Engineering	60	47	47

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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	170	18	64	6	70

### 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 Tools and resources	Number of ICT enabled	Numberof smart classrooms	E-resources and techniques used
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	ICT (LMS, e-Resources)	available	Classrooms		
70	70	5	14	14	5
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

The student mentoring system plays a vital role in the institution and the objectives are: • To develop effective communication and visibility between staff members and students. • To mentor students to meet the current industry requirements and seek training and career opportunities • To identify and address the problems of students in personal and academic background and provide the solutions • To encourage the students in advanced learning methodologies and make them to do projects relevant to their career prospects • To reduce drop-out ratio • To encourage the students to participate in various co-curricular and extracurricular activities at the beginning of every Academic year, orientation sessions are organized for all students to understand the mentoring system. Academic Calendar is being shared with the students by the department. 15 students are assigned to each mentor and their profiles are maintained to track their progress. Academic and Personal Counselling is provided through mentoring. Frequent student interaction is done through one to one meeting, social networking sites, class committee, and other academic committees. The wards' performances are communicated to the parents regularly, and special counselling is also provided for both the students and parents. Students are highly motivated wherever necessary to participate in extra/ co-curricular activities and also to upgrade their skills to meet the current industry trends. Economically weaker students are guided to obtain a scholarship from the college, government, and various trusts. Special coaching classes are given for slow learners. The outcome of the mentoring system in the current year • Significant improvement in the teacher student relationship • A progression in Students' participation and awards in co-curricular and extracurricular activities including women empowerment. • Placed Students in high profile companies • Pursuing their master's in prestigious institutes in and around the world • Shown outstanding performance in sports tournaments • Organized different events of intercollegiate district sports and games championship

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
188	70	1:3

## 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
70	70	Nill	Nill	4

### 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	Anil D Koola	Assistant Professor	Certificate of Hard Work from IES College of Engineering
2019	Mr Shillin K S	Assistant Professor	Ceritificate of NEBOSH IGC by The National Examination Board in occupational Safety and Health

2019	Mr Joseph George	Assistant Professor	Certificate of Hard Work from IES College of Engineering
2019	Oshin Ann Mathews	Assistant Professor	Coordinated Entrepreneurship Awareness Camp held at IESCE conducted by IES-IEDC and IEEE
2019	Dr.G.Kiruthiga	Associate Professor	Awarded as Patron for International Conference on Multidisciplinary Engineering Sciences and Information Technology(ICMESIT-2019) by IFERP
2019	Ms. Lakshmi Raj	Assistant Professor	Best presentation in international conference ICMESIT-19, IES college of engineering by civil department
2019	Ms.Anjali Baby	Assistant Professor	Best presentation in international conference ICMESIT-19, IES college of engineering by civil department
2019	Mr John J Thanikkal	Assistant Professor	Certificate of The Best Teacher from IES College of Engineering
2019	Mr Vidhun M	Assistant Professor	Certificate of Hard Work from IES College of Engineering
2019	Ms. Nicy Johnson	Assistant Professor	Certificate of Hard Work from IES College of Engineering
<a href="#">View File</a>			

## 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

BTech	UG	S1/S3/S5/S7	31/12/2018	31/01/2019
Mtech	PG	S1/S3	31/12/2018	31/01/2019
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#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

In each semester two internal tests have been conducted. Also, continuous evaluation of students for each subject is done by respective faculty through assignments, seminars, etc. A separate Examination cell is constituted for the smooth conduct of the internal exams. End semester examination has been conducted by the university (KTU) during the two time periods one in April to May and the other in November to December.

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

The course delivery and the conduct of activities were planned in accordance with the academic calendar. All the academic and extracurricular activities of the Department were conducted with strict adherence to the academic calendar. The Academic Calendar serves as an information source and planning document for students, Faculty, and the Department. Based on the KTU academic calendar, a college calendar is prepared at the beginning of each semester with a clear plan of conducting examinations, co-curricular and extracurricular activities of the college. Each department has prepared a department wise academic calendar listing the plan of the activities of the department. Subject allocation is done well in advance for the staff to prepare lesson plans and hard/soft copies of the lecture notes. Lesson plan with course outcomes is prepared by the faculty handling the subject before the commencement of the semester and is duly approved by the Head of the Department and made available to the students. Execution of lesson plan has been documented in the course file to ensure coverage of syllabus, monitored by the Head of the Department.

### 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)

<http://iesce.info/naac>

#### 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
PG	Mtech	VLSI DESIGN	4	4	100
PG	Mtech	COMPUTER SCIENCE AND ENGINEERING	8	8	100
PG	Mtech	GEOTECHNICAL ENGINEERING	8	8	100
UG	BTech	MECHANICAL ENGINEERING	35	11	31.43
UG	BTech	ELECTRICAL AND	17	11	64.70

		ELECTRONICS ENGINEERING			
UG	BTech	ELECTRONICS AND COMMUNIC ATION ENGINEERING	10	4	40
UG	BTech	COMPUTER SCIENCE AND ENGINEERING	27	13	48.15
UG	BTech	CIVIL ENGINEERING	42	24	57.14
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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://iesce.info/pm\\_ssur](http://iesce.info/pm_ssur)

## 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
Nill	0	NIL	0	0
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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
Tutorial on solving complex problems in Civil Engineering	Civil Engineering	05/09/2018
Automotive exhibition and quiz	Mechanical Engineering	16/10/2018
KSRTC Expo	Mechanical Engineering	15/10/2018
BSF Weapon Expo	Mechanical Engineering	15/10/2018
Seminar on effect of climate change on microwave and telecommunication and application of mechatronics	Mechanical Engineering	18/03/2018
A workshop on Latest technologies in Ashok Leyland Automotives	Mechanical Engineering	29/03/2019
Web design Internet technology	Electronics and Communication Engineering	30/03/2019

Motivational talk on professional bodies leadership	Electronics and Communication Engineering	20/08/2019
Seminar on Machine Learning Artificial Intelligence	Electronics and Communication Engineering	02/02/2019
Workshop on IoT using raspberry Pi	Electronics and Communication Engineering	21/02/2019
Computable and Non computable problems in TOC	Computer science Engineering	18/06/2018
Data mining for software model prediction	Computer science Engineering	27/07/2018
Importance of self-learning	Computer science Engineering	20/05/2019
Amazon Web Services	Computer science Engineering	13/02/2019
PHP	Computer science Engineering	08/02/2019

### 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
Top 50 Distinguished HOD CSE in Higher education across India	Dr.G.Kiruthiga	ULEKTZ	27/11/2019	Nil
Amphibious Homes	PRAVEEN P RADHAKRISHNAN	KSCSTE	17/02/2019	KTU TECHFEST 2019
Amphibious Homes	FAIAZ ASAFALI	KSCSTE	17/02/2019	KTU TECHFEST 2019
Amphibious Homes	LESLIN C S	KSCSTE	17/02/2019	KTU TECHFEST 2019
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	HUPRO INNOVATION TECHNOLOGY SERVICES	Software company	12/06/2018
NIL	NIL	NIL	STAMP	Software company	28/06/2018
NIL	NIL	NIL	E-BAGS	Software company	08/06/2018
NIL	NIL	NIL	Shivas Lab Supplies	Scientific equipment Material	06/07/2018

				testing Company	
NIL	NIL	NIL	RMET Builders	construction company	04/06/2018
NIL	NIL	NIL	Cliff Homes Developers	construction company	09/07/2018
NIL	NIL	NIL	Dream Heights Homes	construction company	05/07/2018
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	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
COMPUTER SCIENCE AND ENGINEERING	1

#### 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	COMPUTER SCIENCE AND ENGINEERING	13	5.99
International	ELECTRONICS AND COMMUNICATION ENGINEERING	10	3.08
International	MECHANICAL ENGINEERING	10	5.6
International	CIVIL ENGINEERING	14	4.94
International	SCIENCE AND HUMANITIES	7	2.84
International	ELECTRICAL AND ELECTRONICS ENGINEERING	9	1
<a href="#">View File</a>			

#### 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
MECHANICAL ENGINEERING	1
ELECTRONICS AND COMMUNICATION ENGINEERING	12
COMPUTER SCIENCE AND ENGINEERING	15
SCIENCE AND HUMANITIES	7

CIVIL ENGINEERING	10
ELECTRICAL AND ELECTRONICS ENGINEERING	5
<a href="#">View File</a>	

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
Detection of Faults in Flying Wireless Sensor Networks Using Adaptive Reinforcement Learning	G.Kiruthiga	International Journal of Recent Technology and Engineering (IJRTE)	2019	4	IES College of Engineering ,Kerala, India	5
Improved Fault Diagnosis in Wireless Sensor Networks using Deep Learning Technique	G.Kiruthiga	International Journal of Recent Technology and Engineering (IJRTE)	2019	4	IES College of Engineering ,Kerala, India	3
<a href="#">View File</a>						

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
Detection of Faults in Flying Wireless Sensor Networks Using Adaptive Reinforcement Learning	G.Kiruthiga	International Journal of Recent Technology and Engineering (IJRTE)	2019	4	5	IES College of Engineering ,Kerala, India
Improved Fault Diagnosis	G.Kiruthiga	International Journal of	2019	4	3	IES College of Engineerin

in Wireless Sensor Networks using Deep Learning Technique		Recent Technology and Engine ering (IJRTE)				g ,Kerala, India
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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/Semi nars/Workshops	Nill	4	2	4
Presented papers	44	Nill	Nill	Nill

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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
Flood Relief Work	NSS	26	114

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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
Flood relief works	Appreciation Award for Flood relief works	Kerala Police Academy	70

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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
National Service Scheme	Mullassery Block Panchayath	Repair and rework of houses and hospital under Mullassery Block Panchayath	14	70

[View File](#)

### 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
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NIL	NIL	NIL	0
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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
Training	Industrial training	KSEB	20/08/2018	30/08/2018	3
Internship	AWS international certification course.	FABSTUDIOZ	29/01/2019	21/02/2019	11
<a href="#">View File</a>					

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
IIB EDUCATION PVT LTD	26/02/2019	IT AND JOB ORIENTED PROGRAMMES	2
<a href="#">View File</a>			

## 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
11.9	12.6

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

during the current year	
Classrooms with Wi-Fi OR LAN	Existing
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## 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
BOOK MAGIC	Partially	5.0	2015

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	111	38752	62	13430	173	52182
Reference Books	99	146947	28	9176	127	156123
Journals	17	35714	3	12660	20	48374
e-Journals	3	1033668	Nil	Nil	3	1033668

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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
NIL	NIL	NIL	Nil

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	475	16	16	6	4	5	7	120	0
Added	0	0	0	0	0	0	0	0	0
Total	475	16	16	6	4	5	7	120	0

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

120 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
NIL	Nil

#### 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
39	28.37	41	34.66

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 ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose as per the requirements in the interest of students. • Maintenance of laboratories are as follows:- The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises. • Library:- 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. 3. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 4. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are chalked out / resolved by the library committee. 5. Book Magic software is used in Library. • Sports:- Our college has well equipped sports section. After class hours, regular practices are engaged by the students in college campus for team events and for athletics. Consequently, the college has won medals and cash prizes in various meets and different levels. Department of Physical Education keep a well-maintained record of all the sports equipment. Procurement of new equipment is done by following a proper procedure. The equipment are purchased according to the requirement of the teams. This Department is looked after by a qualified Physical Director, Mr. Shaju K Paul. • Maintenance of Computers and IT facilities: The office of the principal decides about purchasing necessary IT equipments as per recommendations received from the departments of the colleges and the administrative office of the college. IT facilities are maintained by computer skilled personnel of the college and they also take the responsibilities of periodic up-gradations of the IT resources. • Classrooms and Building maintenance Physical infrastructure which includes the classrooms, administrative block, toilets, auditorium, seminar room, etc. are maintained by the caretaker under the supervision of AO's. Housekeeping staffs are hired on regular basis to do the cleaning of the whole building. Cleaning is done once daily and Saturdays are days of deep cleaning and maintenance of the building. The plumbers, electricians and carpenters are available in campus. Through service request forms available in administrative office, these maintenance can be done. A non-teaching staff of every department will be assigned to report necessary maintenance issues of concerned department.

<http://iesce.info/uploads/userfiles/SOP-R.pdf>

#### 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
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Financial Support from institution	IES MANAGEMENT SCHOLARSHIP	138	5552800
Financial Support from Other Sources			
a) National	MOMA SCHOLARSHIP	23	Nill
b)International	NIL	Nill	0
<a href="#">View File</a>			

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 implemetation	Number of students enrolled	Agencies involved
Bridge /induction courses	31/07/2018	170	Space HR solutions
Orientation programme	31/07/2018	170	NIL
skill development- Paper file paper pen making	16/03/2019	50	IESCE-NSS students
<a href="#">View File</a>			

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 examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Whee box E mployability Test	105	Nill	56	50
2018	NIELIT Online test	17	Nill	11	50
2018	T.I.M.E Training Programme	Nill	41	Nill	50
2019	Malayala Manorama Personal grooming session	Nill	100	Nill	50
2019	Chanakya -Civil Service session	45	Nill	Nill	50
2019	Icon Centre for E xcellence- Personality Development	Nill	39	Nill	50

	Training Program				
2018	Internal Training	Nil	40	Nil	50
<a href="#">View File</a>					

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
7	7	15

## 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
IDBI Federal Life Insurance	42	11	ACE NDT Ship Inspection Services Pvt Ltd	12	1
<a href="#">View File</a>					

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
2018	1	B.Tech	Computer Science and Engineering	NSS College of Engineering, Palakkad	M.Tech in Computer Science and Engineering
2018	1	B.Tech	Computer Science and Engineering	Sir Sandford Flemings College of Arts and Technology, Canada	PG in Wireless Information Networking
2018	2	B.Tech	Electrical and electronics Engineering	MGM College of Engineering and Technology	M.Tech in Industrial Instrumentation and control
2018	1	B.Tech	Electrical And Electronics Engineering	Vidya Academy of Science and Technology	M.Tech in Power Electronics
2018	1	B.Tech	Computer Science and	Government Engineering	M.Tech in Computer

			Engineering	College, Thrissur	Science and Engineering
2018	1	B.Tech	Computer Science and Engineering	Government Engineering College, Wayanad	M. Tech in Networks and Security
<a href="#">View File</a>					

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
Nil	Nil
No file uploaded.	

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

Activity	Level	Number of Participants
Annual Sports Meet	Institutional level	360
Interdepartment games	Institutional level	262
Gamaya Arts Fest 2019	Institutional level	369
<a href="#">View File</a>		

### 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
Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

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

<p>All the departments have a student society, student chapters of various professional associations and various social clubs. Head of the Department, staff and students of the respective departments in consultation with the principal elect the office bearers. The student society of every department conducts National level events every year in which they organize various technical and non-technical events. The students are members and volunteers of the events. They get funding from concerned agencies and partial funding from the institution and by student membership and sponsorship. The College has various academic and administrative bodies that have student representatives. This representation helps them in their overall development. These bodies create more avenues for students to develop technical skills, update knowledge, develop their personality and motivate them to do social service. There are staff advisers to guide students in the smooth and efficient conduct of these activities. Following are the various committees and societies of the college. Academic and administrative committees • Class Committee • Sports committee • Ethics committee • Hostel Committee • Anti Narcotic Cell • Women Empowerment Cell • SC/ST Cell • National Service Scheme (NSS) • Entrepreneurship Development Cell (EDC) • Cultural Committee • Alumni Association</p>
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### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

2752

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

IESCE-AA executive meeting

## 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)

Governance is considered as the key activity that acts as a bridge between the management and stakeholders. IESCE has a strong governing board which is made up of different luminaries from various walks of life that devise all policies and decisions related to both academic and administration. To ensure the efficiency and effectiveness of the governing board, a number of academic and administrative bodies have been formed with duties and responsibilities. The governing board of the college meets once in a year, to discuss various issues and aspects contributing to the development of the college. During the meeting the suggestions from the planning and monitoring board are resolved. It chalks out a roadmap in order to achieve the goals of the institution. The Governing Board of the college is committed to its vision and perspective, policy, financial planning and management, meeting frequently as it focuses on comprehensive development and on continuous improvement for the steady growth of the college. The Management strives hard to design and implement the quality policy and provides long term strategic guidance and direction for the college. The Management makes necessary provisions for providing funds to maintain and improve the quality of infrastructure, faculty, teaching learning process and research. The Governing Board periodically interacts with the Principal and discusses the quality plans and takes necessary steps to improve the quality policy and plans. The major decisions for the function of the institution and objective of the institution will be taken in the Governing Board meetings. In the decentralized governance system, the Principal is empowered to take decisions for all academic activities inside the Institution. The department heads are sanctioned to take decisions at the department level. The Institution believes in promoting a culture of decentralized governance system. Adequate and systematized autonomy to all the departments and sections is provided. Class committee gives its feedback for refining and redefining activities by keeping in view the deliberations of class committee feedback. Organization of several activities by students to enhance the capabilities of students under the advice of faculty members, hone their event management skills. HODs are empowered to distribute workload to faculty, identify the content beyond syllabus and to organize various faculty and student empowerment programs with the help of teaching and nonteaching faculty of the department.

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

Yes

## 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	<p>Our institution is affiliated to APJ Abdul Kalam Technological University , Thiruvananthapuram it abides by the changes in curriculum as prescribed by the university. APJ Abdul Kalam Technological University Curriculum pattern consists of subjects that need to be studied for different engineering branches. The first and second semester syllabus is common to all branches.</p> <p>From the third semester onward the courses are restricted to the stream or branch . Along with core branch papers, Economics, Life Skills, and other inter department papers also included.</p>
Teaching and Learning	<p>Course plan, Course materials and notes are prepared well in advance before the commencement of classes. E-learning resources like NPTEL, M-Tutor and other video lectures are played in classrooms. Group discussions, Tutorial classes, Individual student seminars are given to students to make them individually talented. Library references, journals, DELNET and internet facilities are provided to improve their technical knowledge and to have an idea about new technologies. Guest lectures, workshops, seminars are arranged. Assignments are given and Class Tests, Quiz programs are conducted to improve the academic performance of the students. Industrial visits, internship and in-house projects are arranged. Students are permitted to use the internet for their project works and seminars. Dedicated and experienced faculties guide the students . ICT is used apart from chalk and talk. Teaching Tutorial hours are conducted regularly to improve the problem solving skills of students. Academic planning by the Committee is done to improve the quality of academics. The subjects are allotted to the faculty before the semester begins based on their specialization and experience. The Faculty members are then asked to submit the lesson plan, notes and question bank to the HOD which will be monitored by the academic director and the Principal during the semester. The faculty shall maintain</p>



the class log books, records of daily lectures delivered and that of laboratory classes conducted. This is reviewed by the HOD weekly and checked by the Principal at random. The internal tests are conducted as per the academic calendar provided by the University and the results are analyzed within a week. Based on the results, the following remedial measures are taken: Guiding the students on the preparation and presentation in exams. Arranging tutorial classes. Conducting special coaching classes for slow learners. Conducting additional tests. Offering counsel to the students. Providing assorted references material.

#### Examination and Evaluation

The Examination Cell coordinates the conduct of Internal Examinations as well as University Examinations for all the UG and PG programs. In general, 2 sessional tests for UG classes and PG classes are conducted as per academic calendar. The college conducts the internal tests satisfying the requirements of APJ Abdul Kalam Technological University. Each department has a question paper scrutiny committee which receives 2 question papers from respective faculty members .After the scrutiny one set is selected and handover to exam cell for the conduct of series examination.

#### Research and Development

The faculty are encouraged to attend FDPs, Workshops, Seminars and Conferences of different organizations. Faculties are involved in research and have published research articles in various national and international journals. The faculty are also motivated to pursue PhD in reputed universities.

#### Library, ICT and Physical Infrastructure / Instrumentation

Availability of textbooks, reference books and journals in the library is ensured for the effective course delivery. Also Digital library is available in the library to help the students to listen to the lectures delivered on the subjects .College has membership of National Digital library. The college subscribes to most of the major technical journals including IEEE,ACE, ASME useful for researchers in various departments. Also NPTEL video classes are available for students. Besides the central library, there are department libraries with

	<p>ample volume of books for easy access of reference books for faculties and research scholars. On special request from the research scholars, books required for research are made available . The institution strongly advocates and encourages the use of ICT tools to enrich the learning experience of the students inside and outside the classroom. ICT enabled classrooms are available here including seminar halls and auditorium for specialized needs.</p>
Human Resource Management	<p>This is achieved through: Well-defined recruitment policy based on merit of the applicant within the general frame-work. Providing a better teaching-learning environment in the institution. Providing on duty to the faculty for attending seminars, symposia, Workshops, invited lectures and research oriented activities. Conducting various programs related to health and hygiene, environment and literacy involving the local community including economically and socially backward classes. Providing on duty to the faculty for doing PhD research work.</p>
Industry Interaction / Collaboration	<p>The ultimate aim of the education is to equip the students to meet the industrial needs. In the present scenario the industry expects the students to fit in their requirements. In this process, the college accomplishes the following activities and facilitates the experts from industry to interact with the students. Guest Lecture is a way of enriching our students with the latest updates of the industries and technologies. Industrial visit is an important activity which gives an exposure to the company environment. Internships provide work experience opportunities to our students.</p>
Admission of Students	<p>For under graduate programs : The students are admitted through APJ Abdul Kalam Technological University, Single window system. For post graduate programmes: The students are admitted based on their merit in graduate level examinations conducted by the APJ Abdul Kalam Technological University.</p>

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

E-governance area	Details
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Examination	Faculties enter marks of sessional exam, assignments , class test e t c and take analysis reports of the same.
Administration	This module handles and maintains all details relating to human resource development and management of staff. This module allows the institution to perform the following and more : Staff application, appointment, ID Card, Manage Bio Data ,designation, category, scale, slab, allowance, deduction, leave masters .
Finance and Accounts	This module shall manage all financial activities of the institution and is also interlinked to Library, Hostel, Inventory, HR, Examination and Office Administration.
Student Admission and Support	The software module should process each information of a students during their campus life starting from application, admission to issuance of degree completion certificates etc. This module allows the institution to perform the following and more : Get application details ,Selection Process , Registration of students , Student ID Card, Promotion/Transfer/Debar/Exit.

### 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
2018	Nil	NIL	NIL	Nill
No file uploaded.				

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)
2018	Effective methods on teaching and learning	NIL	26/07/2018	26/07/2018	70	Nill
2019	Internat	NIL			50	Nill

	ional conference on Multidisciplinary Engineering Science and Information Technology		02/05/2019	03/05/2019		
2018	NIL	Training on Road Safety	21/07/2018	21/07/2018	Nill	57
2018	NIL	How to Handle Young Generation	15/12/2018	15/12/2018	Nill	57
2019	NIL	Hands on Internet Surfing	20/04/2018	20/04/2018	Nill	57
<a href="#">View File</a>						

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
FDP (Numerical Linear Algebra Partial differential Equations)	1	05/12/2018	07/12/2018	3
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
70	70	57	57

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Casual Leave, Maternity leave, Gratuity( After completion of 5 years)	Casual Leave, Maternity leave, Gratuity( After completion of 5 years), ESI Benefit	NIL

## 6.4 – Financial Management and Resource Mobilization

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

- Experienced and efficient personnel conduct internal audit once in a month. • External audits are done by Proficient financial auditors • In the Audits, Experts verify all transactions. • There were no major observations noticed and the reports of the same are available.

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
Bharat Petroleum Corporation Limited	6750	to conduct competition to make awareness in students about energy conservation
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

0
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## 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	Yes	KTU	Yes	KTU Iinternal Auditors/NAAC Internal Auditors
Administrative	Yes	KTU	Yes	KTU Iinternal Auditors/NAAC Internal Auditors

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

The management arranges for a parent - teachers meeting once in a semester. The parents are identified and invited by PTMA coordinators. Student's academic performance, university results, attendance, internships placement and other Co-curricular and Extra-curricular activities are discussed.
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6.5.3 – Development programmes for support staff (at least three)

For the supportive staff at college level Training programmes were conducted on Road Safety, How to handle Young generation ,Hands on internet surfing
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Internal and External KTU academic audit . Awareness on NBA accreditation, Students are encouraged for student's internship programs. • Quality research and publication improvement has been addressed. • Internal and External KTU academic audit. • Implementation of Outcome Based Education
--

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
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
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2018	Bridge course for first year students	09/07/2018	09/07/2018	25/07/2018	188
2018	Faculty Development Program	26/07/2018	26/07/2018	26/07/2018	70
2019	International Conference	02/05/2019	02/05/2019	03/05/2019	50
<a href="#">View File</a>					

## 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
Invited talk on Issues in mental health	09/08/2018	09/08/2018	100	60
Invited talk on "International women's day"	08/03/2019	08/03/2019	50	40

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
<p>The Institution, nestled in close proximity to Thrissur city, surrounded by the sylvan surroundings of the Vilangan Hills and lush green paddy fields, IES EDUCATION CITY is spread over more than 40 acres of verdant land at Chittilappilly. The institution is committed to its responsibilities to the environment and consciously monitors the up keep and maintenance of the campus. The campus has been made as green as possible by planting good number of trees and other plants, with an exclusive team for gardeners and NSS volunteers. The students and staff members are aware of the importance of energy conservation. The students have been made self-responsible by switching off the lights and fans whenever not in use. Energy conservation banners have been put up in the college and hostel. The UPS Batteries are being maintained in good condition thus reducing charging current of batteries. Electrical equipments are periodically checked and monitored to ensure energy conservation. The lawns and saplings in the garden are watered by the recycled waste water which is treated properly in the plant. All the buildings in the campus are provided with rain water harvesting facility, in order to increase the water table, as a part of conservation and preservation of natural resources. Biogas, produced through the processing of various types of organic waste is used for cooking in the canteen. To avoid pollution, the campus has battery powered vehicle for travelling inside campus. As a part of the efforts for Carbon neutrality, the College provides bus facilities to the faculty members and non-teaching staff with an aim to avoid the use of individual vehicles and thus reducing carbon emission. Initiatives are taken to sensitize students and staff members in utilizing the common transport system in order to reduce the carbon emission.</p>

The institute actively promotes the idea of vehicle pooling to both staff and students. The campus is filled with greenery, in and around, with conscious efforts of the institution. No hazardous waste is produced within the campus. Computers, UPS and Printers are sent to approved scrap dealers for safe disposal. The well ventilated buildings where natural lighting is present throughout the day and the cool breeze from the canopy of trees, reduces the usage of electrical appliances. .

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nil

#### 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	1	1	20/02/2019	1	swachh bharat	Bus stop cleaning and renovation	10

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Ethics Committee	01/08/2018	IES College of Engineering, Chitilappilly, Thrissur, is committed to maintain good moral profile to gain credibility in the eyes of the stakeholders and build a good institutional image. Ethical conduct is to be practiced in all facets of the institutional operations and activities, policy decision making, implementation, and follow up. Our college is responsible to cultivate higher values of honesty, integrity, responsibility, mutual respect for persons and property and respect for human rights. Ethical behaviour and conduct are to be followed by all the

		<p>participants in the teaching - learning- evaluation process. Ethical dimensions of an Educational Institution cannot be ignored and it has a significant impact on society at large. In order to achieve this, appropriate guidelines are framed to enforce ethical values in the personal conduct which will be binding on all the students and staff in the college. Ethics Committee is constituted to formulate Ethics Policy for IESCE. Our ethics policy warrants ability to identify right from wrong, good from evil, and the commitment to do what is right, good and proper for each individual within the College.</p>
Vision And Mission	01/08/2018	<p>The vision statement of IESCE is a forward-looking statement that presents a visual image of the ideal state that the institution aspires to. It is motivating and aspirational, and each and every person of the Insitution is motivated by it. The mission statement is a succinct explanation of the rationale for the existence of IESCE as it expresses our ultimate goal and purpose . All stakeholders receive purpose and direction from the mission statement, which supports the vision.</p>
Life Skills	01/08/2018	<p>Life skills education, introduced by KTU empowers the students to acquire the ability to live life effectively and to organise lifes activities in a systematic manner . It is</p>



		<p>a style of education which sharpens the ability to adapt to a variety of situations and prosper in all aspects of society. Lack of life skills in the lives of new generations must be addressed because they are crucial in life. Not just personal lives, but also professional and career lives and jobs are damaged by a lack of life skills.</p>
IESCE -Rules And Regulations	01/08/2018	<p>The College Regulations helps the students to be safe and educate them what behaviours are and are not acceptable in the Institution. Rules are established to teach students how to act in an appropriate and safe manner in the institution , hence boosting student learning. I. Everything will be in disarray if the pupils do not have any rules to follow. This could lead to students inflicting physical and mental harm on one another. Furthermore, students will not be taught how to behave correctly in society as they get older. Another significant consideration is that the students disruptive behaviour will obstruct the learning chances of other students.</p>
College Website	01/08/2018	<p>www.iesce.info. our college website is , a well-thought-out digital platform that is critical to the institutions reachout to the younger generations and their parents. Other stakeholders like recruiting corporates and our training partners can also engage with the Management,Principal,</p>

		Faculty members and students. It allows the college to give an insight into the various activities, the offered courses , infrastructure , other facilities and snippets of the vibrant campus life.
IESCE Service Manual	01/08/2018	The Service Manual helps to demonstrate, both internally and externally, that it satisfies diversity, ethical, and training standards, as well as its obligations in terms of employee regulation and corporate governance. The typical strategy to meeting these requirements is to create an environment that outlines obligations, standards of behaviour, and disciplinary procedures. It establish frameworks within which consistent decisions are made and promotes equity in the treatment of persons. It also helps to foster and strengthen the intended Institutional culture.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Anti Ragging Awareness Programme	03/08/2018	03/08/2018	107
<a href="#">View File</a>			

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

The college has established facilities for Rain water Harvesting The College has started the concept of a vegetable garden Wide varieties of Bamboo are planted in the campus as part of the greening the campus Clean campus programs have been initiated. SWACHH BHARAT- program has been implemented through various programmes such Thrissur railway station cleaning, Vilangan hill cleaning and other community programs

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

1. "Surakshitha Koodorukum Keralam "- Safe Home 2. "IES Mission 75"

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

<http://iesce.info/uploads/userfiles/Best%20practices%2018-19%2023-Mar-2022%2011-56-55.pdf>

### 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

M1. To achieve recognition from statutory bodies and become one of the top ranking institutions in the country. M2. To provide technological, communication, aptitude and life skill training to enable the students to become successful professionals. M3. To promote innovation by encouraging students to initiate design and product development activities. M4. To inculcate entrepreneurial attitude by providing necessary mentoring, training and guidance for students to establish start ups.

Provide the weblink of the institution

<http://iesce.info/naac>

### 8.Future Plans of Actions for Next Academic Year

1. The departments are encouraged to apply projects through which we can receive Fund from govt agencies 2. In order to improve the Outcome based education the institution has planned to move for NBA Accreditation and the faculties are been often educated about OBE. 3. Department of ECE is planning to start an IOT hub for the students which encourages them to explore IOT in deep. 4. Planned to strengthen Research and development in EEE and ME departments 5. It is high time to educate faculty and students to build institutional social responsibility by conducting various related activities in future.