



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		IES COLLEGE OF ENGINEERING
Name of the head of the Institution		Dr.V.S.Pradeepan
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04872309966
Mobile no.		9497196380
Registered Email		mail@iesce.info
Alternate Email		iesce.2003@gmail.com
Address		IES COLLEGE OF ENGINEERING P.O. CHITTILAPPILLY THRISSUR
City/Town		THRISSUR
State/UT		Kerala
Pincode		680551

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>Self financed</b>
Name of the IQAC co-ordinator/Director	<b>Dr.S.Brilly Sangeetha</b>
Phone no/Alternate Phone no.	<b>04872309965</b>
Mobile no.	<b>9633020650</b>
Registered Email	<b>mail@iesce.info</b>
Alternate Email	<b>iesce.2003@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<b><u>Nil</u></b>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<b><a href="http://iesce.info/uploads/userfiles/Academic%20Calendar17-18(1).pdf">http://iesce.info/uploads/userfiles/Academic%20Calendar17-18(1).pdf</a></b>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B+</b>	<b>2.65</b>	<b>2017</b>	<b>18-Sep-2017</b>	<b>17-Sep-2022</b>

<b>6. Date of Establishment of IQAC</b>	<b>27-Jul-2016</b>
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<b>7. Internal Quality Assurance System</b>
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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
<b>5th Meeting of IQAC</b>	<b>30-Jun-2017 1</b>	<b>17</b>

6th Meeting of IQAC	19-Jul-2017 1	17
Faculty Development Programme	31-Jul-2017 1	100
KTU internal audit	26-Sep-2017 1	92
KTU external audit	13-Oct-2017 1	92
KTU external audit	05-Dec-2017 1	92
KTU internal audit	29-Nov-2017 1	92
KTU external audit	05-Feb-2018 1	92
KTU internal audit	08-Feb-2018 1	92
7th Meeting of IQAC	10-Mar-2018 1	17
<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	2018 0	0
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

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

[View File](#)

**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)**

Bridge course for first years Faculty Development Programme Academic activities:  
 Course file, Feedback on teaching Quality of Question paper Stock Verification

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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	Achivements/Outcomes
Accreditation by NAAC	Institution has been accredited by NAAC with grade 'B'
Bridge course for first years	Objective of the course is to bridge the gap between subjects studied at school level and subjects they would be studying in Engineering
Faculty Development Programme	One day faculty development programme were conducted in teaching learning process.
Academic activities: Course file, Feedback on teaching	Course file prepared and verified by HoDs. Feedback on teaching is taken and adjusted with the needs of students.
Quality of Question paper	A question paper Scrutiny committee is formed and quality of internal question papers was checked.
Stock Verification	Yearly Stock Verification Conducted
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Council	07-Mar-2018

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

Yes

Date of Visit

30-Jun-2017

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

Yes

Year of Submission

2018

Date of Submission	23-Feb-2018
<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)	Yes, the Institution has Management Information System TCS The completed modules are • Students Attendance - Daily, Weekly, Monthly and consolidated reports • Faculty Lesson Plan and Notes of lesson • Faculty Profile: Basic and Additional • Mentor allocation and Counselling • Course entry, Subject allocation and Time table • Students Profile • Institution test: Result Analysis and Comparative Analysis • Online Feedback • Department event details entry • User creation, User management and user right settings • SMS • Students Progress report generation

## 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 and before that it was affiliated to University of Calicut, Kerala. 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 TCS 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 programmes 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/entreprene	Skill Development
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				urship	
Nil	Nil	Nil	Nil	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
No file uploaded.		

### 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	01/08/2017
BTech	COMPUTER SCIENCE & ENGINEERING	01/08/2017
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	01/08/2017
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2017
BTech	MECHANICAL ENGINEERING	01/08/2017
Mtech	COMPUTER SCIENCE & ENGINEERING	01/08/2017
Mtech	VLSI DESIGN	01/08/2017
Mtech	GEOTECHNICAL ENGINEERING	01/08/2017

### 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
Workshop on IPV4 (CSE)	12/06/2017	24
Second Phase of Workshop on Redhat, Linux administration system (CSE)	01/06/2017	24
Seminar on "MOSFET-The concept towards VLSI"	11/04/2018	26
Seminar on sensors	06/11/2017	41
Two days workshop on IOT	24/10/2017	55
Seminar on IOT	26/09/2017	26
Seminar on Electronic Design Automation	19/09/2017	27

Seminar on VLSI Embedded System	25/08/2017	36
Workshop on IPV4	12/06/2017	24
Second Phase of Workshop on Redhat, Linux administration system	01/06/2017	24
<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	16
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	20
BTech	CIVIL ENGINEERING	39
BTech	MECHANICAL ENGINEERING	27
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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><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 Value Added Courses, project internship and recruitment • Provide feedback and suggestions on one credit courses and latest topics to be included in the program  <b>Alumni:</b> • 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</p>

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	Civil Engineering	60	42	42
Mtech	Computer science & Engineering	60	41	41
Mtech	Electronics & Communication Engineering	60	16	16
BTech	Electrical & Electronics Engineering	60	13	13
BTech	Mechanical Engineering	60	44	44
BTech	Geotechnical Engineering	24	12	12
BTech	Computer science & Engineering	24	8	8
BTech	VLSI Design	24	Nil	Nil

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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
2017	156	20	81	6	87

### 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
87	87	5	14	14	5

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



**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
176	87	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
87	87	Null	17	3

**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
2018	Anoopa Jose C	Assistant Professor	Co ordinated Prelim round at IESCE of UTKRAANTI-18 in association with NSSC-IIT Kharagpur
2018	Ajeesh S	Assistant Professor	Co ordinated Prelim round at IESCE of UTKRAANTI-18 in association with NSSC-IIT Kharagpur
2018	Shahaziya Parvez	Assistant Professor	Co ordinated Prelim round at IESCE of UTKRAANTI-18 in

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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
BTech	PG	S1/S3	17/12/2017	10/01/2018
Mtech	UG	S1/S3/S5/S7	14/12/2017	10/01/2018

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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 respected universities (Calicut and 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 are 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 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
UG	BTech	CIVIL ENGINEERING	60	50	85

UG	BTech	COMPUTER SCIENCE AND ENGINEERING	26	17	65.38
UG	BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	16	13	81.25
UG	BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	20	14	70
UG	BTech	MECHANICAL ENGINEERING	65	22	36.07
PG	Mtech	COMPUTER SCIENCE AND ENGINEERING	6	6	100
PG	Mtech	VLSI DESIGN	4	4	100
PG	Mtech	GEOTECHNICAL ENGINEERING	17	17	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://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
Nil	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 problem analysis	Civil Engineering	02/03/2018
Seminar on IOT	Electronics Engineering	26/09/2017
Seminar on MOSFET-concept towards VLSI	Electronics Engineering	20/02/2018
Seminar on Sensors	Electronics Engineering	08/11/2017
Workshop on IOT	Electronics Engineering	24/10/2017

A Personality Development Program Brainstorming Sessions	Computer science Engineering	29/08/2017
International Scholarship for MBA at Amity University, Duba	Computer science Engineering	15/06/2017
Livewire Orientation Program	Computer science Engineering	14/03/2018
Parallel Programming with CUDA	Computer science Engineering	07/04/2018
Seminar on "Advances in Geo-techniques for Infrastructure Developments"	Civil Engineering	23/07/2017
One day workshop on "GIS TECHNIQUES"	Civil Engineering	19/10/2017
Technical talk on Recent Developments in Geotechnical Engineering	Civil Engineering	31/10/2017
Seminar on Geo-synthetics for Environmental Protection and Retaining works	Civil Engineering	10/11/2017

### 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
NIL	NIL	NIL	Nill	NIL
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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
Nill	Nill	Nill	3rd Eye Security System	Installation and services provide	20/08/2017
Nill	Nill	Nill	Zaconic Consulting Pvt Ltd	Software company	03/01/2018
Nill	Nill	Nill	nth Index	Software company	31/05/2018
Nill	Nill	Nill	Lemon blue	Software company	16/07/2017
Nill	Nill	Nill	Novanod information technologies	Software company	11/03/2018
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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	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
NIL	Nil

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	15	6.0
National	ELECTRONICS AND COMMUNICATION ENGINEERING	7	6.3
International	ELECTRONICS AND COMMUNICATION	13	4.5
International	ELECTRICAL AND ELECTRONICS ENGINEERING	9	5
International	MECHANICAL ENGINEERING	14	6.3

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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
COMPUTER SCIENCE AND ENGINEERING	1
ELECTRONICS AND COMMUNICATION ENGINEERING	1

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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
A Survey on Smart Waste Management Systems	R Zackarias, SB Sangeetha	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2018	1	1	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
A Survey on Smart Waste Management Systems	R Zackarias, SB Sangeetha	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2018	1	1	IES College of Engineering
<a href="#">View File</a>						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	Nill	Nill	Nill	Nill
Attended/Seminars/Workshops	Nill	Nill	2	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
Work done in Mullassery Block Panchayath for construction of houses under Life mission Project	NSS	14	70
NSS Seven day camp named Punarjjani	NSS	14	70
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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	Nill
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
NSS	Mullassery Block Panchayath	Construction and Repair works of houses under Life Mission	14	70
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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
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
Internship	Training	Ollukara Area Labour Contracts	17/07/2017	21/07/2017	2
Workshop	Redhat, Linux administration system	LIVEWARE THRISSUR	01/06/2017	08/06/2017	26
Workshop	IPV4	UTL technologies	12/06/2017	16/06/2017	26
Training	A Personality Development Programme Brainstorming Sessions	Salalah College of Technology, Sultanate of Oman	29/08/2017	29/08/2017	26
Training	International scholarship for MBA	Amity university, Dubai	15/06/2017	15/06/2017	26
Training	orientation Programme	LIVEWARE THRISSUR	14/03/2018	14/03/2018	26
Training	parallel computing with CUDA	NIT, CALICUT	07/04/2018	07/04/2018	8
Internship	Training	Dhronacharya	07/07/2017	17/07/2017	1

Academy For  
Refined  
Training, Thrissur, STED  
Council

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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
CADCENTER, Thrissur	26/09/2017	CAD TRAINING15	15
FAB STUDIOZ	14/12/2017	RESEARCH AND DEVELOPMENT	3

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#### 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
15.9	16.8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	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	33	22028	78	16724	111	38752
Reference Books	65	132305	34	14642	99	146947
Journals	16	35174	1	540	17	35714
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	Nill
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	450	16	16	6	4	5	7	120	0
Added	25	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
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##### 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	<a href="#">NIL</a>

#### 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
19.9	17.5	243.02	266.29

##### 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)

Link attached .
<a href="http://iesce.info/uploads/userfiles/SOP-R.pdf">http://iesce.info/uploads/userfiles/SOP-R.pdf</a>

### 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	IES Management	120	3913500
Financial Support from Other Sources			
a) National	MOMA SCHOLARSHIP	24	Nill
b) International	NIL	Nill	Nill

[View File](#)

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
Personal Counselling	01/08/2017	117	CSE--Faculty , Counsellor
Language lab	01/08/2017	41	CSE-Concerned Faculty
Remedial coaching	01/08/2017	117	CSE-Concerned Faculty
Personal Counselling	01/08/2017	115	CE --Faculty , Counsellor
Language lab	01/08/2017	42	CE -Concerned Faculty
Remedial coaching	01/08/2017	115	CE -Concerned Faculty
Mentoring	01/08/2019	115	CE -Group Tutor Faculty
Session on Self confidence	09/03/2018	55	IESCE- NSS Unit 186
Bridge course	17/07/2017	154	NIL
Celebration of Yoga Day	21/06/2017	72	The chief guest of the event was Mr M K Ramachandran the training session was conducted by Mr Babji Babu

[View File](#)

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
2017	AICTE Skill Test -Youth 4work	100	Nil	Nil	48
2017	Assessment Test by Hire Mee, Bangalore	90	Nil	Nil	48
2017	GATE Seminar by Manifold , Thrissur	Nil	115	Nil	48

2017	Training - CarpeDiem	Nil	86	Nil	48
2017	Assessment test by Pragmatics, Kochi	142	Nil	Nil	48
2017	Beyond Gate by IMS, Thrissur	22	Nil	Nil	48
2017	Online test by First Naukri, Delhi	96	Nil	Nil	48
2017	Seminar on Logistic-State Resource Centre, partner of NSIDC	Nil	142	Nil	48
2018	Pre-placement training by Chimes	Nil	104	Nil	48
2018	"Innovation and Entrepreneurial Skill Development Orientation Program -Startup Cognizance -Organized by IES IEDC Resource Person : Mr. Shubin Mohammed T K , Faculty , EDI, India"	Nil	78	Nil	48

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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
Face Coimbatore	24	6	Infopark	240	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
2017	1	B.Tech	Computer Science & Engineering	Government Engineering College, Idukki	M.Tech in Computer Science and System Engineering
2017	1	B.Tech	Computer Science & Engineering	IES College of Engineering, Thrissur	M.Tech in Computer Science and Engineering
2017	1	B.Tech	Computer Science & Engineering	IES College of Engineering, Thrissur	M.Tech in Computer Science and Engineering
Nil	1	B.Tech	Computer Science Engineering	IES College of Engineering, Thrissur	M.Tech in Computer Science and Engineering
2017	1	B.Tech	Civil Engineering	Malabar College of Engineering and Technology	M.Tech in Environmental Engineering
2017	2	B.Tech	Civil Engineering	IES College of Engineering	M.Tech in Geotechnical Engineering
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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
GATE	2
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	306
Inter Department Games	Institutional Level	130
Mudra Arts Fest 2018	Institutional Level	231
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
Nill	NIL	Nill	Nill	Nill	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)

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 • Library Council • Sports committee • Grievance / Redressal committee • Ethics committee • Internal Quality Assurance Cell • Placement and training Coordination Committee • Hostel Coordination Committee • Student's welfare committee • Anti-ragging Committee • National Service Scheme (NSS)

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

2540

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. Annual alumni Meeting conducted 2. Merit Day celebration 3. sport meet conducted

### 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 programmes with the help of members of class committee, 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
Examination and Evaluation	The Examination Cell coordinates the conduct of Internal Examinations as well as University Examinations for all the UG and PG programmes. 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 Kerala Technological University.
Admission of Students	For under graduate programmes : The students are admitted through Kerala Technological University, Single window system. For post graduate programmes: The students are admitted based on their merit in graduate level examinations conducted by the Kerala Technological University.

<p>Industry Interaction / Collaboration</p>	<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>
<p>Human Resource Management</p>	<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 programmes 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>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>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 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</p>

classroom. ICT enabled classrooms are available including seminar halls and auditorium for specialized needs.

Research and Development

The faculty are encouraged to attend FDPs, Workshops, Seminars and Conferences of different organisations. Faculties are involved in research and have published research articles in various national and international journals. The faculty are also motivated to submit research papers.

Teaching and Learning

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 Slip Tests, Quiz programmes 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. ICT is used apart from chalk and talk. Teaching - Learning is the main element of college. Tutorial hours are conducted regularly to improve the problem solving skills of students. Academic planning by the Committee The subjects are allotted to the faculty before the semester begins based on their specialisation 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 Prof. Emeritus and the Principal during the semester. The faculty shall maintain 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 randomly. The internal tests are conducted as per schedule provided by the University and the results are analysed within a week. Based on the results, the following remedial



	<p>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.</p>
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. KTU 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. From the third semester onward the course plan is restricted to the stream or branch ,and core subjects related to ones own branch need to be studied. Along with core branch papers, there also includes basic papers of Engineering and papers such as Economics, Life Skills, and other inter department papers.</p>

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

E-governance area	Details
Student Admission and Support	<p>The software module should process each information of a student during his campus life starting from his application, admission to issuance of degree completion certificates etc. This module allows the institution to perform the following and more :</p> <p>Students Enquiry , Get application details ,Selection Process , Registration of students , Student ID Card, Promotion/Transfer/Debar/Exit.</p>
Examination	<p>Faculties enter marks of sessional exam, assignments , class test etc and take analysis reports of the same.</p>
Administration	<p>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 Maintain payroll and Staff Profile management.</p>
Finance and Accounts	<p>This module shall manage all financial activities of the institution and is also interlinked to Library,</p>

### 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	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)
2017	Motivati onal Talk	Nill	31/07/2017	31/07/2017	87	Nill
2017	FDP on PYTHON AND DJANGO TECHNOLOGY conducted by FABSTUDIOZ	Nill	29/11/2017	30/11/2017	19	Nill
2017	Nill	Training on computer a pplication	01/07/2017	01/07/2017	Nill	54
2017	Nill	Training on Accounts	16/12/2017	16/12/2017	Nill	18
2018	Nill	Training on fire safety	17/03/2018	17/03/2018	Nill	64
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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
FDP for Student Induction	2	08/06/2017	10/06/2017	3
FDP on	1	21/07/2017	22/07/2017	2

Scilab/Octave				
FDP on Power Electronics DSP Lab	1	10/07/2017	11/07/2017	2
FDP on Design Projects by KTU	3	21/08/2017	21/08/2017	1
STTP on Polymer Hybrid Electronics	1	21/08/2017	27/08/2017	7
FDP on Principles on DSP, its implementation	2	25/07/2017	26/07/2017	2
FDP on PYTHON AND DJANGO TECHNOLOGY conducted by FABSTUDIOZ	14	29/11/2017	30/11/2017	2
"TECH SURGE 2018" - Industry - Institution Interaction Program	2	17/02/2018	17/02/2018	1
Workshop on Network Programming Lab	2	13/12/2017	14/12/2017	2
FDP on Design and Analysis of Algorithms	1	27/11/2017	02/12/2017	6
<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
87	87	69	69

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Casual Leave, Maternity leave ,Gratuity ( Completion of 5 Years)	Casual Leave, Maternity leave, ESI benefit, PF, Gratuity ( Completion of 5 Years)	AICTE Tuition Fee Waver, E-grants, IES Management scholarship

**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
Nil	0	Nil
<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	Internal Audit Cell members/NAAC internal Auditors
Administrative	Nil	Nil	Yes	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 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 on computer applications, accounts , fire and safety training are organized .
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

6.5.4 Post Accreditation initiative(s) (mention at least three) • ISO - 2017 (upgrade) • 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	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
2018	Training program for New procedures ISO	06/01/2018	06/01/2018	06/01/2018	15

	9001-2015				
2017	Motivational Talk	31/07/2017	31/07/2017	31/07/2017	87
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## 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 Strategies and approaches to achieve success in life	26/10/2017	26/10/2017	53	45
"NIRBHAYA"- Self defense program	02/02/2018	02/02/2018	60	Nil

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
0

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
Nil	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)
IESCE -Rules Regulations	01/08/2017	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

		<p>appropriate and safe manner in the institution , hence boosting student learning. 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>
IESCE Service Manual	01/08/2017	<p>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.</p>
Ethics Committee	01/08/2017	<p>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</p>

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 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.

College Website

01/08/2019

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, 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.
Vision Mission	01/08/2017	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.
Life Skills	01/08/2017	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 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.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Yoga Day	21/06/2017	21/06/2017	72



Observation of World Environmental Day	05/06/2017	05/06/2017	50
Orientation Programme for the first year students	31/07/2017	31/07/2017	154
<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,, Peramangalam police station cleaning Vilangan hill cleaning and other community programs

### 7.2 – Best Practices

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

Practice I: 1. Title of the Practice: " Innovation Entrepreneur Development Programmes - Startups" 2. Objective of the practice ? To promote an innovation driven entrepreneurship culture among the students ? To develop and promote commercially viable innovative products and solutions from the students. ? To promote a spirit of enterprise among budding technopreneurs ? To bridge the gap between Industry and academia. 3. Context ? IEDC Programme design systematically helps the Faculty in -charge to nurture the innovation culture among the young innovators. ? Beyond innovation, while engaging with IEDC activities, students are benefitted by an overall development in their personality, soft skills, technology skills and the 21st century skills. ? IEDC programme allow students to explore new ideas, test them and develop prototypes using the resources available in IEDC. IEDC system adopts a "learning by doing" philosophy and promotes "Do It Yourself" culture. ? IEDC programmes are designed in three distinct but connected verticals namely Innovation, Technical and Entrepreneurship. Students will be exposed to a number of interventions in these three areas. ? Phase 1: Innovation phase, students will be experienced the innovation thinking, tools of innovation and innovation mindset. Students will be experienced in design thinking, ideation which will help them to develop a new perspective towards social and community problems. ? Phase 2: Student will undergo a skill appreciation workshop and will be introduced to new technologies, future of work, concepts of computational thinking and other sectoral areas. Students are expected to take up efforts to upgrade skills in their chosen areas. ? Phase 3: Students will be exposed to business and entrepreneurship aspects through workshops and case studies. Tools such as Business Canvas Modeling workshops, Design Thinking workshops will be conducted in this phase. Students begin working in teams, towards solving the identified problems, leveraging their learning from the previous phases. 4. The Practice

Sl.No	Programme	Date	Venue	Organisation	Number of participants
1	Workshop on LED Fabrication	22/03/2018	EEE Seminar Hall,	IESCE Organized by IEEE in association with IES-IEDC	55
2	Idea Contest'18	21/02/2018	CSE Seminar Hall,	IESCE Organized By IES- IEDC	38
3	Orientation Program on Innovative and Entrepreneurial Skill Development - Startup Cognizance	15/02/2018	CE Seminar Hall	Organized by IES IEDC	Resource Person : Mr. Shubin Mohammed T K , Faculty , EDI, India
4	VR Hands on Workshop	27/10/2017	28/10/2017	Programming Lab, Dept.of CSE Main Block, IESCE	Organized by Dept. of CSE in association with IES-IEDC
5	IoT Hands on Workshop	23/10/2017	24/10/2017	Computer Lab EEE Block, IES College of Engineering	Organized by Dept. of ECE in association with IES-IEDC
					Resource Person:Mr.

SubhamGupta ,Technical Expert-Team UTKRAANTI'18,IIT Kharagpur. 68 6 IEDC Summit 2017 19/08/2017 Adlux International Convention Centre,Angamaly The summit was Organized by Kerala Startup Mission. 10 5. Evidence of Success Sl No. Name of the Company Founder Name Contact Details Brief about the company Branch (Batch) Evidence 1 3rd Eye Security Systems Mr. Aslam Basheer dx.alsam@gmail.com 91-9895428200 Installation and services provider company with a team of young entrepreneurs and engineering professionals specializing in the highest quality security solutions , with branches in Thrissur Bangalore EEE (2013-2017) www.3rdeyess.com 2 Zaconic Consulting Pvt Ltd Mr. Alwin Lazar V. alwinlazar46@gmail.com 91-9745380321 Information Technology and Services based company CSE (2013-2017) 3 nth Index Mr. Ajith Ramesh C R ajithrameshcr@gmail.com 91- 7559973359 Software firm of App development CSE (2013-2017) 4 Lemon blue Mr. Ebrahim K K ebrahim@lemonblue.in 91-8943801853 Software company based on Big data analysis , App development CSE (2013-2017) 6. Challenges ? Limited budget ? Lack of expertise on how to form a digital strategy ? Lack of Managerial skills Practice II: 1. Title of the Practice: "School Empowerment Programmes" 2. Objective of the practice (1) positive sense of self (2) self- control (3) decision-making skills (4) a moral system of belief (5) pro-social connectedness. 3. Context: ? IES NSS unit 186 started their school empowerment on 25/10/2017 Wednesday of this particular academic year. ? The school empowerment programme was conducted on V.V.L.P school chittilappilly. ? As a part of inauguration of school empowerment ,our NSS programme officer Joseph sir,Ass.programe officer Ms.Sruthy Girish accompanied with us to the school. ? School headmistress welcomed us to their school and "she will be grateful to the NSS volunteers of IESCE for taking up our school for cleaning programme."she said in the inaugral address. ? About 37 volunteers were attended the first day empowerment and it will be successful to a great extend. ? Regularly various programmes were conducted related to career guidance, How to write board exams?, Tricks to and tips to score high in maths. 4. The Practice Sl.no Programme Date Venue Number of Participants 1 School Empowerment Programme-Inaguration 25/10/2017 V.V.L.P school chittilappilly 37 2 Career Guidance Programme 3/11/2017 Sree Durga Vilasam Higher Secondary chool, Peramangalm 100 3 Environment Cleanliness Programme 6/12/2017 V.V.L.P school chittilappilly 50 4 How to write board exams?Tricks and tips to score high in maths 16/2/2018 Sree Sarada Girls Higher Secondary School 150 5. Evidence of Success ? The young generations got confidence , knowledge, skills necessary for appearing to the board exams. ? Career guidance programme helped the plus two students to identify the various courses and narrow them down to make their own future decisions. ? Today's youth are tomorrows future. So they are build with good humanity and social responsibility. 6. Challenges Most of the students are from rural area. The challenges faced are ? low self-esteem ? depression and anxiety that are a source of great stress, which inhibits learning.

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%2017-18%2022-Mar-2022%2015-14-14.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

The Institute has an Innovation and Entrepreneurship Development Cell (IES IEDC) established in 2016. Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala and considered as an umbrella

programme that would play an instrumental role in fostering innovation culture in Academic institutions. It is a student's organization established in the institution devoted in promoting the spirit of entrepreneurship among themselves. It also aims to conduct ED courses for students with the help of Kerala Startup Mission ,MSME EDI, India. IES IEDC organizes seminars and various workshops periodically. Successful entrepreneurs are invited for interactive session with the students, for making the students understand business ethics and start-up procedures. The cell also organizes idea competition and mentor them to transform their ideas into reality Officials from different sectors are also invited as guest speakers for sessions to provide guidance on financial and registration aspects of startups. PROGRAMME DESIGN OF IEDC IEDC Programme design systematically helps the Faculty in -charge to nurture the innovation culture among the young innovators. Beyond innovation, while engaging with IEDC activities, students are benefitted by an overall development in their personality, soft skills, technology skills and the 21st century skills. IEDC programme allow students to explore new ideas, test them and develop prototypes using the resources available in IEDC. IEDC system adopts a "learning by doing" philosophy and promotes "Do It Yourself" culture. IEDC programmes are designed in three distinct but connected verticals namely Innovation, Technical and Entrepreneurship. Students will be exposed to a number of interventions in these three areas. In the first phase i.e. Innovation phase, students will be experienced the innovation thinking, tools of innovation and innovation mindset. Students will be experienced in design thinking, ideation which will help them to develop a new perspective towards social and community problems. In the second phase, Student will undergo a skill appreciation workshop and will be introduced to new technologies, future of work, concepts of computational thinking and other sectoral areas. Students are expected to take up efforts to upgrade skills in their chosen areas. And finally, Students will be exposed to business and entrepreneurship aspects through workshops and case studies. Tools such as Business Canvas Modeling workshops, Design Thinking workshops will be conducted in this phase. Students begin working in teams, towards solving the identified problems, leveraging their learning from the previous phases.

Provide the weblink of the institution

<http://iesce.info/>

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

? Research and Consultancy project to be increased ? Imparting good communication skills to Engineering students who are mostly from rural and semi urban background ? International collaboration for student exchange and faculty exchange programme ? Faculty members and PG students are motivated to do higher studies ? Students are motivated to take social relevant issues and solve the issues as project. ? Participation of students in national/inter-national events. ? Train the students in upcoming technologies to meet industry expectations. ? Get more Funded projects from funding agencies. ? Conduct of department activities by renowned alumni, professional bodies and MOU. ? Strengthening the industry institute interaction by conducting various events such as guest lectures, industrial visit, workshop and faculty development programmes. ? Organize environmental awareness, personality development and entrepreneurship development programmes.