Yearly Status Report - 2018-2019

<table>
<tr><td colspan="2" align="center">Part A</td></tr>
<tr><td colspan="2">Data of the Institution</td></tr>
<tr><td>1. Name of the Institution</td><td>FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY</td></tr>
<tr><td>Name of the head of the Institution</td><td>Dr. George Issac</td></tr>
<tr><td>Designation</td><td>Principal</td></tr>
<tr><td>Does the Institution function from own campus</td><td>Yes</td></tr>
<tr><td>Phone no/Alternate Phone no.</td><td>04842725272</td></tr>
<tr><td>Mobile no.</td><td>9495677688</td></tr>
<tr><td>Registered Email</td><td>mail@fisat.ac.in</td></tr>
<tr><td>Alternate Email</td><td>asunnyk@fisat.ac.in</td></tr>
<tr><td>Address</td><td>Hormis Nagar Mookkannnoor P O Ernakulam Dist</td></tr>
<tr><td>City/Town</td><td>Angamaly</td></tr>
<tr><td>State/UT</td><td>Kerala</td></tr>
<tr><td>Pincode</td><td>683577</td></tr>
</table>

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Sunny Kuriakose A**
Phone no/Alternate Phone no.	**04842725272**
Mobile no.	**9495677688**
Registered Email	**mail@fisat.ac.in**
Alternate Email	**asuunyk@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://fisat.ac.in/pages/iqac-ac

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://fisat.ac.in/pages/academic

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.0**	**2016**	**05-Nov-2016**	**04-Nov-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**15-Feb-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Introduction to OBE	**09-Jul-2018** **2**	**100**

8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

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)

Academic Progress Monitoring Introducing Outcome Based Education Preparing for NBA Accreditation for 5 B. Tech. programmes Giving orientation to staff for documentation and preparation of Files Improving Management Information System

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
Orientation to staff at the beginning of the academic year	A two day orientation programme was conducted on July 23, 2018
Introduce OBE	OBE practiced has been fine tuned
Identify the documents and files required for NBA	List prepared and distributed to the departments
Better academic output	Academic progress monitoring committee made more vibrant

Apply for NBA accreditation	SAR prepared and registration with NBA done
[View File](#)	

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

Name of Statutory Body	Meeting Date
Internal Governing CouCIL	16-Dec-2019

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:	**No**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Management Information System • Profile of Staff and Students – General information, Previous Qualification Experience Details of both staff and Students are available. • Exam Analysis Report This gives analysis of Internal University Exam Results. Overall pass percentage, subjectwise pass percentage, Toppers list, Failed student list etc are available. • Academic Reports – Attendance reports consolidated, subjectwise, daywise etc are available. Sessional report is also available. • Course outcome Feedback and Attainment Report are available. • Attendance Monitoring Facilities – We can select a date and find out which all faculties have marked attendance and for which subject and hour. Absent Student List is also available • Placement and Training Report – Overall placement statistics and we can also get detailed report of studentwise and companywise placement report. In Training Report lists all placement trainings details like date, resource person, no of students attended. • ISO Manuals – In this latest report of Procedure Manual, Quality Manual, Forms Manual and Risk Registers are available • Software Cell Report new requirement and modification requests placed and status of that request is available. •**

Staff evaluation Report Feed back of Faculties are done twice a semester by students. Both Reports are Generated and Distributed. • Exit Feedback Report Feed back is done by students at the time of course completion. • College Infrastructure Evaluation Report – Students can evaluate overall and specific facilities in our college and a report is generated based on the evaluation. • Remedial Class Report We can view detailed report of remedial classes taken including Batch, Faculty , Subject and Date • Staff Work Load Report – Total work load (In hours) of each faculty during a period of time is available . • Fee Report Report of Fee Paid , Fee Due ,Fee Refund And Petty Cash Report • Accounting Module Ledger, Trial balance , Balance Sheet and Advance payment reports are available • Salary – Salary Payslips ,YTD slip and Acquittance are available • Leave Leave report of employees in year wise and month wise are available • List of TC Conduct Certificate issued is also available • Inward And Despatch Register Reports are available.

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

FISAT has a well-planned mechanism for curriculum delivery and documentation.It includes adherence to academic calendar, initiatives followed to improve the quality of teaching and learning, encouraging bright students, assisting weak students,collaborative learning, upholding quality of student projects,initiatives related to industry internship/summer training, quality of internal semester question papers, assignments and evaluation and initiatives related to industry interaction. All departments follow the academic calendar provided by APJ Abdul Kalam Technological University (APJAKTU). It details the academic activities for the semester, and schedules for internal and end semester exams. APJAKTU will publish an academic calendar every year before the commencement of the classes. An institutional academic calendar and departmental academic calendar, is also prepared based on this. The institutional academic calendar and departmental academic calendar include the specific activities carried out by the department. The institutional academic calendar is circulated among students through handbook and also published in college website. Subject allotment is done well in advance for the staff members to prepare course plan, soft and/or hard copies of the lecture notes. For ensuring adherence to academic calendar, course diary is prepared and maintained for each course by the respective faculty. Before the commencement of the semester a detailed course plan has to be prepared for each course by the concerned faculty and duly approved by the Head of the Department. The

topics covered in each class have to be entered in the campus software by the respective faculty for the effective academic monitoring. The adherence to academic calendar is verified in course committee/class committee meetings. An internal academic auditing cell monitors the adherence to academic calendar and all the academic activities.This is followed by an external audit from the university. ISO audit team also ensures the adherence to academic calendar. Internal assessment tests are conducted in accordance with the university academic calendar. The student's projects are selected in line with department vision, mission and Program outcomes. Students are provided with brief idea of various fields for selecting the project topics. The faculty encourages the students to carry out in house projects, and support will be provided with all necessary software and hardware. External project in reputed companies or with quality work are also accepted. Students are encouraged to participate in project exhibitions in inter and intra collegiate competitions. The project exhibitions are conducted with an aim to provide a common platform to exhibit their innovations and their work towards excellence in latest technology.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Computer science Engineering	29/04/2019
PhD or DPhil	Electronics and Communication Engineerring	29/04/2019
View File		

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
No Data Entered/Not Applicable !!!		

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

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

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
IFRS Certification Course	14/08/2018	119
Microsoft Excel certification	16/08/2018	119
C programming	20/03/2019	15
View File		

1.3.2 – Field Projects / Internships under taken during the year		
Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
[View File](#)		

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

Feedback from students Two types of feedback are collected from students in each semester. (a) CourseOutcome Feedback: Course outcome feedback is taken from each student at the end of the semester to assess the attainment of the course objectives. Course outcome feedback questions are framed by the respective faculty. An online course outcome evaluation report is generated based on the set questions. (b) Faculty Feedback –Online feedback of course delivery of each faculty is taken from every student twice in a semester. Some of the parameters included in the evaluation are lesson planning, speed of delivery, coverage of course content, encouraging student interaction etc. This data is analysed to improve the course delivery, and thus to attain course/programme outcomes.Based on the feedback, teachers were informed about their strengths and weaknesses in a confidential manner through Principal/HOD. All students' feedback is analysed by the HOD and gives appropriate guidelines to the staff. Faculty with good feedback is appreciated. Faculties, scoring feedback less than 70 are asked to adopt strategies to improve their performance. Feedback from alumni is considered by the HOD and it helps to identify the areas which need further improvement. Gaps are identified by the feedback mechanism. The identified gaps are discussed in the course assessment committee meeting and the content beyond the syllabus and class is prepared accordingly to bridge the gap.

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
MBA		120	317	119
MCA		120	160	96
[View File](#)				

2.2 – Catering to Student Diversity

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

Year	Number of	Number of	Number of	Number of	Number of

	students enrolled in the institution (UG)	students enrolled in the institution (PG)	fulltime teachers available in the institution teaching only UG courses	fulltime teachers available in the institution teaching only PG courses	teachers teaching both UG and PG courses
2018	2260	616	139	29	33

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
201	152	3	52	0	7

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

There are three advisors per batch and 20 students are assigned to each advisor for mentoring. Frequency of the meeting is minimumonce in each semester. Mentoring process: 1. The mentor observes the overall growth of a student and provides counselling whenever required. The mentor also makes sure to maintain a regular parentteacher communication. 2. For each student a Student record is maintained with details of parents/guardian, addresses, contact numbers and an academic history of student, marks in all university examinations for the courses etc. 3. The group tutors/mentors will continuously monitor each student attendance, discipline, and performance. In case of any lack of performance or attendance or discipline, it will be reviewed by HOD and group tutors and initiate corrective actions. An SMS will be sent to the parents regarding their ward's regularity in the class and performance. 4. The group tutors will meet the students frequently to know their problems related to course work, laboratory etc and necessary actions will be taken. Group Tutors will also address any other issues and concerns brought to their notice. 5. Class committee/course committee meetings are conducted twice per semester. This meeting includes HOD, group tutors, faculty members of respective subjects and students. Here, students will discuss about the difficulties they are facing in respective subjects. Actions taken against their grievances are recorded in the class committee register. 6. Each faculty will identify weak students in their respective subjects and help them to increase their understandability and to perform well in future exams. 7. Students who are weak in studies are given remedial class. Status of remedial class and retest is recorded in the Course file. 8. A routine counselling is given to each student by concerned group advisors. Meeting with the students are recorded in the student counselling register. 9. Students who are not able to improve by the above process or having any other issues, are provided professional counselling and report from the counsellor is provided to the Parents. 10. PTA meetings are conducted once in a year. In this meeting feedback of attendance, discipline of students and marks in various subjects are shared with their parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2876	201	1:20

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
No Data Entered/Not Applicable !!!				

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

No Data Entered/Not Applicable !!!
[View File](#)

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
No Data Entered/Not Applicable !!!				
No file uploaded.				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The continuous evaluation tools used for theory subjects are 1. Series Tests/ Module Tests 2. Assignments 3. Tutorials 4. Internal Quiz In addition to theory subjects, the curriculum includes 1. Laboratory sessions 2. Seminar 3. Design Project 4. Final year Project 5.Comprehensive Examination A continuous evaluation procedure is followed for all the laboratory activities. The lab sessions are well planned before the commencement of every semester.The cycle of experiments are prepared as per the norms and rules prescribed by the university and it is updated from time to time. Laboratory semester plan i.e., cycle of experiments, is shared with students well in advance. The Course Coordinator and the supporting faculty of each lab course ensure that the lab manual is properly updated before the start of lab classes. Three copies of lab manuals are available in the departments.

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

College academic calendar is prepared in accordance with the university calendar and each department prepare department calendar incorporating departmental activities fort the semester. The college calendar is published in website as well as circulated among students and faculty at the beginning of the semester. Internal assessment exams are conducted following the college academic calendar.

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://fisat.ac.in/department/mechanical-engineering/po-me

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
	BTech	ME	116	81	69.82
	BTech	EEE	59	43	72.88
	BTech	CSE	121	102	84.29
	BTech	EI	47	39	82.98
	BTech	CE	121	105	86.78

	Mtech	PEPS	15	15	100
	Mtech	SECM	24	24	100
	Mtech	VLSI	12	12	100
	Mtech	CE	5	5	100
	Mtech	CSIS	8	8	100
	MBA		118	90	76.27
	MCA	MCA	54	54	100

No file uploaded.

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)

No Data Entered/Not Applicable !!!

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
Interdisciplinary Projects	30	KSCSTE	10000	10000
Interdisciplinary Projects	365	CeDS	100000	20000
Interdisciplinary Projects	365	Kerala start up Mission (KSUM)	100000	100000

No file uploaded.

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
No Data Entered/Not Applicable !!!		

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
Best performing IEDC	FISAT IEDC	Kerala start up Mission	03/11/2018	STATE LEVEL

No file uploaded.

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
No Data Entered/Not Applicable !!!					

[View File](#)

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	3	2

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

Name of the Department	Number of PhD's Awarded
ECE	1
EI	1
CSE	2

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)
No Data Entered/Not Applicable !!!			
[View File](#)			

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
No Data Entered/Not Applicable !!!	
[View File](#)	

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
No Data Entered/Not Applicable !!!						
[View File](#)						

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
No Data Entered/Not Applicable !!!						
[View File](#)						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	77	13	13
Presented papers	14	34	0	0
No file uploaded.				

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
Kerala flood 2018 rehabilitation project	FISAT NSS unit, Angamaly Muncipality, Mintel Group	25	1000
No file uploaded.			

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
No Data Entered/Not Applicable !!!			
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 activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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
No Data Entered/Not Applicable !!!					
No file uploaded.					

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
Pets Day, Chalakudy	12/01/2019	Web site design Development	4
Magic Planet	24/12/2018	System installation and configuration	5

		of hardware	
Redhat	**05/12/2018**	**Training program**	**1**

[View File](#)

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
27000000	**26076774**

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	**Newly Added**
Classrooms with Wi-Fi OR LAN	**Existing**
Seminar halls with ICT facilities	**Newly Added**
Classrooms with LCD facilities	**Existing**
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	**Newly Added**
Value of the equipment purchased during the year (rs. in lakhs)	**Newly Added**

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 patially)	Version	Year of automation
No Data Entered/Not Applicable !!!			

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	**74152**	**21324489**	**2996**	**1017112**	**77148**	**22341601**
Reference Books	**17514**	**5037496**	**354**	**120180**	**17868**	**5157676**
Journals	**295**	**724905**	**7**	**14000**	**302**	**738905**
e-Journals	**5000**	**2433738**	**0**	**0**	**5000**	**2433738**
No file uploaded.						

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

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1300	22	1	14	9	25	30	310	0
Added	50	0	0	0	0	0	0	90	0
Total	1350	22	1	14	9	25	30	400	0

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

400 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

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 incurredon maintenance of physical facilites
No Data Entered/Not Applicable !!!			

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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!			
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 implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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 passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
View File					

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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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
GRE	1
GATE	8
Any Other	4
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

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	Number of awards for	Student ID number	Name of the student

		Sports	Cultural		

[View File](#)

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

Students' Council is constituted every year as per the norms of university. It is a democratically elected forum which coordinates all the student activities for the year. It is responsible for conducting various technical and cultural programs in the campus FISAT being affiliated college of Kerala Technological University (KTU) strictly follow the guidelines of university to conduct elections for electing the office bearers for the students' council each year. There is a staff advisor for the students' council who is responsible for carrying out the election procedure in a peaceful manner and advice the students' council for planning the various activities that leads to the overall development of both students and institution. Constitution The following are the positions to which elections are carried out. SI.NO POSITION DUTIES 1. Chairman Presiding over the Students' council meetings 2. ViceChair Person Carry out the responsibilities of the Chairman in his absence. The position is reserved for girl students in mixed colleges. 3. General Secretary Conduct meetings and Coordinate activities of the council. 4. Magazine Editor In charge of Annual College Magazine. 5. Arts Club secretary Coordinates various cultural fests and events 6. Sports Secretary Sports secretary is a nominated position. Nominated in the first executive meeting of the student's council. 7. Lady Representatives Two lady representatives are elected 8. Year representatives Representatives one each for 1st ,2nd,3rd,4th years and one each for MTech, MBA and MCA. Presidential and Parliamentary Mode University has separate guidelines for presidential and parliamentary mode of election. FISAT carries out the election of students' council in parliamentary method. Each class elects the class representatives in the 1st phase of election. Thereafter in meeting of parliament, these representatives elect the above mentioned office bearers or executive members of students' council.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Shageej memorial Award EEE,ECE Department annual Alumni meet on march 16, 2019. CE, ME, EI Department annual Alumni meet on march 23, 2019. CSE Department annual Alumni meet on APRIL 13, 2019.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Institution promotes the system of decentralized governance. Necessary

autonomy is given to all departments and sections functioning in the Institute. The Departments are entrusted with several academic and administrative responsibilities. 1. Department wise internal audits are conducted periodically to ensure the adherence to academic activities planned as per university academic calendar and to evaluate the academic and co curricular activities organised by the department. 2. The department vision and mission are set to accomplish the college vision and mission.

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	Curriculum is developed by the university. Identified gaps are rectified by add on certification programs offered such as IFRS, SAP , Microsoft Excel, Business English Communication training with certifications.
Teaching and Learning	• Active and Cooperative learning methods: The pedagogical methods for active learning creates an enthusiasm and interest among students. They actively participate in the followings and tackle large and illstructured problems and develop the ability to consider multiple points of views. • Soft Skill classes are arranged on regular basis to enhance the students' communication skills, grooming and body language to equip them for the professional world. • Team teaching for analytical subjects. Students are categorized and grouped based on academic caliber through which a slow learner is motivated and supported by an advanced learner in the same group. • Expert video subject lectures delivered by the various eminent resource persons are available in the digital library of college and it facilitates the faculty and students to utilize ETutorials of NPTEL, MOOCs access, EJournals etc. Honorary Corporate Professorship: To expose students to practical aspects of management. International Speaker Series:To expose student to internationally renowned academicians and industry experts. International Industrial Visit and Certification Program by foreign university(Malaysian University): To expose students to multicultural environment. Weekly

	Functional domain test. Weekly Business Wisdom Tests Teaching and Learning through GOOGLE CLASSROOMS.
Research and Development	Promoting research activities of the faculties. Department research center.
Library, ICT and Physical Infrastructure / Instrumentation	Introduced Google Classrooms
Industry Interaction / Collaboration	Industry Interaction Sessions twice a month, International and Indian Industrial visits.
Admission of Students	FAB Lab visit to school, mobile fab lab to enlighten and motivate the students to join the institution. Arranged technical competition for school students.

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

E-governace area	Details
Student Admission and Support	DSpace is used in the library as an institutional repository. It includes previous years' question papers of University Examinations, students' projects, seminar reports etc. which can be used by students and faculty members. There is a Central Multimedia Seminar Hall with video conferencing facility which is used for programmes of IITs, ISTE conducted by MHRD, Intentional and National Conferences, Seminars, symposia, etc. The College is an eOutreach Remote CentreRCID 1077. Every class room is provided with an LCD projector
Administration	The staff leave submission is though the online portal The bio metric impression enable the attendance entry of the staff
Examination	The students and parents can get the results of internal tests from the college website. The laboratory viva voce and mock comprehensive examination are conducted through moodle
Finance and Accounts	Online payment of student fee
Planning and Development	Feedback from all the stakeholders are taken for the academic planning and development

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	Name of the professional body for which membership	Amount of support

	support provided	fee is provided	
No Data Entered/Not Applicable !!!			
[View File](#)			

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
No Data Entered/Not Applicable !!!			

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Pension scheme, Medical Insurance, Financial Loans, Transportation and food subsidy, Quarters. Compliments on important occasions, Financial help towards Staff tours, Subsidy for Annual Health Checkup	**Pension scheme, Medical Insurance, Financial Loans, Transportation and food subsidy, Compliments on important occasions, Financial help towards Staff tours, Subsidy for Annual Health Checkup**	**Medical Insurance, Scholarships, fee waiver scheme**

6.4 – Financial Management and Resource Mobilization

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

Mr. Ajith Kumar, a member of the Governing Body/ Management Committee visits the institution regularly and does the internal audit. Besides, the Senior Manager, Finance also involves in the Internal Audit. 0

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

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KTU	Yes	KTU
Administrative	Yes	ISO	Yes	ISO

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

1. PTA extends full support in all student related activities including the maintaining discipline in the campus. 2. Partial financial support for placement training 3. Supporting extra and cocurricular activities.

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

1. Pension Scheme 2. Financial support to participate conference and workshops 3. Medical insurance scheme for staff, family members and parents 4. Health awareness programme conducted for support staff

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

1. Introduced pension scheme for staff members 2.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

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

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
No Data Entered/Not Applicable !!!				

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

The Nature Club of FISAT (SWAN) conducted awareness programme Better management of Energy with integrated solar power plant STP for proper sewage disposal.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	3500
Rest Rooms	Yes	3000

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
2018	1	1	17/09/2018	30	Flood relief	Cleaning of Flood affected houses	500

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

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Classes on Value education and Ethics	02/07/2018	28/06/2019	600

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

5 acres of land set apart for agriculture and farming Polyhouse farming Sewage Treatment Plant Aqua culture farming Taping of solar energy

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Academic Performance Monitoring The Academic Performance Monitoring Committee (APMC) evaluates the performance of students in the internal series tests and remedial measures are suggested to improve the results of the poor performers.Academic Performance Monitoring Committee (APMC) also meets periodically to review the results and give suggestions for improvements.The performance of teachers in the course delivery is continuously monitored and assessed. Based on the feedback from the students and parents and the academic output, they are encouraged to improve the quality of teaching, if necessary. Teachers with 100 success rate are specially felicitated. The Academic Performance Monitoring Committee plays a cardinal role in this regard. 2. Innovation Entrepreneurial Development Cell invited ideas and facilities provided.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://intranet.fisat.ac.in/index.php/ecampus/

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 institution performed well in academic output, placements better than ever before. Outcome Based Education has been implemented in its full form. Accordingly, the documentation of various events and programmes have been effectively implemented. Among more than 150 engineering colleges in the state, FISAT is adjudged the one among the best 10 in terms of admission, results and placements.The College is aspiring for NBA accreditation for 5 B. Tech. programmes. The College has got ISO 9001 :2015 certification recently. It has won many awards and distinctions during the year. All these achievements are due to the unflagging support from the Management and wholehearted cooperation from the staff. The facilities provided are excellent and congenial for a graduate to mould as a successful professional.

Provide the weblink of the institution
http://fisat.ac.in

8.Future Plans of Actions for Next Academic Year

To improve the effectiveness of Teaching learning process, the college is planning to offer different add on courses especially in the area of IOT, Artificial Intelligence and data mining. A training center is set up in the campus in association with government of Kerala, ASAP and other prestigious institutions like SKF, Maruti etc., To promote research and innovation, college is planning to organize national /international conferences. A budgetary allocation for attending competitions, workshops and paper presentation for students is also under consideration. To strengthen the research center, college is planning to provide advanced software and other computational facilities. Also MOU with various prestigious organisations are under discussion. More social outreach programmes under Departmental Associations will be conducted in order to improve social outlook of the students. Offer IELTS Course for students in 2019 20. To collaborate with 10 good management institutions at national level for mutually beneficial outcomes. To identify professional from industry who can support in quality placements, project opportunities and knowledge enrichment. To identify organisations where our faculty can do short term sabbatical To bring out publications, case studies, Management Development Programmes (MDPs) based on the interest of the faculty.