Yearly Status Report - 2019-2020

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

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**
Phone no/Alternate Phone no.	**04842725272**
Mobile no.	**9495677688**
Registered Email	**mail@fisat.ac.in**
Alternate Email	**asunnyk@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
APMC meeting	**19-Aug-2019** **4**	**50**

Orientation to staff	26-Aug-2019 3	36
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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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 :	3
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. Implementation of Outcome Based Education. Played vital role in achieving NBA accreditation for 5 B.Tech programs. Improving Management Information System

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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
APMC meeting	Identified weak students and remedial measures to improve the performance of students were identified
Preparation of Academic calender - scheduling the all activites for the	All the curricular and extra curricular activities were able to plan in advance

academic year	and execute
Academic Quality Monitoring	By the periodic conduct of ISO and KTU audits, quality of teaching learning process is ensured
NBA Accrediatation Process	Achieved NBA accreditation for 5 B Tech Programmes
Implementation of OBE	OBE training to faculty members were given by Prof. Bhasker, Prof. Abu Thahir and Prof Neelakantan P C, By the implementation of OBE, the university results are improved
Orientation to staff	An orientation program for staff for holistic development of the staff was given by Mr. Praksh C Chandy
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Internal Governing Council	04-Aug-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	14-Feb-2020
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)	• 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, subject wise pass percentage, Toppers list, Failed student list etc are available. • Academic Reports – Attendance reports consolidated, subject wise, day wise 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 faculty have marked attendance and for which subject and hour. Absent Student List is also available. • SMS/email to Parents Absent details,General instructions can be sent either through SMS or Email • Placement and Training Report - Overall placement statistics Detailed report of student wise and company wise placement. 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 Faculty 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. • Semester Registration Semester registration request can be done and registration reports are available. • Library Access to eresources for both faculty and student.

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

Institution follows the academic calendar provided by APJ Abdul Kalam Technological University (APJKTU). It details the academic activities for the semester, and schedules internal and end semester exams. APJKTU 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 institution and the department. The institutional academic calendar is circulated among students through handbook. The departmental academic calendar is published in departmental 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. The time table for the upcoming semester is prepared in accordance with the institutional academic calendar. A timetable committee is constituted for the preparation of time table. One faculty from each department will be a member of time table committee. 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. Course plan includes course outcomes, teaching methods, assessment methods and assessment pattern learning outcomes, CO-PO mapping and learning resources that can be effectively utilized for the best delivery and time plan for covering the entire syllabus on time. A Course diary has to be maintained for each course for recording the attendance, progress in course plan, examination marks details and other important details regarding course plan. The topics covered in each class have to be entered in the campus software by the respective faculty for the effective academic monitoring. Working model/Visual charts/ videos/cut model lab, discussions among students, group assignments and projects, lab experiments, quizzes, seminars/ presentations ,group Discussions, flipped class room, bridge courses etc. are some additional pedagogical initiatives taken in addition to Chalk &Talk, lectures, assignments, power point presentation and tutorials. The adherence to academic calendar is verified in course committee/class committee meetings. An internal audit cell is formed to monitor and enhance the adherence to academic calendar mentioned above. This is followed by an external audit from the university. ISO audit team also ensures the adherence to academic calendar.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
IOS development	Nil	09/10/2019	45	Employability	Application Software development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Computer Science Engineering	12/08/2019
BTech	Civil Engineering	12/08/2019
BTech	Electrical and Electronics Engineering	12/08/2019
BTech	Mechanical Engineering	12/08/2019
BTech	Electronics and Communication Engineering	12/08/2019
BTech	Electronics and Instrumentation Engineering	12/08/2019

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

	Certificate	Diploma Course
Number of Students	30	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
Professional Ethics	01/08/2019	120
Life Skills	01/08/2019	120
Value Education	29/07/2019	113
Add course on C programming	15/07/2019	65
Training program for python	15/10/2019	70
IFRS Certification course	14/08/2019	115
Microsoft Excel Certification	16/08/2019	115
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Electrical and Electronics Engineering	28
BTech	Mechanical Engineering	185
BTech	Civil Engineering	332
BTech	Computer Science Engineering	133
BTech	Electronics and Communication Engineering	89

BTech	Electronics and Instrumentation Engineering	28
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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

FISAT values the feedback from the various stakeholders like students, alumni, industry, academicians and parents in the journey towards achieving the vision of the institute. The consolidated feedback in terms of scores/remarks are discussed at the Department level and Institute levels Faculty evaluation by students - Feedback from students for each courses in a semester are collected through a software - Faculty members are advised by the higher authorities based on the computerized students feedback and follow-up actions are suggested -Improves the efficiency in teaching Oral Feedback from students - Feedback from students are collected from the class/course committee meetings, interaction with students and parents, and counseling by Group Advisor. - HOD/Group Advisor act as a mediator between students and other faculty which helps to understand the shortcomings in each class. - Improves the gap between students and teachers Course Outcome survey - At the end of each semester, students are required to complete Course Outcome survey for all the courses they studied in that particular semester - Evaluate how well they acquired the skills on learning the respective course - Evaluate how well they acquired the skills on learning the respective course and subsequently attainment of COs and POs are computed Exit Feedback - Collected from students during eighth semester - Evaluate the overall facility of the department and the college - examine the attainment level of their skills and expectations on the conduct of the department activities Feedback from parents - Regular feedback is collected from parents during Open House meetings and PTA meetings which are held class wise and generally after the series test. Interactions during informal visits by the parents - Can improve the student performance - Helps to understand the student better and thereby improve teacher-student relation Alumni feedback – Collected through online surveys, e- group interactions, Face book groups, alumni website interactions and during alumni meets. Printed feedback forms are also distributed and collected from the alumni.- Recollect the experience during their stay in the institute and provides valuable suggestions to the department in respect to students' career. - Alumni feedback helps in updating the curricular and non-curricular activities to cope-up with the current requirements in Engineering and Technology. Employer feedback - Feedback from the employers of FISAT alumni is collected. - This information is used to make necessary modification in the curriculum of the add-on courses. - Employer feedback helps to enhance the program curriculum so as to equip the students to face the challenges in the industry. Facility Feedback - The Students' feedback on facilities such as class room ambience, furniture, labs, library, ICT tools, hostel facilities such as room ambience, mess, speed of internet, etc. are often taken. - All the labs were made open after college hours as per request.,

More books were provided in the library, Library was made open until 6.30 pm. A separate dedicated project lab was provided., Software design tools were provided in the project labs.,Up-gradation of lab computers, NPTEL videos were added in digital library.

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	CSIS	24	10	1
Mtech	PEPS	24	14	4
MBA	Nill	120	251	120
MCA	Nill	120	160	93
Mtech	SECM	24	51	24
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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
2019	2225	559	120	28	47

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	Numberof smart classrooms	E-resources and techniques used
195	195	11	52	3	10
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

For mentoring, the students in each class are assigned to group tutors/mentors.There are 3 Group Tutors per Class. There will be 20 students per Group Tutor. The students in each class are divided and are assigned to each faculty. Frequency of the meeting is once in each semester. Efficiency of the system 1. The mentor observes the overall growth of a student and provides counseling whenever required. The mentor also makes sure to maintain a regular parent-teacher 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 public examinations in the Engineering 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 decide corrective actions. Also SMS will be sent to the parents regarding their ward's 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. The above process is recorded in a mentoring register. 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. 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. 8. A routine counseling is given to each student by concerned group advisors. Meeting with the students are recorded in the student counseling register. 9. Students who are not able to improve by the above process or having any other issues, are provided professional counseling and report from the counselor is provided to the parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2784	195	1:14

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
192	190	8	6	31

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mini P R	Professor	PhD Guideship in APJA-Kerala Technological University
2019	Rejeesh C R	Associate Professor	PhD Guideship in APJA-Kerala Technological University
2019	Unni Kartha G	Professor	PhD awarded from , cochin University of Science and technology
2019	Parvathy R	Professor	PhD awarded from , cochin University of Science and technology
2019	Asha Joseph	Associate Professor	PhD awarded from , cochin University of Science and technology
2020	Jii Antony	Assistant Professor	PhD awarded from , cochin University of Science and technology
2020	Paul P Mathai	Associate Professor	Innovative Research Dedicated Teaching Professional Award (The Society of Innovative

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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
MBA	PG	Trimester	18/09/2020	15/10/2020
BTech	UG	EVEN	19/08/2020	17/09/2020
Mtech	PG	EVEN	05/08/2020	23/08/2020
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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.

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

Department follows the academic calendar provided by APJ Abdul Kalam Technological University (APJKTU). It details the academic activities for the semester, and schedules internal and end semester exams. APJKTU 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 institution and the department. The institutional academic calendar is circulated among students through handbook. The departmental academic calendar is published in departmental website. 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 audit cell is formed to monitor and enhance the adherence to academic calendar mentioned above. This is followed by an external audit from the university. ISO audit team also ensures the adherence to 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/electrical-electronics-engineering/introduction

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
Nill	Mtech	VLSI & CE	3	3	100
Nill	Mtech	CSIS	5	5	100
Nill	Mtech	SECM	24	24	100
Nill	Mtech	PEPS	15	15	100
Nill	BTech	EI	38	17	44.73
Nill	BTech	EE	56	27	48.21
Nill	BTech	ECE	118	70	59.32
Nill	BTech	CE	119	77	64.7
Nill	BTech	ME	121	90	74.4
Nill	BTech	CSE	120	88	73.33

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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)

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
Students Research Projects (Other than compulsory by the University)	365	The Kerala State Council for Science Technology and Environment	0.2	0
Projects sponsored by the University	90	AMT Metals (Pty) Ltd	0.3	0
Industry sponsored Projects	365	Kerala State Information Technology Infrastructure Limited (KSITIL)	17.72	0
Minor Projects	365	Kerala State Council for	0.4	0

		Science Technology and Environment (KSCSTE)		
Major Projects	365	Kerala State Council for Science Technology and Environment (KSCSTE)	0.2	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
Webinar on Heat transfer equipment in process industry	Mechanical Engineering	19/06/2020
Webinar on Bio diversity and Civil Engineering" conducted as a registered support event to UNEP on World Environment day	Civil Engineering	05/06/2020
Webinar on "Environmental Impact Assessment process with special reference to Water Resources Projects	Civil Engineering	22/06/2020
Technical Talk on "Construction Management Opportunities in Engineering, Procurement Construction Industry	Civil Engineering	31/03/2020
Technical talk on "Rehabilitation of Structures under Distress"	Civil Engineering	04/10/2019
Workshop on Introduction to "Linux DISTRO FEST"	CSE	20/09/2019
Workshop on "IoT"	CSE	16/09/2019
Technical Talk on "AI"	CSE	02/08/2019
Bio-informatics Tools Workshop	CSE	23/09/2019
Workshop on LTSPICE	ECE	15/11/2019
Talk on basics of Radar Engg	ECE	22/11/2019
Designing in Industry hands-on workshop by Rahul Ravi, Alumnus, EIE, FISAT. Product Designer, Hortari Technologies	EIE	30/07/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Gold honour Winner of international Astronomy and Astrophysics competition 2020	Salih	IAAC, Germany	27/07/2020	international Astronomy and Astrophysics competition 2020

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	Nill	Nill	Nill	Nill	Nill

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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	Nill

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	ME	5	1
International	Civil Engineering	2	0
International	CSE	3	0
International	EIE	1	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ME	3
CS	11
EC	7
EIE	3
CIVIL	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	Name of	Title of journal	Year of	Citation Index	Institutional	Number of

Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
Investigating the biodegradability and physical properties of starch derived bioplastic films reinforced with nanosilica	Dr. Rejeesh C R	International Journal of Nanoscience	2019	0.8	Federal Institute of Science and Technology	Nill

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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
Numerical Analysis of Windowed Steel Tube Embedded in Concrete	P. E. Kavitha, Amrutha Anilkumar	Lecture Notes in Civil Engineering, Proceedings of SECON19:	2019	4	Nill	FISAT
Effect of Hammer Impact on Wave Propagation Characteristics of Soil: A Laboratory Study	Unni Kartha G, Veena Jayakrishnan, Beena K.S., Vinod J. S.	International Journal of Geotechnical Earthquake Engineering (IJGEE)	2019	6	Nill	FISAT
Fluid –Structure-Soil Interaction Effect on Dynamic Behaviour of Circular Water Tanks	Asha Joseph , Glory Joseph	International Journal of Structural Engineering (Inderscience)	2019	10	Nill	Cochin University of Science and Technology

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	85	76	51	29
Presented papers	22	5	Nill	Nill
Resource persons	3	4	1	18

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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
Digital Mookannor	Kerala state Remote sensing and Environmental Centre	3	67

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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
Project-Cognition Inspired Key Frame Extraction	Financial Assistance	Kerala State Council for Science, Technology and Environment	5
Project- E-Learning Platform with Automatic Multilingual Support and Gamification	Financial Assistance	Kerala State Council for Science, Technology and Environment	5

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
MHRD SCHEME-	IIT DELHI	Unnat bharat Abhiyan	9	100

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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
0	0	0	0

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
NA	Nill	Nill	Nill	Nill	Nill

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
He-Man Auto Robopark (P) Ltd South Attara, Mookkannoor PO, Angamaly	02/11/2019	Skill Based Training, Education and Research	200
Aghora Design Academy Erems Group, Kochi	16/07/2019	Professional Design Training, HVAC Training	250
Xplore IT Corp	01/07/2019	Professional training courses for multiple technologiesProfessional training courses for multiple technologies	500
Hortari technologies	15/09/2019	To provide training for placement related activities	500
Quartet Baloons, Keerampaara, Kothamangalam	06/02/2020	Students of Electronics Instrumentation, FISAT can undergo internships and do their projects in these companies	100

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
32750000	36221655

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NA	Nill	Nill	2021

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	77148	22341601	1722	327970	78870	22669571
e-Books	6000	68263	Nill	Nill	6000	68263
Journals	302	777281	Nill	Nill	302	777281
e-Journals	5000	2297580	22995	138414	27995	2435994
CD & Video	2618	261800	7	700	2625	262500
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill

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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
Sumesh	Laplace Transforms	Online classes -ASAP	28/04/2020
Mahesh C	Principles of	Online classes	16/04/2020

		Information Secuity -ASAP		

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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	1350	22	1	14	9	25	30	400	0
Added	0	0	0	0	0	0	0	0	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
e resource for courses	http://elearn.fisat.ac.in
Programming in C	https://www.youtube.com/user/paulpmathai

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
244627000	239984938	17925000	21214059

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)

Nill
http://fisat.ac.in/pages/library.http://fisat.ac.in/pages/infrastructure

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	Special Fee wavier Scheme , AICTE special Fee wavier scheme	552	16800000
Financial Support from Other Sources			
a) National	Merit cum means,	444	18349600

	OEC educational grant, Egrantz(SC/St)		
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Language Lab	01/08/2019	750	Department of Science and Humanities
Bridge Courses	25/07/2019	116	Management Department
Soft Skill development	02/08/2019	116	Pragmatix
IFRS Training	16/08/2019	116	Active Edu Technologies India pvt Ltd
MS Excel Training	16/08/2019	116	Active Edu Technologies India pvt Ltd
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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
2019	General Aptitude Training	Nill	Nill	Nill	410
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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
Nill	Nill	Nill

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
BigBinary,	3551	348	Hexaware,	948	62

| TCS, CTS,IBS ,SAP,Wipro, Federal Bank, Sutherland etc. | | | BYJUS APP, 6D Technologies etc | | |

TCS, CTS,IBS ,SAP,Wipro, Federal Bank, Sutherland etc.			BYJUS APP, 6D Technologies etc		
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B Tech	Electronics and Instrumentation Engg.	"INDIAN MARITIME UNIVERSITY "	MBA
2019	2	B Tech	Civil Engineering	Deakin University, Australia	MS
2019	3	B Tech	Civil Engineering	Lambton college, Mississauga	MS
2019	1	B Tech	Civil Engineering	RICS SBI Mumbai	MBA
2019	1	B Tech	Mechanical Engineering	Kumaraguru College of Technology , Coimbatore	M.Tech
2019	1	B Tech	Electrical and Electronics Engineering	Amrita, Kollam	M.Tech
2019	1	B Tech	Civil Engineering	Indian Institute of Infrastructure and Construction, Chavara, Kollam	PG Diploma
2019	1	B Tech	Civil Engineering	Lambton college, Toronto, Canada	MS
2019	1	B Tech	Civil Engineering	NICMAR ,Hyderabad	PG Diploma
2019	1	B Tech	Electronics and Instrumentation Engg.	"UNIVERSITY OF TEXAS, USA "	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
GATE	14
GMAT	1
GRE	1
CAT	2
Civil Services	1

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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 !!!		

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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
2020	second	National	Nill	1	149/16	Pranav L
2020	Bronze	International	1	Nill	610/17	Akash Anil

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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 over all 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. Vice Chair 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:

569

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

284500

5.4.4 – Meetings/activities organized by Alumni Association :

6

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 organized by the department. 2. The department vision and mission are set to accomplish the college vision and mission. 3. Institutional constructional activities has been entrusted to senior faculty of Civil Engg Dept. 4. All Electrical maintenance and related activities is given to faculty in Electrical Engg Dept.

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
Library, ICT and Physical Infrastructure / Instrumentation	Introduced Google Classrooms, Edx LMS platform, Webex,
Research and Development	Promoting research activities of the faculties. Department research center. Offer Phd Programs.
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	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. 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 E Tutorials of NPTEL, MOOCs access, E Journals 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):
Admission of Students	FAB Lab visit to school, mobile fab labto enlighten and motivate the studentsto join the institution. Arranged technical competition for school students
Industry Interaction / Collaboration	Industry Interaction Sessions conducted periodically, International and Indian Industrial visits.

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

E-governace area	Details
Administration	The staff leave submission is though the online portal. The bio metric impression enable the attendance entry of the staff. online entry of student attendance, course delivery details, internal marks and university marks. software support e support for the hardware maintenance. online meetings of staff and students Online semester registration of students SMS/ EMAIL to parents Absentee details (information to parents)
Planning and Development	Feedback from all the stakeholders are taken for the academic planning and development
Finance and Accounts	Online payment of student fee E verification of salary acquittance.
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 e Outreach Remote Centre RCID 1077.Every class room is provided with an LCD projector. Library entry and exit log is available in campus software. Online registration of students for management quota admission.
Examination	The students and parents can get the results of internal tests from the college website. The internal assessment test, laboratory vivavoce, online quizzes and mock comprehensive examination are conducted through moodle, google meet, google form.

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
2019	Muhamed Noufal C	Summer school on Machine Learning at	NA	6000

Year		Title	NA	8000
		IIIT Hyderabad		
2019	Harish T M	International conference on materials and manufacturing methods 3M-2019 organized by Dept of Metallurgical and materials Engg, NIT, Tiruchirappalli on july 5th-7th 2019.	NA	8000
2019	Dr Asha Joseph	Workshop on Construction Management and Modelling in BIM conducted at CUSAT	NA	500
2019	Sreerath S	Workshop on Construction Management and Modelling in BIM conducted at CUSAT	NA	500
2019	Leena Samuel	Workshop on Construction Management and Modelling in BIM conducted at CUSAT	NA	500
2019	Gayathri Krishnakumar	Workshop on Construction Management and Modelling in BIM conducted at CUSAT	NA	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	--	Foundation Course on Transaction Analysis	26/08/2019	29/08/2019	Nill	36

2020	---	First Aid Training (Dr. Natasha, Emergency medicine Department, MAGJ Hospital, Mookkannoor)	12/02/2020	12/02/2020	Nill	25
2019	Three day FDP on Role of IoT in Smart Grid	----	02/07/2020	04/07/2020	17	Nill
2019	Faculty Development Progrmamme on Design of Advanced Concrete Structures	Faculty Development Progrmamme on Design of Advanced Concrete Structures	03/07/2020	10/07/2020	39	3
2020	International Conference on Structural Engineering and construction management SECON 2020	International Conference on Structural Engineering and construction management SECON 2020	14/05/2020	15/05/2020	54	86
2019	Workshop on STAAD foundation by Bently Institute	---	24/07/2019	24/07/2020	10	Nill
2020	Webinar on Biodiversity and civil engineering	Webinar on Biodiversity and civil engineering	05/06/2020	06/06/2020	65	150
2020	Webinar on Environmental Impact Assessment with special relevance to Water	Webinar on Environmental Impact Assessment with special relevance to Water	22/06/2020	22/06/2020	30	50

Resources Projects in association with and KSCSTE - Centre for Water Resources Development and Management (CWRDM)	Resources Projects in association with and KSCSTE - Centre for Water Resources Development and Management (CWRDM)					

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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 on Design of Advanced Concrete Structures organised by the Department of Civil Engineering, FISAT	22	03/07/2019	10/07/2019	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	6	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Pension scheme, Medical Insurance, FinancialLoans, Transportation andfood subsidy, Quarters.Compliments on importantoccasions, Financial helptowards Staff tours,Subsidy for Annual HealthCheckup, Life insurance coverage	Pension scheme, Medical Insurance, FinancialLoans, Transportation andfood subsidy, Complimentson important occasions,Financial help towardsStaff tours, Subsidy forAnnual Health Checkup, Life Insurance coverage	Medical Insurance,Scholarships, fee waiverscheme

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. An external financial audit has been done yearly by a Chartered Accountant.

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
NA	Nill	Nill

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6.4.3 – Total corpus fund generated

444801326

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	ISO, KTU	Yes	ISO, 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 co curricular 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)

Introduced pension scheme for staff members Life Insurance Coverage Medical Insurance for dependents of staff

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
No Data Entered/Not Applicable !!!					
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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
NA	Nill	Nill	Nill	Nill

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. Aqua ponics Taping of Solar energy

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	3500
Provision for lift	Yes	3500
Rest Rooms	Yes	3500

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
2020	Nill	Nill	25/04/2020	7	obile medical clinic	COVID 19	5
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NA	Nill	Nil

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	01/08/2019	29/11/2019	590
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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 Sewage Treatment Plant Aqua culture farming Taping of solar energy Litter free campus

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. 3. Consultancy services 4. Book Bank scheme

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

https://intranet.fisat.ac.in/

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 accredited with NBA for 5 B. Tech programmes. The College has got ISO 9001 :2015 certification. 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. Social Outreach Programmes: FISAT always uphold its commitment towards society through various programmes

Provide the weblink of the institution

https://www.fisat.ac.in

8.Future Plans of Actions for Next Academic Year

1.To improve the effectiveness of Teaching learning process, the college is planning to offer different add on courses. 2. Initiatives for the improvement of academic results and placements. 3. A training center is set up in the campus in association with government of Kerala, ASAP to equip the students for the demands of industry. Also MOU with various prestigious organisations are under discussion. 4. To promote research and innovation, department research centers are required to be more functional.To strengthen the research center, college is planning to provide advanced software and other computational facilities. 5. College is planning to organize national /international conferences/Webinars. A budgetary allocation for attending competitions, workshops and paper / presentation for students is also under consideration. 6. More social outreach programmes under Departmental Associations will be conducted in order to improve social outlook of the students. 7. Creation of Academic Performance Indicator(API). 8. Fine tuning of OBE for CO attainment. 9. Preparation of perspective plan for NBA. 10. Preparaton for NAAC re accreditation 11. Decentralization of administraton 12. NBA accreditation for Civil Engg., MBA and MCA Programs 13. More social commitment programmes. 14. Apply for NIRF and Atal Ranking of Institutions on Innovation Achievements (ARIIA)