YEARLY STATUS REPORT - 2022-2023

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. Manoj George

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   04842725272

- Mobile no   9447525227

- Registered e-mail   mail@fisat.ac.in

- Alternate e-mail   iqac@fisat.ac.in

- Address   Hormis Nagar, Mokkannoor P.O, Angamaly, Ernakulam

- City/Town   Angamaly

- State/UT   Kerala

- Pin Code   683577

2.Institutional status

- Affiliated /Constituent   Affiliated

- Type of Institution   Co-education

- Location   Rural

- Financial Status **Self-financing**

- Name of the Affiliating University **APJ Abdul Kalam Technological University**

- Name of the IQAC Coordinator **Dr. Unni Kartha G**

- Phone No. **04842725272**

- Alternate phone No. **04842725003**

- Mobile **9846387772**

- IQAC e-mail address **iqac@fisat.ac.in**

- Alternate Email address **unnikartha@fisat.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year) https://fisat.ac.in/iqac/?py=10

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://fisat.ac.in/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.06	2016	05/11/2016	04/11/2021
Cycle 2	A+	3.45	2023	14/03/2023	13/03/2028

6.Date of Establishment of IQAC **15/02/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
ME/ Mr. Renjith R	Academic Project	ISHARE Kochi Chapter	2022 (3 months)	Rs. 50,000/-
S&H / Dr. Arun S	FDP	APJ AKTU	2023 (5 days)	Rs. 1,30,788/-
S&H / Dr. Seena Varghese	International Conference	SERB	2023 (3 days)	Rs. 1,10,000/-
S&H / Ms. Anisha Joseph	Academic Project	APJ AKTU	2023 (2 years)	Rs. 1,05,000/-
ME/ Dr. Harish T M	Academic Project	APJ AKTU	2023 (2 years)	Rs. 1,20,000/-
CE / Ms. Reshma Prasad	Academic Project	National Transportation Planning and Research Centre (NATPAC)	2023 (2 months)	Rs. 26,500/-
CSE / Dr. Prasad J C	Academic Project	KSCSTE	2022 (4 months)	Rs. 10,000/-
CSE / Ms Jyothsna E. D., Dr. Paul P Mathai	Academic Project	CERD , APKAKTU	2023 (3 years)	Rs. 1,16,667/-
CSE/ Ms. LakshmiRaj, Dr. ArunKumar M N	Academic Project	CERD , APKAKTU	2023 (3 years)	Rs. 3,00,000/-

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   [View File](#)

9.No. of IQAC meetings held during the year   **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

Successfully completed second cycle of NAAC second cycle of Accreditation with A+ grade (score 3.45). Successfully completed the NBA Compliance visit and extension of accreditation of 5 departments Submitted application for 2f status Standardised the documentation procedure of the activities of cells/clubs across the campus. Developed guidelines for the conduct of Add-On programs.

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

Plan of Action	Achievements/Outcomes
Conduct of ISO and KTU audits	**ISO and KTU internal and external audits conducted**
Conduct IQAC meetings	**Conducted 4 meetings**
Conduct the peer team visit for NAAC reaccreditation	**Institute is reaccredited with NAAC A+ grade (Score 3.45)**
Conduct the compliance visit for NBA extension of approval	**NBA accreditation of 5 departments got extended for 3 years**
NBA accreditation of CE department	**Submitted the pre-qualifier**

13.Whether the AQAR was placed before statutory body?   **Yes**

- Name of the statutory body

Name	Date of meeting(s)
IQAC	**15/03/2024**

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
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- Name of the statutory body

Name	Date of meeting(s)
IQAC	**15/03/2024**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	**07/03/2024**

15.Multidisciplinary / interdisciplinary

The institution embraces the vision of the National Education Policy, which is to deliver high-quality education in order to develop our country's human resources as global citizens. As an affiliated institution of APJ Abdul Kalam Technological University, minor programs and Honours are offered to equip students in multidisciplinary areas. The institution's research centers provide opportunities for students and faculty to carry out multidisciplinary/interdisciplinary research. Academic programmes provide Multidisciplinary/Interdisciplinary courses as electives, and students can choose electives from different departments. close attention is paid to the process of designing and implementing Add on Courses that have the interdisciplinary flair to create a cohesive and integrated approach to learning. The institution offers several co-curricular activities and research platforms that allow students and academic staff from different disciplinary backgrounds to engage in scholarly conversations around issues of shared interest and importance, while also exploring connections between their majors and other sources of knowledge and experience. Attention to the development of an interdisciplinary curriculum also focuses on out-of-class activities that include Hackathons, Ideathons, FABLAB activites etc. Orientation programs have been conducted to familiarize the faculty members

16.Academic bank of credits (ABC):

As per the curriculum of the affiliating university, students are now able to earn credits in minor and honor programs on successful completion of the MOOC courses through SWAYAM, NPTEL,

etc. Also, all UG students are able to earn activity points for the MOOC courses successfully completed. Being an affiliated institution, FISAT shall abide by the recommendations of the affiliating university in further activities toward the successful implementation of the Academic Bank of Credits.

17.Skill development:

In the first semester itself, the institution offers skill development courses as part of the curriculum of the affiliated university. Practical classes are conducted at the language lab as part of courses like life skills. Soft skill training is provided to students, focusing on the development of abilities including communication, teamwork, problem-solving, and establishing a positive attitude. In order to provide students with skill development courses, the institution is also aiming to collaborate with the Additional Skill Acquisition Program (ASAP) of the Government of Kerala. Professional society chapters that are engaged in the institution are actively promoting programmes for the students' skill development. By integrating industry requirements into the curriculum, add-on courses help students get ready for the workforce when they graduate.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institution gives Indian knowledge systems and culture a lot of importance. Every event and classes at the college starts with a prayer in the local language. Festivals like Onam and Ethnic Day are fervently observed to promote Indian culture. Indian art forms are performed during college-hosted arts events. Universal Human Values, Professional Ethics, and other similar ideas are introduced to students either as part of their courses or in other ways.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The institution follows outcome-based education, and in 2020, the National Board of Accreditation accredited five of its programmes. The college adheres to the affiliated university's curriculum. Using the Revised Blooms Taxonomy, faculty members define COs for courses COs have not yet been defined by the university. All evaluations are linked to the appropriate COs. The attainments of course outcomes are calculated once they are mapped to programme outcomes (PO) and programme specific outcomes (PSO). At the beginning of each semester and at the time of admission, teachers explain COs, POs, and PSOs to the students. Exit surveys from courses and programmes are undertaken and used

`to assess how well COs, POs, and PSOs are achieved`

20.Distance education/online education:

`The college does not currently offer any programme through distance learning. Every instructor now uses ICT for online learning and has embraced cutting-edge teaching-learning methodologies. Students and faculty members use MOODLE, LMS (FISAT EDX), video lectures, Google Classroom, and other ICT tools. Faculty members attend workshops on ICT enabled teaching learning. The institution encourages faculty and students to take advantage of the online learning opportunities provided by the NPTEL and SWAYAM platforms.`

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**461**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**2876**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**186**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**834**

File Description	Documents
Data Template	View File

3.Academic

3.1	**190**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	**190**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**81**
Total number of Classrooms and Seminar halls	
4.2	**1315.099**
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	**1107**
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

As an affiliated institution of APJ Abdul Kalam Technological University, FISAT ensures effective curriculum delivery through well planned and documented process. FISAThas implemented OBEand CBCSwithin the framework provided by the university. Additional programs like B Tech Honours, BTech with Minor, Value added

programs are offered to enrich the curriculum.

The various stages in the curriculum delivery are:

Preparing institution and department calendar adhering to the academic calendar provided by the university

Planning and monitoring curriculum and course delivery throughIQAC, Academic Council, DQAC, PAC, CAC

Faculty competency based subject allocation Centralised time table preparation

Preparation of Course delivery planand course delivery, attendance, assessments etc through ERP

ICT enabled teaching using content delivery platforms EDX called FISATX, virtual meeting tools like Google Meet and learning management systems like Moodle & Google Classroom.

Offering additional pedagogical initiatives like flipped classrooms, blended learning, hands-on training in different labs, demonstrations, industry projects and internships, seminars, invited talks etc.

Conducting Class committee meetings, Feedback on curriculum, teaching, and course outcomes each semester and analysing it at institutional and departmental levels

Auditing curricular delivery, suggesting resolutions and documentation by internal and external audits at the level of IQAC, University (ISO Audit.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	[https://fisat.ac.in/college-calendar-and-handbook/]()

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of the academic semester, an institutional calendar is prepared based on the University academic calendar

which details the academic, co-curricular and continuous internal evaluation activities to be followed at the departmental and institutional levels. Internal evaluation components include components like series tests, laboratory or project evaluations, seminars, assignments and module-specific tests. Academic Council decides the dates of the evaluative exams, question papers based on Bloom's taxonomy, answer key, scheme of valuation are prepared to maintain strict confidentiality as per the notified dates, Examination cell coordinates the conduct of the exam like setting a timetable,seating arrangement, invigilator duty, squad teams. Exam halls have surveillance systems and identity cards are mandatory for students' entry to the exam halls. After secure conduct of the exam, answer scripts are handed over to the faculty for completing evaluation within 7 days. The evaluated answer scripts are discussed with students and marks are updated in FISAT Campus Automation System with viewing access to students. Results are analysed and remedial actions are discussed at the department level and by the Academic Performance Monitoring Committee. Adherence to academic calendar including conduct of CIE monitored by internal audit cell, KTU external audit, internal and external ISO audits.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://accreditation.fisat.ac.in/aqar/2022-23/Cr1/112/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

14

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1324

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Being an affiliated institution, all the programs offered by FISAT follow the curricula given by the University (APJAKTU). Syllabi across courses at UG and PG levels integrate cross-cutting issues of Professional Ethics, Gender, Human Values, Environment, and

Sustainability as part of modules or as stand-alone subjects. These principles are also practically disseminated through policy inclusion, co-curricular activities, and value-added programmes.

Professional ethics is imparted through 29. courses in the curriculum and also instilled through Program outcomes and program specific outcomes Awareness programs on Intellectual Property Rights etc are arranged by IPR Cell.

Gender issues are addressed through 6 courses. Functioning of Gender Equity Cell, Women's Cell, active representation of women in the student community and workforce enriches the curriculum with multiple programs.

Human values are dealt with in 11 courses, teachers attend Universal Human Values courses and handle human value classes for first-year students, NSS and SWAN clubs organise extension and social outreach programs supplement the curriculum.

Environment and sustainability are dealt with 24 courses. Nature club helps students to involve in agricultural activities and spreads awareness on Habitat conservation.

The institution promotes the 5R themes of Refuse, Reduce, Reuse, Repurpose and Recycle policy through zero waste and no plastic drives, rainwater harvesting, scientific management of organic and non-biodegradable waste, and wastewater treatment.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

255

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1494

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://fisat.ac.in/iqac/?py=89
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://fisat.ac.in/iqac/?py=89

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

929

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

79

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The induction Program for different courses helps the new studentsadjust to the new environment and inculcates the core values of the institution. Students are given bridge courses to reinforce fundamental concepts.

- Identification of advanced and slow learnersis done throughanalysis of any of these:

Academic history of the student. Bridge Course Performance First Series Test Mentor Feedback

Online quizzes Classroom activities and assessment performance

- Programs for Slow learners:

Remedial classes for difficult subjects Sharing of Self-learning materials like recorded videos, question bank with solutions, etc. Training on communication skills Revision classes before university exams. Peer group systems and collaborative learning with help of advanced learners

Merit cum means scholarships and financial aid toeconomically weak students Strong mentor support.

- Programmes for Advanced Learners:

Support to create smart devices through fabricationlaboratory (FISAT FabLab). Membership of professional bodies (CSI, ASME, IEEE),training for software, languages, competitive exams likeGATE. Financial support for research projects

Mentorship for online courses in MOOC, NPTEL, and Coursera Training to use E-resources in INFLIBNET, N-List, DELNET Participation in national seminars, workshops, and paperpublication in IEEE journals and Springer. Merit-based

scholarships, prizes, and certificates toadvanced learners. Participation in National and state-level intercollegiatecompetitions

File Description	Documents
Paste link for additional information	https://fisat.ac.in/campus-life/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2876	190

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Through an ICT-enabled campus, IP-enabled library facilities,sophisticated tools and Learning Management Systems, teaching-learning in FISAT ensures active student involvement.Faculty adopt innovative teaching-learning methodologies and pedagogy tools to enhance the learning experiences.

- **Experiential learning activities through**

State of art laboratories and mini fabrication labs (FabLab) e-learning facilities including the NDLI club, digitallibrary, e-books, e-journals, e-databases, NPTEL chapter,etc. Industry-powered centres like Centre for Robotics – eYantra, Field visits, industrial visits Funded projects, technical publications. Mini projects and design-based experiments beyond syllabus. Virtual games and board games to simulate real marketscenarios. Apps and softwares developed by students to support e-Governance

Computer assembling, system maintenance by students Community service and extension activities

- **Participative Learning through**

Flipped classrooms

Mini, design and major projects Class presentations, participation in national,international conferences, seminars Field visits & industry visits Invited Lectures Interactive quizzes Think-pair-share Study circles Group discussions, debates, seminars Computer hardware assembling and maintenance by students Agricultural initiatives with student involvement. Project expos

- **Problem-solving through**

Workshops, laboratory experiments, case studies, hackathons,field/industrial projects. Internships, industry-based mini, major projects Peer learning, group tutorials, collaborative learning Research publications in Springer, IEEE. Brainstorming, Survivor Scenarios, Moral Dilemma Contexts, etc.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://fisat.ac.in/clubs-cells-and-associations/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

FISAT provides 1GBPSinternet leased line (1:1) and wi-fi.Internet can be accessed anywhere in the campus. A dedicatedfirewall is implemented. Wi-fi facility is available through Aruba HP Access Points.

- **Teaching & Learning pedagogical methodologies use ICT tools likeprojectors, smart boards, smart televisions and other online toolsfor the preparation of presentations and demonstrations andtraditional black board teaching, powerpoint presentations, videolectures and collaborative learning methods using MOODLE,Google Classrooms, flipped classrooms etc.,**
- **Online training and certification from NPTEL, Coursera etc.**
- **FISAT is NPTEL Local Chapter and thefaculty members mentor students**
- **National Digital Library of India Club (NDLI Club) supports**

all the e-resources such as e-Shiksha, e-books, e-journals etc. Onlinevideos, CDs & DVDs, project and thesis reports are available inlibrary. IP enabled digital library to access e-journals andtransaction papers from IEEE, ASME, ASCE, EBSCO, J-GATE, SWAYAM,DSPACE, DELNET, and SPRINGER and remote access through e-Libraryplatform (Knimbus). 'mLibrarymobile' app offers a multi-format,content delivery App available for both Android and iOS users to access eBook collections, e-Course materials, latest journal issues and multimedia learning content·

- Language Lab in which audio-visual installation is used as an aid in English language teaching

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

116

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

190

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

48

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

2059

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution follows the guidelines given by the affiliateduniversity (KTU) for the conduct and evaluation of internalassessment tests. Two series tests are conducted centrally byexamination cell. The other components of internal assessmentinclude assignment and attendance.

As per the regulations of university, 50 marks out of total marksof 150 is allotted for internal assessment.

The first series exams are conducted after 4-5 weeks and secondseries exams after 8-9 weeks of commencement of classes as perthetimetable issued by exam cell·

Question paper, answer key, evaluation scheme based on COs,Bloom's Taxonomy prepared by the faculty member is verified by Course Assessment Committee, approved by HoD and handed to examcell maintaining confidentiality . Conduct of exams is monitored by CCTVs

The evaluated answer sheets are discussed and verified bystudents within 7 days after the exam.Mark entry is done in FISAT Campus Automation System and progress report is despatched toparents.

Class committee meeting, Academic Performance MonitoringCommittee meetings are conducted to analyse the results and suggesting remedial measures.

Open house and PTA meetings are conducted. Regular audits by internal audit cell, KTU external audit andISO audit.

File Description	Documents
Any additional information	View File
Link for additional information	https://fisat-accreditation.s3.ap-south-1. amazonaws.com/aqar/2022-23/Cr2/2.5.1/

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution has a multi-tier mechanism to address allexamination and evaluation-related grievances arising during CIEand university exams respectively as per the Examination GrievancePolicy.

Institution Level · The evaluation of internal assessment books is

completed inseven days. • The valued answersheets are distributed in the class anddiscussed with the students. Grievances in valuation areimmediately redressed by the faculty in charge and if not resolvedsatisfactorily, it is taken up at the departmental level by Groupadvisor and HoD. • The grievances which are not resolved at this level areredressed by an institution level committee with the Principal asChairman, HOD and Academic Performance Monitoring Committee (APMC)members. . A progress report of internal examination marks is given to theparents in the open house and through the FISAT Campus Automation System

University Examination • For university examinations, grievances can be represented tothe examination committee in charge and also through onlineStudents' Grievances Portal. The institution addresses thesecomplaints at the institution level and informs the university ifrequired.

• Instances of malpractices in university examinations, arereported to the university and dealt with as per universityguidelines existing from time to time.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.5.2/Policy+on+Grievance+redressal+of+Students.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The programme outcome (PO), programme specific outcome (PSO)and course outcomes (CO) of all programmes and courses are made available through

Print media (Student Handbook and Calendar, College andDepartment Newsletters, Course Diary and Lab Manuals)

Digital media (Institution's website and Academic Portal)

The IQAC has made POs, PSOs, and COs part of the coursefile. POs, PSOs and COs are well displayed on the website. POs and PSOs are displayed on the Department Notice Boards,laboratories of the

college, Faculty rooms, HoD cabin,Department library and
Classroom.

The Head of the Department and the group advisors explainvarious
programme outcomes to students right from theinduction meeting.
Faculty members handling courses explain course outcomes andrelate
it to POs and PSOs and also explain the pattern ofquestions in the
internal question papers and its connectionwith the course
outcomes.

Each department has published a booklet for POs, PSOs andCOs and
its soft copy is made available to the studentsthroughFISAT Campus
Automation System. Student Handbook and Calendar, College and
DepartmentNewsletters having POs/PSOs and COs are disseminated
tostakeholders through Open House, PTA meetings, Alumni
meets,Workshops,Conference, Seminars/Webinars and FDPs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://fisat.ac.in/department/computer-science-and-engineering/?py=52
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

COs are evaluated each semester and POs and PSOs every year.

Achievement of POs & PSOs is computed for each
programmeconsidering all COs aligning with each PO & PSO and
theirindividual strength. Achievement of POs are determined by
comparing with prefixedtargets.

Measurement is done by direct and indirect assessment tools like:
For COs, (1). Direct Assessment Tools:

- Theory courses:

1. Internal Evaluation Test, 2. Assignments, Tutorials.

- Practical courses

Observation, Record work of experiments, Viva-Voce End-Semester

Examination

- Course projects

Design Project/ Project review, presentation.

2) Indirect Assessment Tools Course end survey

3) University Examinations

Attainment of CO of all courses against set attainment levels

CO calculation: Target calculation for CO: based on average performance ofstudents in university examinations for consecutive three years and includes 2 parameters 1. Expected Proficiency/Knowledge (EP): average grade secured byat least 50% of total students in last three years. 2. Expected Attainment (EA): average attainment of previous threeyears multiplied by 1.05 (5% rise every year).

CO attainment calculation: Direct-method:40% University 50% Indirect-method:10%

PO and PSO assessment: 1. Direct methods: 80% weightage Internal, practical and university examinations, assignments,project evaluation, comprehensive viva, seminar 2. Indirect methods: 20% weightage Program Exit Feedback, Alumni Survey

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.6.2/

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

715

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.6.3/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://fisat.ac.in/campus-life/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

9.68955

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

21

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://ktu.edu.in/home.htm

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Various clubs/cells/centres fosters the culture of innovation inside the campus. ·

- **Innovation Entrepreneurship Development Cell (IEDC): flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurial culture.**
- **Institution Innovation Council (IIC): exposes young professionals to new ideas and processes.**
- **Federal Labz (Incubation Centre): provide necessary guidance, tech support, infrastructure, networking.**
- **FISAT FabLab: small-scale workshop offering digital fabrication facilities.**
- **Centre for High Performance Computing (CHPC) aims at building a supercomputing lab working at several gigaflops speed**
- **FFSC - FISAT Free Software Cell dedicated to promoting, development of free software**

- **Centre for Research and Innovations in Signal Processing (CRISP): supports DSP projects, DSP Research & Development.**
- **Centre of Excellence on Robotics and IoT: nodal centre for Project eYantra by IIT Mumbai and eLSI lab. Research areas: Robotics, IoT, AI, ML, Sensor Fusion.**
- **Instrumentation Research and Consultancy Centre (IRACC): conducts various research activities in the field of applied sciences and Instrumentation.**
- **Centre for Advanced Research in Power Converters (CARPC): aims at developing efficient, high-performance power converters and controllers**
- **Centre for Automotive and Allied Research (CAAR): provides state of the art research, testing facilities in automobile field**
- **Centre for Advanced Computational Research (CACR): supports enhanced learning in Structural analysis and Computational Fluid Dynamics**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/research/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

`11`

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

22

File Description	Documents
URL to the research page on HEI website	https://fisat.ac.in/college-research-cell/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

25

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

67

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution has initiated various extension and outreach

activities for the neighborhood community. The major activities include

Several programs were organized by the NCC unit of FISAT including

Human Chain for Anti Drug Campaign : A human chain was formed along the premises of the college covering about 2km as a part of anti drug campaign. Both NCC and NSS joned their hands together and took oath together to develop a better society and to stop the usage of drugs amongst youngsters. The program was conducted on 1 November 2022

Food Distribution atTaluk Hospital as part of NCC day celebration on 25 Novmeber 2022

Drug Abuse Tableau at MokkannoorTown : The Drug Abuse Tableu presented by the FISAT NCC unit at Mookkannoor town was a compelling display aimed at raising awareness about the devastating consequences of drug addiction

File Description	Documents
Paste link for additional information	https://fisat.ac.in/clubs-cells-and-associations/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

17

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1994

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

52

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

16

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institution has a well-maintained lush green campus with an area of 25 acres and total built-up area of 55838.1 sq.m facilitated for teaching and learning, which include spacious classrooms, tutorial rooms, drawing halls, seminar halls with ICT facilities, auditorium, conference room, boardroom, recreational rooms, 1094 computing systems, smart boards, LCD projectors, LED TVs, Media Lab with e-content development facilities., Wi-Fi access points and internet lease line facility of 1GBPS to enable high-speed network connectivity, laboratories, and workshops.

The institution has central library, department libraries, print

and e-journals, NDLI club membership, digital library, Knimbus, m-library mobile app, reprographic facilities, central computing facility consisting of nine labs with 500 Computers all with Intel Core i5 / Core i3 Processors / 4GB RAM/ 8 GB RAM/18.5" TFT Monitor, Debian GNU Linux and Ubuntu Operating Systems.

Affordable and quality residential accommodation to 1200 students is provided on campus. 24x7 electricity & water, Wi-Fi, laundry facility, regular upkeep and cleaning, healthy food, ambulance, medical clinic are available in the campus.

Canteen provides healthy meals, transport fleet consists of 30 buses to provide safe

transportation to students. A branch of Federal Bank located very close to the institution and an ATM inside the campus.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/facilities/

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Institution provides adequate facilities for holistic development of students. Two multipurpose open air stages in two courtyards at the north and south block are available for conducting cultural activities like programs teasers, flash mobs, street plays,

dramas, mimes etc.

Four spacious halls with audio visual aids, lighting and other facilities for conducting programs like intra collegiate and intercollegiate technical and cultural fests

Sports facilities:

Separate Fitness Centres for boys and girls with an area of 5000

Sqm.

Football ground with an area of 90 Mts X 45 Mts

Handball court with 40Mts X 20 Mts

Kho kho Court are of 30mts X 20 mts

Kabaddi court area of 15mts X 15 Mts

Cricket Field (Oval) comprises of 130 Mts X 120 Mts

2 cricket net practice facility with area of 4 Mts X 24 Mts.

Table Tennis Room comprises 2 Table tennis Tables with an area of 1500 Sq. Mt.

2 volleyball courts (1 Acrylic & I Natural turf) covering 1065 Sq.m.

1 Acrylic basketball courts covering 704 Sq. Mt.

4 badminton courts covering 4400 Sq. Mt.

Jogging tracks

Fitness centre with Full-time trainers

Full-time physical education faculty, Part-time Coaches for Football, Cricket, Basketball, Volleyball

Qualified yoga trainers

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://fisat.ac.in/facility/facilities/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

81

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://fisat.ac.in/facility/facilities/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

193.709

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The institution has a fully automated Main Library covering a total area of 2054.34 sqm with modern software and an OPAC system, providing excellent learning resources, catering to the needs of students, faculty, and researchers along with nine department libraries. A repository of learning materials of NPTEL and access to various journals from 5002 libraries in South Asia through DELNET is available.

The institution has RFID-enabled library circulation and Web OPAC along with barcoded books and smart card-enabled library transactions. Using Online Public Access Catalogue (OPAC) library users reserve books, check attendance, university and internal exam marks, syllabus, etc. Previous university question papers are available through the digital library.

The library procures and ensures effective use of the latest hard/soft copies of books, journals, documents, reports, and other learning resources. It has National Digital Library Club (NDLI Club) membership

Provides access to online databases of IEEE, ASME, ASCE, Elsevier Science Direct, EBSCOHost, SWAYAM Engineering, DSPACE, DELNET, NDLI and EBSCO e-books

e-Library platform (Knimbus) helps access digital library facilities (E-Journals and Ebooks) from anywhere.

The Mobile eLibrary App 'mLibrary' offers a multi-format, content delivery app to access eBooks, latest journals, and multimedia learning content remotely.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://fisat.ac.in/library/

4.2.2 - The institution has subscription for the **A. Any 4 or more of the above**
following e-resources e-journals e-
ShodhSindhu Shodhganga Membership e-
books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

25.15493

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

136

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

FISAT provides state-of-the-art IT infrastructure comprising computing equipment, server, software, and internet facilities.

Fast browsing facilitated through High speed internet facility through 500mbps (BSNL), 500mbps (Asianet)

Internet can be accessed anywhere on campus enabling web-based learning. Wi-Fi facility is also available through Aruba HP Access Points across the campus

FISAT Campus Automation System developed in-house satisfies the demands of Campus in the areas of Academic, Accounts, Fee Module, HRM and Intranet. The sysme is updated on a regular basis.

Licensed and open-source software available for student academic requirements

Fortinet-200e Enterprise Firewall Solution delivers end-to-end network security

1107 computers connected with Wi- Fi/LAN

8 dedicated servers exclusively for library and labs

KOHA software with cloud server facility for automation of library.

E-learning support in Digital library with 51 computers.

Remote access of digital resources in library using mLibrary app and Knimbus

Multimedia centre with state-of-the-art facilities.

Bulk SMS service to communicate with parents and stakeholders.

Availability of Learning Management Systems like edX, Moodle, G Suite, Webex, AWS

Biometric devices & security systems with CCTV camera surveillance.

Autonomous research centre in cluster computing using free and open-source technologies and computing resources using indigenously built high-performance computers - Dhakshina

The institution has an online complaint tracking system

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/it-infrastructure/

4.3.2 - Number of Computers

1107

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

540.63

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has established systems, procedures, and manpower for the maintenance of physical, academic and support facilities.

Stock and maintenance registers are kept in all departments. Stock verification is conducted periodically for all capital stock. Maintenance of equipment like generators, UPS, general lighting, power distribution system, solar panels, STP, workshopsare assigned to specific teams. AMC signed for Generator, Elevator, Air Conditioners, CCTV cameras, and Water purifiers. Cleaning of classrooms and laboratories assigned to the housekeeping staff. Construction and maintenance is taken care of by a dedicated civil supervisor. Hazardous materials and concentrated acids in labs are kept safely. Safety is ensured through goggles, masks, first aid

kits, and fire extinguishers. Computer labs are climate-controlled. Antivirus software and Cyberoam firewall provide security. The support team regularly updatescomputers. ICT enablement equipment like Projectors, computers, printers, photocopiersare serviced and maintained by a dedicated team. Wi-Fi is maintained by service providers like BSNL and Asianet. The website committee maintains the Institution's website.

Library books are marked, classified and positioned for easy retrieval using KOHA and checked periodically for damages.

Sports equipment, gymnasium, playground are supervised and maintained by the Physical Education department. Ground levelling and other repairs are done annually.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://fisat.ac.in/campus-life/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

743

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

491

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://fisat.ac.in/campus-life/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

121

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

121

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

259

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

54

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

23

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

42

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Student representation and engagement at FISAT involves the activecontribution of students in decision-making by representations in the various organisations, committees and cells in the college.The institution has an apex student body called Student Council,democratically elected every year as per the norms of theuniversity. The students contribute towards the decision-making process andparticipate in institution building as stakeholders through thefollowing bodies:

IQAC, Sports Council, Anti-Ragging Cell, Internal ComplaintsCommittee, Department Advisory Committee, Internal ComplaintsCommittee, Library Advisory Committee, Hostel Committee, ClassCommittee, Placement and Training Cell, Student Welfare Committeeand Women Cell. FISAT extensively supports student involvement and ensures activestakeholder participation through professional societies and cells. Professional Societies include IEEE, ASME, SAE, ISHRAE, ISTE, ACM,CSI, ASCE, ICI, ISA, IEDC, KBAIC, and ASAP. Department Cells include ELECTRA, FIESTA, IDEA, THYRA, SAME, ACE,ECHO, FCS, FFSC, and FORUM. Technical Cells include SPARC, IEDC, IIC, SDC Club, ETWC Club, Energy Audit Cell, Hobby Club, Maths club, and NDLI Club.

Arts, Literary and Social Outreach Cells include the Arts

club,Sports club, Rolling Stone Literary Club, NSS, and SWAN
Nature Club. Student contribution and representation is encouraged
in 2research cells viz., CRC and CCRC and institution and
department newsletter publications

File Description	Documents
Paste link for additional information	https://fisat.ac.in/student-council/
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

160

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

FISAT considers our alumni as the torchbearers of the
institution.The alumni association of FISAT called FISTAA
contributessignificantly to the development of the institution
throughfinancial and other support services. The Alumni
Association ofFISAT has regularly conducted alumni meetings to
reconnect withalumni and celebrate their achievements and success.
Alumnicontribute to the development of their junior students by
givingtechnical talks, and webinars, on topics related to the
latesttrends in the industry and sharing their experiences in
reachingtheir goals. Alumni also give share their experience in

utilizinghigher education opportunities in India and abroad. Alumni areappointed as members of various institutional bodies like IQAC,department advisory boards, evaluators in project exhibitions,judges and resource persons in technical and management fest, etc.Alumni also make generous contributions to helpstudents and staffmembers requiring costly emergency medical treatments. Alumni alsocontribute to the curriculum design process and also help tomentor students' projects in the start-up and incubation centre.Alumni also help with preparing pre-final and final-year studentsfor placement by conducting mock technical and personalinterviews, and group discussions using Skype, WhatApp, etc. Periodic feedback on the curriculum is given by the alumni.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/alumni/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Yes.

FISAT was established in 2002, by the Federal Bank OfficersAssociation as a professional institution,focussed on excellence.Managed by a trade union on a 'not-for-profit basis', Theresources and profits generated in the institution are ploughedback for the betterment of the staff and students of FISAT.

Vision

• To become a world-class professional institute with a focus onexcellence, moulding committed global professionals

andtechnocrats who can meet the demands of business, industry, andresearch.

Mission • To transform into an advanced centre of technical education,which will, in turn, bring out professionals with superior skillsand social commitment. • To provide state-of-the-art facilities to mould brilliant youngtalents, enabling them to take up challenging assignments in thehighly competitive global scenario. FISAT's strong leadership executed through well-defined systemsand organizational structure

Governing Body Apex statutory decision-making body headed by the Chairmanto look after the overall development of the institution Internal Governing Council Headed by the Principal, the Internal Governing Councilcomprises Vice Principal, Dean Academics,AdministrativeOfficers and other nominated members. Academic Council Governs the academic functioning of the Institution.

IQAC Initiates, plans and supervises various activities that arenecessary to increase the quality of the education impartedby the institution.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.1.1/6.1.1.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Yes, Ever since the inception of the institution, theadministration is carried out effectively through a decentralized mechanism. This inclusive and participatory approach promotes anenvironment of solidarity and mutual respect which ensures thesmooth functioning and growth of the institution.

- The Management Committee of FISAT as the apex body of theinstitution formulates the overall policies for theinstitution.
- The Academic Council oversees the implementation of policiesand day-to-day activities.

- **Functional autonomy is given to the Heads of the Departmentsand they are authorized to independently conduct the day-todayfunctioning of their department in consultation with thefaculty members.**
- **The staff members of the institution participate in thedecision-making by expressing their opinions and concerns inthe general staff council meetings and through variouscommittees.**
- **Participation of students is ensured in the governance ofthe institution through the student council and variousclubs and associations.**
- **Recommendations and suggestions are invited from thestakeholders before the policy formulations. Staff Meetings,Students Council Meetings, IQAC Meetings, PTA meetings, andAlumni Meetings are conducted to pool opinions andproposals.**

File Description	Documents
Paste link for additional information	https://fisat.ac.in/academics/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes, The institution strives to provide quality and inclusiveeducation with the help of its stakeholders through effectivelydeployed strategic / perspective plans.

The IQAC in consultation with the academic council formulated a strategic plan for the period. The short-term goals are classified into major goals mainly:Admissions & Selection, Teaching – Learning System, Facultyexcellence, Student outcome and Infrastructure & e-Governance. The strategic long-term plan of the institution 2016-2030 strivesfor achieving the aspiration of becoming a Centre for Excellence by 2030. The institution has a well-drafted strategic plan "Aspirations2030" which lays out the short-term and long-term plans of theinstitution. As envisioned in the plan, the institution has taken steps todevelop software and programmes to facilitate an automated andself-reliant Management Information Systems. An expert committeehas been formed to monitor the implementation of the system.

The institution has also set up committees to enhance

theinfrastructure facilities with a vision to introduce new coursesand improve the academic-industry linkages through research,consultancy and projects.The combined effort of the stakeholdersand the clear vision and plan of the management help theinstitution to achieve the plans and goals.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://fisat.ac.in/iqac/?py=82
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institution has well-defined procedures and policies forrecruitment and promotion. The appointment and service rules forteaching and non-teaching staff are well laid down in the HRpolicy document. The Managing Committee: The institution has a well-functioningorganizational structure managed and administered by the FBOAES. Governing Body As per the guidelines of AICTE, the Governing Body was formed byincluding Members from Managing Committee, Officials of theCollege, Experts in Technology/Education, Representatives of University, State Government and AICTE. TheGoverning Body prepares, provides, and revises the functioning ofvarious committees in administering the institution. Internal Governing Council The Managing Committee is the apex body with regard to the mattersin policy making. It also sets a framework for the implementationof the proposed plans. It recommends strategic plans that can beadopted in matters like infrastructural development, enhancementof quality in academics, promotion of research, welfare measures for staff and students and healthy practices. Principal: The principal who is the executive head of theinstitution is entrusted with the responsibility of managing theday-to-day affairs of the institution. IQAC initiates quality enhancement and sustenance measures for theimprovement of teaching, learning and assessment practices of theinstitution. Academic Council takes appropriate measures for the implementationof the strategic plan. It also takes major decisions regarding theday-to-day administrative and academic affairs of the institution. Committees and Cells: The administration of the institution issupported by a number of committees and cells

File Description	Documents
Paste link for additional information	https://fisat.ac.in/governing-body/
Link to Organogram of the institution webpage	https://fisat.ac.in/organogram/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Pension The Management has introduced contributory pension for the entire staff on 2019 January. Mediclaim

Medical Insurance coverage is provided for the staff and familymembers with a coverage of 3 lakhs rupees. Staff Recreation Activities and Gifts The Management sponsors events like yearly staff tour, family get together,Teachers Day, Institution Day, Sport Day, Cultural fests etc. Gifts are given to the staff members on Onam, New Year and Institution Day.

Extraordinary Relief Measures The Management takes extraordinary relief measures including rebuilding houses for staff members which were destroyed during the flood. Other Employee Benefits An interest-free loan to purchase laptops. Free in- house medical consultation facility on every Thursday.

The agricultural products harvested from the institution are provided at extremelysubsidised rates. Financial assistance is given to teaching staff for attendingconferences and training in India and abroad. Welfare Measures for Kith and Kin of the Staff Members The Management provides free or subsidised education for thechildren of deserving staff members.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.3.1/6.3.1.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

7

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

138

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A self-appraisal will serve as a reflection of the facultymember's performance and facilitates a means for continuous improvement in one's career. The self-appraisal form, called theAcademic Performance Indicator (API) is filled up by all teachingstaff in

the month of June every year. Academic Performance (API)is a measure, indicating the overall performance of a facultymember mainly in three categories. Category I: Teaching, Learning and Evaluation-Related Activities Category II: Co-Curricular, Extension and Professional DevelopmentRelated Activities. Category-III: Research and Academic Contributions

The individual faculty member has to award his/her self-assessmentscore for each of the items based on objectively verifiablecriteria wherever possible. Supporting documents are attached, asrequired. The score awarded has to be verified by the HoD and willbe finalized by the Principal/Chairman, after assessing thefaculty through the interaction with the management team, with alloriginals, of the certificates. The best teacher award and bestnon-teaching staff award are presented every year so as tomotivate and inspire all.

Non-Teaching staff: The Non-teaching staff fills up a proforma forincrement which is then submitted to the concerned Section in-Charge. After adding the Section Head's remarks on the performanceof the non-teaching staff for the last year, the form is endorsedby the Principal and submitted to the management.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.3.5/Policy+on+Faculty+Appraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

FISAT believes in creating and maintaining a sound financial and accounting system for safeguarding the interest of stakeholders,by inculcating an efficient mechanism to administer the financial system. The finance committee convenes meetings on need-based/at periodic intervals to discuss and deliberate on finance management. The accounts relating to the previous year are carefully scrutinized prior to the preparation of the financial budget for the next financial year. (i) Internal Audit - Internal auditors are appointed by the Management Committee and the term of

service for the auditors is one year. Internal auditors perform audits on a monthly basis.They check the documents and close the previous month's transactions after verification. A consolidated monthly statementof revenue and expenses is prepared and submitted to the management. (ii) External Audit (Statutory) – The institution conducts statutory external audits after the close of the financial year. The external financial audit is done by an experienced Chartered Accountant who is appointed for a tenure of two years by the Management after getting approval in the Annual General Body Meeting. The external auditor examines the Books of accounts to formulate a fair opinion of whether the institution keeps proper books of accounts. The audited financial statements are published on the institution's website.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/audited-statements/
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.5

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Principal asks the Accounts Department to consolidate thebudgets submitted by the departments and cellsand submit them tothe Management Committee for approval and allocation of funds. Thebudget allocation is made for a specific financial year and it isutilized during the same financial year itself. In the case ofinfrastructure projects, fund utilization happens over a

longerterm.

Sources of Funds The institution funds its endeavours through a combination of: Earned Income - The main source of the earned income of theinstitution is the fees collected. The hostel fee also becomes amajor part of the funds earned.

Funds Raised - Funds are also mobilized by the institution forvarious activities. funds received as sponsorship for variousstudent activities, consultancy services, faculty developmentprogrammes, workshops and seminars conducted by departments.Alumni contribution is also a fund-raising strategy. On holidaysthe institution building/computer lab is rented out to governmentand public sector agencies for the conduct of various programmes and examinations. Grants Received from Government and Non-Government Agencies – The faculty members and different cells of the institution receive grants for research and innovation under various schemes ofGovernment and Non-Government agencies. Utilization – All the funds received are routed through theaccounts of the institution so that the funds mobilised are employed for the purpose for which it was mobilized. The salary ofthe staff is disbursed through the Federal Bank.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/grants-and-funded-projects/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of FISAT has taken post-accreditation quality assurance measures that are integrated with the institution's system toattain the goals of quality improvement and sustenance. IQAC ensures consistent, conscious, and catalytic improvement in the academic, non-academic, and overall performance of theinstitution. IQAC at FISAT is a facilitative and participativeunit that works with faculty members to come up with the best teaching methods. The various quality assurance strategies and processes initiated and implemented by IQAC include setting upquality benchmarks and parameters for different academic,operational, and administrative activities, promoting a participatory teaching-learning process,

encouraging feedback fromstudents, parents, and other stakeholders regarding quality related processes in institutions, documenting various qualityimprovement programs and activities, conducting inter and intra institutional workshops and seminars to discuss quality education,maintaining an institutional database, etc.

- **Successfully completed second cycle of NAAC second cycle of Accreditation with A+ grade (score 3.45).**
- **Successfully completed the NBA Compliance visit and extension of accreditation of 5 departments.**
- **Submitted application for 2f status**
- **Standardised the documentation procedure of the activities of cells/clubs across the campus.**
- **Developed guidelines for the conduct of Add-On programs and facilitated Add on courses for every students**

File Description	Documents
Paste link for additional information	https://fisat.ac.in/iqac/
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching learning process, structures& methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded theincremental improvement in various activities as follows.

- **IQAC has laid out clear education practices for the institutionwhich are planned and executed efficiently through theparticipation of various stakeholders.**
- **IQAC conducts several workshops and audits to help the staff andstudents to continuously perform.**
- **IQAC facilitates interdepartmental collaborations in academics,research and co-curricular activities. Also, frequent assessmentand feedback from stakeholders eliminate any communication gapthat can hamper the education processes.**
- **Organised Documentation:IQAC enables faculty members to create authentic documentation andmaintain proper records in case they are required for futurereferences.**

- **Focus on Research & Development:IQAC takes necessary measures to motivate faculty members to focuson research & development as well. This includes application forfunding, research centres, projects and consultancy work etc.**
- **Greater Transparency:The IQAC team verifies all the evidence, documents, and recordsfrom time to time.**
- **Professional Activities:To help students improve their academic and non-academic skills,the IQAC committee conducts regular lectures and programs ofprofessional leaders and experts from different fields.**

File Description	Documents
Paste link for additional information	https://fisat.ac.in/iqac/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://fisat.ac.in/iqac/?py=134
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Being affiliated with KTU, the institution offers a wide range of courses for UG and PG programmes that address gender equity and sensitisation. Apart from this, the institution has a Gender Equity Cell.The institution also has Women's Cell, Anti-Ragging Committee and Internal Complaints Committee which prepare students to have an inclusive attitude in society, be aware of their social and civic responsibilities and be sensitive to gender issues with zero tolerance towards sexual harassment. The major activitiesto promote gender sensitivity and equity include

- Sports and physical training infrastructure in boys and girls hostel
- Male and Female trainer for sports and physical fitness
- Women entrepreneurship activities
- A well-qualified female clinical psychologist is appointed for ensuring the mental well-being of students
- Colloquy and seminars on Women Empowerment, Welfare Laws, Consumer Protection Laws,
- Cyber Security, Anti-Narcotics and Child Welfare Fire safety trainings and other safety awareness training programs are organized for staff and student of both the gender
- Common room facility is provided for boys and girls.
- Sick room with first aid kits and four beds is arranged at the ground floor of North block.
- Wheel chair facility is also available
- Special toilets are also available for differently abled students

File Description	Documents
Annual gender sensitization action plan	https://fisat-accreditation.s3.Gender sensitization Plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://fisat.ac.in/facility/hostel/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institution has established an integrated sustainable waste management approach that minimizes waste production and provides economic benefits through scientific waste management.

Solid Waste Management

- **Separate colour coded bins for different types of wastes are placed throughout the campus at important vantage points for proper collection and segregation of wastes. This prevents any intermixing of wastes and is beneficial in utilization and recovery of components through sustainable waste management.**
- **The use of single use plastic is strictly banned within the campus. The institution follows green protocol for all its official and public meetings, seminars and conferences. The institution has established a plastic free zone around the campus.**
- **Plastic bottles are collected by the students and recycled by using as planters in our garden or recycled.**

Liquid Waste Management

- **The institution has installed a sewage treatment plant to manage liquid waste.**
- **Liquid waste from various sources is treated with bleach and decontaminated prior to discharge.**

Bio-Medical Waste Management

- **Red coloured bins are kept at the toilets and various locations to collect the used masks, cotton, sanitary pads and any other bio-medical waste.**

E-Waste Management

- **A minimal e-waste generation is ensured by optimal and periodic maintenance of computers and other electronic peripherals.**

Waste Recycling System

- **The institution generates over 150 kg of solid and semisolid waste, in the form of left-over food and remains of vegetables and fruits. The same is used for generating electricity and fuel through biogas plants.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[View File](#)

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

FISAT has made a considerable amount of effort to cater the students from different states, castes, creeds & religions. At the beginning of the academic year, all the first-year students are taken through an induction program, which highlights the importance of inclusiveness, and respect for different cultures, castes and creeds. Elaborated human values and ethics are discussed and debated during the induction program. Students are informed during the induction program about the usage of social media and the ill effects of posting inflammatory messages on social media. The institution organises special student development programs on the Fundamental of Computers for students coming from a rural background and having low computer skills.

- Every year the institution sponsors NSS students to attend National Integration Camp.
- Commemorates "Gandhi Jayanthi", "Independence Day", "Republic Day" and "National Unity Day", to highlight the importance of Peace, Unity and Diversity.
- Visits to Old-Age Homes and orphanages in which students and faculty members take active participation in distributing materials, cleaning activities, etc.
- Value-based learning for students is facilitated by conducting life-skill training sessions and tour programs for lesser privileged.
- Cancer Awareness sessions, Blood Donation camps, and AntiNarcotics campaigns were organized in association with various local bodies and health departments.
- 'A day to remember' – a day celebrated by FISAT students with differently abled children encouraging them to showcase their talents.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	[View File](#)

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

FISAT takes initiative in organizing various events and programmes for molding the students and staff to become responsible citizens by sensitizing them to the constitutional obligations: values, rights, duties and responsibilities of the citizens. Following are the various initiatives taken by the institution.

- **During the first-year student induction program, various sessions on Universal Human Values, Professional Ethics, Fundamental duties, Directive Principles and Responsibilities of citizens are offered by experts.**
- **The institution also offers two courses on Universal Human values and the Indian Constitution as a part of the University Curriculum.**
- **FISAT offers a course on Disaster Management for UG and PG programs as per the university curriculum to raise awareness on the roles and responsibilities of students in potential preparedness and response measures during a natural calamityso as to serve society better.**
- **Every year institution celebrates Republic Day and Independence Day to infuse young minds with a sense of patriotism and nationalistic feelings. The Principal and senior staff members of the institution give messages on fundamental rights & duties. The institution organises essay writing, elocution and patriotic song competitions for students on the topic of fundamental rights and duties of the citizens.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://fisat-accreditation.amazonaws.com/aqar/2022-23/Cr7/7.1.9/7.1.9.pdf
Any other relevant information	https://fisat-accreditation.amazonaws.com/aqar/2022-23/

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students,   teachers, administrators and other staff   4. Annual awareness programmes on Code of Conduct are organized   **A. All of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Activities are conducted in the most appropriate manner to commemorate and celebrate the following days.

- **Gandhi Jayanti Celebrations:The institution celebrates Gandhi Jayanti every year on 2nd October with community services.**
- **National Youth Day Celebrations: National Youth Day is observed on 12th January of every year National Science Day**

Celebrations:

- The institution celebrates National Science Day on 12th June every year.
- Independence Day & Republic Day:As part of this, the National Flag will be hoisted at the institution.
- World Environment Day: NSS unit of the institution in collaboration with various departments organises several activities on World Environment Day which falls on June 5 every year.
- Yoga Day: Highlighting the importance of physical and mental wellness Yoga Day is celebrated every year on June 21st with yoga demonstrations and talks.
- World Earth Day: Various talks emphasizing the need to protect the natural habitat of the Earth to prevent climate changes and natural disasters are held on this day.
- International Women's Day is celebrated on March 8th every year with seminars and discussions on topics related towomen's health, empowerment and security.
- "International Day against Drug Abuse" observed by organising talks in association with the Anti-Narcotics Cell.
- NSS Day is celebrated with a variety of programmes and competitions

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File]()
Geo tagged photographs of some of the events	[View File]()
Any other relevant information	[View File]()

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1 – Innovative practices for Participatory Learning

To enrich the students' learning experiences, FISAT has implemented innovative participatory learning techniques. This would make the teaching-learning activity more effective and foster global competencies among students. To motivate students in this regard, the institution has constituted several cells, clubs

and chapters of professional associations that organise numerous co-curricular activities and events to create a positive attitude and approach among young adult learners. This participatory learning practice of FISAT offers a lot of application-oriented and skill-based activities for students, which helps to develop superior learning, critical thinking, problem-solving, and technology-specific skills.

Best Practice 2 – Social Outreach and Extension Activities

FISAT has a tradition of community engagement, and the institution is always committed to the progress and development of the localcommunity. The institution has been organising several programmes to empower society and help the downtrodden. T FISAT keeps social transformation and justice well above individual prosperity and success. One of the core values of the institution is "social commitment". The institution has organised many programmes to educate and help society through continuous community engagement and extending support. The National Service Scheme (NSS) unit of FISAT and several other clubs and cells organise outreach and extension activities.

File Description	Documents
Best practices in the Institutional website	https://fisat.ac.in/iqac/?py=86
Any other relevant information	https://fisat.ac.in/iqac/?py=86

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

In the realm of engineering education, the institution distinguishes itself through a pragmatic approach to learning and innovation. We prioritise the synthesis of new knowledge with existing expertise, equipping students with the skills to translate theory into practice. Through a variety of experiences such as international and national industrial visits, FABLAB sessions, technical workshops, and project expos, students are provided with hands-on opportunities to apply their learning in real-world contexts.

Most of the courses incorporate projects and hands-on training, preparing students for the challenges of industries. Industry

internships and projects, add on courses in collaboration with industry, bridge the gap between academia and the professional world. Institution has made progress in the direction of Research and development by publishing more patents, Institution level journals and encouraging faculty to publish and undertake research work.

The institution is dedicated to nurturing socially responsible individuals capable of addressing societal challenges through technological and entrepreneurial solutions. State-of-the-art facilities like Fablab and Robotics Lab empower students to gain practical insights and enhance their problem-solving abilities.A vibrant ecosystem of clubs, cells, and technical associations fosters a culture of participative and experiential learning. Collaborations with industries through MoUs facilitate student engagement in consultancy and project works.

Part B
CURRICULAR ASPECTS
1.1 - Curricular Planning and Implementation
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

As an affiliated institution of APJ Abdul Kalam Technological University, FISAT ensures effective curriculum delivery through well planned and documented process. FISAThas implemented OBEand CBCSwithin the framework provided by the university. Additional programs like B Tech Honours, BTech with Minor, Value added programs are offered to enrich the curriculum.

The various stages in the curriculum delivery are:

Preparing institution and department calendar adhering to the academic calendar provided by the university

Planning and monitoring curriculum and course delivery throughIQAC, Academic Council, DQAC, PAC, CAC

Faculty competency based subject allocation Centralised time table preparation

Preparation of Course delivery planand course delivery, attendance, assessments etc through ERP

ICT enabled teaching using content delivery platforms EDX called FISATX, virtual meeting tools like Google Meet and learning management systems like Moodle & Google Classroom.

Offering additional pedagogical initiatives like flipped classrooms, blended learning, hands-on training in different labs, demonstrations, industry projects and internships, seminars, invited talks etc.

Conducting Class committee meetings, Feedback on curriculum, teaching, and course outcomes each semester and analysing it at institutional and departmental levels

Auditing curricular delivery, suggesting resolutions and documentation by internal and external audits at the level of IQAC, University (ISO Audit.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://fisat.ac.in/college-calendar-and-handbook/

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of the academic semester, an institutional calendar is prepared based on the University academic calendar which details the academic, co-curricular and continuous internal evaluation activities to be followed at the departmental and institutional levels. Internal evaluation components include components like series tests, laboratory or project evaluations, seminars, assignments and module-specific tests. Academic Council decides the dates of the evaluative exams, question papers based on Bloom's taxonomy, answer key, scheme of valuation are prepared to maintain strict confidentiality as per the notified dates, Examination cell coordinates the conduct of the exam like setting a timetable,seating arrangement, invigilator duty, squad teams. Exam halls have surveillance systems and identity cards are mandatory for students' entry to the exam halls. After secure conduct of the exam, answer scripts are handed over to the faculty for completing evaluation within 7 days. The evaluated answer scripts are discussed with students and marks are updated in FISAT Campus Automation System with viewing access to students. Results are analysed and remedial actions are discussed at the department level and by the Academic Performance Monitoring Committee. Adherence to academic calendar including conduct of CIE monitored by internal audit cell, KTU external audit, internal and external ISO audits.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://accreditation.fisat.ac.in/aqar/2022-23/Cr1/112/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to	**A. All of the above**

curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

14

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1324

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Being an affiliated institution, all the programs offered by FISAT follow the curricula given by the University (APJAKTU). Syllabi across courses at UG and PG levels integrate cross-cutting issues of Professional Ethics, Gender, Human Values, Environment, and

Sustainability as part of modules or as stand-alone subjects. These principles are also practically disseminated through policy inclusion, co-curricular activities, and value-added programmes.

Professional ethics is imparted through 29. courses in the curriculum and also instilled through Program outcomes and program specific outcomes Awareness programs on Intellectual Property Rights etc are arranged by IPR Cell.

Gender issues are addressed through 6 courses. Functioning of Gender Equity Cell, Women's Cell, active representation of women in the student community and workforce enriches the curriculum with multiple programs.

Human values are dealt with in 11 courses, teachers attend
Universal Human Values courses and handle human value classes
for first-year students, NSS and SWAN clubs organise extension
and social outreach programs supplement the curriculum.

Environment and sustainability are dealt with 24 courses.
Nature club helps students to involve in agricultural
activities and spreads awareness on Habitat conservation.

The institution promotes the 5R themes of Refuse, Reduce,
Reuse, Repurpose and Recycle policy through zero waste and no
plastic drives, rainwater harvesting, scientific management of
organic and non-biodegradable waste, and wastewater treatment.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

255

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1494

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://fisat.ac.in/iqac/?py=89
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://fisat.ac.in/iqac/?py=89

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

929

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC,   ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

79

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The induction Program for different courses helps the new studentsadjust to the new environment and inculcates the core values of the institution. Students are given bridge courses to reinforce fundamental concepts.

- **Identification of advanced and slow learnersis done throughanalysis of any of these:**

Academic history of the student. Bridge Course Performance First Series Test Mentor Feedback

Online quizzes Classroom activities and assessment performance

- **Programs for Slow learners:**

Remedial classes for difficult subjects Sharing of Self-learning materials like recorded videos, question bank with solutions, etc. Training on communication skills Revision classes before university exams. Peer group systems and collaborative learning with help of advanced learners

Merit cum means scholarships and financial aid toeconomically weak students Strong mentor support.

- Programmes for Advanced Learners:

Support to create smart devices through fabricationlaboratory (FISAT FabLab). Membership of professional bodies (CSI, ASME, IEEE),training for software, languages, competitive exams likeGATE. Financial support for research projects

Mentorship for online courses in MOOC, NPTEL, and Coursera Training to use E-resources in INFLIBNET, N-List, DELNET Participation in national seminars, workshops, and paperpublication in IEEE journals and Springer. Merit-based scholarships, prizes, and certificates toadvanced learners. Participation in National and state-level intercollegiatecompetitions

File Description	Documents
Paste link for additional information	https://fisat.ac.in/campus-life/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2876	190

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Through an ICT-enabled campus, IP-enabled library facilities,sophisticated tools and Learning Management Systems, teaching-learning in FISAT ensures active student involvement.Faculty adopt innovative teaching-learning methodologies and pedagogy tools to enhance the learning experiences.

- **Experiential learning activities through**

State of art laboratories and mini fabrication labs (FabLab) e-learning facilities including the NDLI club, digitallibrary, e-books, e-journals, e-databases, NPTEL chapter,etc. Industry-powered centres like Centre for Robotics – eYantra, Field visits, industrial visits Funded projects, technical publications. Mini projects and design-based experiments beyond syllabus. Virtual games and board games to simulate real marketscenarios. Apps and softwares developed by students to support e-Governance

Computer assembling, system maintenance by students Community service and extension activities

- **Participative Learning through**

Flipped classrooms

Mini, design and major projects Class presentations, participation in national,international conferences, seminars Field visits & industry visits Invited Lectures Interactive quizzes Think-pair-share Study circles Group discussions, debates, seminars Computer hardware assembling and maintenance by students Agricultural initiatives with student involvement. Project expos

- **Problem-solving through**

Workshops, laboratory experiments, case studies, hackathons,field/industrial projects. Internships, industry-based mini, major projects Peer learning, group tutorials, collaborative learning Research publications in Springer, IEEE. Brainstorming, Survivor Scenarios, Moral Dilemma Contexts, etc.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://fisat.ac.in/clubs-cells-and-associations/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

FISAT provides 1GBPSinternet leased line (1:1) and wi-fi.Internet can be accessed anywhere in the campus. A dedicatedfirewall is implemented. Wi-fi facility is available through Aruba HP Access Points.

- Teaching & Learning pedagogical methodologies use ICT tools likeprojectors, smart boards, smart televisions and other online toolsfor the preparation of presentations and demonstrations andtraditional black board teaching, powerpoint presentations, videolectures and collaborative learning methods using MOODLE,Google Classrooms, flipped classrooms etc.,
- Online training and certification from NPTEL, Coursera etc.
- FISAT is NPTEL Local Chapter and thefaculty members mentor students
- National Digital Library of India Club (NDLI Club) supports all the e-resources such as e-Shiksha, e-books, e-journals etc. Onlinevideos, CDs & DVDs, project and thesis reports are available inlibrary. IP enabled digital library to access e-journals andtransaction papers from IEEE, ASME, ASCE, EBSCO, J-GATE, SWAYAM,DSPACE, DELNET, and SPRINGER and remote access through e-Libraryplatform (Knimbus). 'mLibrarymobile' app offers a multi-format,content delivery App available for both Android and iOS users to access eBook collections, e-Course materials, latest journal issues and multimedia learning content·
- Language Lab in which audio-visual installation is used as an aid in English language teaching

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

116

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

190

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

48

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

2059

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution follows the guidelines given by the affiliateduniversity (KTU) for the conduct and evaluation of internalassessment tests. Two series tests are conducted centrally byexamination cell. The other components of internal assessmentinclude assignment and attendance.

As per the regulations of university, 50 marks out of total marksof 150 is allotted for internal assessment.

The first series exams are conducted after 4-5 weeks and secondseries exams after 8-9 weeks of commencement of classes as perthetimetable issued by exam cell·

Question paper, answer key, evaluation scheme based on COs,Bloom's Taxonomy prepared by the faculty member is verified by Course Assessment Committee, approved by HoD and handed to examcell maintaining confidentiality . Conduct of exams is monitored by CCTVs

The evaluated answer sheets are discussed and verified bystudents within 7 days after the exam.Mark entry is done in FISAT Campus Automation System and progress report is despatched toparents.

Class committee meeting, Academic Performance MonitoringCommittee meetings are conducted to analyse the results and suggesting remedial measures.

Open house and PTA meetings are conducted. Regular audits by internal audit cell, KTU external audit andISO audit.

File Description	Documents
Any additional information	View File
Link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.5.1/

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institution has a multi-tier mechanism to address allexamination and evaluation-related grievances arising during CIEand university exams respectively as per the Examination GrievancePolicy.

Institution Level · The evaluation of internal assessment books is completed inseven days. · The valued answersheets are distributed in the class anddiscussed with the students. Grievances in valuation areimmediately redressed by the faculty in charge and if not resolvedsatisfactorily, it is taken up at the departmental level by Groupadvisor and HoD. · The grievances which are not resolved at this level areredressed by an institution level committee with the Principal asChairman, HOD and Academic Performance Monitoring Committee (APMC)members. . A progress report of internal examination marks is given to theparents in the open house and through the FISAT Campus Automation System

University Examination · For university examinations, grievances can be represented tothe examination committee in charge and also through onlineStudents' Grievances Portal. The institution addresses thesecomplaints at the institution level and informs the university ifrequired.

· Instances of malpractices in university examinations, arereported to the university and dealt with as per universityguidelines existing from time to time.

File Description	Documents
Any additional information	View File
Link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.5.2/Policy+on+Grievance+redressal+of+Students.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

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The programme outcome (PO), programme specific outcome (PSO)and
course outcomes (CO) of all programmes and courses are made
available through

Print media (Student Handbook and Calendar, College
andDepartment Newsletters, Course Diary and Lab Manuals)

Digital media (Institution's website and Academic Portal)

The IQAC has made POs, PSOs, and COs part of the coursefile.
POs, PSOs and COs are well displayed on the website. POs and
PSOs are displayed on the Department Notice Boards,laboratories
of the college, Faculty rooms, HoD cabin,Department library and
Classroom.

The Head of the Department and the group advisors
explainvarious programme outcomes to students right from
theinduction meeting. Faculty members handling courses explain
course outcomes andrelate it to POs and PSOs and also explain
the pattern ofquestions in the internal question papers and its
connectionwith the course outcomes.

Each department has published a booklet for POs, PSOs andCOs
and its soft copy is made available to the studentsthroughFISAT
Campus Automation System. Student Handbook and Calendar,
College and DepartmentNewsletters having POs/PSOs and COs are
disseminated tostakeholders through Open House, PTA meetings,
Alumni meets,Workshops,Conference, Seminars/Webinars and FDPs.
```

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://fisat.ac.in/department/computer-science-and-engineering/?py=52
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the

institution.

COs are evaluated each semester and POs and PSOs every year.

Achievement of POs & PSOs is computed for each programmeconsidering all COs aligning with each PO & PSO and theirindividual strength. Achievement of POs are determined by comparing with prefixedtargets.

Measurement is done by direct and indirect assessment tools like: For COs, (1). Direct Assessment Tools:

- Theory courses:

1. Internal Evaluation Test, 2. Assignments, Tutorials.

- Practical courses

Observation, Record work of experiments, Viva-Voce End-Semester Examination

- Course projects

Design Project/ Project review, presentation.

2) Indirect Assessment Tools Course end survey

3) University Examinations

Attainment of CO of all courses against set attainment levels

CO calculation: Target calculation for CO: based on average performance ofstudents in university examinations for consecutive three years and includes 2 parameters 1. Expected Proficiency/Knowledge (EP): average grade secured byat least 50% of total students in last three years. 2. Expected Attainment (EA): average attainment of previous threeyears multiplied by 1.05 (5% rise every year).

CO attainment calculation: Direct-method:40% University 50% Indirect-method:10%

PO and PSO assessment: 1. Direct methods: 80% weightage Internal, practical and university examinations, assignments,project evaluation, comprehensive viva, seminar 2. Indirect methods: 20% weightage Program Exit Feedback, Alumni

Survey

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.6.2/

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

715

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr2/2.6.3/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://fisat.ac.in/campus-life/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

9.68955

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

21

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://ktu.edu.in/home.htm

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Various clubs/cells/centres fosters the culture of innovation inside the campus. ·

- **Innovation Entrepreneurship Development Cell (IEDC): flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurial culture.**
- **Institution Innovation Council (IIC): exposes young professionals to new ideas and processes.**
- **Federal Labz (Incubation Centre): provide necessary guidance, tech support, infrastructure, networking.**
- **FISAT FabLab: small-scale workshop offering digital fabrication facilities.**
- **Centre for High Performance Computing (CHPC) aims at building a supercomputing lab working at several gigaflops speed**
- **FFSC - FISAT Free Software Cell dedicated to promoting, development of free software**
- **Centre for Research and Innovations in Signal Processing (CRISP): supports DSP projects, DSP Research & Development.**
- **Centre of Excellence on Robotics and IoT: nodal centre for Project eYantra by IIT Mumbai and eLSI lab. Research areas: Robotics, IoT, AI, ML, Sensor Fusion.**
- **Instrumentation Research and Consultancy Centre (IRACC): conducts various research activities in the field of applied sciences and Instrumentation.**
- **Centre for Advanced Research in Power Converters (CARPC): aims at developing efficient, high-performance power converters and controllers**
- **Centre for Automotive and Allied Research (CAAR): provides state of the art research, testing facilities in automobile field**
- **Centre for Advanced Computational Research (CACR): supports enhanced learning in Structural analysis and Computational Fluid Dynamics**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://fisat.ac.in/research/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

11

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

22

File Description	Documents
URL to the research page on HEI website	https://fisat.ac.in/college-research-cell/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

25

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

67

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution has initiated various extension and outreach activities for the neighborhood community. The major activities include

Several programs were organized by the NCC unit of FISAT including

Human Chain for Anti Drug Campaign : A human chain was formed along the premises of the college covering about 2km as a part of anti drug campaign. Both NCC and NSS joned their hands together and took oath together to develop a better society and to stop the usage of drugs amongst youngsters. The program was conducted on 1 November 2022

Food Distribution atTaluk Hospital as part of NCC day celebration on 25 Novmeber 2022

Drug Abuse Tableau at MokkannoorTown : The Drug Abuse Tableu presented by the FISAT NCC unit at Mookkannoor town was a compelling display aimed at raising awareness about the devastating consequences of drug addiction

File Description	Documents
Paste link for additional information	https://fisat.ac.in/clubs-cells-and-associations/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

6

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

17

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

`1994`

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

`52`

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

`16`

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institution has a well-maintained lush green campus with an area of 25 acres and total built-up area of 55838.1 sq.m facilitated for teaching and learning, which include spacious classrooms, tutorial rooms, drawing halls, seminar halls with ICT facilities, auditorium, conference room, boardroom, recreational rooms, 1094 computing systems, smart boards, LCD projectors, LED TVs, Media Lab with e-content development facilities., Wi-Fi access points and internet lease line facility of 1GBPS to enable high-speed network connectivity, laboratories, and workshops.

The institution has central library, department libraries, print and e-journals, NDLI club membership, digital library, Knimbus, m-library mobile app, reprographic facilities, central computing facility consisting of nine labs with 500 Computers all with Intel Core i5 / Core i3 Processors / 4GB RAM/ 8 GB RAM/18.5" TFT Monitor, Debian GNU Linux and Ubuntu Operating Systems.

Affordable and quality residential accommodation to 1200 students is provided on campus. 24x7 electricity & water, Wi-Fi, laundry facility, regular upkeep and cleaning, healthy food, ambulance, medical clinic are available in the campus.

Canteen provides healthy meals, transport fleet consists of 30 buses to provide safe

transportation to students. A branch of Federal Bank located very close to the institution and an ATM inside the campus.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/facilities/

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Institution provides adequate facilities for holistic development of students. Two multipurpose open air stages in two courtyards at the north and south block are available for conducting cultural activities like programs teasers, flash mobs, street plays,

dramas, mimes etc.

Four spacious halls with audio visual aids, lighting and other facilities for conducting programs like intra collegiate and intercollegiate technical and cultural fests

Sports facilities:

Separate Fitness Centres for boys and girls with an area of 5000 Sqm.

Football ground with an area of 90 Mts X 45 Mts

Handball court with 40Mts X 20 Mts

Kho kho Court are of 30mts X 20 mts

Kabaddi court area of 15mts X 15 Mts

Cricket Field (Oval) comprises of 130 Mts X 120 Mts

2 cricket net practice facility with area of 4 Mts X 24 Mts.

Table Tennis Room comprises 2 Table tennis Tables with an area

```
of 1500 Sq. Mt.

2 volleyball courts (1 Acrylic & I Natural turf) covering 1065
Sq.m.

1 Acrylic basketball courts covering 704 Sq. Mt.

4 badminton courts covering 4400 Sq. Mt.

Jogging tracks

Fitness centre with Full-time trainers

Full-time physical education faculty, Part-time Coaches for
Football, Cricket, Basketball, Volleyball

Qualified yoga trainers
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/facilities/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

81

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/facilities/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

193.709

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The institution has a fully automated Main Library covering a total area of 2054.34 sqm with modern software and an OPAC system, providing excellent learning resources, catering to the needs of students, faculty, and researchers along with nine department libraries. A repository of learning materials of NPTEL and access to various journals from 5002 libraries in South Asia through DELNET is available.

The institution has RFID-enabled library circulation and Web OPAC along with barcoded books and smart card-enabled library transactions. Using Online Public Access Catalogue (OPAC) library users reserve books, check attendance, university and internal exam marks, syllabus, etc. Previous university question papers are available through the digital library.

The library procures and ensures effective use of the latest hard/soft copies of books, journals, documents, reports, and other learning resources. It has National Digital Library Club (NDLI Club) membership

Provides access to online databases of IEEE, ASME, ASCE, Elsevier Science Direct, EBSCOHost, SWAYAM Engineering, DSPACE, DELNET, NDLI and EBSCO e-books

e-Library platform (Knimbus) helps access digital library facilities (E-Journals and Ebooks) from anywhere.

The Mobile eLibrary App 'mLibrary' offers a multi-format, content delivery app to access eBooks, latest journals, and multimedia learning content remotely.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://fisat.ac.in/library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

25.15493

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

136

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

FISAT provides state-of-the-art IT infrastructure comprising computing equipment, server, software, and internet facilities.

Fast browsing facilitated through High speed internet facility through 500mbps (BSNL), 500mbps (Asianet)

Internet can be accessed anywhere on campus enabling web-based learning. Wi-Fi facility is also available through Aruba HP Access Points across the campus

FISAT Campus Automation System developed in-house satisfies the demands of Campus in the areas of Academic, Accounts, Fee Module, HRM and Intranet. The sysme is updated on a regular basis.

Licensed and open-source software available for student academic requirements

Fortinet-200e Enterprise Firewall Solution delivers end-to-end network security

1107 computers connected with Wi- Fi/LAN

8 dedicated servers exclusively for library and labs

KOHA software with cloud server facility for automation of library.

E-learning support in Digital library with 51 computers.

Remote access of digital resources in library using mLibrary app and Knimbus

Multimedia centre with state-of-the-art facilities.

Bulk SMS service to communicate with parents and stakeholders.

Availability of Learning Management Systems like edX, Moodle, G Suite, Webex, AWS

Biometric devices & security systems with CCTV camera surveillance.

Autonomous research centre in cluster computing using free and open-source technologies and computing resources using indigenously built high-performance computers - Dhakshina

The institution has an online complaint tracking system

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://fisat.ac.in/facility/it-infrastructure/

4.3.2 - Number of Computers

1107

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

540.63

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has established systems, procedures, and manpower for the maintenance of physical, academic and support facilities.

Stock and maintenance registers are kept in all departments. Stock verification is conducted periodically for all capital stock. Maintenance of equipment like generators, UPS, general lighting, power distribution system, solar panels, STP, workshopsare assigned to specific teams. AMC signed for Generator, Elevator, Air Conditioners, CCTV cameras, and Water purifiers. Cleaning of classrooms and laboratories assigned to the housekeeping staff. Construction and maintenance is taken care of by a dedicated civil supervisor. Hazardous materials and concentrated acids in labs are kept safely. Safety is ensured through goggles, masks, first aid kits, and fire extinguishers. Computer labs are climate-controlled. Antivirus software and Cyberoam firewall provide security. The support team regularly updatescomputers. ICT enablement equipment like Projectors, computers, printers, photocopiersare serviced and maintained by a dedicated team. Wi-Fi is maintained by service providers like BSNL and Asianet. The website committee maintains the Institution's website.

Library books are marked, classified and positioned for easy retrieval using KOHA and checked periodically for damages.

Sports equipment, gymnasium, playground are supervised and

maintained by the Physical Education department. Ground
levelling and other repairs are done annually.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://fisat.ac.in/campus-life/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

743

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

491

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to Institutional website	https://fisat.ac.in/campus-life/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

121

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

121

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student	**A. All of the above**

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

259

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

54

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

23

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

42

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Student representation and engagement at FISAT involves the activecontribution of students in decision-making by representations in the various organisations, committees and cells in the college.The institution has an apex student body called Student Council,democratically elected every year as per the norms of theuniversity. The students contribute towards the decision-making process andparticipate in institution building as stakeholders through thefollowing bodies:

IQAC, Sports Council, Anti-Ragging Cell, Internal ComplaintsCommittee, Department Advisory Committee, Internal ComplaintsCommittee, Library Advisory Committee, Hostel Committee, ClassCommittee, Placement and Training Cell, Student Welfare Committeeand Women Cell. FISAT extensively supports student involvement and ensures activestakeholder participation through professional societies and cells. Professional Societies include IEEE, ASME, SAE, ISHRAE, ISTE, ACM,CSI, ASCE, ICI, ISA, IEDC, KBAIC, and ASAP. Department Cells include ELECTRA, FIESTA, IDEA, THYRA, SAME, ACE,ECHO, FCS, FFSC, and FORUM. Technical Cells include SPARC, IEDC, IIC, SDC Club, ETWC Club, Energy Audit Cell, Hobby Club, Maths club, and NDLI Club.

Arts, Literary and Social Outreach Cells include the Arts club,Sports club, Rolling Stone Literary Club, NSS, and SWAN Nature Club. Student contribution and representation is encouraged in 2research cells viz., CRC and CCRC and institution and department newsletter publications

File Description	Documents
Paste link for additional information	https://fisat.ac.in/student-council/
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

160

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

FISAT considers our alumni as the torchbearers of the institution.The alumni association of FISAT called FISTAA contributessignificantly to the development of the institution throughfinancial and other support services. The Alumni Association ofFISAT has regularly conducted alumni meetings to reconnect withalumni and celebrate their achievements and success. Alumnicontribute to the development of their junior students by givingtechnical talks, and webinars, on topics related to the latesttrends in the industry and sharing their experiences in reachingtheir goals. Alumni also give share their experience in utilizinghigher education opportunities in India and abroad. Alumni areappointed as members of various institutional bodies like IQAC,department advisory boards, evaluators in project exhibitions,judges and resource persons

in technical and management fest, etc.Alumni also make generous contributions to helpstudents and staffmembers requiring costly emergency medical treatments. Alumni alsocontribute to the curriculum design process and also help tomentor students' projects in the start-up and incubation centre.Alumni also help with preparing pre-final and final-year studentsfor placement by conducting mock technical and personalinterviews, and group discussions using Skype, WhatApp, etc. Periodic feedback on the curriculum is given by the alumni.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/alumni/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Yes.

FISAT was established in 2002, by the Federal Bank OfficersAssociation as a professional institution,focussed on excellence.Managed by a trade union on a 'not-for-profit basis', Theresources and profits generated in the institution are ploughedback for the betterment of the staff and students of FISAT.

Vision

• To become a world-class professional institute with a focus onexcellence, moulding committed global professionals andtechnocrats who can meet the demands of business, industry, andresearch.

Mission • To transform into an advanced centre of technical education,which will, in turn, bring out professionals with superior skillsand social commitment. • To provide state-of-the-art facilities to mould brilliant youngtalents, enabling them to take up challenging assignments in thehighly competitive global scenario. FISAT's strong leadership executed through well-defined systemsand organizational structure

Governing Body Apex statutory decision-making body headed by the Chairmanto look after the overall development of the institution Internal Governing Council Headed by the Principal, the Internal Governing Councilcomprises Vice Principal, Dean Academics,AdministrativeOfficers and other nominated members. Academic Council Governs the academic functioning of the Institution.

IQAC Initiates, plans and supervises various activities that arenecessary to increase the quality of the education impartedby the institution.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.1.1/6.1.1.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Yes, Ever since the inception of the institution, theadministration is carried out effectively through a decentralized mechanism. This inclusive and participatory approach promotes anenvironment of solidarity and mutual respect which ensures thesmooth functioning and growth of the institution.

- **The Management Committee of FISAT as the apex body of theinstitution formulates the overall policies for theinstitution.**
- **The Academic Council oversees the implementation of policiesand day-to-day activities.**
- **Functional autonomy is given to the Heads of the Departmentsand they are authorized to independently**

- conduct the day-todayfunctioning of their department in consultation with thefaculty members.
- **The staff members of the institution participate in thedecision-making by expressing their opinions and concerns inthe general staff council meetings and through variouscommittees.**
- **Participation of students is ensured in the governance ofthe institution through the student council and variousclubs and associations.**
- **Recommendations and suggestions are invited from thestakeholders before the policy formulations. Staff Meetings,Students Council Meetings, IQAC Meetings, PTA meetings, andAlumni Meetings are conducted to pool opinions andproposals.**

File Description	Documents
Paste link for additional information	https://fisat.ac.in/academics/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes, The institution strives to provide quality and inclusiveeducation with the help of its stakeholders through effectivelydeployed strategic / perspective plans.

The IQAC in consultation with the academic council formulated a strategic plan for the period. The short-term goals are classified into major goals mainly:Admissions & Selection, Teaching – Learning System, Facultyexcellence, Student outcome and Infrastructure & e-Governance. The strategic long-term plan of the institution 2016-2030 strivesfor achieving the aspiration of becoming a Centre for Excellence by 2030. The institution has a well-drafted strategic plan "Aspirations2030" which lays out the short-term and long-term plans of theinstitution. As envisioned in the plan, the institution has taken steps todevelop software and programmes to facilitate an automated andself-reliant Management Information Systems. An expert committeehas been formed to monitor the implementation of the system.

The institution has also set up committees to enhance theinfrastructure facilities with a vision to introduce new

coursesand improve the academic-industry linkages through research,consultancy and projects.The combined effort of the stakeholdersand the clear vision and plan of the management help theinstitution to achieve the plans and goals.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://fisat.ac.in/iqac/?py=82
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institution has well-defined procedures and policies forrecruitment and promotion. The appointment and service rules forteaching and non-teaching staff are well laid down in the HRpolicy document. The Managing Committee: The institution has a well-functioningorganizational structure managed and administered by the FBOAES. Governing Body As per the guidelines of AICTE, the Governing Body was formed byincluding Members from Managing Committee, Officials of theCollege, Experts in Technology/Education, Representatives of University, State Government and AICTE. TheGoverning Body prepares, provides, and revises the functioning ofvarious committees in administering the institution. Internal Governing Council The Managing Committee is the apex body with regard to the mattersin policy making. It also sets a framework for the implementationof the proposed plans. It recommends strategic plans that can beadopted in matters like infrastructural development, enhancementof quality in academics, promotion of research, welfare measures for staff and students and healthy practices. Principal: The principal who is the executive head of theinstitution is entrusted with the responsibility of managing theday-to-day affairs of the institution. IQAC initiates quality enhancement and sustenance measures for theimprovement of teaching, learning and assessment practices of theinstitution. Academic Council takes appropriate measures for the implementationof the strategic plan. It also takes major decisions regarding theday-to-day administrative and academic affairs of the institution. Committees and Cells: The administration of the institution issupported by a number of committees and cells

File Description	Documents
Paste link for additional information	https://fisat.ac.in/governing-body/
Link to Organogram of the institution webpage	https://fisat.ac.in/organogram/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Pension The Management has introduced contributory pension for the entire staff on 2019 January. Mediclaim

Medical Insurance coverage is provided for the staff and familymembers with a coverage of 3 lakhs rupees. Staff Recreation Activities and Gifts The Management sponsors events like yearly staff tour, family get together,Teachers Day, Institution Day, Sport Day, Cultural fests etc. Gifts are given to the staff members on Onam, New Year and Institution Day.

Extraordinary Relief Measures The Management takes extraordinary relief measures including rebuilding houses for staff members which were destroyed during the flood. Other Employee Benefits An interest-free loan to purchase laptops. Free in- house medical consultation facility on every Thursday.

The agricultural products harvested from the institution are provided at extremelysubsidised rates. Financial assistance is given to teaching staff for attendingconferences and training in India and abroad. Welfare Measures for Kith and Kin of the Staff Members The Management provides free or subsidised education for thechildren of deserving staff members.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.3.1/6.3.1.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

7

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

138

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A self-appraisal will serve as a reflection of the facultymember's performance and facilitates a means for continuous improvement in one's career. The self-appraisal

form, called theAcademic Performance Indicator (API) is filled up by all teachingstaff in the month of June every year. Academic Performance (API)is a measure, indicating the overall performance of a facultymember mainly in three categories. Category I: Teaching, Learning and Evaluation-Related Activities Category II: Co-Curricular, Extension and Professional DevelopmentRelated Activities. Category-III: Research and Academic Contributions

The individual faculty member has to award his/her self-assessmentscore for each of the items based on objectively verifiablecriteria wherever possible. Supporting documents are attached, asrequired. The score awarded has to be verified by the HoD and willbe finalized by the Principal/Chairman, after assessing thefaculty through the interaction with the management team, with alloriginals, of the certificates. The best teacher award and bestnon-teaching staff award are presented every year so as tomotivate and inspire all.

Non-Teaching staff: The Non-teaching staff fills up a proforma forincrement which is then submitted to the concerned Section in-Charge. After adding the Section Head's remarks on the performanceof the non-teaching staff for the last year, the form is endorsedby the Principal and submitted to the management.

File Description	Documents
Paste link for additional information	https://fisat-accreditation.s3.ap-south-1.amazonaws.com/aqar/2022-23/Cr6/6.3.5/Policy+on+Faculty+Appraisal.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

FISAT believes in creating and maintaining a sound financial and accounting system for safeguarding the interest of stakeholders,by inculcating an efficient mechanism to administer the financial system. The finance committee convenes meetings on need-based/at periodic intervals to discuss and deliberate on finance management. The accounts relating to the

previous year are carefully scrutinized prior to the preparation of the financial budget for the next financial year. (i) Internal Audit - Internal auditors are appointed by the Management Committee and the term of service for the auditors is one year. Internal auditors perform audits on a monthly basis.They check the documents and close the previous month's transactions after verification. A consolidated monthly statementof revenue and expenses is prepared and submitted to the management. (ii) External Audit (Statutory) – The institution conducts statutory external audits after the close of the financial year. The external financial audit is done by an experienced Chartered Accountant who is appointed for a tenure of two years by the Management after getting approval in the Annual General Body Meeting. The external auditor examines the Books of accounts to formulate a fair opinion of whether the institution keeps proper books of accounts. The audited financial statements are published on the institution's website.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/audited-statements/
Upload any additional information	[View File]()

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.5

File Description	Documents
Annual statements of accounts	[View File]()
Any additional information	[View File]()
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File]()

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Principal asks the Accounts Department to consolidate thebudgets submitted by the departments and cellsand submit them tothe Management Committee for approval and allocation of funds. Thebudget allocation is made for a specific financial year and it isutilized during the same financial year itself. In the case ofinfrastructure projects, fund utilization happens over a longerterm.

Sources of Funds The institution funds its endeavours through a combination of: Earned Income - The main source of the earned income of theinstitution is the fees collected. The hostel fee also becomes amajor part of the funds earned.

Funds Raised - Funds are also mobilized by the institution forvarious activities. funds received as sponsorship for variousstudent activities, consultancy services, faculty developmentprogrammes, workshops and seminars conducted by departments.Alumni contribution is also a fund-raising strategy. On holidaysthe institution building/computer lab is rented out to governmentand public sector agencies for the conduct of various programmes and examinations. Grants Received from Government and Non-Government Agencies – The faculty members and different cells of the institution receive grants for research and innovation under various schemes ofGovernment and Non-Government agencies. Utilization – All the funds received are routed through theaccounts of the institution so that the funds mobilised are employed for the purpose for which it was mobilized. The salary ofthe staff is disbursed through the Federal Bank.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/grants-and-funded-projects/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of FISAT has taken post-accreditation quality assurance measures that are integrated with the institution's system toattain the goals of quality improvement and sustenance. IQAC

ensures consistent, conscious, and catalytic improvement in the academic, non-academic, and overall performance of theinstitution. IQAC at FISAT is a facilitative and participativeunit that works with faculty members to come up with the best teaching methods. The various quality assurance strategies and processes initiated and implemented by IQAC include setting upquality benchmarks and parameters for different academic,operational, and administrative activities, promoting a participatory teaching-learning process, encouraging feedback fromstudents, parents, and other stakeholders regarding quality related processes in institutions, documenting various qualityimprovement programs and activities, conducting inter and intra institutional workshops and seminars to discuss quality education,maintaining an institutional database, etc.

- Successfully completed second cycle of NAAC second cycle of Accreditation with A+ grade (score 3.45).
- Successfully completed the NBA Compliance visit and extension of accreditation of 5 departments.
- Submitted application for 2f status
- Standardised the documentation procedure of the activities of cells/clubs across the campus.
- Developed guidelines for the conduct of Add-On programs and facilitated Add on courses for every students

File Description	Documents
Paste link for additional information	https://fisat.ac.in/iqac/
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching learning process, structures& methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded theincremental improvement in various activities as follows.

- IQAC has laid out clear education practices for the institutionwhich are planned and executed efficiently

through theparticipation of various stakeholders.

- IQAC conducts several workshops and audits to help the staff andstudents to continuously perform.
- IQAC facilitates interdepartmental collaborations in academics,research and co-curricular activities. Also, frequent assessmentand feedback from stakeholders eliminate any communication gapthat can hamper the education processes.
- Organised Documentation:IQAC enables faculty members to create authentic documentation andmaintain proper records in case they are required for futurereferences.
- Focus on Research & Development:IQAC takes necessary measures to motivate faculty members to focuson research & development as well. This includes application forfunding, research centres, projects and consultancy work etc.
- Greater Transparency:The IQAC team verifies all the evidence, documents, and recordsfrom time to time.
- Professional Activities:To help students improve their academic and non-academic skills,the IQAC committee conducts regular lectures and programs ofprofessional leaders and experts from different fields.

File Description	Documents
Paste link for additional information	https://fisat.ac.in/iqac/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://fisat.ac.in/iqac/?py=134
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Being affiliated with KTU, the institution offers a wide range of courses for UG and PG programmes that address gender equity and sensitisation. Apart from this, the institution has a Gender Equity Cell.The institution also has Women's Cell, Anti-Ragging Committee and Internal Complaints Committee which prepare students to have an inclusive attitude in society, be aware of their social and civic responsibilities and be sensitive to gender issues with zero tolerance towards sexual harassment. The major activitiesto promote gender sensitivity and equity include

- Sports and physical training infrastructure in boys and girls hostel
- Male and Female trainer for sports and physical fitness
- Women entrepreneurship activities
- A well-qualified female clinical psychologist is appointed for ensuring the mental well-being of students
- Colloquy and seminars on Women Empowerment, Welfare Laws, Consumer Protection Laws,
- Cyber Security, Anti-Narcotics and Child Welfare Fire safety trainings and other safety awareness training programs are organized for staff and student of both the gender
- Common room facility is provided for boys and girls.
- Sick room with first aid kits and four beds is arranged at the ground floor of North block.
- Wheel chair facility is also available

- **Special toilets are also available for differently abled students**

File Description	Documents
Annual gender sensitization action plan	https://fisat-accreditation.s3.Gender sensitization Plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://fisat.ac.in/facility/hostel/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institution has established an integrated sustainable waste management approach that minimizes waste production and provides economic benefits through scientific waste management.

Solid Waste Management

- **Separate colour coded bins for different types of wastes are placed throughout the campus at important vantage points for proper collection and segregation of wastes. This prevents any intermixing of wastes and is beneficial in utilization and recovery of components through sustainable waste management.**
- **The use of single use plastic is strictly banned within**

the campus. The institution follows green protocol for all its official and public meetings, seminars and conferences. The institution has established a plastic free zone around the campus.

- Plastic bottles are collected by the students and recycled by using as planters in our garden or recycled.

Liquid Waste Management

- The institution has installed a sewage treatment plant to manage liquid waste.
- Liquid waste from various sources is treated with bleach and decontaminated prior to discharge.

Bio-Medical Waste Management

- Red coloured bins are kept at the toilets and various locations to collect the used masks, cotton, sanitary pads and any other bio-medical waste.

E-Waste Management

- A minimal e-waste generation is ensured by optimal and periodic maintenance of computers and other electronic peripherals.

Waste Recycling System

- The institution generates over 150 kg of solid and semisolid waste, in the form of left-over food and remains of vegetables and fruits. The same is used for generating electricity and fuel through biogas plants.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities	A. Any 4 or all of the above

available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the assistance	<u>View File</u>
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

FISAT has made a considerable amount of effort to cater the students from different states, castes, creeds & religions. At the beginning of the academic year, all the first-year students are taken through an induction program, which highlights the

importance of inclusiveness, and respect for different cultures, castes and creeds. Elaborated human values and ethics are discussed and debated during the induction program. Students are informed during the induction program about the usage of social media and the ill effects of posting inflammatory messages on social media. The institution organises special student development programs on the Fundamental of Computers for students coming from a rural background and having low computer skills.

- Every year the institution sponsors NSS students to attend National Integration Camp.
- Commemorates "Gandhi Jayanthi", "Independence Day", "Republic Day" and "National Unity Day", to highlight the importance of Peace, Unity and Diversity.
- Visits to Old-Age Homes and orphanages in which students and faculty members take active participation in distributing materials, cleaning activities, etc.
- Value-based learning for students is facilitated by conducting life-skill training sessions and tour programs for lesser privileged.
- Cancer Awareness sessions, Blood Donation camps, and AntiNarcotics campaigns were organized in association with various local bodies and health departments.
- 'A day to remember' – a day celebrated by FISAT students with differently abled children encouraging them to showcase their talents.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

FISAT takes initiative in organizing various events and programmes for molding the students and staff to become responsible citizens by sensitizing them to the constitutional obligations: values, rights, duties and responsibilities of the citizens. Following are the various initiatives taken by the institution.

- During the first-year student induction program, various sessions on Universal Human Values, Professional Ethics, Fundamental duties, Directive Principles and Responsibilities of citizens are offered by experts.
- The institution also offers two courses on Universal Human values and the Indian Constitution as a part of the University Curriculum.
- FISAT offers a course on Disaster Management for UG and PG programs as per the university curriculum to raise awareness on the roles and responsibilities of students in potential preparedness and response measures during a natural calamityso as to serve society better.
- Every year institution celebrates Republic Day and Independence Day to infuse young minds with a sense of patriotism and nationalistic feelings. The Principal and senior staff members of the institution give messages on fundamental rights & duties. The institution organises essay writing, elocution and patriotic song competitions for students on the topic of fundamental rights and duties of the citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://fisat-accreditation.amazonaws.com/aqar/2022-23/Cr7/7.1.9/7.1.9.pdf
Any other relevant information	https://fisat-accreditation.amazonaws.com/aqar/2022-23/

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	A. All of the above

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Activities are conducted in the most appropriate manner to commemorate and celebrate the following days.

- **Gandhi Jayanti Celebrations:The institution celebrates Gandhi Jayanti every year on 2nd October with community services.**
- **National Youth Day Celebrations: National Youth Day is observed on 12th January of every year National Science Day Celebrations:**
- **The institution celebrates National Science Day on 12th June every year.**
- **Independence Day & Republic Day:As part of this, the National Flag will be hoisted at the institution.**
- **World Environment Day: NSS unit of the institution in collaboration with various departments organises several activities on World Environment Day which falls on June 5 every year.**
- **Yoga Day: Highlighting the importance of physical and mental wellness Yoga Day is celebrated every year on June 21st with yoga demonstrations and talks.**
- **World Earth Day: Various talks emphasizing the need to protect the natural habitat of the Earth to prevent climate changes and natural disasters are held on this day.**
- **International Women's Day is celebrated on March 8th every year with seminars and discussions on topics related towomen's health, empowerment and security.**
- **"International Day against Drug Abuse" observed by organising talks in association with the Anti-Narcotics Cell.**

- **NSS Day is celebrated with a variety of programmes and competitions**

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1 – Innovative practices for Participatory Learning

To enrich the students' learning experiences, FISAT has implemented innovative participatory learning techniques. This would make the teaching-learning activity more effective and foster global competencies among students. To motivate students in this regard, the institution has constituted several cells, clubs and chapters of professional associations that organise numerous co-curricular activities and events to create a positive attitude and approach among young adult learners. This participatory learning practice of FISAT offers a lot of application-oriented and skill-based activities for students, which helps to develop superior learning, critical thinking, problem-solving, and technology-specific skills.

Best Practice 2 – Social Outreach and Extension Activities

FISAT has a tradition of community engagement, and the institution is always committed to the progress and development of the localcommunity. The institution has been organising several programmes to empower society and help the downtrodden. T FISAT keeps social transformation and justice well above individual prosperity and success. One of the core values of the institution is "social commitment". The institution has organised many programmes to educate and help society through continuous community engagement and extending support. The National Service Scheme (NSS) unit of FISAT and several other

clubs and cells organise outreach and extension activities.

File Description	Documents
Best practices in the Institutional website	https://fisat.ac.in/iqac/?py=86
Any other relevant information	https://fisat.ac.in/iqac/?py=86

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

In the realm of engineering education, the institution distinguishes itself through a pragmatic approach to learning and innovation. We prioritise the synthesis of new knowledge with existing expertise, equipping students with the skills to translate theory into practice. Through a variety of experiences such as international and national industrial visits, FABLAB sessions, technical workshops, and project expos, students are provided with hands-on opportunities to apply their learning in real-world contexts.

Most of the courses incorporate projects and hands-on training, preparing students for the challenges of industries. Industry internships and projects, add on courses in collaboration with industry, bridge the gap between academia and the professional world. Institution has made progress in the direction of Research and development by publishing more patents, Institution level journals and encouraging faculty to publish and undertake research work.

The institution is dedicated to nurturing socially responsible individuals capable of addressing societal challenges through technological and entrepreneurial solutions. State-of-the-art facilities like Fablab and Robotics Lab empower students to gain practical insights and enhance their problem-solving abilities.A vibrant ecosystem of clubs, cells, and technical associations fosters a culture of participative and experiential learning. Collaborations with industries through MoUs facilitate student engagement in consultancy and project works.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. **Maintaining Accreditation Standards:**

   - **Continue to uphold the standards set by NAAC and NBA accreditations.**

2. **Student Enrollment and Admission:**

   - **Expand outreach efforts to ensure maximum admission in B.Tech, M.Tech MBA and MCA programs.**

3. **Career Placement and Skill Development:**

   - **Strengthen ties with industries to increase the number of job offers and average package for graduating students.**

   - **Enhance career counseling and skill development programs to prepare students for the job market.**

4. **Financial Assistance and Scholarships:**

   - **Continue offering scholarships to deserving students to promote academic excellence and reduce financial burden.**

5. **Faculty Development:**

   - **Support faculty members pursuing Ph.D. programs and encourage others to enroll.**

   - **Facilitate collaborations with industry and academia to foster research and innovation.**

6. **Research and Innovation:**

   - **Provide resources and infrastructure for research**

projects.

7. International Collaborations:

   - Explore opportunities for new collaborations with reputed international institutions.

8. Sports and Extracurricular Activities:

   - Continue to support and encourage participation in sports tournaments at regional and national levels.

9. Alumni Engagement:

   - Strengthen the FISAT Alumni chapters and organize alumni events.

   - Utilize alumni networks for mentorship programs, guest lectures, and industry connections.

10. Continuous Improvement and Evaluation:

    - Conduct regular assessments and reviews to identify areas for improvement.

    - Solicit feedback from stakeholders including students, faculty, staff, and alumni.