

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

(An Autonomous Institution)



**B. Tech - Civil Engineering
Stream C**

Curriculum-2026

**Hormis Nagar, Mookkannoor, Angamaly
Kerala - 683 577**

Curriculum Structure – Stream C

Physical Sciences

- **Civil Engineering (CE)**
- **Mechanical Engineering (ME)**

1. Course Types

The curriculum is designed to provide a balanced and comprehensive learning experience. The courses are categorized as follows:

1. **Program Core Courses (PCC)** – Fundamental courses essential to Physical Sciences.
2. **Program Core - Project-Based Learning (PBL)** – Hands-on learning through projects in the Physical Sciences domain.
3. **Program Elective Courses (PEC)** – Program Specialized courses chosen by students based on interest.
4. **Open Elective/Industry Elective Courses (OEC/IEC)** – Courses from other engineering disciplines or industry-relevant courses.
5. **Humanities and Social Sciences including Management Courses (HMC)** – Ethics, Communication and Managerial Skills Development.
6. **Humanities and Social Sciences including Management Elective Courses (HME)** - Specialized courses chosen by students based on interest in Ethics, Communication and Managerial Skills Development.
7. **Basic Science Courses (BSC)** – Foundational Mathematics, Physics and Chemistry courses.
8. **Engineering Science Courses (ESC)** – Courses applying Engineering principles in practice
9. **Program Core Laboratory Courses (PCL)** - Fundamental laboratory courses essential to Physical Sciences
10. **Skill Enhancement Courses (SEC)** – Technical and Professional skill enhancement courses.
11. **Seminar (SMR)** – Research based discussions and presentations.
12. **Project (PRJ)** – Capstone projects integrating knowledge in Physical Sciences.
13. **Value added Course (VAC)** - Additional courses enhancing domain expertise, including **Minor** (interdisciplinary subjects from other departments) and **Honors** (advanced courses within the student's specialization).
14. **Internship Course (INC/INM)** - Industry/R&D organisations /Academic institutions of national importance/ IDEA Lab /Centre for Future Skills(CFS) oriented experiential learning

2. Curriculum Design and Structure

- **Separate Curriculum Tables for First-Year Semesters:**
 - The first and second semesters have individual tabular representations.
 - 50% of students can opt for **Engineering Physics/Universal Human Values in Semester 1** and **Engineering Chemistry/Life Skills and Professional Communication in Semester 2**, and vice versa.

- **Unified Curriculum Table for Higher Semesters:**
 - From the third to eighth semester, a common tabular format is used for Stream C while retaining discipline-specific subjects.
- **10-Day Induction Program:**
 - Introduces students to academic expectations, ethics, and foundational skill-building.

3. Abbreviations Used

- **L** – Lecture Hours
- **T** – Tutorial Hours
- **P** – Practical/Laboratory Hours
- **R** – Research/Project-Based Learning
- **CIA** – Continuous Internal Assessment
- **ESE** – End Semester Examination

4. Self study hours calculation

$$SS = 1.5L + 0.5T + 0.5P + R$$

Self-Study (SS) hours represent the estimated time a student is expected to spend outside regular contact hours for effective learning, preparation, and reinforcement of course content. These hours are calculated based on the instructional components of the course to ensure adequate academic engagement and attainment of Course Outcomes.

FIRST SEMESTER- Stream C - Civil Engineering													
10 Days Compulsory Induction Program													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./Week
					L	T	P	R		CIA	ESE		
1	A	26NBCBS101	BSC	Linear Algebra, Differential Calculus and Laplace Transforms	2	1	0	0	3.5	40	60	3	3
2	B S1/ S2	26NNCBS102	BSC	Engineering Physics -C	2	0	2	0	4	40	60	3	4
		26NNCBS103		Engineering Chemistry -C									
3	C	26NNVES104	ESC	Engineering Mechanics	3	1	0	0	5	40	60	3	4
4	D	26NNCES106	ESC	Introduction to Mechanical Engineering and Civil Engineering (Part1:Mechanical Engineering)	2	0	0	0	3	20	30	4	4
				(Part2:Civil Engineering)	2	0	0	0	3	20	30		
5	E	26ABCES103	ESC	Algorithmic Thinking with Python	2	0	2	0	4	40	60	4	4
6	F	26NNCEL102	ESC	Mechanical and Civil Engineering Workshop	0	0	2	0	1	50	50	2	2
7	G S1/ S2	26ABCHM101	HMC	Life Skills, Ethics & Wellness	1	0	1	0	2	40	60	1	2
		26ABCHM102		Universal Human Values and Constitution of India	2	0	0	0	3	40	60		
8	S	26NNVSE10Q	SEC	Skill Enhancement Course								1	2
Total									28.5			21	25

SECOND SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./Week
					L	T	P	R		CIA	ESE		
1	A	26NBCBS201	BSC	Integral Calculus and Fourier Series	2	1	0	0	3.5	40	60	3	3
2	B S1/ S2	26NNCBS102	BSC	Engineering Physics - C	2	0	2	0	4	40	60	3	4
		26NNCBS103		Engineering Chemistry- C									
3	C	26NNVES203	ESC	Building Planning and Drafting	2	0	2	0	4	40	60	3	4
4	D	26NNCES204	ESC	Basic Electrical & Electronics Engineering (Part 1: Electrical Engineering)	2	0	0	0	3	40	60	4	4
				(Part2:Electronics Engineering)	2	0	0	0	3				
5	E	26NNVPC201	PCC	Mechanics of Solids	2	1	0	0	3.5	40	60	3	3
6	F	26ABCHM201	HMC	Professional Communication	1	0	1	0	2	40	60	2	2
7	G S1/ S2	26ABCHM101	HMC	Life Skills and Professional Ethics, Health & Wellness	1	0	1	0	2	40	60	1	2
		26ABCHM102		Universal Human Values and Constitution of India	2	0	0	0	3	40	60		
8	H	26NNVLC201	PCL	Civil Engineering Drafting Lab	0	0	2	0	1	50	50	2	2
9	S	26NNVSE20Q	SEC	Skill Enhancement Course								1	2
Total									29			22	26

THIRD SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					L	T	P	R		CI A	ESE		
1	A	26NBCBS301	BSC	Calculus of Complex Functions and Fourier Transforms	2	1	0	0	3.5	40	60	3	3
2	B	26NNVPC301	PCC	Fluid Mechanics	2	1	0	0	3.5	40	60	3	3
3	C	26NNVPC302	PCC	Construction Technology and Management	2	1	0	0	3.5	40	60	3	3
4	D	26NNVPB301	PBL	Surveying and Geomatics	3	0	0	1	5.5	60	40	4	4
5	E	26NBCES301	ESC	Introduction to Artificial Intelligence and Data Science	3	0	0	0	4.5	40	60	3	3
6	F S3/S4	26ABCES302	ESC	Disaster Management and Sustainable Development	2	0	0	0	3	40	60	2	2
		26ABCES303		Design Thinking and Product Development									
7	G	26NNVLC301	PCL	Surveying Laboratory	0	0	3	0	1.5	50	50	2	3
8	H	26NNVLC302	PCL	Material Testing Laboratory - I	0	0	3	0	1.5	50	50	2	3
9	M	26NNVVM301	VAC	MINOR	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNVSE30Q	SEC	Skill Enhancement Course								1	2
Total									26.5/31*			23/27*	26/29*

Note:

- ❖ Starting from the third semester, students may choose to enroll in Minor courses. Each department will offer one Minor Basket, consisting of five carefully curated subjects designed for students from other disciplines to gain interdisciplinary knowledge and skills.
- ❖ Students who do not opt for either Minor or Honour courses shall be offered remedial classes or enrichment activities, as decided by the department based on the student's learning needs to strengthen foundational knowledge and improve academic performance.

FOURTH SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					L	T	P	R		CI A	ESE		
1	A	26NNCBS401	BSC	Probability Distributions , Statistics and Numerical Methods	2	1	0	0	3.5	40	60	3	3
2	B	26NNVPC401	PCC	Structural Analysis - I	2	1	0	0	3.5	40	60	3	3
3	C	26NNVPC402	PCC	Transportation Engineering-I	2	1	0	0	3.5	40	60	3	3
4	D	26NNVPC403	PCC	Design of Concrete Structures - I	2	1	0	0	3.5	60	40	3	3
5	E	26NNVPB401	PBL	Water Resource Engineering	3	0	0	1	5.5	40	60	4	4
6	F S3/S4	26ABCES302	ESC	Disaster Management and Sustainable Development	2	0	0	0	3	40	60	2	2
		26ABCES303		Design Thinking and Product Development									
7	G	26NNVLC401	PCL	Fluid Mechanics Laboratory	0	0	3	0	1.5	50	50	2	3
8	H	26NNVLC402	PCL	Material Testing Laboratory - II	0	0	3	0	1.5	50	50	2	3
9	U	26NNVVH4Q1	VAC	HONORS	3	0	0	0	4.5	40	60	4*	3*
	M	26NNVVM401		MINOR	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNVSE40Q	SEC	Skill Enhancement Course								1	2
Total									25.5/ 34.5*			23/31*	26/32*

Note:

- ❖ *Disaster Management and Sustainable Development and Design Thinking and Product Development shall be offered in both Semester 3 (S3) and Semester 4 (S4). Half of the branches in the institution will be offered Disaster Management and Sustainable Development in S3 and Design Thinking and Product Development in S4, while the remaining branches will follow the reverse sequence.*
- ❖ *After completing the fourth or fifth semester, during the semester break, every student shall undergo a mandatory internship of a minimum duration of two weeks with industry, R&D organisations /Academic institutions of national importance/ IDEA Lab /Centre for Future Skills(CFS), NGOs, government organizations, or micro, small, and medium enterprises (MSMEs), to gain experiential and industry-oriented exposure. The internship committee shall coordinate and monitor all internship activities with members from the department and sister departments.*
- ❖ *Starting from the fourth semester, students may opt to enrol in Honors courses. Three distinct Honors course baskets will be offered, from which a student may choose one basket to pursue. Each Honors basket consists of five carefully curated subjects aimed at providing advanced knowledge and skills in the respective discipline.*

FIFTH SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					L	T	P	R		CI A	ESE		
1	A	26NNVPC501	PCC	Structural Analysis - II	2	1	0	0	3.5	40	60	3	3
2	B	26NNVPC502	PCC	Geotechnical Engineering - I	2	1	0	0	3.5	40	60	3	3
3	C	26NNVPC503	PCC	Transportation Engineering-II	2	1	0	0	3.5	40	60	3	3
4	D	26NNVPB501	PBL	Design of Concrete Structures - II	3	0	0	1	5.5	60	40	4	4
5	E	26NNVPE51Q	PEC	PEC-1	3	0	0	0	4.5	40	60	3	3
6	F S5/S6	26ABCHM501	HMC	Engineering Entrepreneurship & IPR	2	0	0	0	3	40	60	3	2
		26ABCHM502		Economics For Engineers	2	0	0	0		40	60		
7	G	26NNVLC501	PCL	Geotechnical Engineering Lab	0	0	3	0	1.5	50	50	2	3
8	H	26NNVLC502	PCL	Transportation Engineering Laboratory	0	0	3	0	1.5	50	50	2	3
9	U	26NNVVH5Q1	VAC	HONORS	3	0	0	0	4.5	40	60	4*	3*
	M	26NNVVM501		MINOR	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNVSE50Q	SEC	Skill Enhancement Course								2	2
	S5/S6	Industrial Visit(Maximum 5 Days are permitted, Not Exceeding more than 3 Working Days)											
Total									26.5/ 35.5*			24/32*	26/32*

Program Elective Courses (PEC-1)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVPE511	Digital Land Surveying and Mapping	Surveying and Geomatics
2	26NNVPE512	Engineering Geology	nil
3	26NNVPE513	Forensic Engineering and Rehabilitation of Structures	Construction Technology and Management
4	26NNVPE514	Open Channel Hydraulics	Fluid Mechanics
5	26NNVPE515	Traffic Engineering and Management	Transportation Engineering - I
6	26NNVPE516	Air Pollution and Control	nil
7	26NNVPE517	Advanced Concrete Technology	Engineering Chemistry, Construction Technology and Management

SIXTH SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					L	T	P	R		CI A	ESE		
1	A	26NNVPC601	PCC	Design of Steel Structures	2	1	0	0	3.5	40	60	3	3
2	B	26NNVPC602	PCC	Quantity Surveying and Valuation	2	1	0	0	3.5	40	60	3	3
3	C	26NNVPC603	PCC	Environmental Engineering	2	1	0	0	3.5	40	60	3	3
4	D	26NNVPB601	PBL	Geotechnical Engineering - II	3	0	0	1	5.5	60	40	4	4
5	E	26NNVPE62Q	PEC	PEC-2	3	0	0	0	4.5	40	60	3	3
6	F S5/S6	26ABCHM501	HMC	Engineering Entrepreneurship & IPR	2	0	0	0	3	40	60	3	2
		26ABCHM502		Economics For Engineers	2	0	0	0		40	60		
7	G	26NNVLC601	PCL	Computer Aided Structural Analysis and Design Laboratory	0	0	3	0	1.5	50	50	2	3
8	H	26NNVLC602	PCL	Environmental Engineering Laboratory	0	0	3	0	1.5	50	50	2	3
9	U	26NNVVH6Q1	VAC	HONORS	3	0	0	0	4.5	40	60	4*	3*
	M	26NNVVM601		MINOR	3	0	0	0	4.5	40	60	3*	3*
	REMEDIAL												
10	S	26NNVSE60Q	SEC	Skill Enhancement Course								1	2
	S5/S6	Industrial Visit (Maximum 5 Days are permitted, Not Exceeding 3 Working Days)											
11		26ABCIN601	INM	Mandatory Internship - Evaluation by a Committee								1	
Total									26.5/ 35.5*			25/32*	26/22*

Note:

- ❖ Engineering Entrepreneurship & IPR and Engineering Economics shall be offered in both Semester 5 (S5) and Semester 6 (S6). Half of the branches in the institution shall be offered Engineering Entrepreneurship & IPR in S5 and Engineering Economics in S6, while the remaining branches shall be offered Engineering Economics in S5 and Engineering Entrepreneurship & IPR in S6.

Program Elective Courses (PEC-2)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVPE621	Geographic Information Systems	Surveying and Geomatics
2	26NNVPE622	Geotechnical Investigation	Geotechnical Engineering I
3	26NNVPE623	Analysis and Design of Special Structures	Design of Concrete Structures - I
4	26NNVPE624	AI in Civil Engineering	nil
5	26NNVPE625	Highway Materials and Design	Transportation Engineering - I
6	26NNVPE626	Water Quality Management	nil
7	26NNVPE627	Functional Design of Building	nil

SEVENTH SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					L	T	P	R		CI A	ESE		
1	A	26NNVPE73Q	PEC	PEC-3 (Internship Students: Self Study/MOOC Approved by the college/Online Classes)	3	0	0	0	4.5	40	60	3	3
2	B	26NNVPE74Q	PEC	PEC-4 (Internship Students: Self Study/MOOC Approved by the college/Online Classes)	3	0	0	0	4.5	40	60	3	3
3	C	26NNVOE71Q/ 26NNVIE71Q	OEC/IEC	OEC-1/IEC-1 (Internship Students: Self Study/MOOC Approved by the college /Online Classes)	3	0	0	0	4.5	40	60	3	3
4	D	26ABCHE71Q	HME	HME - 1 (Internship Students: Self Study/MOOC Approved by the college/Online Classes)	2	0	0	0	3	40	60	1	2
5	S	26NNVSMM701	SMR	Seminar	0	0	3	0	1.5	50	0	2	3
6	P	26NNVPR701	PRJ	Major Project Phase-I/Internship	0	0	0	8	4	100	0	4	8
7	U	26NNVVH7Q1	VAC	HONORS	3	0	0	0	4.5	40	60	3*	3*
	REMEDIAL												
8	S	26NNVSE70Q	SEC	Skill Enhancement Course								1	2
Total									22/ 26.5*			17/ 20*	24/27*

Note:

- ❖ No Grade Points will be awarded for the D slot courses
- ❖ Open Electives are courses offered by departments other than the student's own, allowing interdisciplinary learning and broader knowledge acquisition.
- ❖ Students who opt for an internship must present a seminar before a committee, which will assess their performance.

HME -1			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26ABCHE711	Organizational Behavior and Business Communication	Nil
2	26ABCHE712	Introduction to Indian Languages and Culture/ MOOC	Nil
3	26ABCHE713	Proficiency course in French (B1 level)/MOOC	Nil
4	26ABCHE714	Proficiency Course in German (B1 Level)/MOOC	Nil
5	26ABCHE715	Proficiency Course in Spanish (B1 Level)/MOOC	Nil
6	26ABCHE715	Introduction to Japanese Language and Culture(N5 level)/ MOOC	Nil

Program Elective Courses (PEC-3)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVPE731	Environmental Remote Sensing	Surveying and Geomatics
2	26NNVPE732	Ground Improvement Techniques	Geotechnical Engineering - I, Geotechnical Engineering - II
3	26NNVPE733	Bridge Engineering	Design of Concrete Structures - I, Design of Concrete Structures - II, Design of Steel Structures
4	26NNVPE734	Irrigation and Drainage Engineering	Water Resource Engineering
5	26NNVPE735	Pavement construction and management	Transportation Engineering - I
6	26NNVPE736	Solid Waste Management	Nil
7	26NNVPE737	Building Information Modeling	Building Planning and Drafting

Program Elective Courses (PEC-4)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVPE741	Informatics for Infrastructure Management	Surveying and Geomatics
2	26NNVPE742	Geo Environmental Engineering	Geotechnical Engineering - I
3	26NNVPE743	Pre-Engineered Buildings	Design of Steel Structures
4	26NNVPE744	Design of Hydraulic Structures	Fluid Mechanics, Water Resources Engineering
5	26NNVPE745	Road Safety and Management	Transportation Engineering -I, Transportation Engineering - II
6	26NNVPE746	Environmental Impact Assessment	Nil
7	26NNVPE747	Construction Project Management	Construction Technology and Management

Open Elective Courses (OEC -1)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVOE711	Environmental Health and Safety	Nil
2	26NNVOE712	Earth Sciences	Nil
3	26NNVOE713	Construction Forensic Analysis	Nil
4	26NNVOE714	Reuse and Recycle Technology	Nil

EIGHTH SEMESTER- Stream C - Civil Engineering													
Sl. No	Slot	Course Code	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./Week
					L	T	P	R		CIA	ESE		
1	A	26NNVPE85Q	PEC	PEC-5 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
2	B	26NNVOE82Q/ 26NNVIE82Q	OEC/IEC	OEC -2/IEC-2 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
3	C	26ABCHE71Q	HME	HME - 1 (Internship Students: Self Study/MOOC Approved by the college/Online Classes)	2	0	0	0	3	40	60	1	2
4	P	26NNVPR801/ 26NNVPJ801/ 26NNVIN801	PRJ/ INC	Major Project Phase-II/Major Project/ Internship	0	0	0	8	4	100	0	6	8
Total									16			13	16

Program Elective Courses (PEC-5)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVPE851	Applied Earth System	Nil
2	26NNVPE852	Advanced Foundation Engineering	Geotechnical Engineering - II
3	26NNVPE853	Finite Element Methods	Structural Analysis II
4	26NNVPE854	Mechanics of Fluid Flow	Fluid Mechanics
5	26NNVPE855	Urban Transportation Planning	Transportation Engineering - I
6	26NNVPE856	Climate Change and Sustainability	Nil
7	26NNVPE857	Green Building and Sustainable Construction	Nil

Open Elective Courses (OEC -2)			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVOE821	Public Transportation Systems	Nil
2	26NNVOE822	Municipal Solid Waste Management	Nil
3	26NNVOE823	Sustainable Construction Practices	Nil

Minor Courses

Minor Courses (VAC)- Basket-1			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVVM301	Building Materials and Sustainability	Nil
2	26NNVVM401	Building Planning and Design	Nil
3	26NNVVM501	Building Services and Permits	Nil
4	26NNVVM601	Smart-Green Building Systems and Automation	Nil

Honor Courses

Honors Courses (VAC) - Basket-1			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVVH411	Green Building Materials and Technologies	Disaster Management and Sustainable Development
2	26NNVVH511	Smart Building Systems and Automation	Nil
3	26NNVVH611	Structural Dynamics and Earthquake Resistant Design	Structural Analysis II
4	26NNVVH711	Prestressed Concrete Design	Structural Analysis I

Honors Courses (VAC) - Basket-2			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVVH421	Topographic Survey	Surveying and Geomatics
2	26NNVVH521	Survey Data Processing and Digital Mapping	Nil
3	26NNVVH621	Advanced Soil Mechanics	Geotechnical Engineering - I Geotechnical Engineering - II
4	26NNVVH721	Geosynthetics and Reinforced Soil Structures	Geotechnical Engineering - II

Honors Courses (VAC) - Basket-3			
Sl. No:	Course Code	Name of the Subject	Prerequisites(If Any)
1	26NNVVH431	Flood Risk Management and Assessment	Water Resources Engineering
2	26NNVVH531	Intelligent Transportation System (ITS)	Transportation Engineering I
3	26NNVVH631	Smart Water Systems and Management	Nil
4	26NNVVH731	Hydrology And Climate Change Adaptation	Water Resources Engineering

Credit Distribution Overview

The credit allocation across S1-S8 semesters is structured based on different course types, as detailed below.

<i>Semester</i>	<i>BSC</i>	<i>ESC</i>	<i>HMC</i>	<i>SEC</i>	<i>PC+ PCL</i>	<i>PC- PBL</i>	<i>PE</i>	<i>OE/IE</i>	<i>SMR+ PRJ/INC</i>	<i>INM</i>	<i>Total Credits Semester wise</i>
<i>S1</i>	6	13	1	1	-	-	-	-	-	-	21
<i>S2</i>	6	9	3	1	3	-	-	-	-	-	22
<i>S3</i>	3	5	-	1	10	4	-	-	-	-	23
<i>S4</i>	3	2	-	1	13	4	-	-	-	-	23
<i>S5</i>	-	-	3	1	13	4	3	-	-	-	24
<i>S6</i>	-	-	3	1	11	4	3	-	2	1	25
<i>S7</i>	-	-	1	1	-	-	6	3	6	-	17
<i>S8</i>	-	-	1	-	-	-	3	3	6	-	13
<i>Total-Type wise /Semester wise</i>	18	29	12	7	50	16	15	6	14	1	168
<i>Additional Credits</i>											
<i>Minor Courses</i>	Minor courses are offered from the third to the sixth semester. (4+4+4+3=15 Credits)										15
<i>Honor Courses</i>	Honors courses are offered from the fourth to the seventh semester. (4+4+4+3=15 Credits)										15
<i>Activity Points Credits</i>	NSS, NCC, NSO (National Sports Organization) /Arts/Sports/Games/Union/Club Activities - 50 Points										1
	English Proficiency Certification (TOFEL, IELTS, BEC etc) /Aptitude Proficiency Certification (GRE, CAT, GMAT etc)/Valid Gate Score/Conferences/Paper Presentation/Workshop Activities/ Professional Body Activities/Journal Publication, Patents, Start-Up/Skilling Certificates (Approved by the College) - 50 Points										1
TOTAL CREDITS- 200											

***75 Points/group for B. Tech Lateral Entry Students**

***A minimum of 100 Activity points are to be acquired for obtaining the 2 Activity Credits required in the curriculum.**

Dr. Jacob Thomas V
Principal
FISAT

Dr. Archana R
Member Secretary
FISAT