FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)



B. Tech
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 Category

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

1. **Program Core Subjects (PCC)** – Fundamental courses essential to Physical Sciences.
2. **Program Core - Project-Based Learning (PBL)** – Hands-on learning through projects in 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 (PCL)-** Fundamental Laboratory Courses essential to Physical Science.
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 Courses (INC/INM)-** Industry/R&D Organizations/Academic institutions of national importance/ Idea lab/Centre for Future Skills 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 Calculations

$$SS = 1.5L + 0.5T + 0.5P + R \text{ ----------(4.1)}$$

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													
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	26NNMES105	ESC	Fundamentals of Engineering Mechanics	3	1	0	0	5	40	60	3	4
4	D	26NNCES106	ESC	Introduction to Mechanical and Civil Engineering (Part 1: Mechanical Engineering)	2	0	0	0	3	20	30	4	4
				(Part 2: 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	26NNMSE10Q	SEC	Skill Enhancement Course								1	2
Total									**25.5/ 26.5***			**21**	**25**

SECOND SEMESTER- Stream C													
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	26ABMES101	ESC	Engineering Graphics and Computer Aided Drawing	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
				(Part 2: Electronics Engineering)	2	0	0	0	3				
5	E	26NNMPC201	PCC	Industrial Metallurgy and Materials Engineering	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, 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	H	26ABMEL101	ESC	Basic Electrical and Electronics Engineering workshop	0	0	2	0	1	50	50	2	2
9	S	26NNMSE20Q	SEC	Skill Enhancement Course								1	2
				Total					**26/ 27***			**22**	**26**

THIRD SEMESTER- Stream C													
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	26NBCBS301	BSC	Calculus of Complex Functions and Fourier Transforms	2	1	0	0	3.5	40	60	3	3
2	B	26NNMPC301	PCC	Mechanics of Solids	2	1	0	0	3.5	40	60	3	3
3	C	26NNMPC302	PCC	Engineering Thermodynamics	2	1	0	0	3.5	40	60	3	3
4	D	26NNMPB301	PBL	Manufacturing Process	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	26NNMLC301	PCL	Computer Aided Machine Drawing and Modelling	0	0	3	0	1.5	50	50	2	3
8	H	26NNMLC302	PCL	Material Testing Lab	0	0	3	0	1.5	50	50	2	3
9	M	26NNMVM301	VAC	MINOR	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNMSE30Q	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 four 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													
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	26NNCBS401	BSC	Probability Distributions, Statistics and Numerical Methods	2	1	0	0	3.5	40	60	3	3
2	B	26NNMPC401	PCC	Industrial and Systems Engineering	2	1	0	0	3.5	40	60	3	3
3	C	26NNMPC402	PCC	Fluid Mechanics and Machinery	2	1	0	0	3.5	40	60	3	3
4	D	26NNMPC403	PCC	Machine Tools and Metrology	2	1	0	0	3.5	40	60	3	3
5	E	26NNMPB401	PBL	Mechanics of Machinery	3	0	0	1	5.5	60	40	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	26NNMLC401	PCL	Fluid Mechanics and Hydraulic Machines Lab	0	0	3	0	1.5	50	50	2	3
8	H	26NNMLC402	PCL	Manufacturing Technology Lab	0	0	3	0	1.5	50	50	2	3
9	M	26NNMVM401	VAC	MINOR	3	0	0	0	4.5	40	60	4*	3*
	U	26NNMVH4Q1		HONORS	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNMSE40Q	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 Organizations, Academic institutions of national importance, Idea labs, Centre for Future Skills, 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 enroll 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													
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	26NNMPC501	PCC	Dynamics of Machinery	2	1	0	0	3.5	40	60	3	3
2	B	26NNMPC502	PCC	Machine Design	2	1	0	0	3.5	40	60	3	3
3	C	26NNMPC503	PCC	Thermal Engineering	2	1	0	0	3.5	40	60	3	3
4	D	26NNMPB501	PBL	Management for Engineers	3	0	0	1	5.5	60	40	4	4
5	E	26NNMPE51Q	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									
7	G	26NNMLC501	PCL	Mechanics and Measurements Lab	0	0	3	0	1.5	50	50	2	3
8	H	26NNMLC502	PCL	Thermal Engineering Lab	0	0	3	0	1.5	50	50	2	3
9	M	26NNMVM501	VAC	MINOR	3	0	0	0	4.5	40	60	4*	3*
	U	26NNMVH5Q1		HONORS	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNMSE50Q	SEC	Skill Enhancement Course								1	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***

Elective Courses (PEC-1)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMPE511	Composite Materials	Nil
2	26NNMPE512	Turbo Machinery	Fluid Mechanics and Machinery
3	26NNMPE513	Advanced Metal Joining Techniques	Nil
4	26NNMPE514	Supply Chain and Logistics Management	Nil
5	26NNMPE515	Operations Research	Nil

SIXTH SEMESTER- Steam C														
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	26NNMPC601	PCC	Industrial Automation and Robotics	2	1	0	0	3.5	40	60	3	3
2	B	26NNMPC602	PCC	Design of Transmission Elements	2	1	0	0	3.5	40	60	3	3
3	C	26NNMPC603	PCC	Advanced Manufacturing Engineering	2	1	0	0	3.5	40	60	3	3
4	D	26NNMPB601	PBL	Heat and Mass Transfer	3	0	0	1	5.5	60	40	4	4
5	E	26NNMPE62Q	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									
7	G	26NNMLC601	PCL	Computer Aided Design and Analysis Lab	0	0	3	0	1.5	50	50	2	3
8	H	26NNMLC602	PCL	Heat Transfer and Automation Lab	0	0	3	0	1.5	50	50	2	3
9	M	26NNMVM601	VAC	MINOR	3	0	0	0	4.5	40	60	3*	3*
	U	26NNMVH6Q1	VAC	HONORS	3	0	0	0	4.5	40	60	4*	3*
	REMEDIAL												
10	S	26NNMSE60Q	SEC	Skill Enhancement Course								**1**	**2**
	S5/S6	Industrial Visit (Maximum 5 Days are permitted, Not Exceeding more than 3 Working Days)											
11		26ABCIN601	INM	Mandatory Internship - Evaluation by a Committee								1	
Total									**26.5/ 35.5***			**25/32***	**26/32***

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**.

Elective Courses (PEC-2)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMPE621	Refrigeration and Air Conditioning	Engineering Thermodynamics
2	26NNMPE622	Non-Destructive Testing	Nil
3	26NNMPE623	Marketing Management	Nil
4	26NNMPE624	Optimization Techniques	Nil
5	26NNMPE625	Automobile Engineering	Nil

SEVENTH SEMESTER- Stream C														
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	26NNMPE73Q	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	26NNMPE74Q	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	26NNMOE71Q /26NNMIE71Q	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	26NNMSM701	SMR	Seminar	0	0	0	3	1.5	50	0	2	3
6	P	26NNMPR701/ 26NNMIN701	PRJ/ INC	Major Project Phase-I/Internship	0	0	0	8	8	100	0	4	8
7	U	26NNMVH7Q1	VAC	HONORS	3	0	0	0	4.5	40	60	3*	3*
	REMEDIAL												
8	S	26NNMSE70Q	SEC	Skill Enhancement Course								1	2
Total									**26/ 30.5***			**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.**

Slot D: 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	26ABCHE716	Introduction to Japanese Language and Culture (N5 level) (MOOC)	Nil

Elective Courses (PEC-3)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMPE731	Additive Manufacturing	Nil
2	26NNMPE732	Industrial Safety Engineering	Nil
3	26NNMPE733	Computer Aided Design and Manufacturing	Machine Tools and Metrology
4	26NNMPE734	Quality Engineering and Management	Nil
5	26NNMPE735	Aerospace Engineering	Nil

Elective Courses (PEC-4)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMPE741	Computational Fluid Dynamics	Fluid Mechanics and Machinery
2	26NNMPE742	Operations Management	Nil
3	26NNMPE743	Renewable Energy	Nil
4	26NNMPE744	Metallurgical Failure Analysis	Nil
5	26NNMPE745	Numerical Simulation using FEM	Mechanics of Solids

OPEN ELECTIVE COURSES (OEC-1)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMOE711	Composite Materials for Engineering Applications	Nil
2	26NNMOE712	Green Energy Engineering	Nil
3	26NNMOE713	Quality Engineering	Nil
4	26NNMOE714	Design for Manufacturing	Nil
5	26NNMOE715	Human Resources Management	Nil

EIGHTH SEMESTER- Stream C												
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	26NNMPE85Q	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	26NNMOE82Q /26NNMIE82Q	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	26NNMPR801/ 26NNMPJ801/ 26NNMIN801	PRJ/ INC	Major Project Phase-II / Major Project / Internship	0	0	0	8	8	100	0	6	8
				Total					**20**			**13**	**16**

Elective Courses (PEC-5)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMPE851	Design for X	Nil
2	26NNMPE852	Cryogenic Engineering	Engineering Thermodynamics
3	26NNMPE853	Micro and Nano Manufacturing	Advanced Manufacturing Engineering
4	26NNMPE854	Hybrid and Electric Vehicles	Nil
5	26NNMPE855	Financial Management	Nil

OPEN ELECTIVE COURSES (OEC-2)			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMOE821	Additive Manufacturing and Prototyping	Nil
2	26NNMOE822	Power Plant Engineering	Nil
3	26NNMOE823	Nanotechnology	Nil
4	26NNMOE824	Industrial Engineering and Management	Nil
5	26NNMOE825	Integrated CAD/CAM	Nil

Minor Courses

Minor Courses (VAC)- Basket-1			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMVM301	Material Science and Technology	Nil
2	26NNMVM401	Manufacturing Technology	Nil
3	26NNMVM501	Machine Tools Engineering/MOOC	Nil
4	26NNMVM601	Introduction to Additive and Digital Manufacturing/ MOOC	Nil

Honor Courses

Honors Courses (VAC) - Basket-1			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMVH411	Continuum Mechanics	Mechanics of Solids
2	26NNMVH511	Experimental Stress Analysis	Mechanics of Solids
3	26NNMVH611	Advanced Design Synthesis/MOOC	Mechanics of Machinery
4	26NNMVH711	Advanced Theory of Vibrations/MOOC	Dynamics of Machinery

Honors Courses (VAC) - Basket-2			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMVH421	Advanced Thermodynamics	Engineering Thermodynamics
2	26NNMVH521	Advanced Fluid Mechanics	Fluid Mechanics and Machinery
3	26NNMVH621	Compressible Fluid Flow/MOOC	Fluid Mechanics and Machinery Engineering Thermodynamics
4	26NNMVH721	Numerical Methods for Fluid Flow and Heat transfer Applications/MOOC	Fluid Mechanics and Machinery, Heat and Mass Transfer

Honors Courses (VAC) - Basket-3			
Sl. No:	**Course Code**	**Name of the Subject**	**Prerequisites (If Any)**
1	26NNMVH431	Advanced Materials and Processing	Material Science Engineering
2	26NNMVH531	Precision Machining	Nil
3	26NNMVH631	Advances in Welding and Joining Technologies/ MOOC	Manufacturing Process
4	26NNMVH731	Additive Manufacturing: Design, Physics, and Metallurgy/ MOOC	Nil

Credit Distribution Overview

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

Semester	***BSC***	***ESC***	***HMC/ HME***	***SEC***	***PCC+ PCL***	***PBL***	***PEC***	***OEC/ IEC***	***SMR+ PRJ/INC***	***INM***	***Total Credits*** *Semester wise*
S1	6	13	1	1	-	-	-	-	-	-	**21**
S2	6	9	3	1	3	-	-	-	-	-	**22**
S3	3	5	-	1	10	4	-	-	-	-	**23**
S4	3	2	-	1	13	4	-	-	-	-	**23**
S5	-	-	3	1	13	4	3	-	-	-	**24**
S6	-	-	3	1	13	4	3	-	-	1	**25**
S7	-	-	1	1	-	-	6	3	6	-	**17**
S8	-	-	1	-	-	-	3	3	6	-	**13**
Total Credits *Category wise*	**18**	**29**	**12**	**7**	**52**	**16**	**15**	**6**	**12**	**1**	**168**
Additional Credits											
Minor Courses	Minor courses are offered from the third to the sixth semester. (4+4+4+3=15 Credits)										15
Honor Courses	Honor courses are offered from the fourth to the seventh semester. (4+4+4+3=15 Credits)										15
Activity Points Credits	NSS, NCC, NSO (National Sports Organization)/Arts/Sports/Games/Union/Club Activities - 50 Points										**1**
	English Proficiency Certification (TOEFL, 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.**