



R.M.D. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M Nagar, Kavaraipettai, Gummidipoondi Taluk,
Thiruvallur District, Tamil Nadu- 601206

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi /
Accredited by NAAC /All the Eligible UG Programs are Accredited by NBA, New Delhi

B.Tech. Degree in

INFORMATION TECHNOLOGY

CURRICULUM AND SYLLABI

REGULATIONS 2022

CHOICE BASED CREDIT SYSTEM

(For the students admitted in the Academic Year 2023 – 2024)

DEPARTMENT OF INFORMATION TECHNOLOGY

R.M.D. ENGINEERING COLLEGE

KAVARAIPETTAI – 601 206

TAMILNADU, INDIA.

R.M.D. ENGINEERING COLLEGE
(An Autonomous Institution)
B.TECH INFORMATION TECHNOLOGY
REGULATIONS – 2022
CHOICE BASED CREDIT SYSTEM

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To ensure graduates will be proficient in utilizing the fundamental knowledge of basic sciences, mathematics and Information Technology for the applications relevant to various streams of Engineering and Technology.
2. To enrich graduates with the core competencies necessary for applying knowledge of computers and telecommunications equipment to store, retrieve, transmit, manipulate and analyze data in the context of business enterprise.
3. To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.
4. To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.
5. To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

PROGRAM OUTCOMES (POs)**ENGINEERING GRADUATES WILL BE ABLE TO:**

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

After the successful completion of the program, the graduates will be able to:

1. To create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
2. To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.
3. Identify and utilize the strengths of current technologies in the hardware/support and mobile technology domains in implementing IT enabled services for societal needs.

MAPPING OF PROGRAMME EDUCATIONAL OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the programme objective and the outcomes is given in the following table

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)	PROGRAMME OUTCOMES (POs)											
	P O1	P O2	P O3	P O4	PO5	PO6	PO7	P O8	PO9	PO10	PO11	PO12
PEO1	3	2										2
PEO2	3	3	1	1								2
PEO3			3			1						3
PEO4			3		1	2	3	1				
PEO5				3				1	1	2	2	1

MAPPING OF PROGRAM SPECIFIC OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the Program Specific Objectives and the outcomes is given in the following table

PROGRAM SPECIFIC OBJECTIVES (PSOs)	PROGRAMME OUTCOMES											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PSO1	3	2			3				2	2		3
PSO2	3	3	3	3	3	3	3	3	3	3	3	3
PSO3				3			3	3			3	2

Contribution

1: Reasonable

2: Significant

3: Strong



R.M.D. ENGINEERING COLLEGE
(An Autonomous Institutions)

B.TECH INFORMATION TECHNOLOGY
REGULATIONS – 2022
CHOICE BASED CREDIT SYSTEM

I - VIII SEMESTERS CURRICULUM

SEMESTER-I

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
THEORY COURSES								
1	22GE102	Heritage of Tamils	HSMC	1	1	0	0	1
THEORY COURSES WITH LABORATORY COMPONENT								
2	22MA101	Matrices and Calculus	BSC	5	3	0	2	4
3	22CH101	Engineering Chemistry	BSC	5	3	0	2	4
4	22CS101	Problem Solving using C++	ESC	5	3	0	2	4
5	22CS102	Software Development Practices	ESC	5	3	0	2	4
6	22EC101	Digital Principles and System Design	ESC	5	3	0	2	4
LABORATORY COURSES WITH THEORY COMPONENT								
7	22GE111	Computer Aided Engineering Graphics	ESC	3	1	0	2	2
LABORATORY COURSES								
8	22GE112	Product Development Lab-I	EEC	2	0	0	2	1
MANDATORY COURSES								
9	22MC101	Induction Program (Non Credit)	MC	3 Weeks				
TOTAL				31	17	0	14	24

SEMESTER-II

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
THEORY COURSES								
1	22GE201	Tamils and Technology	HSMC	1	1	0	0	1
THEORY COURSES WITH LABORATORY COMPONENT								
2	22MA201	Transforms and Numerical Methods	BSC	5	3	0	2	4
3	22CS201	Data Structures	ESC	5	3	0	2	4
4	22PH201	Physics for Computer Science and Information Technology	BSC	5	3	0	2	4
5	22HS101	Professional Communication	HSMC	4	2	0	2	3
6	22CS202	Java Programming	ESC	5	3	0	2	4
7	22IT201	Database Management Systems	PCC	5	3	0	2	4
LABORATORY COURSES								
8	22GE211	Product Development Lab-II	EEC	2	0	0	2	1
MANDATORY COURSES								
9	22CH102	Environmental Sciences and Sustainability (Non Credit)	MC	2	2	0	0	0
AUDIT COURSES								
10	22AC201	Yoga for Stress Management	AC	1	1	0	0	0
TOTAL				35	21	0	14	25

SEMESTER-III

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY COURSES								
1.	22GE301	Universal Human Values II: Understanding Harmony	HSMC	3	2	1	0	3
2.	22MA301	Discrete Mathematics	BSC	4	3	1	0	4
3.	22IT302	Design Thinking	ESC	3	2	1	0	3
THEORY COURSES WITH LABORATORY COMPONENTS								
4.	22CS307	Advanced Java Programming	PCC	5	3	0	2	4
5.	22CS306	Design and Analysis of Algorithms	PCC	5	3	0	2	4
6.	22CS304	Operating Systems	PCC	4	2	0	2	3
LABORATORY COURSES								
7.	22GE311	Product Development Lab-III	EEC	2	0	0	2	1
EMPLOYABILITY ENHANCEMENT COURSES								
8.	22CS311	Aptitude and Coding Skills I	EEC	2	0	0	2	1
9.	22IT311	Internship/Seminar	EEC	2	0	0	2	1
AUDIT COURSE								
10.	22AC301	Value Education (Non Credit)	AC	1	1	0	0	0
TOTAL				31	16	3	12	24

SEMESTER-IV

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY COURSES WITH LABORATORY COMPONENTS								
1.	22MA401	Probability and Statistics	BSC	5	3	0	2	4
2.	22IT405	Artificial Intelligence and Machine Learning	PCC	5	3	0	2	4
3.	22IT402	Computer Architecture and Microprocessors	PCC	5	3	0	2	4
4.	22IT407	Web Development Frameworks	PCC	5	3	0	2	4
5.	22IT406	Application System Design with UML	PCC	4	2	0	2	3
6.		Professional Elective I	PEC	4	2	0	2	3
LABORATORY COURSES								
7.	22GE411	Product Development Lab - IV	EEC	2	0	0	2	1
EMPLOYABILITY ENHANCEMENT COURSES								
8.	22CS411	Aptitude and Coding Skills - II	EEC	2	0	0	2	1
AUDIT COURSE								
9.	22AC401	Yoga/Personality (Non Credit)	AC	1	1	0	0	0
TOTAL				33	17	0	16	24

SEMESTER-V

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY COURSES WITH LABORATORY COMPONENT								
1.	22IT501	Data Communications and Computer Networks	PCC	5	3	0	2	4
2.	22CS702	Data Analytics	PCC	5	3	0	2	4
3.	22IT504	Managing Cloud and Containerization	PCC	5	3	0	2	4
4.		Professional Elective II	PEC	4	2	0	2	3
5.		Professional Elective III	PEC	4	2	0	2	3
THEORY COURSES								
6.		Open Elective I	OEC	3	3	0	0	3
EMPLOYABILITY ENHANCEMENT COURSES								
7.	22CS511	Advanced Aptitude and Coding Skills - I	EEC	2	0	0	2	1
8.	22IT511	Internship/Seminar	EEC	2	0	0	2	1
MANDATORY COURSE								
9.	22MC501	Indian Constitution (Non Credit)	MC	1	1	0	0	0
TOTAL				31	17	0	14	23

SEMESTER-VI

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY COURSES WITH LABORATORY COMPONENT								
1.	22IT602	Embedded Systems and Internet of Things	PCC	4	2	0	2	3
2.	22IT603	Mobile Application Framework and Development	PCC	4	2	0	2	3
3.		Professional Elective IV	PEC	4	2	0	2	3
4.		Professional Elective V	PEC	4	2	0	2	3
THEORY COURSES								
5.		Open Elective II	OEC	3	3	0	0	3
6.		Open Elective III	OEC	3	3	0	0	3
EMPLOYABILITY ENHANCEMENT COURSES								
7.	22CS611	Advanced Aptitude and Coding Skills – II	EEC	2	0	0	2	1
TOTAL				24	14	0	10	19

SEMESTER-VII

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY COURSES WITH LABORATORY COMPONENT								
1.	22IT702	Microservice Architecture	PCC	5	3	0	2	4
2.		Professional Elective VI	PEC	4	2	0	2	3
THEORY COURSES								
3.	22CS603	Professional Ethics	HSMC	3	3	0	0	3
4.		Open Elective IV	OEC	3	3	0	0	3
EMPLOYABILITY ENHANCEMENT COURSES								
5.	22IT711	Professional Readiness for Innovation, Employability and Entrepreneurship	EEC	6	0	0	6	3
MANDATORY COURSE								
6.	22MC701	Essence of Indian Knowledge Tradition (Non Credit)	MC	1	1	0	0	0
TOTAL				22	12	0	10	16

SEMESTER-VIII

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
LABORATORY COURSES								
1.	22IT811	Project Work	EEC	16	0	0	16	8
TOTAL				16	0	0	16	8

TOTAL NO. OF CREDITS: 163

CREDIT SUMMARY

S. No.	Subject Area	Credits Per Semester								Credit Total	Percentage
		I	II	III	IV	V	VI	VII	VIII		
1	HSMC	1	4	3	-	-	-	3	-	11	6.75%
2	BSC	8	8	4	4	-	-	-	-	24	14.72%
3	ESC	14	8	3	-	-	-	-	-	25	15.33%
4	PCC	-	4	11	15	12	6	4	-	52	31.9%
5	PEC	-	-	-	3	6	6	3	-	18	11.04%
8	OEC	-	-	-	-	3	6	3	-	12	7.36%
7	EEC	1	1	3	2	2	1	3	8	21	12.88%
	Total	24	25	24	24	23	19	16	8	163	

HSMC - Humanities and Social Sciences including Management Course; BSC – Basic Science Course; ESC – Engineering Science Course; PCC – Professional Core Course; PEC – Professional Elective Course; EEC – Employability Enhancement Course; MC – Mandatory Course; AC – Audit Course

PROFESSIONAL ELECTIVE COURSES - VERTICALS**VERTICAL I- DATA SCIENCE**

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22AM001	Introduction to Generative AI	PEC	3	3	0	0	3
2.	22AM004	Introduction to Data Science	PEC	3	3	0	0	3
3.	22AM905	Image and Video Analytics	PEC	3	3	0	0	3
4.	22AM904	Text and Speech Analytics	PEC	3	3	0	0	3
5.	22AM906	Stream Processing and Analytics	PEC	3	3	0	0	3
6.	22IT937	Business Intelligence on Oracle Cloud (Oracle Cloud Business Intelligence Reporting 2021 Certified Specialist)	PEC	Credit Transfer Course				3

VERTICAL II- CYBER SECURITY

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT978	Cyber Security	PEC	4	2	0	2	3
2.	22CS902	Social Network Security	PEC	4	2	0	2	3
3.	22CS904	Cloud and Data Security	PEC	3	3	0	0	3
4.	22CS905	Digital and Mobile Forensics	PEC	3	3	0	0	3
5.	22CS906	Vulnerability Analysis and Penetration Testing	PEC	3	3	0	0	3
6.	22IT956	Information Security	PEC	3	3	0	0	3
7.	22IT957	Artificial Intelligence in Cyber Security	PEC	3	3	0	0	3
8.	22CS001	Ethical Hacking	PEC	3	3	0	0	3
9.	22IT938	Certified Ethical Hacking	PEC	Credit Transfer Course				3

VERTICAL III- FULL STACK ENGINEERING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT903	Software Testing and Automation	PEC	4	2	0	2	3
2.	22IT976	Server-Side Programming	PEC	4	2	0	2	3
3.	22IT910	REST Application Development using Spring Boot and JPA	PEC	4	2	0	2	3
4.	22IT977	DevOps	PEC	4	2	0	2	3
5.	22IT901	Web Application Security	PEC	4	2	0	2	3
6.	22IT958	Compiler Design	PEC	4	2	0	2	3
7.	22IT911	Java Development on Oracle Cloud (Oracle Java SE 11 Developer Certification)	PEC	Credit Transfer Course				3

VERTICAL IV- MEDIA PROCESSING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT970	Augmented and Virtual Reality	PEC	3	3	0	0	3
2.	22IT971	Computer Graphics and Multimedia	PEC	3	3	0	0	3
3.	22IT972	Digital Marketing	PEC	3	3	0	0	3
4.	22IT973	Human Computer Interaction	PEC	3	3	0	0	3
5.	22IT974	Visual Effects	PEC	3	3	0	0	3
6.	22IT975	Game Design	PEC	3	3	0	0	3

VERTICAL V- FIN TECH AND WEB 3.0

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT912	Blockchain Technologies	PEC	3	3	0	0	3
2.	22IT913	Introduction to Fintech	PEC	3	3	0	0	3
3.	22IT914	Bitcoin and Cryptocurrency	PEC	3	3	0	0	3
4.	22IT915	Blockchain Development	PEC	3	3	0	0	3
5.	22IT916	Decentralized Finance (DeFi)	PEC	3	3	0	0	3
6.	22IT917	Blockchain Developer	PEC	Credit Transfer Course				3

VERTICAL VI- ARTIFICIAL INTELLIGENCE

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22AM921	Soft Computing	PEC	3	3	0	0	3
2.	22AM922	Applied AI and ML	PEC	3	3	0	0	3
3.	22AM903	Social Network Analytics	PEC	3	3	0	0	3
4.	22CS937	Reinforcement and Ensemble Learning	PEC	3	3	0	0	3
5.	22AM925	Computational Neuroscience	PEC	3	3	0	0	3
6.	22IT939	Machine Learning on Oracle Cloud (Oracle Machine Learning using Autonomous Database 2021 Certified Specialist)	PEC	Credit Transfer Course				3

VERTICAL VII- QUANTUM COMPUTING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22MA901	Linear Algebra	PEC	3	3	0	0	3
2.	22IT918	Introduction to Quantum Computing	PEC	3	3	0	0	3
3.	22IT919	Quantum Information Theory	PEC	3	3	0	0	3
4.	22IT920	Quantum Computing Architecture	PEC	3	3	0	0	3
5.	22IT921	Quantum Algorithms	PEC	3	3	0	0	3
6.	22IT922	Quantum Statistical Data Analysis	PEC	3	3	0	0	3

OPEN ELECTIVE COURSES – OFFERED TO OTHER DEPARTMENTS

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT001	WebDevelopmentFrameworks	OEC	3	3	0	0	3
2.	22IT002	RESTApplicationDevelopmentusingSpringBootandJPA	OEC	3	3	0	0	3
3.	22IT003	ManagingCloudandContainerization	OEC	3	3	0	0	3
4.	22IT004	SoftwareTestingandAutomation	OEC	3	3	0	0	3

**CURRICULUM OF B.TECH (HONOURS) IN INFORMATION TECHNOLOGY
WITH SPECIALIZATION IN**

**Data Science| Cyber Security | Full Stack Engineering | Media Processing|
Fintech and Web 3.0 | Artificial Intelligence | Quantum Computing**

HONOURS DEGREE WITH SPECIALIZATION IN DATA SCIENCE

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT946	Neural Networks and Deep Learning	PEC	3	3	0	0	3
2.	22IT947	Recommender Systems	PEC	3	3	0	0	3
3.	22IT948	Data Exploration and Visualization	PEC	3	3	0	0	3
4.	22IT949	Cognitive Science and Analytics	PEC	3	3	0	0	3
5.	22IT950	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN CYBER SECURITY

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT941	Engineering Secure Software Systems	PEC	3	3	0	0	3
2.	22IT942	Network Design and Programming	PEC	3	3	0	0	3
3.	22IT943	Fault Tolerant Computing	PEC	3	3	0	0	3
4.	22IT944	Enterprise Cyber Security	PEC	3	3	0	0	3
5.	22IT945	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN FULL STACK ENGINEERING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT979	Front End Engineering	PEC	3	3	0	0	3
2.	22IT980	Server-Side Engineering	PEC	3	3	0	0	3
3.	22IT907	Scalable Messaging Infrastructure - Apache Kafka	PEC	3	3	0	0	3
4.	22IT908	Usability Design of Software Application	PEC	3	3	0	0	3
5.	22IT909	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN MEDIA PROCESSING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT923	Design Programming	PEC	3	3	0	0	3
2.	22IT924	Computer Graphics for Virtual Reality	PEC	3	3	0	0	3
3.	22IT925	Concepts of Virtual and Augmented Reality	PEC	3	3	0	0	3
4.	22IT926	Mobile VR and AI in Moduley	PEC	3	3	0	0	3
5.	22IT932	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN FINTECH AND WEB 3.0

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT927	Fundamentals of Blockchain	PEC	3	3	0	0	3
2.	22IT928	Smart Contracts and Solidity	PEC	3	3	0	0	3
3.	22IT929	Blockchain Platforms and Usecases	PEC	3	3	0	0	3
4.	22IT930	Blockchain Security and Performance	PEC	3	3	0	0	3
5.	22IT931	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN ARTIFICIAL INTELLIGENCE

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT934	Knowledge Engineering	PEC	3	3	0	0	3
2.	22IT933	Foundations of Deep Learning	PEC	3	3	0	0	3
3.	22IT935	Computer Vision	PEC	3	3	0	0	3
4.	22IT936	Foundations of Natural Language Processing	PEC	3	3	0	0	3
5.	22IT940	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

HONOURS DEGREE WITH SPECIALIZATION IN QUANTUM COMPUTING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT951	Quantum Computing Foundations	PEC	3	3	0	0	3
2.	22IT952	Quantum Programming	PEC	3	3	0	0	3
3.	22IT953	Quantum Cryptography	PEC	3	3	0	0	3
4.	22IT954	Machine Learning with Quantum Computing	PEC	3	3	0	0	3
5.	22IT955	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

MINOR DEGREE WITH SPECIALIZATION IN FULL STACK ENGINEERING

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT959	Front End Engineering	PEC	3	3	0	0	3
2.	22IT960	Server-side Programming	PEC	3	3	0	0	3
3.	22IT961	Microservice Architecture	PEC	3	3	0	0	3
4.	22IT962	DevOps	PEC	3	3	0	0	3
5.	22IT963	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18

MINOR DEGREE WITH SPECIALIZATION IN ENTREPRENEURSHIP AND INNOVATION

Sl. No.	Course Code	Course Title	Category	Contact Periods	L	T	P	C
1.	22IT964	Foundations of Entrepreneurship	PEC	3	3	0	0	3
2.	22IT965	Team Building and Leadership Management for Business	PEC	3	3	0	0	3
3.	22IT966	Creativity and Innovation in Entrepreneurship	PEC	3	3	0	0	3
4.	22IT967	Principles of Marketing Management for Business	PEC	3	3	0	0	3
5.	22IT968	Capstone Design Project	EEC	12	0	0	12	6
Total				24	12	0	12	18