VIMAL JYOTHI
ENGINEERING COLLEGE (AUTONOMOUS)
Jyothi Nagar, Chemperi - 670632, Kannur D.T, Kerala

NAAC

NBA
NATIONAL BOARD
OF ACCREDITATION

VJEC B. Tech. CURRICULUM 2024

Semester I to VIII

Computer Science and Engineering and Business Systems

Branch Code: CU

(Group A)

					FIRST SEMESTER (July-December): Group A										
					10 Days Compulsory Induction Program and UHV										
Sl. No:	**Slot**	**Course Code**	**Course Type**	**Course Category**	**Course Title (Course Name)**	**Credit Structure**				**SS**	**Total Marks**		**Credits**	**Hrs./Week**
						L	**T**	**P**	**R**		**CIA**	**ESE**		
1	A	GAMAT101	BSC	GC	Mathematics for Computer Science-1	3	0	0	0	4.5	40	60	3	3
2	B S1/ S2	GAPHT121	BSC	GC	Physics for Computer Science	3	0	2	0	5.5	40	60	4	5
		GXCYT122			Chemistry for Computer Science and Electrical Science.									
3	C	GXEST103	ESC	GC	Engineering Graphics and Computer Aided Drawing.	2	0	2	0	4	40	60	3	4
4	D	GXEST104	ESC	GC	Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering)	2	0	0	0	3	20	30	2+2=4	4
					(Part 2: Electronics Engineering)	2	0	0	0	3	20	30		
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GXESL106	ESC	GC	Basic Electrical and Electronics Engineering Workshop	0	0	2	0	1	50	50*	1	2
7	I** S1/ S2	UCHWT127	HWP	UC	Health and Wellness	1	0	1	0	0	50	0	1	2/3
		UCHUT128	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0		
8	S1/ S2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	MOOC**				2			-	
Total										30/ 32			**20**	**25/ 26**
Bridge Course (Mathematics or Introduction to Computer Science) *: Total 15 Hrs.														

- *No end semester examination*

***No Grade Points will be awarded for the MOOC course and I slot course.**

   ➢ L-T-P-R: Lecture-Tutorial-Practical-Project
   ➢ SS (Self Study) Hours= 1.5L+0.5 T+0.5P+R
   ➢ CIA: Continuous Internal Assessment, ESE: End Semester Examination

Note: Physics, Chemistry, Health and Wellness & Life Skill and Professional Communication can be offered in both Semester 1 (S1) and Semester 2 (S2).

Digital 101 (NASSCOM)		
Sl. No:	**Technologies Covered**	**Hours**
1	Artificial intelligence and Big Data Analytics (AI/BDA)	11
2	Internet of Things (IoT)	2.5
3	Cyber Security	2.5
4	Block Chain	2.5
5	Robotic Process Automation	1.5
6	Augmented Reality and Virtual Reality (AR and VR)	2.5
7	Cloud Computing	2.5
8	3 D Printing and Modelling	2
9	Web, Mobile Dev and Marketing	2
10	Responsible AI	1
	Total Hours	**30**

Skill Enhancement Course: Digital 101 is an introductory Massive Open Online Course (MOOC) offered by NASSCOM. It is designed to provide students with foundational knowledge and skills in digital technologies, preparing them for further studies and careers in the digital domain. By incorporating the Digital 101 course into the curriculum, we ensures that all students gain valuable digital skills early in their academic journey, enhancing their readiness for advanced courses and future careers in technology.

Course Registration and Completion:

- *Students have the flexibility to register and complete the Digital 101 course either in their first semester (S1) or second semester (S2).*
- *The credit for this course (1 credit) will be officially recorded in the second semester grade card.*

						Credit Structure				SS	Total Marks		Credits	Hrs./ Week
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	L	T	P	R		CIA	ESE		
1	A	GAMAT201	BSC	GC	Mathematics for Computer Science-2	3	0	0	0	4.5	40	60	3	3
2	B S1/ S2	GAPHT121	BSC	GC	Physics for Computer Science	3	0	2	0	5.5	40	60	4	5
		GXCYT122			Chemistry for Computer Science and Electrical Science									
3	C	GXEST203	ESC	GC	Foundations of Computing: From Hardware Essentials to Web Design	3	0	0	0	4.5	40	60	3	3
4	D	GXEST204	ESC	GC	Programming in C	3	0	2	0	5.5	40	60	4	5
5	E	PCCST205	PC	PC	Discrete Mathematics	3	1	0	0	5	40	60	4	4
6	F	UCEST206	ESC	UC	Engineering Entrepreneurship & IPR	3	0	0	0	4.5	60	40	3	3
7	I** S1/ S2	UCHWT127	PW	UC	Health and Wellness	1	0	1	0	0	50	0	1	2/3
		UCHUT128	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0		
8	L	GXESL208	ESC	GC	IT Workshop	0	0	2	0	1	50	50*	1	2
	S1/ S2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	MOOC**							1	
Total										34			24	27/ 28

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
					THIRD SEMESTER (July-December)	L	T	P	R		CIA	ESE		
1	A	GAMAT301	BSC	GC	Mathematics for Computer Science-3	3	0	0	0	4.5	40	60	3	3
2	B	PCCUT302	PC	PC	Fundamentals of Management	3	1	0	0	5	40	60	4	4
3	C	PCCST303	PC	PC	Data Structures and Algorithms	3	1	0	0	5	40	60	4	4
4	D	PBCST304	PC-PBL	PB	Object Oriented Programming	3	0	0	1	5.5	60	40	4	4
5	F	GAEST305	ESC	GC	Digital Electronics & Logic Design	3	1	0		5	40	60	4	4
6	G S3/S4	UCHUT346 / UCHUT347	HMC	UC	Economics for Engineers / Engineering Ethics and Sustainable Development	2	0	0	0	3	50	50	2	2
7	L	PCCSL307	PCL	PC	Data Structures Lab	0	0	3	0	1.5	50	50	2	3
8	Q	PCCUL308	PCL	PC	Statistical Methods Lab (R Language)	0	0	3	0	1.5	50	50	2	3
9	R/M		VAC		Remedial/Minor Course	3	1	0	0	5			4*	4*
Total										31/36			25/29*	27/31*
Bridge Course for Lateral Entry Students: Total 15 Hrs.														

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	L	T	P	R	SS	CIA	ESE	Credits	Hrs./ Week
					FOURTH SEMESTER (January-June)									
1	A	GAMAT401	BSC	GC	Mathematics for Computer Science-4	3	0	0	0	4.5	40	60	3	3
2	B	PCCST402	PC	PC	Database Management Systems	3	1	0	0	5	40	60	4	4
3	C	PCCST403	PC	PC	Operating Systems	3	1	0	0	5	40	60	4	4
4	D	PBCST404	PC-PBL	PB	Computer Organization and Architecture	3	0	0	1	5.5	60	40	4	4
5	E	PEXXT41N	PE	PE	PE-1	3	0	0	0	4.5	40	60	3	3
6	G S3/S4	UCHUT346 / UCHUT347	HMC*	UC	Economics for Engineers / Engineering Ethics and Sustainable Development	2	0	0	0	3	50	50	2	2
7	L	PCCSL407	PCL	PC	Operating Systems Lab	0	0	3	0	1.5	50	50	2	3
8	Q	PCCSL408	PCL	PC	DBMS Lab	0	0	3	0	1.5	50	50	2	3
9	R/M/ H		VAC		Remedial/Minor/Honours Course	3	1	0	0	5			4*	4*
Total										31/ 36			24/ 28*	26/ 30*

PROGRAM ELECTIVE I: PEXXT41N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
E	PECST411	Software Engineering	3-0-0-0	**3**	3
	PECUT412	Marketing Management	3-0-0-0		3
	PECST413	Functional Programming	3-0-0-0		3
	PECUT414	Concepts In Machine Learning	3-0-0-0		3
	PECST416	Signals and Systems	3-0-0-0		3
	PECST417	Soft Computing	3-0-0-0		3
	PECUT415	Marketing Research	3-0-0-0		3
	PECST 495	Advanced data structures	3-0-0-0		3

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./ Week
						L	T	P	R		CIA	ESE		
1	A	PCCST501	PC	PC	Computer Networks	3	1	0	0	5	40	60	4	4
2	B	PCCST502	PC	PC	Design and Analysis of Algorithms	3	1	0	0	5	40	60	4	4
3	C	PCCUT503	PC	PC	Computational Statistics	3	0	0	0	4.5	40	60	3	3
4	D	PBCUT504	PC-PBL	PB	Operations Research	3	0	0	1	5.5	60	40	4	4
5	E	PEXXT52N	PE	PE	PE-2	3	0	0	0	4.5	40	60	3	3
6	I*	UCHUM506	HMC	UC	Constitution of India (MOOC)	-	-	-	-	2	-	-	1	-
7	L	PCCSL507	PCL	PC	Networks Lab	0	0	3	0	1.5	50	50	2	3
8	Q	PCCUL508	PCL	PC	Computational Statistics Lab	0	0	3	0	1.5	50	50	2	3
9	R/M/ H			VAC	Remedial/Minor/Honours Course	3	1	0	0	5			4*	4*
	S5/ S6	Industrial Visit (Maximum 12 Days are permitted, Not Exceeding more than 6 Working Days) /Industrial Training												
		Total								30/ 35			23/27*	24/28*

No Grade Points will be awarded for the MOOC course and I slot course. Industrial Training:

Students who are not participating in the industrial visit must attend industrial training during that period.

PROGRAM ELECTIVE 2: PEXXT52N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
E	PECST521	Software Project Management	3-0-0-0	3	3
	PECST522	Artificial Intelligence	3-0-0-0		3
	PECUT523	Financial and Cost Accounting	3-0-0-0		3
	PECUT524	Formal Languages and Automata Theory	3-0-0-0		3
	PECST526	Digital Signal Processing	3-0-0-0		3
	PECST527	Computer Graphics & Multimedia	3-0-0-0		3
	PECST528	Advanced Computer Architecture	2-1-0-0		3
	PECUT525	Managerial Economics	3-0-0-0		3

SIXTH SEMESTER (January-June)														
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	L	T	P	R	SS	CIA	ESE	Credits	Hrs./ Week
1	A	PCCST601	PC	PC	Compiler Design	3	1	0	0	5	40	60	4	4
2	B	PCCUT602	PC	PC	Information Security	3	0	0	0	4.5	40	60	3	3
3	C	PEXXT63N	PE	PE	PE-3	3	0	0	0	4.5	40	60	3	3
4	D	PBCUT604	PC-PBL	PB	IT Project Management	3	0	0	1	5.5	60	40	4	4
5	F	GAEST605	ESC	GC	Design Thinking and Product Development (Group Specific Syllabus)	2	0	0	0	3	40	60	2	2
6	O	OEXXT61N/ IEXXT61N	OE/ILE	OE/IE	OE/ILE-1	3	0	0	0	4.5	40	60	3	3
7	L	PCCUL607	PCL	PC	Information Security Lab	0	0	3	0	1.5	50	50	2	3
8	P	PCCUP608	PWS	PC	Mini Project: Socially Relevant Project	0	0	3	0	1.5	50	50	2	3
9	R/ M/ H		VAC		Remedial/Minor/Honours Course	3	0	0	0	4.5			3*	3*
	S5/ S6	Industrial Visit (Maximum of 12 Days are permitted, Not Exceeding more than 6 Working Days) /Industrial Training												
Total										30/ 35			23/26*	25/28*

Note: Open Electives are such courses which will be offered by other departments. Like CSE department students have to opt open electives from ECE/ME/EEE etc. departments.

 Industrial Training:
Students who are not participating in the industrial visit must attend industrial training during that period.

PROGRAM ELECTIVE 3: PEXXT63N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
C	PECUT631	Financial Management	3-0-0-0	3	3
	PECST632	Deep Learning	3-0-0-0		3
	PECUT633	Modern Web Applications	3-0-0-0		3
	PECST634	Advanced Database Systems	3-0-0-0		3
	PECST636	Digital Image Processing	3-0-0-0		3
	PECST637	Fundamentals of Cryptography	3-0-0-0		3
	PECST639	Randomized algorithms	3-0-0-0		3
	PECUT635	Business Strategy	3-0-0-0		3

OPEN ELECTIVE 1: OECST61N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
O	OECST611	Data Structures	3-0-0-0	3	3
	OECST612	Data Communication	3-0-0-0		3
	OECST613	Foundations of Cryptography	3-0-0-0		3
	OECST614	Machine Learning for Engineers	3-0-0-0		3
	OECST615	Object Oriented Programming	3-0-0-0		3

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs/ Week
						L	T	P	R		CIA	ESE		
SEVENTH SEMESTER (July-December)														
1	A	PEXXT74N/ PEXXM74N	PE	PE	PE-4 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
2	B	PEXXT75N/ PEXXM75N	PE	PE	PE-5 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
3	O	OEXXT72N/ IEXXT72N/ OEXXM72N	OE/ ILE	OE/IE	OE/ILE-2 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
4	I*	UEHUT704/ UEHUM70N	HMC	UE	Elective (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	2	0	0	0	3	50	50	2	2
5	S	PCCUS705	PWS	PC	Seminar	0	0	3	0	1.5	50	0	2	3
6	P**	PCCUP706/ PCCUI706	PWS	PC	Option 1: Major Project Option 2: Internship (4-6 Months)	0	0	0	8	8	100	0	4	8
7	R/H		VAC		Remedial/Honours Course	3	0	0	0	4.5			3*	3*
Total										**26**			**17**	**22**

*No Grade Points will be awarded for the I slot courses.

**Students can opt for the internship either in the 7th or 8th semester.

Option 1: Work on a Project in the institute/department under the mentorship of faculty members. Option 2: Full semester Internship in an Industry/organization (7th or 8th semester)

Note: Open Electives are such courses which will be offered by other departments.

PROGRAM ELECTIVE 4: PEXXT74N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
A	PECUT741	Human Resource Management	3-0-0-0	3	3
	PECUT742	Marketing Communication	3-0-0-0		3
	PECST743	Bioinformatics	3-0-0-0		3
	PECST744	Information Security	3-0-0-0		3
	PECST747	Blockchain and Cryptocurrencies	3-0-0-0		3
	PECST748	Realtime Systems	3-0-0-0		3
	PECST745	Computer Vision	3-0-0-0		3
	PECUT745	Cloud, Microservices and Application	3-0-0-0		3

PROGRAM ELECTIVE 5: PEXXT75N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
B	PECST 751	Advanced Computer Networks	3-0-0-0		3
	PECST 752	Responsible Artificial Intelligence	3-0-0-0		3
	PECST 753	Fuzzy systems	3-0-0-0		3
	PECST 754	Digital Forensics	3-0-0-0	**3**	3
	PECUT 756	Business Ethics and Corporate Governance	3-0-0-0		3
	PECST 757	High Performance Computing	3-0-0-0		3
	PECST 758	Programming Languages	3-0-0-0		3
	PECUT 755	Business Analytics	3-0-0-0		3

OPEN ELECTIVE 2: OECST72N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
O	OECST 721	Cyber Security	3-0-0-0		3
	OECST 722	Cloud computing	3-0-0-0		3
	OECST 723	Software Engineering	3-0-0-0	3	3
	OECST 724	Computer Networks	3-0-0-0		3
	OECST725	Mobile Application Development	3-0-0-0		3

Slot I: HMC Elective	
1	Project Management: Planning, Execution, Evaluation and Control
2	Proficiency course in French. (MOOC) (B1 level)
3	Proficiency Course in German (B1 Level). (MOOC)
4	Proficiency Course in Spanish (B1 Level) (MOOC)
5	Introduction to Japanese Language and Culture (N5 level). (MOOC)

						Credit Structure				SS	Total Marks		Credits	Hrs/ Week
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	L	T	P	R		CIA	ESE		
					EIGHT SEMESTER (January-June)									

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	L	T	P	R	SS	CIA	ESE	Credits	Hrs/ Week
1	A	PEXXT86N / PEXXM86N	PE	PE	PE-6 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
2	O	OEXXT83N/ IEXXT83N/ OEXXM83N	OE/ILE	OE/IE	OE/ILE-3 (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	3	0	0	0	4.5	40	60	3	3
3	I*	UEHUT803/ UEHUM803	HMC	UC	Organizational Behavior and Business Communication (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	2	0	0	0	3	50	50	1	2
4	P**	PCCUP806/ PCCUI806/ PCCUJ806	PWS	PC	Option 1: Major Project Option 2: Internship (4-6 Months) Option 3: Major Project Phase -II (For the students who have not opted for internship in S7/S8)	0	0	0	8	8	100	0	4	8
					Total					20			11	16

No Grade Points will be awarded for the I slot courses.

** Option 2: Full semester Internship in an Industry/organization (**7th or 8th semester**)

PROGRAM ELECTIVE 6: PEXXT86N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
A	PECUT861	Service Science and Service Operations Management	3-0-0-0	3	3
	PECST862	Natural Language Processing	3-0-0-0		3
	PECST863	Topics in Security	3-0-0-0		3
	PECST864	Computational Complexity	3-0-0-0		3
	PECUT866	Behavioral Economics	3-0-0-0		3
	PECST867	Storage Systems	3-0-0-0		3
	PECST868	Prompt Engineering	3-0-0-0		3
	PECUT865	Operations Management	3-0-0-0		3

OPEN ELECTIVE 3: OECST83N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
O	OECST831	Introduction to Algorithms	3-0-0-0	3	3
	OECST832	Web programming	3-0-0-0		3
	OECST833	Software testing	3-0-0-0		3
	OECST834	Internet of things	3-0-0-0		3
	OECST835	Computer Graphics	3-0-0-0		3

HMC Courses			
Sl. No:	Semester	Course Area	Credits
1	S1/S2	Life Skills and Professional Communication	1
2	S3/S4	Economics for Engineers	2
3		Engineering Ethics and Sustainable Development	2
4	S5	Constitution of India. (MOOC)	1
5	S7	Elective (Project Management/Foreign Languages)	2
6	S8	Organizational Behavior and Business Communication	1
Total Credits			**9**

BSC Courses			
Sl. No:	Semester	Course Area	Credits
1	S1	Group Specific Mathematics-1	3
2	S1/S2	Physics for Engineers	4
3		Chemistry for Engineers	4
4	S2	Group Specific Mathematics-2	3
5	S3	Group Specific Mathematics-3	3
6	S4	Group Specific Mathematics-4	3
Total Credits			**20**

ESC Courses (Group A)			
Sl. No:	Semester	Course Area	Credits
1	S1	Engineering Graphics and Computer Aided Drawing	3
2		Introduction to Electrical and Electronics Engineering	4
3		Algorithmic Thinking with Python	4
4		Basic Electrical and Electronics Engineering Workshop	1
5	S2	Foundations of Computing: From Hardware Essentials to Web Design	3
6		Programming in C	4
7		Engineering Entrepreneurship and IPR	3
8		IT Workshop	1
9	S3	Digital Electronics & Logic Design	4
10	S6	Design Thinking and Product Development	2
Total Credits			**29**

Programme Core Courses (PC)			
Sl. No:	Semester	Course Area	Credits
1	S2	Core 1	4
2	S3	Core 2	4
3		Core 3	4
4		Lab-1	2
5		Lab-2	2
6	S4	Core 4	4
7		Core 5	4
8		Lab-3	2
9		Lab-4	2
10	S5	Core 6	4
11		Core 7	4
12		Core 8	3
13		Lab-5	2
14		Lab-6	2
15	S6	Core 9	4
16		Core 10	3
17		Lab-7	2
Total Credits (Theory -10, Lab-7)			**52**

Program Core-Project Based Learning (PBL)			
Sl. No:	Semester	Course Area	Credits
1	S3	Core PBL-1	4
2	S4	Core PBL-2	4
3	S5	Core PBL-3	4
4	S6	Core PBL-4	4
Total Credits			16

Program Elective Courses (PE)			
Sl. No:	Semester	Course Type	Credits
1	S4	PE-1	3
2	S5	PE-2	3
3	S6	PE-3	3
4	S7	PE-4	3
5		PE-5	3
6	S8	PE-6	3
Total Credits			18

Open Elective Courses/Industry Elective(OE/IEL)			
Sl. No:	Semester	Course Type	Credits
1	S6	OE/ILE-1	3
2	S7	OE/ILE-2	3
3	S8	OE/ILE-3	3
Total Credits			9

Project/ Internship and Seminar			
Sl. No:	Semester	Course Type	Credits
1	S6	Mini Project	2
1	S7	Seminar	2
2		Major Project/Internship	4
3	S8	Major Project/Internship/Research Project	4
Total Credits			12

<table>
<tr><th colspan="6">Activity Points</th></tr>
<tr>
<th>Sl. No.</th>
<th>Group</th>
<th>Courses</th>
<th>Credits</th>
<th colspan="2">Minimum Credit Requirements</th>
</tr>
<tr><td>1</td><td rowspan="3">I</td><td>NSS, NCC, NSO (National Sports Organization)</td><td rowspan="3">1
(40 Points)</td><td rowspan="8">3 Credits

(One credit from each Group)</td></tr>
<tr><td>2</td><td>Arts/Sports/Games</td></tr>
<tr><td>3</td><td>Union/Club Activities</td></tr>
<tr><td>4</td><td rowspan="3">II</td><td>English Proficiency Certification (TOFEL, IELTS, BEC etc.)</td><td rowspan="3">1
(40 Points)</td></tr>
<tr><td>5</td><td>Aptitude Proficiency Certification (GRE, CAT, GMAT etc.)/ Valid Gate Score.</td></tr>
<tr><td>6</td><td>Short Term Internship (Minimum 2 weeks), Clinical Exposure/Training (Minimum 2 weeks), Conferences/Paper Presentation/ Workshop Activities/ Professional Body Activities, Participation in University level/State Level/ National Level Hackathons</td></tr>
<tr><td>7</td><td rowspan="2">III</td><td>Journal Publication, Patents, Start-Up, Innovation, Winners of National/ International Level Hackathons</td><td rowspan="2">1
(40 Points)</td></tr>
<tr><td>8</td><td>**Skilling Certificates** (Approved by the College)</td></tr>
</table>

- *Students are required to acquire a minimum of 120 activity points, with at least 40 points per group, to fulfill the curriculum requirement of 3 activity credits.*
- *For B. Tech Lateral Entry students, 30 points per group are required. A minimum of 90 activity points must be acquired to obtain the 3 activity credits mandated by the curriculum.*

Sl. No	Category	Code	Credits
Course classifications of the B. Tech Programmes and Overall Credit Structure		
1	Humanities and Social Sciences including Management Courses	HMC	9
2	Basic Science Courses	BSC	20
3	Engineering Science Courses	ESC	29
4	Programme (Professional) Core Courses	PCC	54
5	Programme (Professional) Core Courses-Project Based Learning	PBL	16
6	Programme Elective Courses	PEC	18
7	Open Elective Courses/Industry Linked Elective	OEC/ILE	9
8	Project Work/Internship and Seminar	PWS	10
9	Health and Wellness	PW	1
10	Skill Enhancement Courses (Digital 101)	SEC	1
11	Mandatory Student Activities	MSA	3
	Total Credits		**170**

Dr. Roshini T V
Dean (Academic)
Vimal Jyothi Engineering College

Dr. Benny Joseph
Principal
Vimal Jyothi Engineering College