

VJEC B. Tech. CURRICULUM 2024

B. Tech Curriculum-2024

Semester I to VIII

Computer Science and Engineering (Cyber Security)

Branch Code: CC (Group A)

					FIRST SEMESTER (July-December): (Gro	up .	A						
					10 Days Compulsory Induction Program	and	U	HV						
SI.	Slot	Course	Co ur se	C our se	Course Title	s	Cre true		e	SS		otal arks	Credits	Hr s./ W
No:		Code	Ty pe	Cat ego ry	(Course Name)	L	Т	Р	R		CIA	ESE		ee k
1	А	GAMAT101	BS C	GC	Mathematics for Computer Science-1	3	0	0	0	4.5	40	60	3	3
2	B S1/ S2	GAPHT121 GXCYT122	BS C	GC	Physics for Computer Science Chemistry for Computer Science and Electrical Science.	- 3	0	2	0	5.5	40	60	4	5
3	С	GXEST103	ES C		Engineering Graphics and Computer Aided Drawing.	2	0	2	0	4	40	60	3	4
4	D	GXEST104			Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering)	2	0	0	0	3	20	30	2+2=4	4
			С		(Part 2: Electronics Engineering)	2	0	0	0	3	20	30		
5	F	UCEST10 5	ES C	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GXESL10 6	ES C	GC	Basic Electrical and Electronics Engineering Workshop	0	0	2	0	1	50	50*	1	2
7	I S1/ S2	UCHWT127 UCHUT128	P HM	UC	Health and Wellness Life Skills and Professional Communication	1	0	1	0	0 3.5	50 100	0	. 1	2/3
8	S1/ S2	UCSEM129	C SE C		Skill Enhancement Course:		MO			2	100		-	
					Total		-			30/ 32			20	25/ 26
		Bridg	ge Co	ourse (1	Mathematics or Introduction to Computer Scie	ence)*:			Tota	15 H	rs.		

*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.

					SECOND SEMESTER (January-June):	Gro	oup	A						
SI. No:	Slot	Course Code	Cours e Type	Co urse Cat		s	Cre tru	edit ctur		SS	_	otal arks	Credits	Hr s./ We
110.		Coue	Type	ego ry	Name)	L	Т	Р	R		CIA	ESE		ek
1	А	GAMAT20	BSC	GC	Mathematics for Computer Science-2	3	0	0	0	4.5	40	60	3	3
2	S1/	GAPHT12 1 GXCYT12 2	BSC	GC	Physics for Computer Science Chemistry for Computer Science and Electrical Science.	. 3	0	2	0	5.5	40	60	4	5
3	С	GXEST20 3	ESC	GC	Foundations of Computing: From Hardware Essentials to Web Design	3	0	0	0	4.5	40	60	3	3
4	D	GXEST20 4	ESC	GC	Programming in C	3	0	2	0	5.5	40	60	4	5
5	Е	PCCST205	PC	PC	Discrete Mathematics	3	1	0	0	5	40	60	4	4
6	F	UCEST20	ESC	UC	Engineering Entrepreneurship & IPR	3	0	0	0	4.5	60	40	3	3
7	I S1/ S2	UCHWT12 7	HWP	UC	Health and Wellness	1	0	1	0	0	50	0	1	2/3
,	S2	UCHUT12 8	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0	1	2/3
8	L	GXESL20 8	ESC	GC	IT Workshop	0	0	2	0	1	50	50*	1	2
	S1/ S2	UCSEM12 9	SEC	UC	Skill Enhancement Course:		MO	OC					1	
	•		•		Total					34			24	27/ 28

					THIRD SEMESTER (July-Decem	ıber)								
Sl. No:	Slot	Course Code	Cou rse Ty	Cour se	Course Title (Course Name)		Creo ruci		:	SS		tal rks	Credits	Hrs./ Week
110.		Coue	pe	Catego ry	(Course rvanie)	L	Т	Р	R		CIA	ESE		WEEK
1	Α	GAMAT301	BSC	GC	Mathematics for Computer Science-3	3	0	0	0	4.5	40	60	3	3
2	В	PCCST302	PC		Theory of Computation	3	1	0	0	5	40	60	4	4
3	С	PCCST303	PC	PC	Data Structures and Algorithms	3	1	0	0	5	40	60	4	4
4	D	PBCCT304	PC- PBL	PB	Basic Concepts in Computer Networks	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
	C	UCHUT346			Economics for Engineers									
6	G S3/S4	UCHUT347	HMC		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	PCCCL308	PCL		Shell Scripting and network administration using Linux	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:	Tot	al 1	5 H	rs.					

					FOURTH SEMESTER (January-Ju	une))							
Sl. No:	Slot	Course Code	Cou rse Ty	Co urse Cate	Course Title (Course Name)		Cre truc	edit ctur	e	SS	To Ma	1	Credits	Hrs./ Week
			pe	gory	,	L	Т	Р	R		CIA	ESE		
1	Α	GAMAT401	BSC	GC	Mathematics for Computer Science-4	3	0	0	0	4.5	40	60	3	3
2											40	60	4	4
3	3 C PCCST403 PC PC Operating Systems 3 1 0										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	Е	PECCT41N	PE	PE	PE- 1	3	0	0	0	4.5	40	60	3	3
	~	UCHUT346			Economics for Engineers									
6	G \$3/\$4	UCHUT347	HMC		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										1.5	50	50	2	3
9	R/M/ HVACRemedial/Minor/Honours Course310												4*	4*
	Total											•	24/ 28*	26/ 30*

PROGRAM ELECTIVE I: PECCT41N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
E	PECCT411	Introduction to Parallel and Distributed Programming	3-0-0-0		3
E	PECCT412	Introduction to Block Chain Technologies	3-0-0-0	3	3
	PECCT413	Introduction to AI and ML	3-0-0-0		3
	PECCT414	Fundamentals of Industrial Control system security	3-0-0-0		3
	PECST 495	Advanced Data Structures	3-0-0-0		3

				F	IFTH SEMESTER (July-Decem	ber)								
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	S	Stru	redi uctu		SS	To Ma	otal orks	Credits	Hrs./ Week
		Cour				L	Т	Р	R		CIA	ESE		
1	Α	PCCCT501	PC	PC	Applied Cryptography	3	1	0	0	5	40	60	4	4
2	В	PCCCT502	PC	PC	Network and System Security	3	1	0	0	5	40	60	4	4
3	С	PCCST503	PC	PC	Machine Learning	3	0	0	0	4.5	40	60	3	3
4	D	PBCST5CS	PC- PBL	PB	Microcontrollers	3	0	0	1	5.5	60	40	4	4
5	Е	PECCT52N	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	PCCCL507	PCL	PC	Cryptography Lab	0	0	3	0	1.5	50	50	2	3
8	Q	PCCCL508	PCL	PC	Network and System Security 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			s are permitted, Not Exceeding more t ys) /Industrial Training	han (5							
	•			r	Fotal					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

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	PECCT521	Network fundamentals for cloud	3-0-0-0		3
	PECCT522	Block chain and crypto currency	3-0-0-0	3	3
E	PECCT523	AI in Cyber Security	3-0-0-0		3
	PECCT524	Advanced Industrial cyber security	3-0-0-0		3
	PECST521	Software project management	3-0-0-0		3
	PECST 525	Data Mining	5-0-0-0		3

PROGRAM ELECTIVE 2: PECCT52N

					SIXTH SEMESTER (January-	Jur	ne)							
Sl. No:	Slo t	Course Code	Cour se Typ	Co urse Cate	Course Title (Course Name)		Cre truc			SS		`otal [ark	Credits	Hrs./ Week
			e	gory		L	Т	Р	R		CI A	ESE		
1	А	PCCST601	PC	PC	Compiler Design	3	1	0	0	5	40	60	4	4
2	В	PCCCT602	PC	PC	Cyber Forensics	3	0	0	0	4.5	40	60	3	3
3	С	PECCT63N	PE		PE-3	3	0	0	0	4.5	40	60	3	3
4	D	PBCCT604	PC-PBL	PB	Ethical Hacking and IoT Security	3	0	0	1	5.5	60	40	4	4
5	F	GAEST605	ESC		Design Thinking and Product Development (Group Specific Syllabus)	2	0	0	0	3	40	60	2	2
6	0	OEXXT61N /IEXXT61N	OE/ILE	OE/IE	OE/ILE-1	3	0	0	0	4.5	40	60	3	3
7	L	PCCCL607	PCL	PC	Cyber Forensic Lab	0	0	3	0	1.5	50	50	2	3
8	Р	PCCSP608	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 (M		n of 12 Days are permitted, Not Exceeding mor orking Days) /Industrial Training	re th	ian (6	·					
					Total					32/ 36			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.

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	PECCT 631	Cloud Infrastructure and Systems	3-0-0-0		3
	PECCT 632	Cryptographic algorithms in block chain	3-0-0-0		3
	PECCT 633	AI and ML in Cyber Security Defense	3-0-0-0		3
А	PECCT 634	OT Threat Prevention	3-0-0-0	3	3
	PECCT 635	Biometric Security	3-0-0-0		3
	PECCT 636	Arduino programming	2-1-0-0		3
	PECCT 637	Industrial IOT & applications	2-1-0-0		3

PROGRAM ELECTIVE 3: PECCT63N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	OECST611	Data structures	3-0-0-0		3
	OECST612	Data communication	3-0-0-0		3
0	OECST613	Foundations of cryptography	3-0-0-0	3	3
	OECST614	Machine learning for Engineers	3-0-0-0		3

OPEN ELECTIVE 1: OECST 61N

				SEVE	CNTH SEMESTER (July-De	ecei	nb	er))					
SI.	Slot	Course	Course	Course	Course Title (Course Name)		Cre tru			aa	To Ma			Hrs/
No:	5101	Code	Туре	Category	(Course Name)	L	т	Р	R	SS	CIA	ESE	Credi ts	Week
1	A	PECCT74N / PECCM74N	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	В	PECCT75N/ PECCM75N	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	0	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	НМС	UE	Elective (Internship Students: Self Study/MOOC Approved by the College/Online Classes)	2	0	0	0	3	50	50	2	2
5	S	PCCCS705	PWS	PC	Seminar	0	0	3	0	1.5	50	0	2	3
6	P**	PCCCP706/ PCCCI706	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*
				T	otal					26/ 31			17/20 *	22/25*

*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: PECCT74N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	PECCT 741	Malware Forensics	3-0-0-0	3	3
Α	PECCT 742	Intrusion Detection and Prevention Systems	3-0-0-0	3	3

PECCT 743	Big Data Security	3-0-0-0	3
PECCT 746	Security operations analysis	3-0-0-0	3
PECST 745	Computer Vision	3-0-0-0	3

PROGRAM ELECTIVE 5: PECCT75N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	PECCT 751	Data & Computer Communication	3-0-0-0		3
	PECCT 752	Social and Ethical issues of the Internet	3-0-0-0	3	3
В	PECCT 753	Information Security in public and private sectors	3-0-0-0		3
	PECCT 754	Engineering of Trustworthy Secure Systems	3-0-0-0		3
	PECCT 755	Cyber Threat Intelligence	3-0-0-0		3

OPEN ELECTIVE 2: OECST72N

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	OECST 721	Cyber Security	3-0-0-0		3
	OECST 722	Cloud Computing	3-0-0-0		3
0	OECST 723	Software Engineering	3-0-0-0	3	3
	OECST 724	Computer Networks	3-0-0-0		3
	OECST 725	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)					

	EIGHT SEMESTER (January-June)													
SI.			Course	Course	Course Title (Course	s		edit ctuı		SS	To Ma		Credit	Hrs/ Wee
No:	Slot	Course Code	Туре	Category	Name)	L	Т	Р	R		CIA	ESE	S	k
1	А	PECCT86N / PECCM86N	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	0	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	НМС	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	Р	PCCCP806/ PCCCI806/ PCCCJ806	PWS	РС	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)

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	PECCT 861	IPR and Cyber Law	3-0-0-0		3
	PECCT 862	PECCT 862 Security in Wireless networks 3-0-0-0			3
A	PECCT 863	Secure mobile application development	3-0-0-0	3	3
	PECCT 864	Network Forensics	3-0-0-0		3
	PECCT 866	Windows and Linux Forensics	3-0-0-0		3
	PECST 865	Next Generation Interaction Design	3-0-0-0		3

SLOT	COURSE CODE	COURSES	L-T-P-R	HOURS	CREDIT
	OECST 831	Introduction to Algorithms	3-0-0-0		3
0	OECST 832	Web Programming	3-0-0-0	3	3
U	OECST 833	Software Testing	3-0-0-0		3
	OECST 834	CST 834 Internet of Things			3
	OECST 835	Computer Graphics	3-0-0-0		3

OPEN ELECTIVE 3: OECCT83N

	HMC Courses					
Sl. No:	Sl. No: Semester Course Area					
1	S1/S2	Life Skills and Professional Communication	1			
2	G2 / G 4	Economics for Engineers	2			
3	S3/S4	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					

	ESC Courses (Group A)					
Sl. No:	Semester	Course Area	Credits			
1		Engineering Graphics and Computer Aided Drawing	3			
2	S 1	Introduction to Electrical and Electronics Engineering	4			
3	51	Algorithmic Thinking with Python	4			
4		Basic Electrical and Electronics Engineering Workshop	1			
5		Foundations of Computing: From Hardware Essentials to Web Design	3			
6	63	Programming in C	4			
7	S2	Engineering Entrepreneurship and IPR	3			
8		IT Workshop	1			
9	S 3	Introduction to Artificial Intelligence and Data Science	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		Core 2	4	
3	63	Core 3	4	
4	S3	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		Core 6	4
11		Core 7	4
12	S 5	Core 8	3
13		Lab-5	2
14		Lab-6	2
15		Core 9	4
16	86	Core 10	3
17	S6	Lab-7	2
Total Credits (Theory -10, Lab-7)			52

Programme Core-Project Based Learning (PBL)				
Sl. No:	Semester	Course Area	Credits	
1	S3	Core PBL-1	4	
2	S4	Core PBL-2	4	
3	S 5	Core PBL-3	4	
4	S6	Core PBL-4	4	
Total Credits			16	

Programme 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	S 6	Mini Project	2	
2	67	Seminar	2	
3	S7	Major Project/Internship	4	
4	S8	Major Project/Internship/Research Project	4	
	Total Credits 12			

	Activity Points					
SI. No.	Group	Courses	Credits	Minimum Credit Requirements		
1		NSS, NCC, NSO (National Sports Organization)				
2	Ι	Arts/Sports/Games	1 (40 Points)			
3		Union/Club Activities				
4		English Proficiency Certification (TOFEL, IELTS, BEC etc.)				
5		Aptitude Proficiency Certification (GRE, CAT, GMAT etc.)/ Valid Gate Score.		3 Credits		
6	П	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	(40 Points)	(One credit from each Group)		
7		Journal Publication, Patents, Start-Up, Innovation, Winners of National/ International Level Hackathons	1			
8	III	Skilling Certificates (Approved by the college)	(40 Points)			

• 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.

Course classifications of the B. Tech Programmes and Overall Credit Structure				
Sl. No	Category	Code	Credits	
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	52	
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	Mini Project, Project Work/Internship and Seminar	PWS	12	
9	Health and Wellness	PW	1	
10	Skill Enhancement Courses (Digital 101)	SEC	1	
11	Mandatory Student Activities	MSA	3	
Total Credits				

Dr.Reema Mathew A Program Coordinator -Cyber Security Vimal Jyothi Engineering College **Dr. Benny Joseph** Principal Vimal Jyothi Engineering College