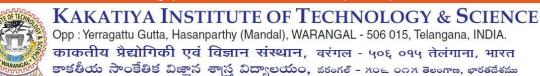
AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank: 197



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (NETWORKS)

B.Tech. CSE(NETWORKS) - REVISED SCHEME (URR'18)

(For B19, B20 batches)

of

(I, II, III, IV, V, VI, VII & VIII SEMESTERS)



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE: WARANGAL-15

(An Autonomous Institution under Kakatiya University, Warangal)



Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA. काकतीय प्रेद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत కాకతీయ సాంకేతిక విజ్ఞాన ఠాస్త్ర విద్యాలయం, వరంగల్ - గం౬ ೧೧೫ ತಿಲಂಗಾಣ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

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website: www.kitsw.ac.in

E-mail: principal@kitsw.ac.in

©: +91 9392055211, +91 7382564888

VISION OF THE INSTITUTE

• To make our students technologically superior and ethically strong by providing quality education with the help of our dedicated faculty and staff and thus improve the quality of human life

MISSION OF THE INSTITUTE

- To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced
- To provide a strong human resource base for catering to the changing needs of the Industry and Commerce
- To inculcate a sense of brotherhood and national integrity

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (NETWORKS)

VISION OF THE DEPARTMENT

• Attaining centre of excellence status in various fields of Computer Science and Engineering by offering worth full education, training and research to improve quality of software services for ever growing needs of the industry and society.

MISSION OF THE DEPARTMENT

- Practice qualitative approach and standards to provide students better understanding and profound knowledge in the fundamentals and concepts of computer science with its allied disciplines.
- Motivate students in continuous learning to enhance their technical, communicational, and managerial skills to make them competent and cope with the latest trends, technologies, and improvements in computer science to have a successful career with professional ethics.
- Involve students in analyze, design and experimenting with contemporary research problems in computer science to impact socio-economic, political and environmental aspects of the globe.

PROG	PROGRAM EDUCATIONAL OBJECTIVES								
	(PEOs)								
UG - COMPUTE	R SCIENCE & ENGINEERING (NETWORKS) – CSN								
PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	Within first few years after graduation, the COMPUTER SCIENCE AND ENGINEERING (NETWORKS) graduates will be able to								
PE01: Technical Expertise	apply the fundamental knowledge of the core courses of computer science and networks for developing the effective software and network technology solutions								

PEO2: Successful Career	excel in profession, higher education and entrepreneurship with updated technologies in software, computer networks and security based domains
PEO3: Soft Skills and Life Long Learning	exhibit professional ethics, effective communication and team work in solving engineering problems by adapting contemporary research towards sustainable development of society

	COMES (POS) & PROGRAM SPECIFIC OUTCOMES (PSOS) OMPUTER SCIENCE & ENGINEERING (NETWORKS) - CSN
PROGRAM	At the time of graduation, the COMPUTER SCIENCE & ENGINEERING (NETWORKS) graduates will be able to
P01: Engineering knowledge	apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
PO2: 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
PO3:Design/develop ment 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
PO4: 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
PO5: 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
PO6: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
P07: Environment and sustainability	understand the impact of the professional engineering solutions in societal and environmental contexts, demonstrate the knowledge of, and need for sustainable development
PO8: Ethics	apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice
P09:Individual and team work	function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings
PO10: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
PO11: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
PO12: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
	FIC OUTCOMES (PSOs):
PSO1: Software	apply the fundamental knowledge of computer science and engineering in
Development and Quality assurance	developing effective software for real world complex engineering problems adapting advanced technologies Page 3 of 13

PSO2: Maintenance	design computer networks protocols and configure solutions for various network applications using contemporary hardware and software tools
PSO3: Immediate	implement effective securities standards and investigate efficiency of existing
professional practice	security measures by continuous adaptation of latest updates in cyber security
	domains



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SCHEME OF INSTRUCTION & EVALUATION I-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[5Th+4P+2MC]

Sl.	Category			Per	iods/	week	Credits		Eval	uation s	cheme	
No	dutegory	Course Code	Course Title	т	Т	P	С		CIE		ESE	Total
				L	1	I P	ر	TA	MSE	Total	ESE	Marks
1	BSC	U18MH101	Engineering Mathematics - I	3	1	-	4	10	30	40	60	100
•	ECC	111000102	Programming for Problem Solving	2			2	10	30	40	60	100
2	ESC	U18CS102	using C	3	-	-	3					
3	BSC	U18PH103	Engineering Physics	3	1	-	4	10	30	40	60	100
4	HSMC	U18MH104	English for Communication	2	-	2	3	10	30	40	60	100
5	ESC	U18EE105	Basic Electrical Engineering	3	1	-	4	10	30	40	60	100
6	ESC	U18EE106	Basic Electrical Engineering Laboratory	-	-	2	1	40	-	40	60	100
7	ECC	111000107	Programming for Problem Solving			2	1	40	-	40	60	100
7	ESC	U18CS107	using C Laboratory	-	-	2	1					
8	BSC	U18PH108	Engineering Physics Laboratory	_	_	2	1	40	-	40	60	100
9	ESC	U18ME109	Workshop Practice	-	_	2	1	10	30	40	60	100
10	MC	U18EA110	EAA *: Sports/Yoga/NSS	-	-	2	-	100	-	100	-	100
11	MC	U18MH111	Universal Human Value-I (Induction	_	_	_	-	_	_	_	_	_
11	1710	OTOMITTI	Programme)									
			Total:	14	3	12	22	280	180	460	480	1000

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

EAA: Extra Academic Activity

* indicates mandatory non-credit course

Total Contact Periods/Week: 29

Stream-I: ME, CSE, IT, CSN, CSO

Total Credits: 22

Stream-II: CE, EIE, EEE, ECE, ECI, CSM



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SCHEME OF INSTRUCTION & EVALUATION II-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[5Th+2P+2MC]

		Course			Per	iods/	week	Credits	Evaluation scheme						
Sl. N	Category Code	Course Title		L	Т	P	C		CI E		ESE	Tota Mark			
o									TA	MSE	Total				
1	BSC	U18MH201	Engineering Mathematics - II		3	1	-	4	10	30	40	60	100		
2	ESC	U18CS202	Data Structures through C		3	-	-	3	10	30	40	60	100		
3	BSC	U18CH203	Engineering Chemistry		3	1	-	4	10	30	40	60	100		
4	ESC	U18ME204	Engineering Drawing		2	-	4	4	10	30	40	60	100		
5	ESC	U18CE205	Engineering Mechanics		3	1	_	4	10	30	40	60	100		
6	ESC	U18CS207	Data Structures through C Laboratory		-	-	2	1	40	-	40	60	100		
7	BSC	U18CH208	Engg. Chemistry Laboratory		_	_	2	1	40	-	40	60	100		
8	MC	U18CH209	Environmental Studies*		2	_	-	-	40	-	40	60	100		
9	MC	U18EA210	EAA : Sports/Yoga/NSS*		-	-	2	-	100	-	100	-	100		
				Total:	16	3	10	21	270	150	420	480	900		

[L= Lecture, T = Tutorials, P = Practicals & C = Credits]

EAA: Extra Academic Activity

* indicates mandatory non-credit course

Total Contact Periods/Week: 29

Stream-I: ME, CSE, IT, CSN, CSO

Total Credits: 21

Stream-II: CE, EIE, EEE, ECE, ECI, CS

Internships: All students should plan for mandatory 6-8 weeks internship, from end of II semester to commencement of VII semester a industry/R&D organizations/industries of national importance (IITs/IIITs/NITs). As part of Internship Evaluation in VII Semester students are expected to submit a well-documented internship report and give an informative ppt presentation in VII semester



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SCHEME OF INSTRUCTION & EVALUATION III-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[7Th+2P+1MC]

		Course		Per	iods	/week	Credits	Evaluation scheme						
S.No	Category	Code	Course Title	т	Т	P	С	CIE		ESE	Total			
				L	1	r	C	TA	MSE	Total	ESE	Marks		
1	BSC	U18MH301	Engineering Mathematics - III	3	1	-	4	10	30	40	60	100		
2	HSMC	U18MH302	Professional English	_	_	2	1	100	-	100	-	100		
0	DCC	U18CN303	Object Oriented Programming through	3	1		4	10	30	40	60	100		
3	PCC	OTOCNOUS	JAVA	3	1	-	4							
4	PCC	U18CN304	Database Management Systems	3	1	-	4	10	30	40	60	100		
5	PCC	U18CN305	Computer Architecture and Organization	3	-	-	3	10	30	40	60	100		
6	PCC	U18CN306	Advanced Data Structures	3	-	-	3	10	30	40	60	100		
7	ESC	U18EI309	Digital Electronics	3	-	-	3	10	30	40	60	100		
0	PCC	U18CN310	Object Oriented Programming through			2	1	40	-	40	60	100		
8	PCC	UIOCNSIU	Java Laboratory	-	-	2	1							
0	PCC	U18CN311	Database Management Systems			2	1	40	-	40	60	100		
9	PCC	UIOUNSII	Laboratory	_	_		1							
10	MC	U18MH315	Essence of Indian Traditional Knowledge	2	-	-	-	10	30	40	60	100		
			Total:	20	3	6	24	250	210	460	540	1000		

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

Total Contact Periods/Week: 29

Stream-I: ME, CSE, IT, CSN, CSO

Total Credits: 24

Stream-II: CE, EIE, EEE, ECE, ECI, CSM



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SCHEME OF INSTRUCTION & EVALUATION IV-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[6Th+3P+1MC]

Sl.	Category	Course		Per	iods/	week	Credits		Eval	Evaluation scheme			
No	Category	Code	Course Title	T	т	Р	С		CIE		ESE	Total	
NU		Code		L	1	Г	C	TA	MSE	Total	ESE	Marks	
1	OE	U180E401	Open Elective-II	3	1	-	4	10	30	40	60	100	
2	HSMC	U18TP402	Soft and Inter Personal Skills	-	-	2	1	100	-	100	-	100	
3	OE	U180E403	Open Elective-I	3	-	-	3	10	30	40	60	100	
4	PCC	U18CN404	Theory of Computation	3	-	-	3	10	30	40	60	100	
5	PCC	U18CN405	Software Engineering	3	-	-	3	10	30	40	60	100	
6	PCC	U18CN406	Operating Systems	3	-	-	3	10	30	40	60	100	
7	PCC	U18CN407	Unix Programming Laboratory	-	-	2	1	40	-	40	60	100	
8	PCC	U18CN408	Advanced Java Laboratory	-	-	2	1	40	-	40	60	100	
9	OE	U180E411	Open Elective-I based lab	_	_	2	1	40	-	40	60	100	
			Tot	al: 17	1	8	20	280	180	460	540	1000	
10	MC	U18CH416	Environmental Studies*	2	_	_	_	10	30	40	60	100	

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

Stream-I: ME, CSE, IT, CSN, CSO

Total Contact Periods/Week = 26 Stream-II: CE, EIE, EEE, ECE, ECI, CSM **Total Credits: 20**

Open Elective-I:

U180E403A: Object Oriented Programming (CSE)

U180E403B: Fluid Mechanics & Hydraulic Machines (CE)

U180E403C: Mechatronics (ME) U180E403D: Web Programming (IT)

U180E403E: Microprocessors (ECE)
U180E403F: Strength of Materials (ME)

Open Elective-II:

U180E401A: Applicable Mathematics (MH)

U180E401B: Basic Electronics Engineering (ECE)

U180E401C: Elements of Mechanical Engineering (ME)

U180E401D: Measurements & Instrumentation (EIE)

U180E401E: Fundamentals of Computer Networks (IT)

U180E401F: Renewable Energy Sources (EEE)

Open Elective-I based Lab:

U180E411A: Object Oriented Programmin

Lab (CSE)

U180E411B: Fluid Mechanics &

HydraulicMachines Lab (CE)

U180E411C: Mechatronics Lab (ME) U180E411D: Web Programming Lab (IT)

U180E411E: Microprocessors Lab (ECE)

 ${\bf U180E411F: Strength\ of\ Materials\ Lab\ (CE)}$



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SCHEME OF INSTRUCTION & EVALUATION V-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[6Th+3P+Seminar]

Sl.		Course		Peri	ods/	week	Credits		Evalı	ation s	cheme	
No	Category	Code	Course Title	L	Т	Р	С		CIE		ESE	Total
					1	1	C	TA	MSE	Total	ESE	Marks
1	нѕмс	U18TP501	Quantitative Aptitude & Logical Reasoning	2	_	_	1	10	30	40	60	100
2	PE	U18CN502	Professional Elective - I / MOOC-I	3	-	-	3	10	30	40	60	100
3	PCC	U18CN503	Computer Networks	3	1	-	4	10	30	40	60	100
4	PCC	U18CN504	Design and Analysis of Algorithms	3	-	-	3	10	30	40	60	100
5	PCC	U18CN505	Compiler Design	3	-	-	3	10	30	40	60	100
6	PCC	U18CN506	Machine Learning	3	-	-	3	10	30	40	60	100
7	PCC	U18CN507	Computer Networks Laboratory	-	-	2	1	40	-	40	60	100
8	PCC	U18CN508	Design and Analysis of Algorithms Laboratory	-	-	2	1	40	-	40	60	100
9	PCC	U18CN509	Machine Learning with Python Programming Laboratory	-	-	2	1	40	-	40	60	100
10	PROJ	U18CN510	Seminar	-	-	2	1	100	-	100	-	100
			Total:	17	1	8	21	280	180	460	540	1000
Add	itional Leari	ning*:Maximun	n credits allowed for Honours/Minor	-	-	-	7	-	-	-	-	-
		Total cre	dits for Honours / Minor students:	-	-	-	21+7	-	-	-	-	-

^{*} List of courses for additional learning through **MOOCs** towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

Professional Elective-I / MOOCs-I: U18CN502A: Artificial Intelligence

U18CN502B: Data Mining and Data Warehousing

U18CN502C: Digital Image processing

U18CN502M: MOOCs course

Total Contact Periods/Week: 26

Total Credits:21

MOOCs: Students are encouraged to do Massive Open Online Courses (MOOCs) on SWAYAM platform (https://www.swayam.gov.in) offered by NPTEL, CEC, IIM-B, IGNOU. Students shall contact the Head of the Department (HoD) to get their interested MOOCs approved by the HoD/Dean Academic Affairs for proper transfer of the credits for the MOOC



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SCHEME OF INSTRUCTION & EVALUATION VI-SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[5Th+3P+1MC+Miniproject]

Sl.	il. Catagory Course			Per	iods/	week	Credits	Evaluation scheme							
No	Category	Code	Course Title	т	Т	P	С		CIE	ESE		Total			
				L	1	P	C	TA	MSE	Total	ESE	Marks			
1	MC	U18MH601	Universal Human Values-II	2	1	_	-	10	30	40	60	100			
2	OE	U180E602	Open Elective - III	3	_	_	3	10	30	40	60	100			
3	PE	U18CN603	Professional Elective - II / MOOC-II	3	-	-	3	10	30	40	60	100			
4	PCC	U18CN604	Cryptography and Network Security	3	-	-	3	10	30	40	60	100			
5	PCC	U18CN605	Cloud Computing	3	-	-	3	10	30	40	60	100			
6	PCC	U18CN606	Internet of Things	3	-	-	3	10	30	40	60	100			
7	PCC	U18CN607	Cryptography and Network Security Lab	-	-	2	1	40	-	40	60	100			
8	PCC	U18CN608	Cloud Computing Laboratory	-	-	2	1	40	-	40	60	100			
9	PCC	U18CN609	Internet of Things Laboratory	-	-	2	1	40	-	40	60	100			
10	PROJ	U18CN610	Mini Project	-	-	2	1	100	-	100	-	100			
			Total:	17	1	8	19	280	180	460	540	1000			
Addi	itional Learı	ning*:Maximun	n credits allowed for Honours/Minor	-	-	-	7	-	-	-	-	-			
			Total credits for Honours/Minor students:	-	-	-	19+7	-	-	-	-	-			

^{*}List of courses for additional learning through **MOOCs** towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula

[L= Lecture, T = Tutorials, P = Practicals & C = Credits]

U180E602D: Rural Technology and Community Development

Open Elective-III:

U180E602A: Disaster Management

U180E602C: Professional Ethics in Engineering

U180E602B: Project Management

Total Contact Periods/Week: 26

Professional Elective-II / MOOC-II:
U18CN603A: Mobile Computing
U18CN603B: Wireless Sensor Networks
U18CN603C: Wireless Communications
U18CN603M: MOOCs Course

Total Credits: 19



VII-

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (NETWORKS) KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15

(An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION VII SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[4Th+2P+ MP-I+ internship]

							L^	111 - 11	. 1-11 1.	1111011	b1		
Sl.		Course		Per	iods/	week	Credits	Evaluation scheme					
No	Category	Code	Course Title	_	T		-		CIE		ECE	Tota	
110		Gode		L	T	P	С	TA	MSE	Total	ESE	Marl	
1	HSMC	U18MH701	Management, Economics and Accountancy	3	_	_	3	10	30	40	60	10(
2	PE	U18CN702	Professional Elective - III / MOOC-III	3	-	-	3	10	30	40	60	10(
3	PE	U18CN703	Professional Elective - IV / MOOC-IV	3	-	-	3	10	30	40	60	10(
4	PCC	U18CN704	Advanced Computer Networks	3	-	-	3	10	30	40	60	10(
5	PCC	U18CN705	Advanced Computer Networks Laboratory	-	-	2	1	40	-	40	60	10(
6	PCC	U18CN706	Mobile Application Development Laboratory	-	-	2	1	40	-	40	60	10(
7	PROJ	U18CN707	Major Project - Phase - I	-	-	6	3	100	-	100	-	10(
8	MC	U18CN708	Internship Evaluation	-	-	2	-	-	-	-	-	-	
			Total:	12	_	12	17	220	120	340	360	70(
Addi	tional Lear	ning*:Maximun	n credits allowed for Honours/Minor	-	-	-	7	-	-	-	-	-	
			Total credits for Honours/Minor students:	-	-	-	17+7	-	-	-	-	-	

^{*} List of courses for additional learning through **MOOCs** towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

Total Contact Periods/Week: 24 Total Credits: 17

Professional Elective-III / MOOC-III:	Professional Elective-IV / MOOC-IV:
U18CN702A: Block Chain Technologies	U18CN703A: Ethical Hacking
U18CN702B: Storage Area Networks	U18CN703B: Big Data Analytics
U18CN702C: High Speed Networks	U18CN703C: Web and Database Security
U18CN702M: MOOCs course	U18CN703M: MOOCs course



(An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION VIII SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM

[3Th+ 1MP-II]

Sl. No	Category	Course Code	Course Title	Periods/week			Credits	Evaluation				
				L	Т	P	C	CIE			ESE	Total
							1	TA	MSE	Total		Marks
1	PE	U18CN801	Professional Elective - V / MOOC-V	3	-	-	3	10	30	40	60	100
2	PE	U18CN802	Professional Elective - VI / MOOC-VI	3	-	-	3	10	30	40	60	100
3	OE	U180E803	Open Elective - IV / MOOC-VII	3	-	-	3	10	30	40	60	100
4	PROJ	U18CN804	Major Project - Phase - II	-	-	14	7	60	-	60	40	100
Total						14	16	90	90	180	220	400
Addi	Additional Learning*:Maximum credits allowed for Honours/Minor					-	7	-	-	-	-	-
	Total credits for Honours /Minor students:					-	16+7	-	1	-	-	-

^{*} List of courses for additional learning through **MOOCs** towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula

[L= Lecture, T = Tutorials, P = Practicals & C = Credits]

Total Contact Periods/Week: 23

Professional Elective-V / MOOC-V:

U18CN801A: Software Defined Networking

U18CN801B: Cyber Security and Digital Forensic

U18CN801C: Advanced Real-World Data Networks

U18CN801M: MOOCs course

Professional Elective-VI MOOC-VI:

U18CN802A: Network Automation

U18CN802B: Data Science

U18CN802C: Fog and Edge Computing

U18CN802M: MOOCs course

Open Elective-IV/MOOCs-VII:

U180E803A: Operations Research

U180E803B: Management Information

Systems

U180E803C: Entrepreneurship Development

Total Credits: 16

U180E803D: Forex & Foreign Trade

U180E803M: MOOCs Course



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SCHEME OF INSTRUCTION & EVALUATION

I to VIII SEMESTER OF 4-YEAR B. TECH DEGREE PROGRAM <u>SEMESTER Vs COURSE CATEGORY WEIGHTAGE</u>

(in terms of Total No. of Courses / Total No. Credits)

	Number of Courses / Number of Credits (Course Category wise)									
Semester	BSC	ESC	HSM C	PCC	OE	PE	M C	PRO J	TOTAL	B.Tech (Honours/Minor) Programme
I	3/9	5/10	1/3	-	-	-	2/0	-	11/22	
II	3/9	4/12	-	-	-	-	2/0	-	9/21	
III	1/4	1/3	1/1	6/16	-	-	1/0	-	10/24	Additional 20 credits through
IV	-	-	1/1	5/11	3/8	-	1/0	-	10/20	8 courses out of the
V	-	-	1/1	7/16	-	1/3	-	1/1	10/21	list of courses prescribed under
VI	-	-		6/12	1/3	1/3	1/0	1/1	10/19	Honours/Minor
VII	-	-	1/3	3/5	-	2/6	1/0	1/3	8/17	curricula
VIII	-	-	-	-	1/3	2/6	-	1/7	4/16	
Total	7/22	10/25	5/9	26/60	5/14	6/18	8/0	4/12	72/160	(71+8) / (160+20)
% Weightage of	13.75 %	15.625 %	5.625 %	37.5 %	8.75 % (14/160)	11.25 %	0 %	7.5 %	100 %	
Course Category	(22/160)	(25/160)	(9/160)	(60/160)	0.73 /0 (14/100)	(18/160)		(12/160)	(160/160)	-