

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (NETWORKS)

B.Tech. CSE(IoT)-SCHEME (URR'18) (for 2020-21 Batch)

of

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



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15 (An Autonomous Institution under Kakatiya University), WARANGAL

KITSW-Scheme for I to VIII Semester B. Tech. CSE (IoT) 4 – Year Degree Programme Page 1 of 14



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 worthful 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.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

UG - COMPUTER SCIENCE & ENGINEERING (IoT) - CSO

PROGRAM EDUCATIONAL	Within first few years after graduation, the COMPUTER SCIENCE AND ENGINEERING (IoT) graduates will be able
OBJECTIVES (PEOs)	to
PEO1: Technical Expertise:	Apply the fundamental knowledge of the core courses of computer science and Internet of Things (IoT) for developing the effective software and smart applications.
PEO2: Successful Career:	Excel in profession, higher education and entrepreneurship with updated technologies in software, internet of things and industrial 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.

PROGRAM OUTCOMES (POs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

UG - COMPUTER SCIENCE & ENGINEERING - CSE (IoT)

PROGRAM	At the time of graduation, the COMPUTER SCIENCE AND							
OUTCOMES (POs)	ENGINEERING (IOT) graduates will be able to							
PO1: Engineering	apply the knowledge of mathematics, science, engineering fundamentals, and							
knowledge	an engineering specialization to the solution of complex engineering problems							
PO2: Problem	dentify, formulate, review research literature, and analyze complex							
analysis	engineering problems reaching substantiated conclusions using first							
	principles of mathematics, natural sciences, and engineering sciences							
PO3:Design/devel	design solutions for complex engineering problems and design system							
opment of	components or processes that meet the specified needs with appropriate							
solutions	consideration for the public health and safety, and the cultural, societal, and							
	environmental Considerations							
PO4: Conduct	use research-based knowledge and research methods including design of							
investigations of	experiments, analysis and interpretation of data, and synthesis of the							
complex	information to provide valid conclusions							
problems								
PO5: Modern tool	create, select, and apply appropriate techniques, resources, and modern							
usage	engineering and IT tools including prediction and modeling to complex							
_	engineering activities with an understanding of the limitations							

PO6:The engineer	apply reasoning informed by the contextual knowledge to assess societal,							
and society	health, safety, legal and cultural issues and the consequent responsibilities							
	relevant to the professional engineering practice							
PO7:Environment	understand the impact of the professional engineering solutions in societal and							
and sustainability	environmental contexts, demonstrate the knowledge of, and need for							
	sustainable development							
PO8:Ethics	Ethics apply ethical principles and commit to professional ethics, responsibilities, and							
	norms of the engineering practice							
PO9:Individual	function effectively as an individual, and as a member or leader in diverse							
and team work	teams, and in multidisciplinary settings							
PO10:Communica	communicate effectively on complex engineering activities with the							
tion	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	demonstrate knowledge and understanding of the engineering and							
management and	management principles and apply these to one's own work, as a member and							
finance	leader in a team, to manage projects and in multidisciplinary environments							
PO12:Life-long	recognize the need for, and have the preparation and ability to engage in							
learning	independent and life-long learning in the broadest context of technological							
	change							
	•							
PROGRAM SPECI	FIC OUTCOMES (PSOs):							
PSO1: Software	Apply the fundamental knowledge of computer science and engineering in							
Development and	developing effective software for real world complex engineering problems by							

Development and	developing effective software for real world complex engineering problems by								
Quality assurance	adapting advanced technologies.								
PSO2:	Design and configure various internet of things based smart applications								
Maintenance	using contemporary hardware and software tools.								
PSO3: Immediate	Design and implement industrial IoT based solutions for improving								
professional	operational efficiency by investigating existing industrial environment.								
practice									



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS) KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15 (An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) I-SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

[5Th+4P+2MC]

				Por	iods/v	veek	Credits		Fval	uation s	cheme	
S1 .	Category	Course	Course Title	1 CI			cicuits					
No		Code		L	Т	Р	C	ТА	CIE MSE	Total	ESE	Total Marks
1	BSC	U18MH101	Engineering Mathematics – I	3	1	-	4	10	30	40	60	100
	FOO	111000100	Programming for Problem Solving	•				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	ESC	U18CS107	Programming for Problem Solving			2	1	40	-	40	60	100
7	ESC	01805107	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	-	-	_	_	_	_	_	_	_
		Programme)				_	_	_	-	_		
			Total:	14	3	12	22	280	180	460	480	1000

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

EAA: Extra Academic Activity

* indicates mandatory non-credit course

Total Contact Periods/Week : 29

Total Credits : 22 Stream-I: ME, CSE, IT, CSN, CSO Stream-II: CE, EIE, EEE, ECE, ECI, CSM

KITSW-Scheme for I to VIII Semester B. Tech. CSE (IoT) 4 - Year Degree Programme

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(An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) **II-SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM**

[5Th+2P+2M0	2]
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		Course		Peri	iods/v	veek	Credits	Evaluation scheme				
S1.	Category	Code	Course Title	т	т	Р	С	CII			ESE	Total
No				L	1	1	C	TA	MSE	Total	LOL	Marks
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	Engineering 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 = Practical & C = Credits] EAA: Extra Academic Activity * indicates mandatory non-credit						course	1					

= Lecture, T = Tutorials, P = Practical & C = Credits

EAA: Extra Academic Activity

indicates mandatory non-credit course

Total Contact Periods/Week : 29 Total Credits : 21

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

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

Internships: All students should plan for mandatory 6-8 weeks internship, from end of II semester to commencement of VII semester at 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

KITSW-Scheme for I to VIII Semester B. Tech. CSE (IoT) 4 - Year Degree Programme



(An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) **III-SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM**

[7Th+3P+1MC]

		Course		Per	iods/w	veek	Credits	Evaluation scheme					
S.No	Category	Code	Course Title	L	Т	Р	С		CIE		ESE	Total	
				L	1	1	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	
3	PCC	U18IN303	Object Oriented Programming through	3	1	-	4	10	30	40	60	100	
5	ICC		JAVA										
4	PCC	U18IN304	Fundamentals of Internet of Things	3	-	-	3	10	30	40	60	100	
5	PCC	U18IN305	Computer Organization and Architecture	3	-	-	3	10	30	40	60	100	
6	PCC	U18IN306	Computer Networks	3	-	-	3	10	30	40	60	100	
7	ESC	U18EI309	Digital Electronics	3	-	-	3	10	30	40	60	100	
8	PCC	U18IN310	Object Oriented Programming through	-	-	2	1	40	_	40	60	100	
8	rtt		JAVA Laboratory					40	-	40	00	100	
9	PCC	U18EI311	Digital Electronics Laboratory	-	-	2	1	40	-	40	60	100	
10	ESC	U18IN312	Fundamentals of Internet of Things	_		2	1	40	-	40	60	100	
10	ESC		Laboratory										
11	MC	U18MH315	Essence of Indian Traditional Knowledge	2	-	-	-	10	30	40	60	100	
			Total:	20	1	8	24	290	210	500	600	1100	

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

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

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

Total Contact Periods/Week: 29

Total Credits: 24

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 MOOCs

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS) KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15 (An Autonomous Institute under Kakatiya University, Warangal) SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) IV-SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

[6Th+2P+1MC]

S1.		Courses		Per	iods/v	veek	Credits		Eva	luation sche	me	-
SI. No	Category	Course Code	Course Title	т	Т	Р	С	CIE			ESE	Total
140		Couc		L	1	I	C	TA	MSE	Total	ESE	Marks
1	OE	U18OE401	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	U18OE403	Open Elective-I	3	-	-	3	10	30	40	60	100
4	РСС	U18IN404	Theory of Computation	3	-	-	3	10	30	40	60	100
5	РСС	U18IN405	IoT Architecture and Protocols	3	1	-	4	10	30	40	60	100
6	РСС	U18IN406	Python Programming for IoT	3	1	-	4	10	30	40	60	100
7	РСС	U18IN407	Python Programming for IoT Laboratory	-	-	2	1	40	-	40	60	100
8	OE	U18OE411	Open Elective-I Laboratory	-	-	2	1	40	-	40	60	100
			Total:	15	3	6	21	280	180	460	540	1000
9	MC	U18CH416	Environmental Studies*	2	_	_	_	10	30	40	60	100
	[L= Lecture, T = Tutorials, P = Practical & C = Credits]				tal Co	ntact	Periods/W	24	Total Credits: 21			

<u>Open Elective-I:</u> U18OE403A: Object Oriented Programming (CSE) U18OE403B: Fluid Mechanics & Hydraulic Machines (CE) U18OE403C: Mechatronics (ME) U18OE403D: Web Programming (IT) U18OE403E: Microprocessors (ECE) U18OE403F: Strength of Materials (ME)	Open Elective-II: U18OE401A: Applicable Mathematics (MH) U18OE401B: Basic Electronics Engineering (ECE) U18OE401C: Elements of Mechanical Engineering (ME) U18OE401D: Measurements & Instrumentation (EIE) U18OE401E: Fundamentals of Computer Networks (CSN) U18OE401F: Renewable Energy Sources (EEE)	Open Elective-I based Laboratory: U18OE411A: Object Oriented Programming Lab (CSE) U18OE411B: Fluid Mechanics & Hydraulic Machines Lab (CE) U18OE411C: Mechatronics Lab (ME) U18OE411D: Web Programming Lab (IT) U18OE411E: Microprocessors Lab (ECE) U18OE411F: Strength of Materials Lab (CE)
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(An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) V- SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

S1.		Course		Perio	ods/v	veek	Credits		Evaluation scheme			
No	Category	Code	Course Title	Course Title L T P C			ESE	Total				
				L	1	1	C	TA N	ASE	Total	LOL	Marks
1	HSMC	U18TP501	Quantitative Aptitude & Logical	2			1	10	30	40	60	100
1	HOWIC	01011501	Reasoning	-	—	-	1					
2	PE	U18IN502	Professional Elective - I/MOOC-I	3	-	-	3	10	30	40	60	100
3	РСС	U18IN503	IoT with Cloud Computing	3		-	3	10	30	40	60	100
4	PCC	U18IN504	Advanced Data Structures	3	-	-	3	10	30	40	60	100
5	PCC	U18IN505	Compiler Design	3	-	-	3	10	30	40	60	100
6	PCC	U18IN506	Database Management Systems	3	1	-	4	10	30	40	60	100
7	PCC	U18IN507	Advanced Data Structures Laboratory	-	-	2	1	40	-	40	60	100
8	PCC	U18IN508	IoT with Cloud Computing Laboratory	-	-	2	1	40	-	40	60	100
9	PCC	U18IN509	Database Management Systems			2	1	40	-	40	60	100
9	rcc	010111309	Laboratory	-	-	2	1					
10	PROJ	U18IN510	Seminar	-	-	2	1	100	-	100	-	100
			Total:	17	1	8	21	280	180	460	540	1000
	Additional	Learning*:Max	imum credits allowed for Honours/Minor	-	-	-	7	-	-	-	-	-
			Total credits 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 & C = Credits]

Total Contact Periods/Week :26

Total Credits :21

[6Th+3P+Seminar]

Professional Elective-I / MOOCs-I:U18IN502A: Operating Systems
U18IN502B: Digital Image Processing
U18IN502C: Data Mining and Data Warehousing
U18IN502M: MOOCs course

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS) KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15 (An Autonomous Institute under Kakatiya University, Warangal) SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) VI- SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

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

S1 .		Course		Periods/week		Credits	Evaluation scheme					
No	Category	Code	Course Title	L T	Т	Р	С	CIE			ESE	Total
				L	I	Г	C	TA	MSE	Total	ESE	Marks
1	MC	U18MH601	Universal Human Values-II	2	1	_	-	10	30	40	60	100
2	OE	U18OE602	Open Elective – III	3	_	_	3	10	30	40	60	100
3	PE	U18IN603	Professional Elective - II / MOOC-II	3	-	-	3	10	30	40	60	100
4	PCC	U18IN604	Design and Analysis of Algorithms	3	-	-	3	10	30	40	60	100
5	PCC	U18IN605	Artificial Intelligence for IoT	3	-	-	3	10	30	40	60	100
6	PCC	U18IN606	Industrial IoT	3	-	-	3	10	30	40	60	100
7 PCC	U18IN607	Advanced Java Programming			2	1	40	-	40	60	100	
7	PCC	01011007	Laboratory	-	-	2	1					
8	PCC	U18IN608	Artificial Intelligence for IoT Laboratory	-	-	2	1	40	-	40	60	100
9	PCC	U18IN609	Industrial IoT Laboratory	-	-	2	1	40	-	40	60	100
10	PROJ	U18IN610	Mini Project	-	-	2	1	100	-	100	-	100
			Total:	17	1	8	19	280	180	460	540	1000
Additional Learning*: Maximum 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 = Practical & C = Credits] To	tal Contact Periods/Week: 26	Total Credits: 19
Open Elective-III:	Professional Elective-II / MOOC-II:	
U18OE602A: Disaster Management	U18IN603A: Software Engineering	
U18OE602B: Project Management	U18IN603B: Mobile Computing	
U18OE602C: Professional Ethics in Engineering	U18IN603C: Sensor Technology	
U18OE602D: Rural Technology and Community Development	U18IN603M: MOOCs Course	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS) KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15 (An Autonomous Institute under Kakatiya University, Warangal)

SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) VII - SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

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

							L = -				F 1	
Sl.		Course	Course		iods/v	veek	Credits	Evaluation scheme				
No	Category	Code	Course Title		Т	Р	C		CIE	ESE	ESE	Total
				L	1	I	C	TA	MSE	Total	ESE	Marks
1	HSMC	U18MH701	Management, Economics and Accountancy	3	_	_	3	10	30	40	60	100
2	PE	U18IN702	Professional Elective - III / MOOC-III	3	-	-	3	10	30	40	60	100
3	PE	U18IN703	Professional Elective - IV / MOOC-IV	3	-	-	3	10	30	40	60	100
4	PCC	U18IN704	Privacy and Security in IoT	3	-	-	3	10	30	40	60	100
5	PCC	U18IN705	IoT Testing Tools Laboratory	-	-	2	1	40	-	40	60	100
6	PCC	U18IN706	Mobile Application Development Laboratory	-	-	-	-	40	-	40	60	100
7	PROJ	U18IN707	Major Project - Phase - I	-	-	6	3	100	-	100	-	100
8	MC	U18IN708	Internship Evaluation	-	-	2	-	-	-	-	-	-
			Total:	12	_	12	16	220	120	340	360	700
Add	Additional Learning*: Maximum credits allowed for Honours/Minor			-	-	-	7	-	-	-	-	-
	Total credits for Honours/Minor students:			-	-	-	16+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 & C = Credits]

Total Contact Periods/Week: 24

Total Credits: 16

Professional Elective-III / MOOC-III:	Professional Elective-IV / MOOC-IV:
U18IN702A: Cyber Physical Systems	U18IN703A: Embedded System Design
U18IN702B: Big Data Analytics	U18IN703B: Augmented Reality and Virtual Reality
U18IN702C: Microcontrollers and RFID	U18IN703C: Narrowband IoT
U18IN702M: MOOCs course	U18IN703M: MOOCs course

*Note: An Android course with at least 2-weeks duration must be done by students and should submit course completion certificate

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SCHEME OF INSTRUCTION & EVALUATION (Applicable from B20 batch) VIII - SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

[3Th+1MP-II]

S1. No Category		Course			iods/v	veek	Credits	Evaluation scheme					
		Code	Course Title	т	т	Р	С	CIE			ESE	Total	
							C	TA	MSE	Total	ESE	Marks	
1	PE	U18IN801	Professional Elective - V / MOOC-V	3	I	-	3	10	30	40	60	100	
2	PE	U18IN802	Professional Elective - VI/MOOC-VI	3	-	-	3	10	30	40	60	100	
3	OE	U18OE803	Open Elective - IV / MOOC-VII	3	-	-	3	10	30	40	60	100	
4	PROJ	U18IN804	Major Project - Phase – II	-	-	14	7	60	-	60	40	100	
Total			9	-	14	16	90	90	180	220	400		
Additional Learning*: Maximum credits allowed for Honours/Minor		-	-	-	7	-	-	-	-	-			
	Total credits for Honours/Minor students:			-	-	-	16+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 & C = Credits]

Total Contact Periods/Week: 23

Total Credits: 16

Professional Elective-V / MOOC-V: U18IN801A: Software Defined Networks U18IN801B: Smart Grid U18IN801C: Introduction to Robotics Systems U18IN801M: MOOCs course	U18IN802A: Fog and Edge Computing U18IN802B: Internet of Medical Things U18IN802C: Block Chain Technology	Open Elective-IV/MOOCs-VII: U18OE803A: Operations Research U18OE803B: Management Information Systems U18OE803C: Entrepreneurship Development U18OE803D: Forex & Foreign Trade U18OE803M: MOOCs Course
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SCHEME OF INSTRUCTION & EVALUATION

I to VIII SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAM

SEMESTER Vs COURSE CATEGORY WEIGHTAGE

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

Number of Courses / Number of Credits (Course Category suice)												
	Number of Courses / Number of Credits (Course Category wise)											
Semester	BSC	ESC	HSMC	РСС	OE	РЕ	PROJ	МС	TOTAL	B.Tech (Honours/ Minor) Programme		
Ι	3/9	5/10	1/3	-	-	-	-	2/0	11/22	Additional		
II	3/9	4/12	-	-	-	-	-	2/0	9/21	- 20 credits		
III	1/4	2/4	1/1	6/15	-	-	-	1/0	11/24	through 8 courses		
IV	-	-	1/1	4/12	3/8	-	-	1/0	9/21	out of the		
V	-	-	1/1	7/16	-	1/3	1/1	-	10/21	list of courses		
VI	-	-	-	6/12	1/3	1/3	1/1	1/0	10/19	prescribed		
VII	-	-	1/3	3/4	-	2/6	1/3	1/0	8/16	under Honours/M		
VIII	-	-	-	-	1/3	2/6	1/7	-	4/16	inor curricula		
Total	7/22	11/26	5/9	26/59	5/14	6/18	4/12	8/0	72/160	(72+8)/ (160+20)		
%												
Weightage	13.75 %	16.25 %	5.625 %	36.875 %	8.75 %	11.25 %	7.5 %	0 %	100 %			
of Course	(22/160)	(26/160)	(9/160)	(59/160)	(14/160)	(18/160)	(12/160)	0 /0	(160/160)			
Category												
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