R23 Regulations I YEAR - I SEMESTER

							TH	EORY							
										E	valuation				
	Course	Course			ours p Week		const market		Interna	al (30 Ma	rks)		Exte		Total
S.No	Type	Code	Course Title				Credits	Assignment	Objectiv	ve Test	Subjecti	ve Test	(70 M	arks)	Marks
	-JP-		21	T	Т	ъ		Mary Marsha	Duration	Max.	Duration	Max.	Duration	Max.	17.07.07.000.000
				L	1	P		Max. Marks	(min)	Marks	(min)	Marks	(hrs)	Marks	10
1	BS	23BST01	Linear Algebra & Calculus	3	0	0	. 3	5	20	10	90	15	3	70	100
2	BS	23BST03	Engineering Physics	3	0	0	3	5	20	10	90	15	3	70	100
3	BS	23BST05	Communicative English	2	0	0	2	5	20	10	90	15	3	70	100
4	ES	23CST01	Introduction to Programming	3	0	0	3	5	20	10	90	15	3	70	100
5	ES	23EE 101	Basic Electrical and Electronics Engineering	3	0	0	3	5	20	10	90	15	3	70	100
•							PRAC	CTICALS							

							11010	TICALS					
									E	valuation			
S.No	Course	Course	Course Title		ours Weel		Credits		Internal (30 Mar	ks)	Exte	TO SECURITY OF THE PARTY OF THE	Total
510	Type	Code	Course Title				Cicuits	Continuous	To	est	(70 M	arks)	Marks
				L	T	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max. Marks	
6	BS	23BSP03	Engineering Physics Lab	0	0	2	1	15	2	15	3	70	100
7	BS	23BSP05	Communicative English Lab	0	0	2	1	15	2	15	3	70	100
8	ES	23CSP01	Computer Programming Lab	0	0	3	1.5	15	2	15	3	70	100
9	ES	23MEP01	Engineering Workshop	0	0	3	1.5	15	2	15	3	70	100
10	ES	23CSP02	IT Workshop	0	0	2	1	15	2	15	3	70	100
11	BS	23PEP01	Health, Wellness, Yoga and Sports	0	0	1	0.5	15	2	15	3	70	100
			Total	14	0	13	20.5				Mr. Service		1100

Heparafiting Depointment School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayan

raumavati interestiv

Bos Chairman Technology
Bril Padmavati Mahila Visvavidyalayam
(Women's University)
TIRUPATI - 517502

R23 Regulations I YEAR – II SEMESTER

							TH	EORY		E	valuation				
	_				ours p Week					l (30 Mar	·ks)	Tost	Exter (70 Ma		Total
S.No	Course Type	Course Code	Course Title				Credits		Objective Duration	Max.	Subjection Duration	Max.	Duration	Max.	Marks
				L	T	P		Max. Marks	(min)	Marks	(min)	Marks	(hrs)	Marks	
1	BS	2316.11.	Differential Equations & Vector	3	0	Ó	3	5	20	10	90	15	3	70	. 100
	Do		Calculus	2		0	2	5	20	10	90	15	3	70	100
2	BS		Chemistry	3	0	U	3	3	20					00000	
3	ES	23CMT01	Basic Civil & Mechanical	3	0	0	3	5	20	10	90	15	3	70	100
	EXCIPE SE		Engineering Data Structures	3	0	0	3	5	20	10	90	15	3	70	100
4	PC	2303102	Data Structures				PRA	CTICALS							

									Ev	aluation			
					urs p				Internal (30 Mar		Exter		Total
	Course	Course	Course Title	· ·	Week		Credits	Continuous	Te	st	(70 M		Marks
S.No	Туре	Code	Course Title	L	T	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max. Marks	
				1	_	1	3	15	2	15	3	70	100
5			Engineering Graphics	1	0	-	1	15	2	15	3	70	100
6	BS	23BSP04	Chemistry Lab	0	0	2	1	13					100
7	ES		Electrical and Electronics	0	0	3	1.5	15	2	15	3	70	100
/	ES	2366101	Engineering Workshop			-	1.5	15	2	15	3	70	100
8	PC	23CSP03	Data Structures Lab	0	0	3	1.5		2	15	3	70	100
9	BS	23NSP01	NSS/community Service	0	0	1	0.5	15		13			900
,	_ D3		Total	13	0	12	19.5						

School of Engineering Partition ogy
Sri Padmavati Mahila Visvavidyalayam
(Women's University)

Department of CSE
School of Besidehairma Technology
Sri Padmavati Mahila Visvavidyalayam
(Women's University)
TIRUPATI - 517502

						22.46.0	TH	EORY							
S.No	Course	Course	Course Title		urs p Week		Credits	Assignment	Interna Objectiv	al (30 Mai	valuation rks) Subjecti	ve Test	Exte		Total
30.25.1100	Туре	Code		L	Т	P	Creans	Max. Marks	Duration (min)	Max. Marks	Duration (min)	Max. Marks	Duration (hrs)	Max. Marks	Marks
1	BS	23BST07	Discrete Mathematics & Graph Theory	3	0	0	3	5	20	10	90	15	3	70	100
2	НМ	23HMT01	Universal Human Values- Understanding Harmony & Human Ethical Conduct	2	1	0	3	5	20	10	90	15	3	70	100
3	ES	23CST03	Digital Logic & Computer Organization	3	0	0	3	5	20	10	90	15	3	70	100
4	PC	23CST04	Advanced Data Structures & Algorithm Analysis	3	0	0	3	5	20	10	90	15	3	70	100
5	PC	23CST05	Database Management Systems	3	0	0	3	5	20	10	90	15	3	70	100
6	MAN-HM	23HMT03	Environmental Science	2	0	0	-			Satisf	actory / No	t Satisfact	ory		

PRACTICALS

				н	ours p	ner.			Ev	aluation			
	Course	Course			Week				Internal (30 Marl		Exter	rnal	Total
S.No	La proper la	Code	Course Title				Credits	Continuous	Te	st	(70 M	arks)	Marks
	Type	Coue		L	Т	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max. Marks	Marks
7	PC	23CSP04	Advanced Data Structures & Algorithm Analysis Lab	0	0	3	1.5	15	2	15	3	70	100
8	PC	23CSP05	Database Management Systems Lab	0	0	3	1.5	15	2	15	3	70	100
9	SC	23CSS01	Python Programming	0	1	2	2	15	2	15	3	70	100
			7 Total	16	2	8	20		Danster ant of Sr	*			800

Head of the Department of School of Engineering & Technology
Sri Padmavati Mahila Visvavidyalayam

School of Engineering & Tachnology Sri Padma Par Mannir man vidyalayam (Women's University)

							T _F	IEORY							
S.No	Course		Course Title		ours p Week		Credits	Assissment		al (30 Ma	T /		Exte		Total
	Туре	Code		L	Т	P	Credits	Assignment Max. Marks	Duration		Subjecti Duration (min)	ve Test Max. Marks	(70 M Duration	Max.	Marks
1	НМ		Managerial Economics and Financial Analysis	2	0	0	2	5	20	10	90	15	(hrs)	Marks 70	100
2	BS	23BST11	Probability & Statistics	3	0	0	3	5	20	10	00	1.5		- 11 AV	
3	PC		Operating Systems	3	0	0	3	5		7.5.5.5	90	15	3	70	100
4	PC		Object Oriented Programming Through Java	3	0	0	3	5	20	10	90	15	3	70 70	100
5	PC		Formal Languages and Automata Theory	2	1	0	3	5	20	10	90	15	3	70	100

				н	ours	per			E	valuation			
S.No	Course Type	Course Code	Course Title		Weel		Credits	Continuous	Internal (30 Mar To	rks) est	Exter (70 M		Total
				L	T	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max.	Marks
6	PC	23CSP06	Operating Systems Lab	0	0	3	1.5	15	2	15	(IIIS)	Marks	100
7	PC	23CSP07	Object Oriented Programming Through Java Lab	0	0	3	1.5	15	2	15	3	70	100
8	SC	23CSS02	Full Stack Development - I	0	1	2	2	15	2	15	-	70	100
9	- HELY CAPTURES		Design Thinking & Innovation	1	0	2	2	15	2	15	3	70 70	100
			Total	14	2	10	21						900

Head of fire Department Department of CSE

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam

(!Women's University) TIDLIDATI - 517 502

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam (Women's University)

TIRUPATI - 517502

							TH	IEORY							
		2		н	ours	per				F	valuation				
S.No	Course	Course			Weel				Interna	al (30 Ma	rks)		Exte	rnal	1
5.110	Type	Code	Course Title				Credits	Assignment	Objectiv	ve Test	Subjecti	ive Test	(70 M		Total
				L	Т	P		Max. Marks	Duration	Max.	Duration	Max.	Duration		Marks
1	DC.	22.00000			- F			Wax. Waiks	(min)	Marks	(min)	Marks	(hrs)	Marks	
1			Artificial Intelligence	3	0	0	3	5	20	10	90	15	2	70	100
2	PC	23CST10	Computer Networks	3	0	0	3	5	20	10			3		100
3	PC	14-24 (2107)	Software Engineering	2	0	0	2	5			90	15	3	70	100
4	PE			- 3			3	5	20	10	90	15	3	70	100
-			Professional Elective - 1	3	0	0	3	5	20	10	90	15	3	70	100
5	OE		Open Elective - 1	3	0	0	3	5	20	10	90	15	3	70	
							PDAC	TICALS			, ,	13	3	70	100

			_
PRA	CTI	CALS	

				Н	ours	per				valuation			
S.No	Course	to a service on many	Course Title		Weel		Credits	Continue	Internal (30 Mai		Exte	rnal	Total
	Type	Code	Course Title	_		1	Creaks	Continuous	T	est	(70 M	arks)	Total
			i i	L	Т	P		Max. Marks	Duration (hrs)	Max. Marks	Duration	Max.	Marks
6	PC	23CSP08	Artificial Intelligence Lab	0	0	3	1.5	15	2	16	(hrs)	Marks	
7	D.C.	******								15	3	70	100
/			Computer Networks Lab	0	0	3	1.5	15	2	15	3	70	100
8	SC	23CSS03	Full Stack Development - II	0	1	2	2	15	2	16	-	1200	
9			Tinkering Lab	0	0	2	1	15	2	15	3	70	100
10	Intern	27-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Internship - 1				2			15	3	70	100
		2505101		-	-	-		100		-			100
			Total	15	1	10	23						1000

Head of the Department Department of CSE

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam (Women's University) TIRUPATI - 517 502

Bos Chairmans) Department of CSE

School of Engineering & Technology Şri Padmavati Mahila Visvavidyalayam

R23 REGULATIONS III YEAR – II SEMESTER

							TH	IEORY							
				Н	ours p	oer					Evaluation				
C N	Course	Course			Week					al (30 Ma	T '		Exte	rnal	Total
S.No	Type	Code	Course Title		AND THE PARTY	-	Credits	Assignment	Objectiv	ve Test	Subjecti	ve Test	(70 M	arks)	Marks
	-34-			L	T	P		Max. Marks	Duration	Max.	Duration	Max.	Duration	Max.	Marks
				L		1		Max. Marks	(min)	Marks	(min)	Marks	(hrs)	Marks	
1	PC	23CST12	Compiler Design	3	0	0	3	5	20	10	90	15	3	70	100
2	PC	23CST13	Machine Learning	3	0	0	3	5	20	10	90	15	3	70	100
3	PC	23CST14	Cryptography & Network Security	3	0	0	3	5	20	10	90	15	3	70	100
4	PE		Professional Elective - II	3	0	0	3	5	20	10	90	15	3	70	100
5	PE		Professional Elective - III (Mandatory MOOC)	3	0	0	3	5	20	10	90	15	3	70	100
6	OE		Open Elective - II	3	0	0	3	5	20	10	90	15	3	70	100
7	MAN	23BST13	Technical Paper Writing & IPR	2	0	0	-			Satisf	actory / Not	Satisfact	ory	30075	

P	R	A	C	T	Ί	C	A	L	S

				Hours per			Evaluation						
	Course	Course		Week			Internal (30 Marks)			External		Total	
S.No	Vol. Course Title		Course Title	WEEK		Credits	Continuous		Test		(70 Marks)		
	-54			L	Т	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max. Marks	Marks
8	PC	23CSP10	Machine Learning Lab	0	0	3	1.5	15	2	15	3	70	100
9	PC	23CSP11	Cryptography & Network Security Lab	0	0	3	1.5	15	2	15	3	70	100
10	SC	23BSS01	Soft Skills	0	1	2	2	15	2	15	3	70	100
			Total	20	1	8	23						900

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam (Women's University) Chairman (BoS)
Department of CSB
School of BusinGhaignanechnology
Sri Padmavati Mahila Visvavidyalayam
(Women's University)
TIRUPATI - 517502

IV	YEAR	- I	SEM	EST	ER

							TH	IEORY							
				17.	Manne man			Evaluation							
	Course Course			Hours per Week				Intern	al (30 Ma	rks)		External		Total	
S.No	a na masa a sanara a sanara	Code	Course Title		weer	•	Credits	Assignment	Objectiv	Objective Test		ve Test	(70 Marks)		Marks
	Type	Couc			ТВ		L T P Max.	Man Manks	Duration	Max.	Duration	Max.	Duration	Max.	Maiks
				L	1	r		Max. Marks	(min)	Marks	(min)	Marks	(hrs)	Marks	S = S = V = _ = =
1	PC	23CST15	Big Data Analytics	3	0	0	3	5	20	10	90	15	3	70	100
2	PC	23MET43	Optimization Techniques	2	0	0	2	5	20	10	90	15	3	70	100
3	PE		Professional Elective - IV	3	0	0	3	5	20	10	90	15	3	70	100
4	PE		Professional Elective - V	3	0	0	3	5	20	10	90	15	3	70	100
5	OE		Open Elective - III	3	0	0	3	5	20	10	90	15	3	70	100
6	OE		Open Elective - IV	3	0	0	3	5	20	10	90	15	3	70	100
7	MAN	23BST15	Gender Sensitization	2	0	0	-			Satisf	actory / Not	Satisfact	ory		
							PRAC	CTICALS							
										T	valuation				

				Hours per					E	valuation			
	Course			Week				External		m.,			
S.No	Course Course Title		week		Credits	Continuous Test			(70 Marks)		Total		
	Type	Code			T	P		Max. Marks	Duration (hrs)	Max. Marks	Duration (hrs)	Max. Marks	Marks
8	SC	23CSS04	Prompt Engineering	0	1	2	2	15	2	15	3	70	100
9	Intern	23CSI02	Internship - 2	-	-	-	2	100		-			100
			Total	18	2	2	21						800

Head Head Head Head Head

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam ('Vomen's University) 7119ATI-517 602

CHAIR HAST Department of CSE

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam

SRI PADMAVATI MAHILA VISVAVIDYALAYAM SCHEME OF INSTRUCTION AND EVALUATION OF B.TECH (CSE) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING **R23 REGULATIONS** IV YEAR - II SEMESTER

		Course		Hou	ırs per V	Veek	Credits	Evaluati on Internal External		Total Marks	
S.No Course Type	Course Code	Course Title	L	T	P		Internal Marks	Marks			
1	PW	23CSJ01	Internship - 3 & Project Work	0	0	24	12	60	140	200	
	3		Total	0	0	24	12	- ×	9.37	200	

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam ('Women's University) TIRUPATI - 517 002

Chairman (BoS)
Depa Box Chairman

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam

SCHOOL OF ENGINEERING AND TECHNOLOGY SRI PADMAVATI MAHILA VISVAVIDYALAYAM SCHEME OF INSTRUCTION AND EVALUATION OF B.TECH (CSE) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING R23 REGULATIONS LIST OF PROFESSIONAL ELECTIVES

PROFESSIONAL ELECTIVE - I

S. No	Course Code	Course Title
1	23CST16	Computer Architecture
2	23CST17	Computer Graphics
3	23ECT42	Microprocessors & Interfacing
4	23CST18	Data Mining
5	23CST19	Soft Computing
6	23CSM01	12 week MOOC Swayam/NPTEL Course recommended by the HoD

PROFESSIONAL ELECTIVE - II

S. No	Course Code	Course Title
1	23CST20	Object Oriented Analysis and Design
2	23CST21	DevOps
3	23CST22	Bio Informatics
4	23CST23	Software Testing Methodologies
5	23CST24	Cloud Computing
6	23CSM02	12 week MOOC Swayam/NPTEL Course recommended by the HoD

PROFESSIONAL ELECTIVE - III

S. No	Course Code	Course Title
1	23CSM03	Mandatory MOOC

Head of the Department Department of CSE

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam (Women's University) TRUPATI - 517 692

PROFESSIONAL ELECTIVE - IV

S. No	Course Code	Course Title
1	23CST25	Deep Learning
2	23CST26	Information Security
3	23CST27	Software Project Management
4	23CST28	Wireless Networks
5	23CST29	Block Chain Technologies
6	23CSM04	12 week MOOC Swayam/NPTEL Course recommended by the HoD

PROFESSIONAL ELECTIVE - V

S. No	Course Code	Course Title
1	23CST30	Cyber Security
2	23CST31	Natural Language Processing
3	23CST32	Internet of Things
4	23CST33	Augmented Reality & Virtual Reality
5	23CST34	Data Science
6	23CSM05	12 week MOOC Swayam/NPTEL Course recommended by the HoD

Chairman (Bos)

School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam

SCHOOL OF ENGINEERING AND TECHNOLOGY SRI PADMAVATI MAHILA VISVAVIDYALAYAM SCHEME OF INSTRUCTION AND EVALUATION OF B.TECH (CSE) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING R23 REGULATIONS LIST OF OPEN ELECTIVES OFFERED BY CSE TO OTHER DEPARTMENTS

OPEN ELECTIVE - I

S. No	Course Code	Course Title
1	23CST09	Artificial Intelligence
2	23CST14	Cryptography & Network Security
3		HTML & CSS

OPEN ELECTIVE - II

S. No	Course Code	Course Title	
1	23CST25	Deep Learning	
2	23CST26	Information Security	
3	23CST36	JavaScript	

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Sri Padmavati Mahila Visvavidyalayata
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TIRUPATI - 517 502

OPEN ELECTIVE - III

S. No	Course Code	Course Title	
1	23CST13	Machine Learning	
2	23CST30	Cyber Security	
3	23CST37	React	

OPEN ELECTIVE - IV

S. No Course Code		Course Title	
1	23CST24	Cloud Computing	
2	23CST29	Blockchain Technologies	
3	23CST21	DevOps	

C Bos Chairman

Department of CSE
School of Engineering & Technology
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(Women's University)

TIRUPATI - 517502

LIST OF OPEN ELECTIVES OFFERED BY OTHER DEPARTMENTS TO CSE

S.No	Course Code	Course Title		
1		Digital Circuits	ECE	
2	23ECT31	Principles of Signal Processing	ECE	
3		Microcontrollers and Applications		
4	23EET25	Renewable Energy Sources	,	
5	23EET26	Concepts of Control Systems	EEE	
6	23EET2	7 Concepts of Energy Auditing & Management		
7	23MET2	Sustainable Energy Technologies		
8	23MET	Applied Operations Research	ME	
9	23MET	Nano Technology		
1	0 23MET	31 Thermal Management of Electronic Systems	-	
	1 23MET	32 Entrepreneurship	BS&H	
	2 23MUF	01 Music - Vocal		

OPEN ELECTIVE - II

S.No	Course	$\neg \neg$	Course Title	Offering Departmen	
1	23ECT3	13 0	rinciples of Communication Engineering	ECE	
2	23ECT3		Fransducers and Sensors	LCL	
3	23ECT3	35 T	Electronic Measuring nstrument		
4	23EET2	28	Fundamentals of utilization of Electrical Energy		
5	23EET	29	Fundamentals of Power Electronics	EEE	
6	23EET	30	Concepts of Power System Engineering		
7	23MET	Г33	Introduction to Industrial Robotics		
8	23ME	Г34	Work Study and Industrial Ergonomics	мЕ	
9	23ME	T35	Customer Relationship Management		
1	0 23ME	T36		4	
1	1 23ME	T37	Industrial Safety	BS&H	
1	2 23MU	JP02	Dance	BSWH	

Head of the Department School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayani Chairman (BoS)
Department of CSE
School Bos Ghairman Technology
Sri Padmavati Mahila Visvavidyalayam
(Women's University)

R23 REGULATIONS LIST OF OPEN ELECTIVES OFFERED BY OTHER DEPARTMENTS TO CSE

OPEN ELECTIVE III

C NI	Course	OPEN ELECTIVE - III		
S.No Code		Course Title	Offering	
1	23ECT36	Information Theory & Coding	Department	
2	23ECT37	Digital Image Processing	1	
3	23ECT38	Fundamentals of Computer Communications & Networks	ECE	
4	23EET31	Fundamentals of Electric Vehicles		
5	23EET32	Battery Management Systems and Charging Stations	EEE	
6	23EET33	Concepts of Smart Grid Technologies		
7	23MET38	3D Printing Technologies		
8	23MET39	Introduction to Mechatronics		
9	23MET40	Robot Programming	ME	
10	23MET41	Product Design and Development		
11	23MET42	Digital Marketing Management		
12	000000000000000000000000000000000000000	LSRW Skills	BS&H	

OPEN ELECTIVE - IV

S.No	Course Code	Course Title	Offering Department
1	23ECT39	Information IoT	
2	23ECT40	Embedded Systems	1
3	23ECT41	Wireless Sensor Networs	ECE
4	23EET34	Concepts of Power Quality	
5	23EET35	Intelligent Control Systems	EEE
6	23EET36	Electric Drives	1
7	23MET43	Optimization Techniques	
8	23MET44	Advanced Manufacturing Systems	0.
9	23MET45	Total Quality Management	ME
10	23MET46	Operations Management	1
11	23MET47	Energy Auditing	
12	23HMT03	Data Analytics for Decision Making	BS&H

Head of the Department

Department of CSE School of Engineering & Technology Sri Padmavati Mahila Visvavidyalayam (Women's University) TIRUPATI - 517 502

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