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2007-08

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING

IV year – I Semester

Course Structure

CODE	SUBJECT	T	Р	С
	Novel Nationals and Europe Logic	4+1*	-	4
	Neural Networks and Fuzzy Logic	4+1*	-	4
	Power Semiconductor Drives	4+1*	-	4
	Power System Analysis Power System Operation and Control	4+1*	-	4
	ELECTIVE - I	4+1*	-	4
	HVDC Transmission EHV AC Transmission High Voltage Engineering			
	ELECTIVE – II Reliability Engineering and Application to Power Systems Non-Conventional Sources of Energy	4+1*	-	4
	Electrical Distribution Systems Microprocessors and Microcontrollers Lab	-	3	2
	Electrical Measurements Lab	-	3	2
	Total	30	6	28

IV year - II Semester

Course Structure

CODE	SUBJECT	Т	Р	С
	Utilization of Electrical Energy	4+1*	-	4
	ELECTIVE - III	4+1*	-	4
	Advanced Control Systems Digital Control Systems Optimization Techniques ELECTIVE – IV Programmable Logic Controllers Object oriented programming Database Management Systems	4+1*	-	4
	Seminar	-	-	2
	Industry Oriented Mini Project	-	-	2
	Comprehensive Viva	-	-	2
	Project Work	-	-1	10
	Total	15	-	28

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

B.TECH. ELECTRONICS AND COMMUNICATION ENGINEERING

	B.TECH. ELECTRONICS AND COMMUNICA	THO IT SHE		
1			I Semeste	er
IV Year	COURSE STRUCTURE	E 💆		
	0001102			
a	Publicat	т	P	C
Code	Subject	4+1*	_	4
	Computer Networks	4+1*	_	4
	Electronic Measurements & Instrumentation	4+1*	_	4
	Cellular and Mobile Communications	4+1*	_	4
	Radar Systems	4+1*	_	4
	Elective-I	471		
	Micro Controllers and Applications			
	Television Engineering			
	Operating Systems	4+1*	_	4
	Elective-II	411		
	Digital Image Processing			
	Satellite Communications			
	Dota Rase Management Systems		3	2
	Microwave and Optical Communications Lab.	-	3	2
	Digital Signal Processing Lab	-	6	28
	Digital digital value	30	U	
			II Sem	ester
IV Year	COURSE STRUCTU	RE		
		_	р	С
	Cubingt	Т	Р	4
Code	Subject	4+1*	-	4
	Optical Communications	4+1*	-	4
	Elective-III			
	Embedded and Real Time Systems			
	Bio-Medical Instrumentation			
	Digital Design Through Verilog	4+1*	-	4
	Floctive-IV			
	Wireless Communications and Networks			
	DSP Processors and Architectures			
	Artificial Neural Networks		_	2
	Industry Oriented Mini Project	-	-	2
	Cominat	-	•	10
	Seminar			2
	Project Work Comprehensive Viva	-	-	28
	Comprehensive viva	15	•	28

Note: All End Examinations (Theory and Practical) are of three hours duration.

* - Tutorial T - Theory P - Practical C - Credits

D - Drawing

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

IV Year

B. TECH. COMPUTER SCIENCE AND ENGINEERING

I Semester

COURSE STRUCTURE

Code	Subject	T	P	С	
	Network Programming		4+1*	-	4
	Web Technologies		4+1 *	-	4
	Data Warehousing and Data Mining		4+1 *	-	4
	Advanced Computer Architecture		4+1 *	-	4
	ELECTIVE – I: Embedded Systems Mobile Computing Multimedia and Application Development		4+1 *	-	4
	ELECTIVE – II: Software Project Management Advanced Computing Concepts Network Management Systems		4+1 *	-	4
	Network Programming Lab		-	3	2
	Web Technologies Lab		-	3	2
	Total		30	6	28

2007-2008

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

B. TECH. COMPUTER SCIENCE AND ENGINEERING

II Semester

COURSE STRUCTURE

Code	Subject	Т	P	С	
	Management Science		4+1*	-	4
	ELECTIVE III:		4+1*	-	4
	Image Processing				
	E-Commerce				
	Distributed Databases				
	ELECTIVE - IV :		4+1 *	-	4
	Virtual Reality				
	Human Computer Interaction				
	Design Patterns				
	Industry Oriented Mini Project		-	-	2
	Seminar		-	-	2
	Project Work		-	-	10
	Comprehensive Viva		-,	-	2
	Total		15		28

Note: All End Examinations (Theory and Practical) are of three hours duration.

- * Tutorial
- T Theory
- P Practical
- C Credits

B.TECH. MECHANICAL ENGINEERING

Semester I

117	V			_	
IV	Υ	е	a	г	

COURSE STRUCTURE

	COURSE STRUCTURE	т	P/D	С	_
CODE	SUBJECT				
	Operations Research	4+1*	0	4	
	Data Base Management Systems	4+1*	0	4	
	Finite Element Methods	4+1*	0	4	
	Instrumentation and Control Systems	4+1*	0	4	
	ELECTIVE – I	4+1*	0	4	
	Robotics				
	Computational Fluid Dynamics				
	Mechatronics				
	Advanced Data Structures and Algorithms				
	ELECTIVE – II	4+1*	0	4	
	Unconventional Machining Processes				
	Nonconventional Sources of Energy				
	Power Plant Engineering				
	Unix and Shell programming				
	Heat Transfer Lab	0	3	2	
	Production Drawing Practice and Instrumentation Lab	0	3	2	
	TOTAL	30	6	28	

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

		MECHANICAL ENGINEERING			
B.Tech - IV	•			Seme	ster –II
CODE	SUBJECT		Т	P/D	С
	Production Plann	ing and Control	4+1*	0	4
	ELECTIVE - III		3+1*	0	3
		and Fuzzy Logic Systems			
	Tribology				
	Nanotechnology				
	Computer Organ	ization and Architecture			
	ELECTIVE - IV		3+1*	0	3
	Principles of Entr				
	Automation in Ma				
	Interactive Comp				
	Operating System	n Concepts			
	CAD/CAM Lab		0	3	2
	Industry Oriented	d Mini Project	0	0	2
	Seminar		0	0	2
	Project Work		0	0	10
	Comprehensive '	Viva	0	0	2
	TOTAL		13	3	28

Note : All End Examinations (Theory and Practical) are of three hours duration. * - Tutorial

T - Theory
P - Practical/Drawing
C - Credits

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,KAKINADA

B. TECH. CIVIL ENGINEERING COURSE STRUCTURE

IV YEAR I	Semest	er
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	TV YEAR 1 Semestry Syllabus)	PIP	C	C
Code	Subject (Click on subject to view Syllabus)	4		4
1.	Geotechnical Engineering -II	4		4
2.	Design & Drawing of Irrigation Structures			4
3	Environmental Engineering	4		4
4.	Remote Sensing and GIS Applications	4		-
5.	ELECTIVE-I	4]4
a.	Earthaquake Resistant Design			
b.	Ground Improvement Techniques			
c.	Urban Transportation Planning			_
6.	OPEN ELECTIVE	4		14
a.	Air Pollution and Control			
b.	Disaster Management			
c.	Industrial Water & Waste Water Management			
d.	Architercture and Town Planning			
7.	GIS and CAD Lab		2	2
8.	Water and Wastewater Engineering Lab		2	2
	TOTAL			28

IV YEAR I I Semester

Code	Subject (Click on subject to view Syllabus)	P	C	C
1.	Estimatin, Specification & Contracts	4		4
5.	ELECTIVE-II	4		4
a.	Advanced Structural Design			
b.	Ground Water Development and Management			
c.	Environmental Impact Assessment and Management			
3.	ELECTIVE - III	4		4
a.	Water Shed Management			
b.	Finite Element Methods			
c.	Pavement Analysis Design and Evaluation			
4.	ELECTIVE - IV	4	T	14
a.	Soil Dynamics and Machine Foundations			
b.	Advanced Structural Analysis			
c.	Water Resources System Planning and Management			
5.	Project Work	1	7	14
	TOTAL	+		20

Agricultural Engineering III YEAR II SEMESTER

	Subject	7	P	Credits
3. 110	Irrigation and Drainage Engineering	4	1	3
1		4	1	3
2	Farm Machinery and Equipment – I	4	1	3
3	Design of Soil, Water Conservation and Farm Structures	4	1	3
4	Dairy and Food Engineering	4	1	3
5	Theory of Structures	4	1	3
6	Open Elective	4	- F	
	Operations Research			
	Digital Control systems		457	
	Robotics & Automation			
m - 17 17	Industrial Pollution Control Engineering			
	Advanced Separation Technology		, T _{2,8}	
-	Mechatronics			
	Finite Element Method	i manaza ar La transiti	1 1 1 1	
	Soil Dynamics and Machine Foundations		100 m	
	Water Resources System Planning and		S. e.,	
	Management	. 14.5.1		
	Green Technologies		<i>t.</i> (*.)	
7	Agricultural Process Engineering Lab	4.3 _ 18.20	3	2
7 /	Soil and Water Engineering Lab		3	2
8				22
	Total		+ *	

IV YEAR I SEMESTER

	Cubinet	T	Р	Credits
5, NO	Subject Micro Irrigation Engineering	4	1	3
2	Farm Machinery and Equipments – II	4 .		3
3	Post Harvest Engineering for Horticulture Produce	4	1 .	3 ,
4	Mechanical Measurements and Instrumentation	4	1	3
5	ELECTIVE - I	4	1	3
	Seed Processing and Storage Engineering		. ;	
	Managerial economics & financial Analysis			
(Food Processing Plant Design and Layout			

-	r	١
7	ι	l

1	20	S. C. Lander and M. C.	-	1	7
T	6	ELECTIVE - II	4		3
		Watershed Management	4		
		Food Packaging Technology			
		Computational Fluid Dynamics		3	9
	7	Field Operation and Maintenance of	e - 	0	
		Tractors and Farm Machinery Lab		de La	
1	8	Dairy and Food Engineering Lab		3	2
		Total	21	11	22

IV YEAR II SEMESTER

	Subject	CT C	P	Credits
1	Design of Agricultural Machinery	4	1	3
2	ELECTIVE - III	4	1	3
	GIS and Remote Sensing			
	Human Engineering and Safety			
	Production Technology of		A	
	Agricultural Machinery		•	
3	ELECTIVE - IV	4	15	3
	Minor Irrigation and Command area	i o s Distriction		
	development			
	Hydraulic Devices and Control	gradeni i septimi i nasina da da jaga jili		Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria
	Principles of Entrepreneurship		Andrews	
4	Agro Industries and Bi-product Utilization	**************************************	0	
5	Project Work	The state of the s	15	,
	Total	<i>I</i> *	15	9
		Marin St.	A. A.	2

DEPARTMENT OF CIVIL ENGINEERING

Revised course structure for

M.Tech (Structural Engineering) (DT)

| Year - | SEMESTER | Programme

S.No	Name of the Subject	L	Р	С
1	Advanced Mathematics	4		3
2	Theory of Elasticity	4	_	3
3	Matrix Analysis of Structures	4	_	3
4	Structural Dynamics	4	_	3
5 🦰	Elective –I	4	_	3
	a) Experimental Stress Analysis			
	b) Sub-Structure Design			
	c) Structural Optimization			
6 🦰	Elective – II	4		3
	a) Repair and Rehabilitation of Structures			
	b) Analysis and Design of Tall Buildings			
	c) Plastic Analysis and Design			
7	Advanced Structural Engineering Laboratory	_	3	2
	Total			20

II SEMESTER

1	Finite Element Method	4		3
2	Earthquake Resistant Design	4	_	3
3	Stability of Structures			3
4	Theory of Plates & Shells	4	-	3
5 🦱	Elective - III	4	1	3
	a) Pre-stressed Concrete		_	
	b) Mechanics of Composite Materials			
	c) Fracture Mechanics			
6	Elective – IV	4		3
	a) Industrial Structures			
	b) Bridge Engineering			,
	c) Earth Retaining Structures			
7	CAD Laboratory	_	3	2
	Total			20

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING Specialization: COMPUTER SCIENCE & TECHNOLOGY COURSESTRUCTURE

I SEMESTER

1 SEW	ESTER		P	C I
S.NO	SUBJECT	L	 ' 	
	ADVANCED DATA STRUCTURES	4	<u> - </u>	3
	ADVANCED GRAPH THEORY	4	-	3
		4		3
	PARALLEL ALGORITHMS	V 4	-	3
4	DATA MINING AND KNOWLEDGE DISCOVER	1 7	+	3
5	ADVANCED COMPUTER NETWORKS	4	-	-
6	DISTRIBUTED PROGRAMMING			
	APPLICATIONS THROUGH JAVA	4	<u> </u>	3
7	CST LAB I	-	3	2
<u> </u>	TOTAL			20
	IOIAL			

II SEMESTER

MESTER			
SUBJECT	L	Р	С
ADVANCED COMPUTER ALGORITHMS	4	-	3
COMPUTER SYSTEM ENGINEERING	4	- y	3
ADVANCED UNIX PROGRAMMING	4	-	3
Elective I	4	-	3
MIDDLEWARE TECHNOLOGIES			
HEALTH INFORMATICS	,		· .
SOFT COMPUTING			
Elective II	4	-	3
INFORMATION SECURITY			
INFORMATION RETRIEVAL SYSTEMS			
VOIP			
Elective III	4	-	3
PATTERN RECOGNITION AND IMAGE			
PROCESSING			
MACHINE LEARNING			
CLOUD COMPUTING		4	
CST LAB 2		3	2
TOTAL			20
	SUBJECT ADVANCED COMPUTER ALGORITHMS COMPUTER SYSTEM ENGINEERING ADVANCED UNIX PROGRAMMING Elective I MIDDLEWARE TECHNOLOGIES HEALTH INFORMATICS SOFT COMPUTING Elective II INFORMATION SECURITY INFORMATION RETRIEVAL SYSTEMS VOIP Elective III PATTERN RECOGNITION AND IMAGE PROCESSING MACHINE LEARNING CLOUD COMPUTING CST LAB 2	SUBJECT ADVANCED COMPUTER ALGORITHMS 4 COMPUTER SYSTEM ENGINEERING 4 ADVANCED UNIX PROGRAMMING 4 Elective I 4 MIDDLEWARE TECHNOLOGIES HEALTH INFORMATICS SOFT COMPUTING Elective II 4 INFORMATION SECURITY INFORMATION RETRIEVAL SYSTEMS VOIP Elective III 4 PATTERN RECOGNITION AND IMAGE PROCESSING MACHINE LEARNING CLOUD COMPUTING CST LAB 2	SUBJECT ADVANCED COMPUTER ALGORITHMS 4 COMPUTER SYSTEM ENGINEERING 4 ADVANCED UNIX PROGRAMMING 4 Elective I 4 MIDDLEWARE TECHNOLOGIES HEALTH INFORMATICS SOFT COMPUTING Elective II 1 INFORMATION SECURITY INFORMATION RETRIEVAL SYSTEMS VOIP Elective III 4 PATTERN RECOGNITION AND IMAGE PROCESSING MACHINE LEARNING CLOUD COMPUTING CST LAB 2 3

DEPARTMENT OF ELECTRONICS AND COMMUNICATION **ENGINEERING**

Specialization: Embedded Systems

I SEMESTER

COURSESTRUCTURE

S.No	Name of the Subject	L	Р	С
1	Embedded System Design	4	-	3
2	2. Microcontrollers for Embedded System Design	4	-	3
3	3. Embedded Real Time Operating Systems	4	-	3
4	4. Embedded - C	4	-	3
5	Elective I			4
	1. Digital System Design	4	-1	3
	2. Network Security & Cryptography			1
	3. Advanced Computer Architecture	1)		
6	Elective II	D E	1 P	
	1. Embedded Computing	4	-	3
	2. Soft Computing Techniques			
	3. Advanced Operating Systems			
7	Laboratory			
	Embedded C-Laboratory	-	3	2
	TOTAL			20

II SEMESTER

1	Hardware Software Co-Design	4	-	3
2	2. Digital Signal Processors and Architecture	4	-	3
3	3. Embedded Networking	4	-	3
4	4. CPLD and FPGA Architectures and Applications	4		3
5	Elective III			
	1. Sensors and Actuators	4	-	3
	2. Micro Electro Mechanical System Design			
	3. Internet Protocols			
6	Elective IV			
	1. System on Chip Design	4	-	3
	2. Wireless LANs and PANs			

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA KAKINADA - 533 003, Andhra Pradesh, India

EEE

Common for the following Specializations:

Power Electronics

Power Industrial Drives

Power and Industrial Drives

Power Electronics and Electrical Drives

Power Electronics and Drives

Power Electronics and Systems

Electrical Machines and Drives

Power Electronics and Control

COURSE STRUCTURE

M.Tech I YEAR I SEMESTER

	Subject	L	P	Credits
S. No.		4		3
1/	Electrical Machine Modeling & Analysis	Δ		3
2 🗸	Analysis of Power Electronic Converters	<u> </u>		3
	Electric Drives - I	_	-	3
	Flexible AC Transmission Systems	-		
5	Elective – 1	4		3
	انن Power Quality iii. Optimization Techniques	4		3
6	i. Energy Auditing, Conservation and Management ii. Artificial Intelligence Techniques			
	>iii. HVDC Transmission	-	4	2
7/	Systems Simulation Lab Total Credits			20
	5 6	Electrical Machine Modeling & Analysis 2	S. No. Subject 1	S. No. Subject Subjec

SMPL SMPL FD-11

Specialization: SSP, DIP, CE&SP, IP **COURSE STRUCTURE**

| SEMESTER

S.No	Name of the Subject	L	Р	С
1	Coding Theory and Applications	4	-	3
2	Transform Techniques	4	-	3
3	Advanced Digital Signal Processing	4	-	3
4	Digital Data Communications	4	-	3
5	Elective I			
	Statistical Signal Processing	4	-	3
	Network Security and Cryptography			
	Pattern Recognition Principles		1	
6 🦰	Elective II			A Marie
	Embedded and Real Time Systems	4	-	3
	Soft Computing Techniques	DI.	The Royal Park	
	Object Oriented Programming 4			
7	Laboratory	1		
	Signal Processing Laboratory	-	3	2

II SEMESTER

The same to the same to			
Adaptive Signal Processing	4	-	3
Image & Video Processing	4	-	3
Wireless Communication & Networks	4	-	3
DSP Processors and Architectures	4	-	3
Elective III			
RF Circuit Design	4	-	3
Speech Processing			
Bio-Medical Signal Processing			
Elective IV			
Internet Protocols	4	-	3
Radar Signal Processing			
Detection and Estimation Theory			
Laboratory			
Advanced Signal Processing Laboratory	-	3	2
	Image & Video Processing Wireless Communication & Networks DSP Processors and Architectures Elective III RF Circuit Design Speech Processing Bio-Medical Signal Processing Elective IV Internet Protocols Radar Signal Processing Detection and Estimation Theory Laboratory	Image & Video Processing Wireless Communication & Networks DSP Processors and Architectures Elective III RF Circuit Design Speech Processing Bio-Medical Signal Processing Elective IV Internet Protocols Radar Signal Processing Detection and Estimation Theory Laboratory	Image & Video Processing Wireless Communication & Networks DSP Processors and Architectures Elective III RF Circuit Design Speech Processing Bio-Medical Signal Processing Elective IV Internet Protocols Radar Signal Processing Detection and Estimation Theory Laboratory

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA KAKINADA - 533 003, Andhra Pradesh, India

I_SEMESTER

R.Na	Cado	Subject		1.	T	P	Credite
i	TE 101(Core-1)	Advanced I	Fluid Mechanics	3	0	0	3
2	TE102(Core-2)		onal Fluid Dynamics	3	0	0	3
3	Program Elective – I TE 103	TE 1031	Advanced I.C engine ,Electric and Hybrid vehicles Gas Dynamics	3	0	0	3
			Cryogenic Engineering Advanced Thermodynamics				, , , , , , , , , , , , , , , , , , ,
4	Program Elective – II TE 104	TE 1042 A	Gas Turbines Alternative Fuel Technologies Energy Conservation and Management	3	0	0	3
			heory and Technology of Fuel Cells				, .
;]	TE 105	Computation	nal Fluid Dynamics Lab -I	0	0	3	2
,	TE 106	Thermal Eng	tineering Lab-I	0	0	3	2
-	TE 107	Research Me	thodology And IPR	2	0	0	2
	TE 108	Soft Skills		2	0	0	0
			Total				18

II-SEMESTER

S. No	Code	Subject		L	T	P	Credits
1	TE 201(Core-1)	Advanced	Heat Transfer	3	0	0	3
2	TE 202(Core-2)	Thermal M	leasurements and Process Controls	3	0	0	3
3	Program Elective- III	TE 2031	Equipment Design for Thermal Systems	3	0	0	3
<u> </u>	TE 203	TE 2032	Solar Energy Technologies	7	1		1
		TE 2033	Advanced Power Plant Engineering				
		TE 2034	Combustion, Emissions and Environment				
	Program Elective- IV	TF 2041	let Propulsion and Rocket Engineering	3	Û	n	3 .
1	TE 204	TE 2042	Automotive Engineering	7			
		TE 2043	Modeling of LC engines	1			
		TE 2044	Renewable Energy Technologies	1			1
7	TE 205	Computation	nal Fluid Dynamics Lab-II	0	0	3	12
	TE 206		sincering Lab-[]	0	0	3	2
17	E 207		with Seminar	12	0	0	12



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA KAKINADA – 533 003, Andhra Pradesh, India

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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S.Na.	Code	Subject		L	T	P	Credits
1	MOIAI	Advanced	Mechanics of Solids	3	0	0	3
-	MD101		I Vibrations and Acoustics	3	0	0	3
3	MD102 Programme	MD1031	Design of Modern Vehicle Systems	3	0	0	3
	Elective - I	MD 1032	Product Design];			4,
		MD 1033	Geometric Modeling		72		
	MD 103	MD 1034	Fracture Mechanics	š .	· .	1 · ·	
		MD 1035	Advanced Mechanisms		g = u		
4	Programme	MD 1041	Non-Destructive Evaluation	3	0	0	3
1	Elective -II	MD 1042	Robotics				
	•	MD 1043	Design for Manufacturing & Assembly				
	MD 104	MD 1044	Multi Body Dynamics				
		MD 1045	Vision Systems and Image Processing				
5	MD105 T	Machine D	ynamics Lab	0	0	4	2
6	MD106 ↓	Design Pra	ctice Lab-I a manufactural area and a	0	0	4	2
7	MD107	Research N	Acthodology and IPR	2	0	0	2
8	MD108	Soft Skills	CHENTUR HAR ARBEITA - CE .	2	0	0	0
			/ Part Total (Balling College)	y Eu			18

II Semester

•	S.No.	Code	Subject	L	T	P	Credits
	1	MD201	Advanced Finite Element Methods	3	0	0	2
	2	MD202	Advanced Machine Design	3	0	0	3
	3	Programme Elective – III	MD 2031 Theory of Plasticity MD 2032 Signal Analysis and Condition	3	0	0	3
		MD 203	Monitoring MD 2033 Computational Fluid Dynamics				
			MD 2034 Composite Materials MD 2035 Soft Computing				
	4	Programme Elective – IV	MD 2041 Experimental Techniques and data	3	0	0	3
4.		MD 204	MD 2042 Design with advanced Materials MD 2043 Mechatronics				
		the think the property of	MD 2044 Tribology		1	1347	

IYEA	RISEME	STKR.		101 0			200
S.No	Code	Courses	Marks	SL,	T	A STATE OF THE STA	C
1	C-101	Management and Organizational Behavior	100	340	0	0	# # 4
2	C-102	Managerial Economics	100	4	0	0	
3	C-103	Accounting for Managers	100	4	0	0.	04
4	C-104	Quantitative Analysis for Business Decisions	100	4	0	0	1 J
5	C-105	Legal and Business Environment	100	4	i 0 (0	4
6	C-106	Business Communication and Soft skills	100	4	0	0	4
7. Y	C-107 Open Elective	Cross Cultural Management Rural Innovation projects MOOCs: SWAYAM/NPTEL- Related to Management Courses other than listed courses in the syllabus	100	4	0	0	1 4
8	C-108	Business Communication and Soft skills Lab	50	0	_0	2	2
9	C-109	Information Technology – Lab1(Spreadsheet and Tally)	50	0	10	2	2
		Total	800	28	0	4	3

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S.No	Course Code	Courses	Marks		Γ.	P	C
1	C-201	Financial Management	100	1	0)	1
2	C-202	Human Resource Management	100	1 - 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·	0)	1
3	C-203	Marketing Management	100	1.1	0)	1
4	C-204	Operations Management	100	1	0) : -	1