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SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
 Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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Program: U.G	Branch: ECE
Course : B.TECH	Subject: APPLIED PHYSICS
Academic Year: 2022-23 (I Year II Semester)	Faculty Name: N. SESHU

LESSON PLAN

Course Objectives:

1. Binding the gap between the physics in school at 10+2 level and UG level engineering courses
2. To identify the importance of the optical phenomenon i.e. Interference, diffraction and polarization related to its Engineering applications
3. Understand the mechanism of emission of light. Utilization of lasers as coherent light sources for low and high energy applications. Study of propagation of light through optical fibers and their implications in optical communications
4. Enlightenment of the concepts of Quantum Mechanics and to provide fundamentals of Debroglie matter waves, Quantum mechanical wave equation and its application. The importance of free electron theory for crystalline solids Metals –Semiconductors –Insulators concepts utilization of transport phenomenon of charge carriers in semiconductors.
5. To explain the significant concepts of dielectric and magnetic materials that leads to potential applications in the emerging micro devices
6. To understand the physics of semiconductors and their working mechanism. To give an impetus on the subtle mechanism of superconductors using the concepts of BCS theory and their fascinating applications.

S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT 1 : WAVE OPTICS					
1	13/3/23	Syllabus: Applied Physics	1	TB1, R2	Chalk and Talk
2	14/3/23	Interference: Principle of superposition, Interference of light	2	TB1, R2	Chalk and Talk
3	17/3/23	Interference in thin films & applications	1	TB1, R2	Chalk and Talk
4	18/3/23	Colors in thin films	1	TB1, R2	Chalk and Talk
5	20/3/23	Newton's Rings	2	TB1, R2	Chalk and Talk
6	21/3/23	Determination of wavelength and refractive index.	1	TB1, R2	Chalk and Talk
7	24/3/23	Diffraction: Introduction, Fresnel and Fraunhofer diffraction	1	TB1, R2	Chalk and Talk
8	27/3/23	Fraunhofer diffraction due to single slit, double slit	2	TB1, R2	Chalk and Talk
9	27/3/23	Fraunhofer diffraction due to N-slits	1	TB1, R2	Chalk and Talk
10	28/3/23	Dispersive power and resolving power of Grating	1	TB1, R2	Chalk and Talk
11	31/3/23	Polarization: Introduction-Types of polarization.	1	TB1, R2	Chalk and Talk
		Polarization by reflection, refraction and			Chalk and Talk

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12	1/4/23	Double refraction.	1	TB1, R2	
13	3/4/23	Nicol's Prism, Half wave and Quarter wave plates.	2	TB1, R2	Chalk and Talk
Total Number of Classes : 17					
UNIT 2: LASERS AND FIBER OPTICS					
14	4/4/23	Lasers: Introduction – Characteristics of laser	1	TB1, R2	Chalk and Talk
15	7/4/23	Spontaneous and Stimulated emissions of radiation	1	TB1, R2	Chalk and Talk
16	8/4/23	Population inversion, Lasing action, Einstein's coefficients.	1		Chalk and Talk
17	10/4/23	Pumping mechanisms, Ruby laser	1	TB1, R2	Chalk and Talk
18	10/4/23	He-Ne laser - Applications of laser	1	TB1, R2	Chalk and Talk
19	11/4/23	Fiber optics: Introduction – Principle of optical fiber	1	TB1, R2	Chalk and Talk
20	14/4/23	Acceptance Angle, Numerical Aperture.	1	TB1, R2	Chalk and Talk
21	15/4/23	Classification of optical fibers based on refractive index profile and modes	2	TB1, R2	Chalk and Talk
22	17/4/23	Propagation of electromagnetic wave through optical fibers - Applications.	1	TB1, R2	Chalk and Talk
Total Number of Classes : 10					
UNIT 3: QUANTUM MECHANICS, FREE ELECTRON THEORY AND BAND THEORY					
23	18/4/23	Quantum Mechanics: Dual nature of matter	1	TB1, R2	Chalk and Talk
24	21/4/23	Heisenberg's Uncertainty Principle, Significance and properties of wave function	1	TB1, R2	Chalk and Talk
25	22/4/23	Schrodinger's time independent and dependent wave equations.	2	TB1, R2	Chalk and Talk
26	24/4/23	Particle in a one-dimensional infinite potential well	1	TB1, R2	Chalk and Talk
27	25/4/23	Free Electron Theory: Classical free electron theory	1	TB1, R2	Chalk and Talk
28	28/5/23	Quantum free electron theory, Equation for electrical conductivity based on quantum free electron theory	1	TB1, R2	Chalk and Talk
29	29/5/23	Fermi-Dirac distribution, Density of states (3D), Fermi energy	2	TB1, R2	Chalk and Talk
30	8/5/23	Band theory of Solids: Bloch's Theorem	1	TB1, R2	Chalk and Talk
31	12/5/23	Kronig - Penney model, E vs K diagram - v vs K diagram, effective mass of electron	2	TB1, R2	Chalk and Talk
32	13/5/23	Classification of crystalline solids-concept of hole.	1	TB1, R2	Chalk and Talk
Total Number of Classes : 13					
UNIT- 4: DI ELECTRIC AND MAGNETIC MATERIALS					
33	15/5/23	Dielectric Materials: Introduction, Types of polarizations.	1	TB1, R2	Chalk and Talk
34	15/5/23	Dielectric polarization, Dielectric polarizability, Susceptibility and Dielectric constant	1	TB1, R2	Chalk and Talk
		Electronic, Ionic, and Orientation			Chalk and Talk



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35	16/5/23	polarizations	1	TB1, R2	
36	20/5/23	Lorentz internal field, Clausius, Mossotti equation, Piezoelectricity	2	TB1, R2	Chalk and Talk
37	22/5/23	Magnetic Materials: Introduction - Magnetic dipole moment	1	TB1, R2	Chalk and Talk
38	22/5/23	Magnetization, Magnetic susceptibility and permeability	1	TB1, R2	Chalk and Talk
39	23/5/23	Origin of permanent magnetic moment	1	TB1, R2	Chalk and Talk
40	26/5/23	Classification of magnetic materials: Dia, para, Ferro, Anti ferro & Ferri magnetic materials	1	TB1, R2	Chalk and Talk
41	27/5/23	Domain concept for Ferromagnetism & Domain walls	1	TB1, R2	Chalk and Talk
42	29/5/23	Hysteresis, soft and hard magnetic materials	1	TB1, R2	Chalk and Talk
43	29/5/23	Eddy currents, Engineering applications	1	TB1, R2	Chalk and Talk
Total Number of Classes : 12					

UNIT - 5: SEMI CONDUCTORS AND SUPER CONDUCTORS

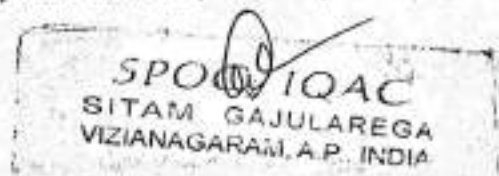
44	30/5/23	Semiconductors: Introduction, Intrinsic semiconductors – Density of charge carriers	1	TB1, R2	Chalk and Talk
45	2/6/23	Electrical conductivity, extrinsic semiconductors – density of charge carriers	1	TB1, R2	Chalk and Talk
46	3/6/23	Fermi level, Dependence of Fermi energy on carrier concentration and temperature	1	TB1, R2	Chalk and Talk
47	5/6/23	Drift and diffusion currents – Einstein's equation	1	TB1, R2	Chalk and Talk
48	5/6/23	Hall effect, Hall coefficient, Applications of Hall effect	1	TB1, R2	Chalk and Talk
49	6/6/23	Superconductors: Introduction, Properties of superconductors	1	TB1, R2	Chalk and Talk
50	9/6/23	Type I and Type II superconductors, High Tc superconductors	1	TB1, R2	Chalk and Talk
51	12/6/23	BCS theory, Meissner effect, Josephson effects (AC and DC) – SQUIDS.	2	TB1, R2	Chalk and Talk
52	13/6/23	Applications of superconductors	1	TB1, R2	Chalk and Talk
53	17/6/23	Revision of Unit - 3	1		
54	19/6/23	Revision of Unit - 4	2		
55	20/6/23	Revision of Unit – 5	1		
Total Number of Classes : 14					
Total Number of Classes for all Units : 66					

Text Books:

1. M. N. Avadhanulu, P.G. Kshirsagar & TVS Arun Murthy" A Text book of Engineering Physics"- S. Chand Publications, 11th Edition 2019.

2. Engineering Physics" by D. K. Bhattacharya and Poonam Tandon, Oxford press(2015).

3. Applied Physics by P.K. Palanisamy Sci Techpublications.



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References:

1. Fundamentals of Physics – Halliday, Resnick and Walker, John Wiley & Sons
2. Engineering Physics by M.R. Srinivasan, New Age international publishers (2009).
3. Shatendra Sharma, Jyotsna Sharma, "Engineering Physics", Pearson Education, 2018
4. Engineering Physics - Sanjay D. Jain, D. Sahasrabudhe and Girish, University Press
5. Semiconductor physics and devices- Basic principle – Donald A. Neamen, Mc Graw Hill
6. B.K. Pandey and S. Chaturvedi, Engineering Physics, Cengage Learning



Signature of the Faculty



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Program: U.G		Branch: CSE			
Course : B.TECH		Subject: Mathematics - II			
Academic Year:2022-23 (I Year II Semester)			Faculty Name: A. ANILKUMAR		
LESSON PLAN					
Course Objectives:					
<ul style="list-style-type: none">To instruct the concept of matrices in solving linear algebraic equationsTo elucidate the different numerical methods to solve non-linear algebraic equationsTo disseminate the use of different numerical techniques for carrying out numerical integrationTo equip the students with standard concepts and tools at an intermediate to advanced level mathematics to develop the confidence and ability among the students to handle various real world problems and their applications					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
Unit 1: SOLVING SYSTEM OF LINEAR EQUATIONS, EIGEN VALUES AND EIGEN VECTORS					
1	16/3/23	Introduction, rank of matrix and problems	1	TB1, R2	Chalk and Talk
2	16/3/23	Echelon form and Normal form of a matrix	1	TB1, R2	Chalk and Talk
3	18/3/23	PAQ method to find rank	1	TB1, R2	Chalk and Talk
4	23/3/23	Consistency and inconsistency of system of equations	2	TB1, R2	Chalk and Talk
5	23/3/23	Gauss-Elimination method	2	TB1, R2	Chalk and Talk
6	25/3/23	Eigen values and Eigen vectors of a matrix	1		
7	28/3/23	Eigen values and Eigen vectors of a matrix	2	TB1, R2	Chalk and Talk
8	30/3/23	Properties of eigen values	2	TB1, R2	Chalk and Talk
Total Number of Classes: 12					
Unit 2: CAYLEY- HAMILTON THEOREM AND QUADRATIC FORMS					
9	3/4/23	Diagonalisation of a matrix	2	TB1, R2	Chalk and Talk
10	4/4/23	Introduction of Cayley-Hamilton theorem and applications	1	TB1, R2	Chalk and Talk
11	6/4/23	Problems of Cayley-Hamilton theorem and applications	2		
12	11/4/23	Quadratic forms and nature of quadratic forms	2	TB1, R2	Chalk and Talk
13	13/4/23	Reduction of quadratic form to normal form: Diagonalisation method	2	TB1, R2	Chalk and Talk
14	17/4/23	Reduction of quadratic form to normal form: Orthogonal transformation	2	TB1, R2	Chalk and Talk
15	20/4/23	Singular value decomposition of a matrix	2	TB1, R2	Chalk and Talk
Total Number of Classes: 13					
UNIT3: ITERATIVE METHODS					
16	20/4/23	Bisection method	1	TB1, R2	Chalk and Talk



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18	22/4/23	Secant method	1	TB1, R2	Chalk and Talk
	27/4/23	Regula - Falsi method or Method of false-position	1	TB1, R2	Chalk and Talk
19	29/4/23	Iteration method	2	TB1, R2	Chalk and Talk
20	9/5/23	Newton-Raphson method	2	TB1, R2	Chalk and Talk
21	11/5/23	Newton-Raphson method for simultaneous equations	1	TB1, R2	Chalk and Talk
22	13/5/23	Solution of system of equations: Gauss-Jacobi method	2	TB1, R2	Chalk and Talk
23	15/5/23	Solution of system of equations: Gauss-Seidel method	1	TB1, R2	Chalk and Talk
Total Number of Classes: 11					

Unit 4: INTERPOLATION

24	16/5/23	Introduction to Interpolation, Forward differences and Forward difference table	1	TB1, R2	Chalk and Talk
25	18/5/23	Backward differences and Backward difference table	1	TB1, R2	Chalk and Talk
26	18/5/23	Central differences and Central difference table	1	TB1, R2	Chalk and Talk
27	22/5/23	Relation between various differences operators	2	TB1, R2	Chalk and Talk
28	25/5/23	Newton's forward interpolation	2	TB1, R2	Chalk and Talk
29	27/5/23	Newton's Backward interpolation	2	TB1, R2	Chalk and Talk
30	30/5/23	Lagrange's Interpolation formulae and Problems	2	TB1, R2	Chalk and Talk
31	1/6/23	Newton's divided difference formulae and problems	2	TB1, R2	Chalk and Talk
Total Number of Classes: 13					

Unit 5: NUMERICAL DIFFERENTIATION AND INTEGRATION, SOLUTION OF ORDINARY DIFFERENTIAL EQUATIONS

32	3/6/23	Numerical differentiation: Using Newton's forward interpolation formula	1	TB1, R2	Chalk and Talk
33	5/6/23	Numerical differentiation: Using Newton's Backward interpolation formula	1	TB1, R2	Chalk and Talk
34	6/6/23	Numerical differentiation: Using Newton's Central difference interpolation formula	1	TB1, R2	Chalk and Talk
35	10/6/23	Numerical Integration: Trapezoidal rule	1	TB1, R2	Chalk and Talk
36	10/6/23	Numerical Integration: Simpson's 1/3rd rule	1	TB1, R2	Chalk and Talk
37	12/6/23	Numerical Integration: Simpson's 3/8 th rule	1	TB1, R2	Chalk and Talk
38	13/6/23	Solution of ODE: Taylor's method	1	TB1, R2	Chalk and Talk
39	15/6/23	Solution of ODE: Picard's method	1	TB1, R2	Chalk and Talk
40	15/6/23	Solution of ODE: Euler's method	1	TB1, R2	Chalk and Talk
41	17/6/23	Solution of ODE: Modified Euler's method	1	TB1, R2	Chalk and Talk
42	22/6/23	Solution of ODE: Runge-Kutta method	2	TB1, R2	Chalk and Talk
Total Number of Classes: 12					

Total Number of Classes for all units: 61



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Text Books:

1. B.S.GREWAL, Higher Engineering Mathematics, 44th Edition , Khanna Publishers
2. B.V.RAMANA, Higher Engineering Mathematics, 2007 Edition , Tata Mc.Graw Hill Education.
3. David Poole, Linear Algebra – A modern introduction , 4th Edition , Cengage.

References:

1. Steven C.Chapra , Applied Numerical Methods With MATLAB for Engineering and Science, Tata Mc.Graw Hill Education.
2. M.K.Jain , S.R.K Iyengar and R.K.Jain , Numerical Methods for Scientific and Engineering computations, New age International Publications.

Signature of the Faculty

Signature of HOD



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Program : UG	Branch: H&BS
Course : B.TECH	Subject: APPLIED CHEMISTRY
Academic Year: 2021-2022 (I year I sem)	Faculty Name: J.S.SAILAJA(R201115)
LESSON PLAN	
Course Objectives:- <ul style="list-style-type: none"> • Importance of usage of plastics in household appliances and composites (FRP) in aerospace and automotive industries. □ Outline the basics for the construction of electrochemical cells, batteries and fuel cells. Understand the mechanism of corrosion and how it can be prevented. □ Explain the preparation of semiconductors and nanomaterials, engineering applications of nanomaterials, superconductors and liquid crystals. □ Recall the increase in demand for power and hence alternative sources of power are studied due to depleting sources of fossil fuels. Advanced instrumental techniques are introduced. □ Outline the basics of computational chemistry and molecular switches 	

S.NO	Proposed date	Unit No & Topic to be covered	Required no. of priods	Reference Text Book	Nature of Teaching
UNIT-I					
1	13-12-2021	Introduction to polymers	1	TB2, TB1	chalk & talk
2	14-12-2021	methods of polymerization (emulsion and suspension mechanical properties.	1	TB1	chalk & talk
3	16-12-2021	(PVC, polycarbonates and Bakelite	1	TB1	chalk & talk
4	17-12-2021	mention some examples of plastic materials used in electronic gadgets, recycling of e-plastic waste (waste to wealth)	1	TB1	chalk & talk
5	20-12-2021	Introduction, preparation, properties and applications (Buna S, thiokol and polyurethanes	1	TB1	chalk & talk
6	21-12-2021	Composite materials: Fiber reinforced plastics	1	TB1	chalk & talk
7	23-12-2021	Conducting polymers	1	TB1	chalk & talk
8	24-12-2021	Biodegradable polymers		TB1	chalk & talk
9	28-12-2021	Biomedical polymers		TB1	chalk & talk

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10	30-12-2021	Bio polymers	1	TB1	chalk & talk
11	31-12-2021	Bakelite preparation	1	TB1	chalk & talk
12	3-01-2022	polyurethanes	1	TB1	chalk & talk
13	04-01-2022	revision	1		
14	05-01-2022	Class test	1		
Total no. of classes			13		

UNIT-II

15	06-01-2022	Single electrode potential, electrochemical series and uses of series	1	TB1	chalk & talk
16	07-01-2022	standard hydrogen electrode, calomel electrode	1	TB1	chalk & talk
17	19-01-2022	construction of glass electrode, batteries Dry cell, Li ion battery and zinc air cells	1	TB1	chalk & talk
18	20-01-2022	fuel cells (H ₂ -O ₂ , CH ₃ OH-O ₂ , phosphoric acid and molten carbonate)	1	TB1	chalk & talk
19	21-01-2022	Definition, theories of corrosion (chemical and electrochemical, galvanic corrosion)	1	TB1	chalk & talk
20	22-01-2022	differential aeration corrosion, stress corrosion, galvanic series, corrosion control (proper designing and cathodic protection), Protective coatings	1	TB1	chalk & talk
22	24-01-2022	(surface preparation, cathodic coatings, anodic coatings, electroplating and electroless plating [nickel]), Paints (constituents,	1	TB1	chalk & talk
23	25-01-2022	(constituents functions and special paints	1	TB1	chalk & talk
24	26-01-2022	, factors influencing rate of corrosion	1	TB1	chalk & talk
		REVISION	1	TB1	chalk & talk
Total no. of classes			10		

UNIT-III

25	27-01-2022	Non-elemental semiconducting materials:- Stoichiometric, controlled valency & chalcogen semiconductors	1	TB1	chalk & talk
26	28-01-2022	preparation of semiconductors (distillation, zone refining, Czochralski crystal pulling, epitaxy, diffusion, ion implantation	1	TB1	chalk & talk

Done



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27	01-02-2022	Semiconductor devices (p-n junction diode as rectifier, junction transistor). Insulators & magnetic materials	1	TB1	chalk & talk
28	03-02-2022	electrical insulators-ferro and ferri magnetism-Hall effect and its applications. Part II: Nano materials:- Introduction, sol-gel method, characterization	1	TB1	chalk & talk
29	04-02-2022	(scanning electron microscopy [SEM]) and (transmission electron microscopy [TEM]	1	TB1	chalk & talk
30	07-02-2022	applications of graphene and fullerenes,	1	TB1	chalk & talk
31	08-02-2022	Fullerene, carbon nanotubes	1	TB1	chalk & talk
32	10-02-2022	Liquid crystals	1	TB1	chalk & talk
33	11-02-2022	Superconductivity	1	TB1	chalk & talk
			9		

UNIT-IV

34	15-02-2022	Electromagnetic spectrum-UV (laws of absorption, instrumentation, theory of electronic spectroscopy,	1	TB1,R1	chalk & talk
35	17-02-2022	Frank-condon principle, chromophores and auxochromes, intensity shifts, applications	2	TB1,R1	chalk & talk
36	18-02-2022	[instrumentation and differentiation of sp, sp ² , sp ³ and IR stretching of functional groups (alcohols, carbonyls, amines) applications], magnetic resonance imaging	2	TB1,R1	chalk & talk
37	20-02-2022	Design, working, schematic diagram, advantages and disadvantages of photovoltaic cell, hydropower, geothermal power	1	TB1,R1	chalk & talk
38	21-02-2022	Design, working, schematic diagram, advantages and disadvantages, tidal and wave power, ocean thermal energy conversion	2	TB1,R1	chalk & talk
39	22-02-2022	Procedure for MRI scan	1	TB1,R1	chalk & talk
			9		

UNIT-V

40	23-02-2022	Computational chemistry: Introduction	1	TB1,R1	chalk & talk
41	24-02-2022	Computational chemistry: Introduction to computational chemistry, molecular modelling and docking		TB1,R1	chalk & talk



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42	25-02-2022	Molecular switches:	1	TB1,R1	chalk & talk
43	26-02-2022	characteristics of molecular motors and machines,	1	TB1,R1	chalk & talk
44	28-02-2022	Rotaxanes and Catenanes as artificial molecular machines,	1	TB1,R1	chalk & talk
45	01-03-2022	prototypes – linear motions in rotaxanes,	1	TB1,R1	chalk & talk
46	02-03-2022	, an acid-base controlled molecular shuttle	1	TB1,R1	chalk & talk
47	04-03-2022	Molecular switches: characteristics of molecular motors and machines, Rotaxanes and Catenanes as artificial molecular machines, prototypes –	1	TB1,R1	chalk & talk
48	05-03-2022	Molecular elevator	1	TB1,R1	chalk & talk
49	06-03-2022	Autonomous light powered molecular motor	1	TB1,R1	chalk & talk
50	08-03-2022	Revision	1	TB1,R1	chalk & talk
51	10-03-2022	Revision	1	TB1,R1	chalk & talk
52	11-03-2022	Revision	1	TB1,R1	chalk & talk
53	12-03-2022	Class test	1	TB1,R1	chalk & talk
54	13-03-2022	Class test	1	TB1,R1	chalk & talk
Total no. of classes			17		
Total no. of classes (all units)			54		

Text Books:

1. P.C. Jain and M. Jain "Engineering Chemistry", 15/e, Dhanpat Rai & Sons, Delhi, (Latest edition).
2. Shikha Agarwal, "Engineering Chemistry", Cambridge University Press, New Delhi, (2019).
3. S.S. Dara, "A Textbook of Engineering Chemistry", S.Chand & Co, (2010).
4. Shashi Chawla, "Engineering Chemistry", Dhanpat Rai Publishing Co. (Latest edition)

REFERENCES:

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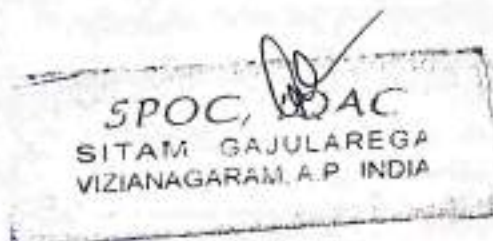
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Gajularega, Vizianagaram, Andhra Pradesh, India-535002.
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1. K. Sesha Maheshwaramma and Mridula Chugh, "Engineering Chemistry", Pearson India Edn.
2. O.G. Palana, "Engineering Chemistry", Tata McGraw Hill Education Private Limited, (2009).
3. CNR Rao and JM Honig (Eds) "Preparation and characterization of materials" Academic press, New York (latest edition)
4. B. S. Murthy, P. Shankar and others, "Textbook of Nanoscience and Nanotechnology", University press (latest edition)

Signature of the faculty


Signature of the HOD(H&BS)




Dr. D.V. Rama Murthy
Principal
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Gajularega, Vizianagaram





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Program: U.G		Branch: ECE			
Course :B.TECH		Subject: NETWORK ANALYSIS			
Academic Year:2022-23 (I Year II Semester)		Faculty Name: Mr P KARUNAKAR			
LESSON PLAN					
Course Objectives:					
1. To understand the basic concepts on RLC circuits.					
2. To know the behaviour of the steady states and transients states in RLC circuits.					
3. To know the basic Laplace transforms techniques in periods' waveforms.					
4. To understand the two port network parameters.					
5. To understand the properties of LC networks and filters.					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT-I: Introduction to Electrical Circuits					
1	15/3/23	Introduction, Network elements classification	2	T1& R2	ICT
2	17/3/23	Electric charge and current, Electric energy and potential, Resistance parameter, Resistance parameter – series and parallel combination. Inductance parameter – series and parallel combination.	2	T1& R2	Chalk & Talk
3	18/3/23	Capacitance parameter – series and parallel combination	1	T1& R2	Chalk & Talk
4	22/3/23	Energy sources: Ideal, Non-ideal, Independent and dependent sources.	2	T1& R2	Chalk & Talk
5	24/3/23	Source transformation, Kirchoff's laws, Mesh analysis	2	T1& R2	Chalk & Talk
6	25/3/23	Mesh analysis numerical problems	2	T1& R2	Chalk & Talk
7	29/3/23	Nodal analysis problem solving with resistances only including dependent sources	1	T1& R2	Chalk & Talk
8	31/3/23	Nodal analysis numerical problems, Definitions of terms associated with periodic functions: Time period, Angular velocity and frequency RMS value	2	T1& R2	Chalk & Talk
9	1/4/23	Average value, Form factor and peak factor- problem solving, Phase angle, Phasor representation, Addition and subtraction of phasors, mathematical representation of sinusoidal quantities.	2	T1& R2	Chalk & Talk
10	5/4/23	Explanation with relevant theory, problem solving, Principal of Duality with examples	1	T1& R2	Chalk & Talk
11	7/4/23	Definitions of branch, node, tree, planar, non-planar Graph, incidence matrix, basic tie set schedule, basic cut set schedule and problem solving	2	T1& R2	ICT
Total No of Classes			17		
Unit 2: Transients					
12	8/4/23	First order differential equations, Definition of time constants	2	R3	Chalk & Talk
13	12/4/23	R-L circuit with DC excitation, Evaluating initial conditions procedure	1		
14	14/4/23	R-C circuit with DC excitation . Evaluating initial conditions procedure	2	R3	Chalk & Talk
15	15/4/23	second order differential equations, homogeneous, non homogeneous	2	R3	Chalk & Talk
16	19/4/23	problem solving using R-L-C elements with DC excitation and AC excitation	1	R3	Chalk & Talk
17	19/4/23	Response as related to s-plane rotation of roots	2	R3	Chalk & Talk
Total Number of Classes			10		



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Head of the Department
 Dept. of Electrical & Electronics Engineering
 Satya Institute of Technology & Management
 Gajularega, Vizianagaram

UNIT3:					
17	21/4/23	Steady State Analysis of A.C Circuits: Response to sinusoidal excitation - pure resistance, pure inductance, pure capacitance	2	Tl & Rl	Chalk & Talk
18	22/4/23	impedance concept, phase angle, series R-L, R-C, R-L-C circuits problem solving	1	Tl & Rl	Chalk & Talk
19	26/4/23	Complex impedance and phasor notation for R-L,R-C problem solving using mesh and nodal analysis	2	Tl & Rl	Chalk & Talk
20	28/4/23	Complex impedance and phasor notation for R-L-C problem solving using mesh and nodal analysis	2	Tl & Rl	Chalk & Talk
21	29/4/23	Star-Delta conversion, problem solving	2	Tl & Rl	Chalk & Talk
22	10/5/23	Coupled Circuits: Self inductance, Mutual inductance, Coefficient of coupling, analysis of coupled circuits	2	Tl & Rl	Chalk & Talk
23	12/5/23	Natural current, Dot rule of coupled circuits, Conductively coupled equivalent circuits	2	Tl & Rl	Chalk & Talk
24	13/5/23	Numerical problems	1	Tl & Rl	Chalk & Talk
Total Number of Classes			14		
Unit 4:					
25	17/5/23	Resonance: Introduction, Definition of Q, Series resonance, Bandwidth of series resonance	2	Tl & Rl	ICT
26	19/5/23	Parallel resonance, Condition for maximum impedance, current in anti resonance	2	Tl & Rl	ICT
27	20/5/23	Bandwidth of parallel resonance, general case resistance present in both branches	1	Tl & Rl	ICT
28	24/5/23	anti resonance at all frequencies, Numerical problems	2	Tl & Rl	Chalk & Talk
29	26/5/23	Network Theorems: Superposition Theorem	2	Tl & Rl	Chalk & Talk
30	27/5/23	Thevenin's Theorems	1	Tl & Rl	Chalk & Talk
31	31/5/23	Norton's Theorems, Max Power Transfer Theorem	2	Tl & Rl	Chalk & Talk
32	2/6/23	Numerical problems on maximum power transfer	2	Tl & Rl	Chalk & Talk
33	3/6/23	Reciprocity Theorem	1	Tl & Rl	Chalk & Talk
34	7/6/23	Compensation & Substitution Theorem, Milliman's & Tellegen Theorem	2	Tl & Rl	Chalk & Talk
Total Number of Classes			17		
Unit 5: Two-port Networks					
35	9/6/23	Z-parameters, Y-parameters	2	Tl & Rl	ICT
36	10/6/23	Transmission line parameters, h-parameters,	1	Tl & Rl	Chalk & Talk
37	14/6/23	Inverse h-parameters, Inverse Transmission line parameters	2		
38	16/6/23	Relationship between parameter sets	2	Tl & Rl	Chalk & Talk
39	17/6/23	Parallel connection of two port networks	1	Tl & Rl	Chalk & Talk
40	21/6/23	Cascading of two port networks,	2	Tl & Rl	Chalk & Talk
41	23/6/23	series connection of two port networks	1	Tl & Rl	Chalk & Talk
Total Number of Classes			11		
Total Number of Classes for all units			69		

Text Books: 1. Electric Circuit Analysis by Hayt and Kimmarle, TMH, 2006

2. Network Analysis by K.Satya Prasad and S Sivanagaraju, Cengage Learning

References:

1. Basic Circuit Analysis by DR Cunningham, Jaico Publishers.
2. Network Analysis and Filter Design by Chadha, Umesh Publications.
3. Electrical Machine Design by A.K. Sawhney, Dhanpat Rai & Sons publications.

Signature of the Faculty

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Program: U.G			Branch: Civil Engineering		
Course : B.TECH			Subject: : GEOTECHNICAL ENGINEERING - I		
Academic Year: 2022-23 (III Year I Semester)			Faculty Name: B.H.S.SAI PRASANTH		
LESSON PLAN					
Course Objectives: The Objectives of this course are: 1. To enable the student to determine the index properties of the soil and classify it. 2. To impart the concept of seepage of water through soils and determine the discharge of water through soils. 3. To impart the principles of compaction and consolidation of soils and determine the magnitude and the rate of consolidation settlement. 4. To enable the student to understand the concept of shear strength of soils, determine the shear parameters of sands and clays and the areas of their application					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT – I Introduction to geotechnical engineering					
1	1/2/23	Introduction: Soil formation – soil structure.	2	TB1, R1	Chalk and Talk
2	2/2/23	clay mineralogy – Adsorbed water	2	TB1, R1	Ppt
3	4/2/23	Mass- volume relationship	1	TB1, R1,R2	Chalk and Talk
4	8/2/23	Mass- volume relationship	2	TB1, R1,R2	Chalk and Talk
5	9/2/23	Relative density	2	TB1, R1	Chalk and Talk
6	11/2/23	Index Properties of Soils: Grain size analysis	1	TB1, R1	Chalk and Talk
7	15/2/23	Sieve and Hydrometer methods consistency limits and indices	2	TB1, R1	Ppt
8	16/2/23	Various Types of soil Classifications Unified soil classification and I.S. Soil classification	2	TB1, R1,R2	Chalk and Talk
Classes = 14					
UNIT – II Permeability & Geostatic Stresses					
9	18/2/23	Soil water – capillary rise One dimensioned flow of water through soils	2	TB1, R1	Chalk and Talk
10	22/2/23	Darcy's law- permeability	2	TB1, R1	Chalk and Talk
11	22/2/23	Factors affecting	1	TB1, R1,R2	Tutorial
12	23/2/23	laboratory determination of coefficient of permeability	2	TB1, R1	Chalk and Talk
13	25/2/23	Permeability of layered systems.	2	TB1, R1	Chalk and Talk
14	1/3/23	Geostatic Stresses: Total, neutral and effective stresses	1	TB1, TB2, R2	Chalk and Talk
15	1/3/23	quick sand condition Seepage: 2-D flow and Laplace's equation	2	TB1, R1	Tutorial
16	2/3/23	Seepage through soils-Flow nets	2	TB1, R1	Ppt
17	4/3/23	Characteristics and Uses	1		
Classes = 15					



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18	4/3/23	Stresses induced by applied loads	2	TB1, R1	Chalk and Talk
19	8/3/23	Problems	2	TB1, R1	Chalk and Talk
20	9/3/23	Boussinesq's and Westergaard's theories for point loads and areas of different shapes	1	TB1, TB2, R2	Chalk and Talk
21	11/3/23	Westergaard's theories for point loads and areas of different shapes	2	TB1, TB2, R1	Chalk and Talk
22	15/3/23	Problems on Boussinesq's and Westergaard's theory	2	TB1, R1	Ppt
23	16/3/23	Newmark's influence chart	1	TB1, TB2, R2	Chalk and Talk
24	18/3/23	2:1 stress distribution method problems	2	TB2, R2	Chalk and Talk

Classes = 12

UNIT - IV Compaction & Consolidation

25	22/3/23	Mechanism of compaction	2	TB1, TB2, R1	Chalk and Talk
26	23/3/23	Factors affecting - effects of compaction on soil properties	1	TB1, R2	Chalk and Talk
27	23/3/23	Compaction Control.	2	TB1, R2	Chalk and Talk
28	25/3/23	Consolidation: Compressibility of soils - e-p and e-log p curves.	2	TB1, R2	Ppt
29	29/3/23	Stress history - Concept of consolidation	1	TB2, R1	Chalk and Talk
30	30/3/23	Spring Analogy - Terzaghi's theory of one-dimensional Consolidation - Time rate of consolidation	2	TB1, R2	Ppt
31	1/4/23	degree of consolidation - Determination of coefficient of consolidation (cv)	2	TB1, R1	Chalk and Talk
32	1/4/23	Over consolidated and normally consolidated clays.	1		

Classes = 13

UNIT - V Shear Strength of Soils

33	8/4/23	Basic mechanism of shear strength - Mohr - Coulomb Failure theories	2	TB1, R1	Chalk and Talk
34	15/4/23	Stress-Strain behaviour of Sands	2	TB1, R1	Chalk and Talk
35	22/4/23	Critical Void Ratio	1	TB1, R1	Chalk and Talk
36	28/4/23	Stress-Strain behaviour of clays and problems	2	TB1, R1	Chalk and Talk
37	29/4/23	Shear Strength determination - various drainage conditions	2	TB1, R1	Chalk and Talk
38	4/5/23	Problems	1	TB1, R2	

Classes = 10

Total no of classes = 64



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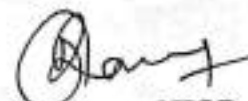
TEXT BOOKS:

1. Gopal Ranjan and A.S.R.Rao, "Basic and Applied Soil Mechanics", New Age International Publishers.
2. V.N.S.Murthy, "Soil Mechanics and Foundation Engineering", CBS publishers
3. M.Palani Kumar, "Soil Mechanics", PHI Learning

References:


1. D.W.Taylor, "Fundamentals of Soil Mechanics", Wiley.
2. Holtz and Kovacs, "An introduction to Geotechnical Engineering" Prentice Hall
3. Donald P. Coduto, Man-chu Ronald Young and William A. Kitch.

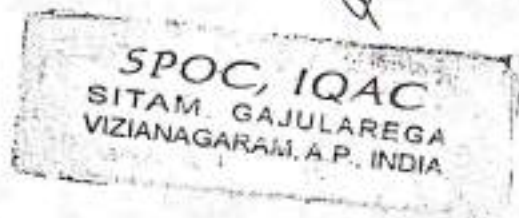
B.V.V. C. Sub.,
Signature of the Faculty



Signature of HOD
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Program: U.G			Branch: Civil Engineering		
Course :B.TECH			Subject: STRENGTH OF MATERIALS-II		
Academic Year: 2022-23- (II Year II Semester)			Faculty Name: K GAYATRI KIRAN		
LESSON PLAN					
Course Objectives: The Learning destinations of this paper is to comprehend the idea and nature of Managerial Economics and its relationship with different disciplines and furthermore to comprehend the Concept of Demand and Demand anticipating, Production work, Input Output relationship, Cost-Output relationship and Cost-Volume-Profit Analysis.					
To comprehend the idea of business sectors, Methods of Pricing in the different market structures and to know the various types of Business association and the idea of Business Cycles.					
To learn different Accounting Systems, readiness of Financial Statement and employments of various apparatuses for execution assessment. At long last, it is likewise to comprehend the idea of Capital, Capital Budgeting and the methods used to assess Capital Budgeting proposition.					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT- I Principal Stresses and Strains And Theories of Failures					
1	3/6/23	Introduction – Stresses on an inclined section of a bar under axial loading	1	TB1, R1	Chalk and Talk
2	11/2/23	compound stresses	1	TB1, R6	Chalk and Talk
3	2/2/23	Normal and tangential stresses on an inclined plane for biaxial stresses	2	TB1, R6	Chalk and Talk
4	7/2/23	Two perpendicular normal stresses accompanied by a state of simple shear	2	TB1, R6	Chalk and Talk
5	8/2/23	Mohr's circle of stresses	2	TB1, R6	Chalk and Talk
6	9/2/23	Principal stresses and strains – Analytical and graphical solutions	2	TB1, R6	Chalk and Talk
7	14/2/23	Theories of Failures: Introduction	1	TB1, R6	Chalk and Talk
8	15/2/23	Various Theories of failures like Maximum Principal stress theory	2	TB1, R6	Chalk and Talk
9	16/2/23	Maximum Principal strain theory – Maximum shear stress theory	2	TB1, R6	Chalk and Talk
10	21/2/23	Maximum strain energy theory – Maximum shear strain energy theory	2	TB1, R6	Chalk and Talk
Unit 2 Torsion of Circular Shafts and Springs					
14	22/2/23	Theory of pure torsion	1	TB1, R6	Chalk and Talk
15	24/2/23	Derivation of Torsion equations: $T/J = \phi/r = N\phi/L$ – Assumptions made in the theory of pure torsion	2	TB1, R6	Chalk and Talk
16	28/2/23	Torsional moment of resistance – Polar section modulus	2	TB1, R6	Chalk and Talk
17	1/3/23	Power transmitted by shafts – Combined bending and torsion and end thrust	2	TB1, R6	Chalk and Talk

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18	2/3/23	Design of shafts according to theories of failure.	1	TB1, R6	Chalk and Talk
19	7/3/23	Springs: Introduction – Types of springs	2	TB1, R6	Chalk and Talk
20	9/3/23	Deflection of close and open coiled helical springs under axial pull and axial couple	2	TB1, R6	Chalk and Talk
21	14/3/23	Springs in series and parallel	2	TB1, R6	Chalk and Talk
UNIT – III Columns and Struts					
26	15/3/23	Introduction – Types of columns – Short, medium and long columns	2	TB1, R6	Chalk and Talk
27	16/3/23	Axially loaded compression members – Crushing load	2	TB1, R6	Chalk and Talk
28	28/3/23	Euler's theorem for long columns- assumptions	1	TB1, R6	Chalk and Talk
29	29/3/23	Derivation of Euler's critical load formulae for various end conditions	2	TB1, R6	Chalk and Talk
30	30/3/23	Equivalent length of a column – slenderness ratio	2	TB1, R6	Chalk and Talk
31	4/4/23	Euler's critical stress – Limitations of Euler's theory	1	TB1, R6	Chalk and Talk
32	5/4/23	Rankine – Gordon formula	2	TB1, R6	Chalk and Talk
33	6/4/23	Long columns subjected to eccentric loading – Secant formula	2	TB1, R6	Chalk and Talk
34	11/4/23	Empirical formulae – Straight line formula	2	TB1, R6	Chalk and Talk
35	12/4/23	– Prof. Perry's formula	1	TB1, R6	Chalk and Talk
UNIT – IV Direct and Bending Stresses					
43	13/4/23	Stresses under the combined action of direct loading and B.M. Core of a section	4	TB1, R6	Chalk and Talk
44	18/4/23	Determination of stresses in the case of chimneys, retaining walls and dams	2	TB1, R6	Chalk and Talk
45	19/4/23	Conditions for stability – stresses due to direct loading and B.M. about both axis.	2	TB1, R6	Chalk and Talk
UNIT – V Unsymmetrical Bending and Shear Centre					
53	20/4/23	Un-symmetrical Bending: Introduction – Centroidal principal axes of section	2	TB1, R6	Chalk and Talk
54	25/4/23	Graphical method for locating principal axes – Moments of inertia referred to any set of rectangular axes	2	TB1, R6	Chalk and Talk
55	26/4/23	Stresses in beams subjected to unsymmetrical bending – Principal axes	2	TB1, R6	Chalk and Talk
56	27/4/23	Resolution of bending moment into two rectangular axes through the centroid	2	TB1, R6	Chalk and Talk
57	2/5/23	Location of neutral axis Deflection of beams under unsymmetrical bending	2	TB1, R6	Chalk and Talk
58	3/5/23	Shear Centre: Introduction Shear center for symmetrical and unsymmetrical sections (channel, I, T and L sections).	2	TB1, R6	Chalk and Talk

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Text Books:

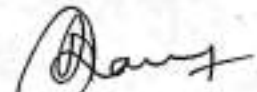
1. A Textbook of Strength of Materials, by R. K. Rajput, 7c (Mechanics of Solids) SI Units S. Chand & Co, New Delhi
2. Strength of materials by R. K. Bansal, Lakshmi Publications.

References

1. Mechanics of Materials- by R. C. Hibbler, Pearson publishers
2. Mechanics of Solids – E P Popov, Prentice Hall.
3. Strength of Materials by B.S. Basavarajaiah and P. Mahadevappa, 3rd Edition, Universities Press, Ltd.
4. Mechanics of Structures Vol – 1 by H.J. Shah and S.B. Junnarkar, Charotar Publishing House Pvt. Ltd.

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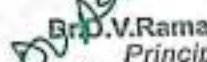
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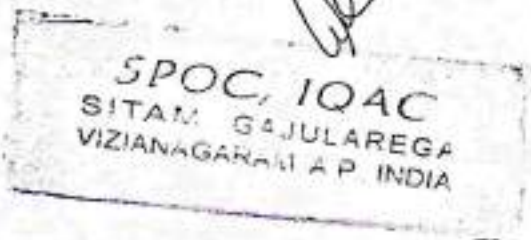


Signature of HOD

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Program: U.G			Branch: Civil Engineering		
Course :B.TECH			Subject: DDRCS		
Academic Year: 2022-23- (III Year I Semester)			Faculty Name: K GAYATRI KIRAN		
LESSON PLAN					
Course Objectives: At the end of this course the student will be able to					
<ul style="list-style-type: none">• Work on different types of design methods• Carryout analysis and design of flexural members and detailing• Design structures subjected to shear, bond and torsion• Design different type of compression members and footing					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT- I Design Methods					
1	1/2/23	Introduction – Working stress method: Elastic theory: design constants,	1	TB1, R2	Chalk and Talk
2	2/2/23	modular ratio, neutral axis depth and moment of resistance	1	TB1, R2	Chalk and Talk
3	3/2/23	Balanced sections, under reinforced, over reinforced sections	1	TB1, R2	Chalk and Talk
6	8/2/23	Design of singly reinforced beams	1	TB1, R2	Chalk and Talk
7	9/2/23	Design of doubly reinforced beams, IS Code Provisions.	1	TB1, R2	Chalk and Talk
8	10/2/23	Numerical Problems	2	TB1, R2	Tutorial
9	15/2/23	Limit State Design: Basic statistical principles	1	TB1, R2	Chalk and Talk
10	16/2/23	Characteristic strength – Characteristic loads - Partial load and safety factors	1	TB1, R1	Chalk and Talk
11	17/2/23	Stress-strain curves for HYSD bars and MS bars	1	TB1, R1	Chalk and Talk
12	22/2/23	Assumptions – stress block parameters, Moment of Resistance.	1	TB1, R1	Chalk and Talk
		TOTAL NO OF CLASSES	11		
UNIT –II Design for Flexure and Shear					
13	23/2/23	Design of singly reinforced beams-effective depth,	1	TB1, R1	Chalk and Talk
14	24/2/23	Moment of Resistance	1	TB1, R1	Chalk and Talk
15	1/3/23	Doubly reinforced and flanged (T) beams- Minimum depth	1	TB1, R1	Chalk and Talk
16	2/3/23	Minimum and Maximum Flexural Tension Reinforcement	1	TB1, R1	Chalk and Talk
17	3/3/23	Design of Flanged Sections (T & L)	1	TB1, R1	Chalk and Talk

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18	8/3/23	Effective width of flange	1	TB1, R1	Chalk and Talk
19	9/3/23	Analysis and Design Problems	1	TB1, R1	Chalk and Talk
20	10/3/23	Design for Shear and Torsion: Analysis and design of sections for shear and torsion	2	TB1, R4	Chalk and Talk
21	15/3/23	Bond, anchorage and development length, I.S. code provisions	1	TB1, R4	Chalk and Talk
22	16/3/23	Design examples in simply supported detailing	1	TB1, R4	Chalk and Talk
23	17/3/23	Design examples in continuous beams, detailing	1	TB1, R4	Chalk and Talk
24	22/3/23	Numerical Problems	2	TB1, R4	Tutorial
	22/3	TOTAL NO OF CLASSES	14		Chalk and Talk

UNIT - III Slabs and Serviceability

25	24/3/23	Classification of slabs, design of one - way slabs	1	TB1, R4	Chalk and Talk
26	29/3/23	one-way continuous slab using IS Coefficients (Conventional)	1	TB1, R4	Chalk and Talk
27	30/3/23	Design of two - way slabs	1	TB1, R4	Chalk and Talk
28	31/3/23	Design of simply supported slabs and slabs with various edge conditions using IS Coefficients	2	TB1, R4	Chalk and Talk
29	5/4/23	Design of Stair case	2	TB1, R4	Chalk and Talk
30	6/4/23	Numerical Problems	2	TB1, R4	Tutorial
31	7/4/23	Limit state of serviceability: Deflection, cracking and IS code provisions for beams	1	TB1, R4	Chalk and Talk
31	7/4/23	Limit state of serviceability: Deflection, cracking and IS code provisions for slabs	1	TB1, R4	Chalk and Talk
32	8/4/23	Numerical Problems	2	TB1, R4	Tutorial
		TOTAL NO OF CLASSES	13		

UNIT - IV Design of Compression members

33	12/4/23	Effective length, Braced and un-braced columns	2	TB1, R1	Chalk and Talk
34	13/4/23	IS Code provisions, Design of short columns under axial loads	2	TB1, R1	Chalk and Talk
35	19/4/23	Design of long columns under axial loads	2	TB1, R1	Chalk and Talk
36	19/4/23	Numerical Problems	2	TB1, R1	Tutorial
37	20/4/23	Uniaxial bending	2	TB1, R1	Chalk and Talk
38	21/4/23	Biaxial bending (demonstration using SP 16)	2	TB1, R1	Chalk and Talk
39	21/4/23	Numerical Problems	2	TB1, R1	Tutorial

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		TOTAL NO OF CLASSES	14		
UNIT -V Footing					
40	26/4/23	Types of footings	2	TB1, R4	Chalk and Talk
41	27/4/23	Design of isolated footings	2	TB1, R4	Chalk and Talk
42	28/4/23	Design of pedestal, square, rectangular subjected to axial loads	2	TB1, R4	Chalk and Talk
43	3/5/23	Design of circular footings subjected to axial loads	2	TB1, R4	Chalk and Talk
44	4/5/23	Uni-axial bending moment	2	TB1, R4	Chalk and Talk
45	5/5/23	Numerical Problems	2	TB1, R4	Tutorial
		TOTAL NO OF CLASSES	12		
		TOTAL NO OF CLASSES (ALL UNITS)	64		


Text Books:

1. Limit State Design, A. K.Jain, Nem Chand Brothers
2. Reinforced Concrete Structures, N. Krishna Raju & R. N. Pranesh, and New Age Publications.
3. Structural Design and Drawing by N.Krishna Raju, Universities Press


References:

1. R C C Design, B.C Punmia, A. K. Jain and A. K Jain. Lakshmi Publications
2. Reinforced Concrete Structures, S. Unnikrishna Pillai & Devdas Menon, Tata C.Graw Hill, New Delhi.
3. Design of Reinforced concrete Structures, N.Subrahmanian, and Oxford University Press.
4. Limit state design of reinforced concrete structures by P C Varghese, PHI Learning pvt. Ltd


Signature of the Faculty

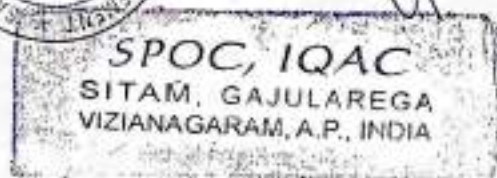

Signature of HOD
Head of the Department
Dept of Civil Engineering
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Program: U.G			Branch: Mechanical Engineering		
Course : B.TECH			Subject: DESIGN OF MACHINE MEMBERS-I		
Academic Year: 2022-23 (III Year I Sem)			Faculty Name: S.PRASANTH		
LESSON PLAN					
Course Objectives:					
1) To understand the materials and their properties along with manufacturing considerations.					
2) To gain knowledge about the strength of machine elements.					
3) To understand and apply the knowledge in designing the riveted and welded joints, keys, cotters and knuckle joints.					
4) To understand and apply the knowledge in designing the shafts and shaft couplings.					
5) To understand and apply the knowledge in designing the mechanical springs.					
S.NO	Proposed Date	Unit No. & Topics to be covered	Required No. Of Periods	Reference Text Books	Nature of Teaching
UNIT-I:- INTRODUCTION					
1		General considerations in the design	1	TB2,R3	Chalk & Talk
2		Engineering Materials and their properties	1	TB2,R3	Chalk & Talk
3		Manufacturing consideration in design	1	TB2,R3	Chalk & Talk
4		tolerances and fits –BIS codes of steels- ASHBY Charts	1	TB2,R3	Chalk & Talk
5		Simple stresses – combined stresses	1	TB2,R3	Chalk & Talk
6		Impact stresses – stress strain relation,	1	TB2,R3	Chalk & Talk
7		Various theories of failure	2	TB2,R3	Chalk & Talk
8		Factor of safety – design for strength and rigidity	1	TB2,R3	Chalk & Talk
9		Preferred numbers-concept of stiffness in tension,	1	TB2,R3	Chalk & Talk
10		Bending, torsion and combined situations	1	TB2,R3	Audio-visual
11		Static strength design based on fracture toughness.	1	TB2,R3	PPT
Total No. of Classes			12		
UNIT-II:- STRENGTH OF MACHINE ELEMENTS					
12		Stress concentration	2	TB2,R3	Audio-Visual
13		Theoretical stress concentration factor –	1	TB2,R3	Chalk & Talk
14		Fatigue stress concentration factor	1	TB2,R3	Chalk & Talk
15		Notch sensitivity,	1	TB2,R3	Chalk & Talk
16		Design for fluctuating stresses	1	TB2,R3	Chalk & Talk
17		Endurance limit – estimation of endurance strength	1	TB2,R3	Chalk & Talk
18		Goodman's line	1	TB2,R3	Chalk & Talk
19		Soderberg's line – modified Goodman's	2	TB2,R3	PPT



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	line			
Total No. of Classes		10		
UNIT-III:- RIVETED AND WELDED JOINTS				
20	Introduction of riveted joints	1	TB2,R3	Audio- Visual
21	Design of Riveted joints with initial stresses- eccentric loading.	2	TB2,R3	Chalk & Talk
22	Introduction of welding joints	1	TB2,R3	Chalk & Talk
23	Design of welding joints with initial stresses- eccentric loading.	2	TB2,R3	Chalk & Talk
24	Design of bolts with pre-stresses	1	TB2,R3	Chalk & Talk
25	Design of bolt joints under eccentric loading	1	TB2,R3	Chalk & Talk
26	locking devices - both of uniform strength, different seals	2	TB2,R3	Chalk & Talk
27	Design of keys & stresses in keys	1	TB2,R3	Chalk & Talk
28	Design of cotter joint,	1	TB2,R3	Chalk & Talk
29	Design of spigot and socket-sleeve and cotter-jib and cotter joints	1	TB2,R3	Chalk & Talk
30	Design of knuckle joints.	1	TB2,R3	PPT
Total No. of Classes		14		
UNIT-IV:- SHAFTS				
31	Introduction of shafts	1	TB2,R3	Audio-Visual
32	Design of solid and hollow shafts	1	TB2,R3	Chalk & Talk
33	Strength and rigidity of solid and hollow shafts	1	TB2,R3	Chalk & Talk
34	Design of shafts for combined bending and axial loads	1	TB2,R3	Chalk & Talk
35	Shaft sizes - BIS code	1	TB2,R3	Chalk & Talk
36	Use of internal and external circlips-gaskets and seals	2	TB2,R3	Chalk & Talk
37	Introduction of shaft coupling	1	TB2,R3	Chalk & Talk
38	Design of rigid coupling	2	TB2,R3	Chalk & Talk
39	Design of muff coupling	1	TB2,R3	Chalk & Talk
40	split muff and flange couplings	1		
41	Design of flexible couplings	2	TB2,R3	PPT
42	Design of Flange coupling	2	TB2,R3	Audio- Visual
43	Problems of couplings	1	TB2,R3	Chalk & Talk
44	Problems	1	TB2,R3	Chalk & Talk
45	Design of flange coupling (modified).	1	TB2,R3	Chalk & Talk
Total No. of Classes		19		
UNIT-V:- MECHANICAL SPRINGS				
46	Introductions of mechanical springs	2	TB2,R3	Audio- Visual
47	Stresses of helical springs	2	TB2,R3	Chalk & Talk
48	Deflections of helical springs	1	TB2,R3	Chalk & Talk
49	Extension springs	1	TB2,R3	Chalk & Talk



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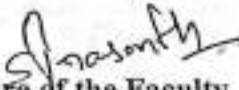
50		Compression springs	2	TB2,R3	Chalk & Talk
51		Springs for fatigue loading	1	TB2,R3	Chalk & Talk
52		Energy storage capacity	2	TB2,R3	Chalk & Talk
53		Helical torsion springs	1	TB2,R3	PPT
54		co-axial springs	2	TB2,R3	Chalk & Talk
55		Leaf springs	2	TB2,R3	PPT
Total No. of Classes			12		
Total No. of Classes for all units			72		

TEXT BOOKS:

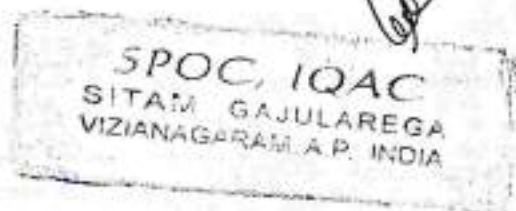
1. Machine design / NC Pandya & CS Shah/Charotar Publishing House Pvt. Limited
2. Machine Design/V.B.Bhandari/ McGraw-Hill Education

REFERENCES:

1. Design of Machine Elements / V.M. Faires/McMillan
2. Machine design / Schaum Series/McGraw-Hill Professional
3. Machine Design/ Shigley, J.E/McGraw Hill.
4. Design data handbook/ K.Mahadevan & K. Balaveera Reddy/ CBS publishers.
5. Machine Design -Norton/ Pearson publishers


Signature of the Faculty


Signature of HOD (MECH)




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Program	: U.G	Branch	: Mechanical Engineering		
Course	: B.TECH	Subject	: Finite Element Methods		
Academic Year	: 2022-23 (IV Year I Semester)	Faculty Name	: Jagadish K E		
LESSON PLAN					
Course Objectives:					
1. To learn basic principles of finite element analysis procedure					
2. To learn the theory and characteristics of finite elements that represent engineering structures					
3. To learn and apply finite element solutions to structural, thermal and dynamic problems.					
4. Learn to model complex geometry problems and solution techniques.					
S No	Proposed Date	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
Unit 1: Introduction to Finite Element Methods					
1		Introduction to finite element method	1	TB1, R2	Chalk and Talk, PPT
2		Stress and equilibrium	1	TB1, R2	Chalk and Talk
3		Strain – displacement relations	1	TB1, R2	Chalk and Talk
4		Stress– strain relations	1	TB1, R2	Chalk and Talk
5		Plane stress and plane strain conditions	1	TB1, R2	Chalk and Talk, PPT
6		Variational and weighted residual methods	1	TB1, R2	Chalk and Talk, PPT
7		Concept of potential energy	1	TB1, R2	Chalk and Talk
8		One dimensional problem's.	4	TB1, R2	Chalk and Talk, PPT
9		Discretization of domain, Element shapes	1	TB1, R2	Chalk and Talk, PPT
10		Discretization procedures, Assembly of stiffness matrix,	1	TB1, R2	Chalk and Talk, PPT
11		Band width, Node numbering	1	TB1, R2	Chalk and Talk, PPT
12		Mesh generation, Interpolation functions	1	TB1, R2	Chalk and Talk, PPT
13		Local and global coordinates, Convergence requirements	1	TB1, R2	Chalk and Talk, PPT
14		Treatment of boundary conditions.	1	TB1, R2	Chalk and Talk, PPT
Total Number of Classes			14		
Unit 2: analysis of Trusses & Beams					
15		Finite element modeling, coordinates and shape functions	1	TB1, R2	Chalk and Talk



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16		Assembly of global stiffness matrix and load vector	2	TB1, R2	Chalk and Talk
17		Finite element equations	2	TB1, R2	Chalk and Talk
18		Treatment of boundary conditions	2	TB1, R2	Chalk and Talk
19		Stress, strain and support reaction calculations.	1	TB1, R2	Chalk and Talk
20		Element stiffness matrix for hermite beam element	2	TB1, R2	Chalk and Talk
21		Derivation of load vector for concentrated and UDL	2	TB1, R2	Chalk and Talk
22		Simple problems on beams.	2	TB1, R2	Chalk and Talk
Total Number of Classes			14		

Unit 3: CST & Axis-Symmetric Elements

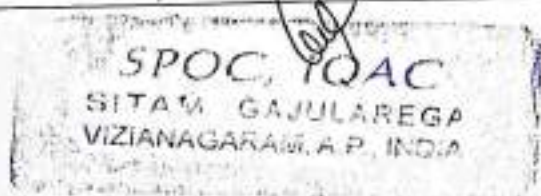
23		Finite element modeling of two dimensional stress analysis with constant strain triangles and	3	TB1, R2	Chalk and Talk
24		Treatment of boundary conditions	3	TB1, R2	Chalk and Talk
25		Formulation of axisymmetric problems.	3	TB1, R2	Chalk and Talk
Total Number of Classes			9		

Unit 4: Higher Order and Iso-parametric Elements

26		One dimensional quadratic and cubic elements in natural coordinates	3	TB1, R2	Chalk and Talk
27		Two dimensional four noded iso-parametric elements	3	TB1, R2	Chalk and Talk
28		Numerical integration.	3	TB1, R2	Chalk and Talk
Total Number of Classes			9		

Unit 5: Steady state heat transfer & Dynamic Analysis

29		One dimensional analysis of a fin	2	TB1, R2	Chalk and Talk
30		Two dimensional analysis of thin plate	2	TB1, R2	Chalk and Talk
31		Analysis of a uniform shaft subjected to torsion.	2	TB1, R2	Chalk and Talk
32		Formulation of finite element model	1	TB1, R2	Chalk and Talk
33		Element consistent and lumped mass matrices	2	TB1, R2	Chalk and Talk
34		Evaluation of eigen values and eigen vectors	2	TB1, R2	Chalk and Talk



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35	Free vibration analysis.	2	TB1, R2	Chalk and Talk
Total Number of Classes		13		
Total Number of Classes for all units		59		

Course outcomes:

Upon successful completion of this course you should be able to:

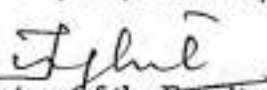
1. Understand the concepts behind variational methods and weighted residual methods in FEM
2. Identify the application and characteristics of FEA elements such as bars, beams, plane and iso-parametric elements, and 3-D element.
3. Develop element characteristic equation procedure and generate global equations.
4. Able to apply Suitable boundary conditions to global equations, and reduce it to a solvable form.
5. Able to apply the FE procedure to field problems like heat transfer.

Text Books:

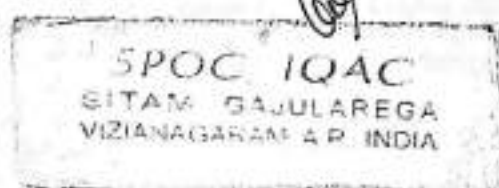
1. The Finite Element Methods in Engineering / SS Rao / Pergamon.
2. Introduction to Finite Elements in Engineering/ Tirupathi R. Chandrupatla, Ashok D. Belegundu, Pearson Publishers.

References:

1. Finite Element Method with applications in Engineering / YM Desai, Eldho & Shah /Pearson publishers
2. An introduction to Finite Element Method / JN Reddy / McGraw Hill
3. The Finite Element Method for Engineers – Kenneth H. Huebner, Donald L. Dewhirst, Douglas E. Smith and Ted G. Byrom / John Wiley & sons (ASIA) Pte Ltd


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CANCET CODE: 6248

SITAM CODE: 06

SBTET CODE: 648

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**LESSON PLAN**

Academic Year: 2022-23

Batch: 2019-23

Course Code: R20

Name of the Subject: DIGITAL SIGNAL PROCESSING

Name of the Faculty: V.N.Sireesha

Year-Semester-Branch: III-II-ECE

Text Books

- 1) Digital Signal Processing, Principles, Algorithms and Applications; John G. Proakis, Dimitris G. Manolakis, Pearson Education/PHI, 2007
- 2) Discrete Time Signal Processing - A.V. Oppenheim and T.R.W. Scaffer, PHI

REFERENCES:

- 1) Digital Signal Processing: Andreas Antoniou, Tata McGraw Hill, 2006
- 2) DSP Primer - C. Britton Rorabaugh, Tata McGraw Hill, 2005; M.H. Hayes, Schaum's Outlines, TATA McGraw Hill, 2007.
- 3) Digital Signal Processors - Architecture, Programming and Applications, B. Venkataramani, Bhaskar, TATA McGraw Hill, 2002.

UNIT No & Name	Name of the Topic	No of classes Required	Text Book/Reference	Mode of Teaching
UNIT-I INTRODUCTION	Introduction to Digital Signal Processing	1	T1 & R1	PPT
	Discrete time signals & sequences	2	T1 & R1	Chalk & Talk
	Classification of Discrete time systems, stability of LTI systems, Invertibility	2	T1 & R1	Chalk & Talk
	Response of LTI systems to arbitrary inputs, Solution of Linear constant coefficient difference equations	2	T1 & R1	Chalk & Talk
	Frequency domain representation of discrete time signals and systems	1	T1 & R1	Chalk & Talk
	Review of Z-transforms, solution of difference equations using Z-transforms, System function.	4	T1 & R1	Chalk & Talk
Total classes to complete UNIT-I		12		
UNIT-II DISCRETE FOURIER SERIES & FOURIER TRANSFORMS	Properties of discrete Fourier series	2	T2 & R2	Chalk & Talk
	DPS representation of periodic sequences	1	T2 & R2	Chalk & Talk
	Discrete Fourier transform: Properties of DFT	2	T2 & R2	Chalk & Talk
	Linear filtering methods based on DFT	2	T2 & R2	Chalk & Talk
	Fast Fourier transforms (FFT) - Radix-2 decimation in time FFT Algorithm	2	T2 & R2	Chalk & Talk
	Radix-2 decimation in frequency FFT Algorithm, Inverse FFT	4	T2 & R2	Chalk & Talk
Total classes to complete UNIT-II		13		



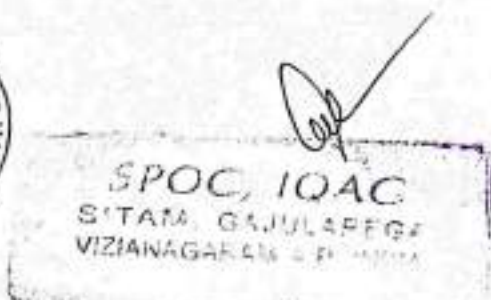
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UNIT-III DESIGN OF IIR DIGITAL FILTERS & REALIZATIONS	Analog filter approximations – Butter worth and Chebyshev	3	T2 & R1	Chalk & Talk
	Design of IIR Digital filters from analog filters	3	T2 & R1	Chalk & Talk
	Design Examples	2	T2 & R1	Chalk & Talk
	Analog and Digital frequency transformations	2	T2 & R1	Chalk & Talk
	Basic structures of IIR systems, Transposed forms	3	T2 & R1	Chalk & Talk
Total classes to complete UNIT-III		13		
UNIT-IV DESIGN OF FIR DIGITAL FILTERS & REALIZATIONS	Characteristics of FIR Digital Filters, frequency response	3	T1 & R2	Chalk & Talk
	Design of FIR Digital Filters using Window Techniques	3	T1 & R2	Chalk & Talk
	Design of FIR Digital Filters using Frequency Sampling technique,	2	T1 & R2	Chalk & Talk
	Comparison of IIR & FIR filters	2	T1 & R2	Chalk & Talk
	Basic structures of FIR systems, Lattice structures, Lattice-ladder structures	3	T1 & R2	Chalk & Talk
Total classes to complete UNIT-IV		13		
UNIT-V INTRODUCTION TO DSP PROCESSORS	Introduction to programmable DSPs	2	T1 & R3	Chalk & Talk
	Multiplier and Multiplier Accumulator (MAC)	1	T1 & R3	Chalk & Talk
	Modified Bus Structures and Memory Access schemes in DSPs	1	T1 & R3	Chalk & Talk
	Multiple access memory ,Multiport memory	2	T1 & R3	Chalk & Talk
	VLSI architecture, Pipelining	2	T1 & R3	Chalk & Talk
	Special addressing modes ,On-Chip Peripherals	2	T1 & R3	Chalk & Talk
	Architecture of TMS 320C5X, Bus Structure, Central ALU, Auxiliary Register ALU	2	T1 & R3	Chalk & Talk
	Parallel Logic Unit, Memory mapped registers, Program controller, On-chip registers, On-chip peripherals.	2	T1 & R3	Chalk & Talk
Total classes to complete UNIT-V		14		
Total classes to complete DSP all Units		65		

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LESSON PLAN

Name of the Subject: ANALOG COMMUNICATIONS

Name of Faculty: V. SIRISHA

Year-Semester-Branch: III-EECE

Text Books:

1. Principles of Communication Systems-HTeub&D Schilling, GautamSahe, TMH, 3rd Edition, 2007.
2. Principles of Communication Systems-Simon Haykin, John Wiley, 2nd Edition, 2007.
3. Modern Digital and Analog Communication Systems -B.P.Lathi, Zhi Ding, Hari Mohan Gupta, Oxford University Press, 4th Edition, 2017

REFERENCES:

1. Electronics & Communication System- George Kennedyand Bernard Davis, TMH 2004.
2. Communication Systems-R.P. Singh, SP Sapre, Second Edition TMH, 2007.
3. Electronic Communication systems-Tomasi, Pearson, fourth Edition, 2007.

1.

UNIT No & Name	Name of the Topic	No of classes Required	Date(s)	Text Book-Reference	Comments
UNIT-I- AMPLITUDE MODULATION	Introduction To Communication System	1	7-3-2022 to 19-3-2022	T1 & R3	Chalk & Talk
	Need For Modulation	1		T1 & R3	Chalk & Talk
	Frequency Division Multiplexing	1		T1 & R3	Chalk & Talk
	Amplitude Modulation, Definition	1		T1 & R3	Chalk & Talk
	Time Domain And Frequency Domain Description	1		T1 & R3	Chalk & Talk
	Single Tone Modulation, Power Relations In AM Waves	1		T1 & R3	Chalk & Talk
	Generation Of AM Waves	1		T1 & R3	Chalk & Talk
	Square Law Modulator	1		T1 & R3	Chalk & Talk
	Switching Modulator	1		T1 & R3	Chalk & Talk
	Detection Of AM Waves	1		T1 & R3	Chalk & Talk
	Square Law Detector	1		T1 & R3	Chalk & Talk
	Envelope Detector	1		T1 & R3	Chalk & Talk
		12			
UNIT-II- DSB & SSB MODULATION	Double side band suppressed carrier modulation	1	21-3-2022 to 9-4-2022	T1 & R3	Chalk & Talk
	Time domain and frequency domain description	1		T1 & R3	Chalk & Talk
	Generation of DSBSC Waves, Balanced Modulators	1		T1 & R3	Chalk & Talk
	Ring Modulator	1		T1 & R3	Chalk & Talk
	Coherent detection of DSB-SC Modulated waves, COSTAS Loop	1		T1 & R3	Chalk & Talk
	Frequency domain description, Frequency discrimination method for generation of AM SSB Modulated Wave	1		T1 & R3	Chalk & Talk
	Time domain description	1		T1 & R3	Chalk & Talk
	Phase discrimination method for generating AM SSB Modulated waves	1		T1 & R3	Chalk & Talk
	Demodulation of SSB Waves	1		T1 & R3	Chalk & Talk
	Vestigial side band modulation	1		T1 & R3	Chalk & Talk
	Time domain description, Frequency description	1		T1 & R3	Chalk & Talk
	Generation of VSB Modulated wave, Envelope detection of a VSB Wave pulse Carrier	2		T1 & R3	Chalk & Talk
	Comparison of AM techniques, Applications of different AM Systems	1		T1 & R3	Chalk & Talk
		1		T1 & R3	Chalk & Talk
		15			



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UNIT-III ANGLE MODULATION	Basic concepts, Frequency Modulation	1	11-4-2022 to 23-4-2022	T1 & R3	Chalk & Talk
	Single tone frequency modulation, Spectrum Analysis of Sinusoidal FM Wave	1		T1 & R3	Chalk & Talk
	Narrow band FM, Wide band FM	1		T1 & R3	Chalk & Talk
	Constant Average Power	1		T1 & R3	Chalk & Talk
	Transmission bandwidth of FM Wave	1		T1 & R3	Chalk & Talk
	Generation of FM Waves	1		T1 & R3	Chalk & Talk
	Detection of FM Waves	1		T1 & R3	Chalk & Talk
	Balanced Frequency discriminator	1		T1 & R3	Chalk & Talk
	Zero crossing detector, Comparison of FM & AM	1		T1 & R3	Chalk & Talk
	Phase locked loop	1		T1 & R3	Chalk & Talk
		10			
UNIT-IV- TRANSMITTERS & RECEIVERS	Radio Transmitter, Classification of Transmitter	2	2-5-2022 to 21-5-2022	T1 & R3	Chalk & Talk
	AM Transmitter	1		T1 & R3	Chalk & Talk
	Effect of feedback on performance of AM Transmitter	1		T1 & R3	Chalk & Talk
	FM Transmitter	1		T1 & R3	Chalk & Talk
	Variable reactance type and phase modulated FM Transmitter	1		T1 & R3	Chalk & Talk
	Frequency stability in FM Transmitter	1		T1 & R3	Chalk & Talk
	Radio Receiver, Receiver Types, Tuned radio frequency receiver	1		T1 & R3	Chalk & Talk
	Super heterodyne receiver, RF section and Characteristics	1		T1 & R3	Chalk & Talk
	Frequency changing and tracking, Intermediate frequency, AGC	1		T1 & R3	Chalk & Talk
	FM Receiver, Comparison with AM Receiver, Amplitude limiting	2		T1 & R3	Chalk & Talk
	Communication Receivers	1		T1 & R3	Chalk & Talk
	Extensions of super heterodyne principle and additional circuits	2			
		15		T1 & R3	Chalk & Talk
UNIT-V-NOISE & PULSE MODULATION	Review of noise and noise sources, noise figure	1	23-5-2022 to 4-6-2022	T1 & R3	Chalk & Talk
	Noise in Analog communication System	2		T1 & R3	Chalk & Talk
	Noise in DSB& SSB System	2		T1 & R3	Chalk & Talk
	Noise in AM System	1		T1 & R3	Chalk & Talk
	Noise in Angle Modulation System	1		T1 & R3	Chalk & Talk
	Threshold effect in Angle Modulation System	1		T1 & R3	Chalk & Talk
	Pre-emphasis & de-emphasis	1		T1 & R3	Chalk & Talk
	Types of Pulse modulation	1		T1 & R3	Chalk & Talk
	PAM (Single polarity, double polarity)	1		T1 & R3	Chalk & Talk
	PWM: Generation & demodulation of PWM	1		T1 & R3	Chalk & Talk
	PPM, Generation and demodulation of PPM,	1		T1 & R3	Chalk & Talk
	Time Division Multiplexing	1		T1 & R3	Chalk & Talk
	TDM Vs FDM	1		T1 & R3	Chalk & Talk
		15			
	Total Classes	67			

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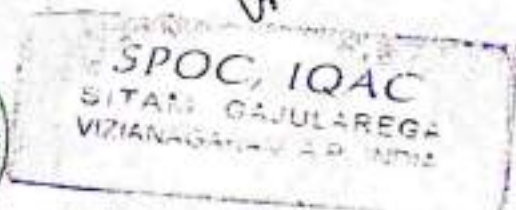
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18	UNIT-III EMBEDDED FIRMWARE DESIGN	Embedded Firmware design approaches	1	CHALK & TALK	T1,R1	
19		Embedded Firmware development languages	1	CHALK & TALK	T1,R2	
20		ISR concept, Interrupt sources	2	PRESENTATION	T1,T2,R2	
21		Interrupt servicing mechanism	1	CHALK & TALK	T1,R1,R2	
22		Multiple interrupts	1	CHALK & TALK	T1,T2,R2	
23		Concepts of DMA, DMA Controller	1	PRESENTATION	T1,R1	
24		Device driver programming	2	CHALK & TALK	T1,R2	
25		Concepts of C versus Embedded C and Compiler versus Cross-compiler	2	PRESENTATION	T1,R1	
		Total Classes required to complete UNIT-III	11			
26	UNIT-IV REAL TIME OPERATING SYSTEM	Operating system basics, Types of operating systems	1	CHALK & TALK	T1,R2	
27		Tasks and Multitasking	1	CHALK & TALK	T2,R2	
28		Process and Threads, Multiprocessing	1	CHALK & TALK	T1,R1	
29		Threads, Processes and Scheduling, Task Scheduling	2	CHALK & TALK	T1,R1,R2	
30		Communication, Synchronization, Device Drivers	1	CHALK & TALK	T1,R1	
31		How to choose an RTOS	1	CHALK & TALK	T1,R1,R2	
32		Hardware Software Co-Design: Fundamental Issues in Hardware Software Co-Design	1	CHALK & TALK	T2,R2	
33		Computational models in embedded design	1	CHALK & TALK	T1,R1,R2	
34		Hardware software Trade-offs	1	CHALK & TALK	T1,R1	
35		Integration of Hardware and Firmware, Concept of ICE	2	CHALK & TALK	T1,R1,R2	
		Total Classes required to complete UNIT-IV	12			
36	UNIT-V EMBEDDED SYSTEM DEVELOPMENT IMPLEMENTATION AND TESTING	The integrated development environment	1	CHALK & TALK	T1,R1	
37		Types of files generated on cross-compilation	1	CHALK & TALK	T2,R2	
38		Disassembler/Decompiler	1	CHALK & TALK	T1,T2,R1	
39		Simulators, Emulators and Debugging	1	CHALK & TALK	T1,R1	
40		Target hardware debugging	1	CHALK & TALK	T1,R2	
41		Embedded Software development process and tools	1	CHALK & TALK	T2,R2	
42		Interpreters, Compilers and Linkers	1	CHALK & TALK	T1,R1,R2	
43		Debugging tools	1	CHALK & TALK	T1,R2	
44		Quality assurance and testing of the design	1	CHALK & TALK	T1,T2,R2	
45		Testing on host machine	1	CHALK & TALK	T1,R1	
46		Total Classes required to complete UNIT-V	12			
47		Total Classes required to complete all UNITS	55			


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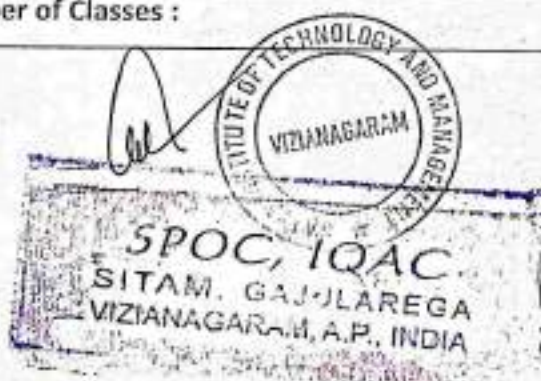


Program: U.G		Branch: Computer Science & Engineering		
Course : B.TECH		Subject: Computer Organization		
Academic Year:2022-23 (I Year II Semester)		Faculty Name: I.Gayathri		
LESSON PLAN				
Course Objectives:				
<ul style="list-style-type: none">To instruct the concept of matrices in solving linear algebraic equationsTo elucidate the different numerical methods to solve non-linear algebraic equationsTo disseminate the use of different numerical techniques for carrying out numerical integrationTo equip the students with standard concepts and tools at an intermediate to advanced level mathematics to develop the confidence and ability among the students to handle various real world problems and their applications				
S. No	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
Unit 1				
1	Introduction ,Numbering Systems	1	TB1, R2	Chalk and Talk, PPT
2	Decimal to Binary Conversion, Binary Coded Decimal Numbers	2	TB1, R2	Chalk and Talk, PPT
3	Weighted Codes, Self- Complementing Codes,	1	TB1, R2	Chalk and Talk, PPT
4	Cyclic Codes, Error Detecting Codes,	1	TB1, R2	Chalk and Talk, PPT
5	Error Correcting Codes, Hamming Code for Error Correction,Alphanumeric Codes, ASCII Code Two- level realizations using gates : AND-OR, OR-AND, NAND-NAND and NOR-NOR structures	2	TB1, R2	Chalk and Talk, PPT
6	Data Representation: Data types, Complements, Fixed Point Representation, Floating Point Representation.	1	TB1, R2	Chalk and Talk, PPT
7	Boolean Algebra and Logical gates: Boolean Algebra :Theorems and properties, Boolean functions, canonical and standard forms	2	TB1, R2	Chalk and Talk, PPT



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8	Minimization of Boolean functions using algebraic identities; Karnaugh map representation and minimization using two and three variable Maps; Logical gates ,universal gates	2	TB1, R2	Chalk and Talk, PPT
Total Number of Classes :		12		
Unit 2				
9	Digital logic circuits: Combinatorial Circuits: Introduction, Combinatorial Circuit Design Procedure	1	TB1, R2	Chalk and Talk, PPT
10	Implementation using universal gates	2	TB1, R2	Chalk and Talk, PPT
11	Multi-bit adder	2	TB1, R2	Chalk and Talk, PPT
12	Multiplexers, De- multiplexers, Decoders	1	TB1, R2	Chalk and Talk, PPT
13	Sequential Switching Circuits: Latches and Flip-Flops	2	TB1, R2	Chalk and Talk, PPT
14	Ripple counters using T flip-flops; Ring counters	2	TB1, R2	Chalk and Talk, PPT
15	Synchronous counters: Shift Registers	1	TB1, R2	Chalk and Talk, PPT
Total Number of Classes :		11		
UNIT 3				
16	Computer Arithmetic: Addition and subtraction	2	TB1, R2	Chalk and Talk, PPT
17	Multiplication Algorithms, Memory Reference Instructions, Input-Output configuration and program Interrupt.	1	TB1, R2	Chalk and Talk, PPT
18	Booth multiplication algorithm	2	TB1, R2	Chalk and Talk, PPT
19	Division Algorithms	2	TB1, R2	Chalk and Talk, PPT
20	Floating – point Arithmetic operations. Basic Computer Organization and Design: Stored program concept, computer Registers, common bus system,	1	TB1, R2	Chalk and Talk, PPT
21	Register Transfer language and microinstructions : Bus memory transfer, arithmetic and logical micro-operations	2	TB1, R2	Chalk and Talk, PPT
22	Shift and rotate micro-operations	2	TB1, R2	Chalk and Talk, PPT
23	Computer instructions, Timing and Control, Instruction cycle,	1	TB1, R2	Chalk and Talk, PPT
Total Number of Classes :		13		



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Unit 4				
24	Microprogrammed Control: Control memory, Address sequencing	1	TB1, R2	Chalk and Talk, PPT
25	Microprogram example,	1	TB1, R2	Chalk and Talk, PPT
26	Design of control unit	1	TB1, R2	Chalk and Talk, PPT
27	Central Processing Unit: General Register Organization	1	TB1, R2	Chalk and Talk, PPT
28	Instruction Formats	1	TB1, R2	Chalk and Talk, PPT
29	Data Transfer and Manipulation	2	TB1, R2	Chalk and Talk, PPT
30	Addressing modes	2	TB1, R2	Chalk and Talk, PPT
31	Program Control: conditional Flags and Branching	1	TB1, R2	Chalk and Talk, PPT
32	Data Transfer and Manipulation, Program Control: conditional Flags and Branching	2	TB1, R2	Chalk and Talk, PPT
Total Number of Classes :		12		
Unit 5				
33	Memory Organization: Memory Hierarchy	2	TB1, R2	Chalk and Talk, PPT
34	Main Memory	1	TB1, R2	Chalk and Talk, PPT
35	Auxiliary memory,	2	TB1, R2	Chalk and Talk, PPT
36	Associate Memory, Cache Memory	2	TB1, R2	Chalk and Talk, PPT
37	Input-Output Organization: Input-Output Interface	1	TB1, R2	Chalk and Talk, PPT
38	Asynchronous data transfer,	2	TB1, R2	Chalk and Talk, PPT
39	Modes of Transfer	2	TB1, R2	Chalk and Talk, PPT
40	Priority Interrupt Direct memory Access.	1	TB1, R2	Chalk and Talk, PPT
41	Revision	2		
42	Revision	2		
Total Number of Classes :		17		
Total Number of Classes for all units :		65		



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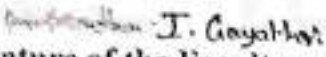
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Text Books:

- Digital Logic and Computer Design, Morris Mano, 11th Edition, Pearson Education.
- Computer System Architecture, 3 Edition, M. Morris Mano, PHI

Reference Books:

- Digital Logic and Computer Organization, Rajaraman, Radhakrishnan, PHI, 2006
- Computer Organization, 5 Edition. Hamacher, Vranesic and Zaky, TMH, 2002


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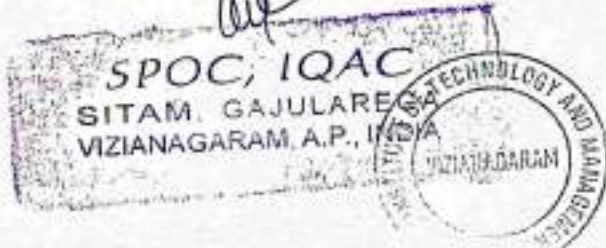
Program	:U.G	Branch	: Computer Science & Engineering
Course	:B.TECH	Subject	: Data Warehousing & Data Mining
Academic Year	:2022-23 (II Year II Semester)	Faculty Name	: M.Madhu Babu

LESSON PLAN

Course Objectives:

- To understand and implement classical models and algorithms in data warehousing and data mining.
- To analyze the data, identify the problems, and choose the relevant models and algorithms to apply.
- To assess the strengths and weaknesses of various methods and algorithms and to analyze their behavior.

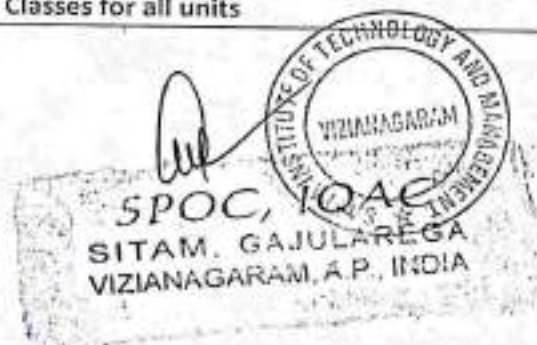
S. No	Unit No. & Topics to be covered	Required No. of Periods	Reference Text Books	Nature of Teaching
UNIT I: Data Warehouse and OLAP Technology				
1	An Overview of DW	2	TB2, R4	Chalk and Talk, PPT
2	Phases of OR study, Operation research models	1	TB2, R4	Chalk and Talk, PPT
3	A Multidimensional Data Model	2	TB2, R4	Chalk and Talk, PPT
4	Data Warehouse Architecture	1	TB2, R4	Chalk and Talk, PPT
5	Data Warehouse Implementation	2	TB2, R4	Chalk and Talk, PPT
6	From Data Warehousing to Data Mining	1	TB2, R4	Chalk and Talk, PPT
7	Data Warehouse Advantages	2	TB2, R4	Chalk and Talk, PPT
8	Data Warehouse Characteristics	1	TB2, R4	Chalk and Talk, PPT
9	Data Warehouse Functionalities	2	TB2, R4	Chalk and Talk, PPT
10	Data Warehouse Implementation	1	TB2, R4	Chalk and Talk, PPT
11	Data Model overview	2	TB1, R4	Chalk and Talk, PPT
12	Data Model Applications	1	TB1, R4	Chalk and Talk, PPT
Total Number of Classes		18		
Unit 2: Introduction to Data Mining				
13	Introduction	2	TB2, R3	Chalk and Talk, PPT
14	Data Mining, Motivating challenges	1	TB2, R3	Chalk and Talk, PPT
15	Data Mining Advantages	2	TB2, R3	Chalk and Talk, PPT
16	The origins of Data Mining	1	TB2, R3	Chalk and Talk, PPT
17	Data Mining Tasks	2	TB2, R3	Chalk and Talk, PPT
18	Types of Data, Data Quality	1	TB2, R3	Chalk and Talk, PPT
19	Data Pre processing: Aggregation	2	TB2, R3	Chalk and Talk, PPT
20	Sampling, Dimensionality Reduction	1	TB2, R3	Chalk and Talk, PPT
21	Feature Subset Selection, Feature creation	2	TB2, R3	Chalk and Talk, PPT
23	Discretization and Binarization, Variable Transformation, Measures of Similarity and Dissimilarity. (Tan & Vipin)	2	TB2, R3	Chalk and Talk, PPT
Total Number of Classes		16		



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Unit 3: Data Mining Classification				
23	Basic Concepts	1	TB2, R7	Chalk and Talk, PPT
24	Approach to solve a classification problem	1	TB2, R7	Chalk and Talk, PPT
25	Working of Decision Tree	2	TB2, R7	Chalk and Talk, PPT
26	Building a decision tree, methods for expressing an attribute test conditions	2	TB2, R7	Chalk and Talk, PPT
27	Measures for selecting the best split, Algorithm for decision tree induction	2	TB2, R7	Chalk and Talk, PPT
28	Model Overfitting: Due to presence of noise	1	TB2, R7	Chalk and Talk, PPT
29	Due to lack of representation samples	2	TB2, R7	Chalk and Talk, PPT
30	Evaluating the performance of classifier: holdout method	1	TB2, R7	Chalk and Talk, PPT
31	Random sub sampling	2	TB2, R7	Chalk and Talk, PPT
32	Bayes Theorem, Naïve Bayes Classifier	2	TB2, R7	Chalk and Talk, PPT
Total Number of Classes		16		
Unit 4: Association Analysis				
33	Basic Concepts and Algorithms	2	TB2, R4	Chalk and Talk, PPT
34	Problem Definition	1	TB2, R4	Chalk and Talk, PPT
35	Frequent Item Set Generation	2	TB2, R4	Chalk and Talk, PPT
36	Frequent Item Set Generation Applications	1	TB2, R4	Chalk and Talk, PPT
37	Apriori Principle	2	TB2, R4	Chalk and Talk, PPT
38	Apriori Algorithm	1	TB2, R4	Chalk and Talk, PPT
39	Rule Generation	2	TB2, R4	Chalk and Talk, PPT
40	Compact Representation of Frequent Itemsets	1	TB2, R4	Chalk and Talk, PPT
41	FPGrowth Algorithm	2	TB2, R4	Chalk and Talk, PPT
42	Apriori Algorithm Problems	1	TB2, R4	Chalk and Talk, PPT
43	Apriori Principle Problems	2	TB2, R4	Chalk and Talk, PPT
44	Problems on Rule Generation	1	TB2, R4	Chalk and Talk, PPT
45	FPGrowth Algorithm Applications	2	TB2, R4	Chalk and Talk, PPT
Total Number of Classes		13		
Unit 5: Cluster Analysis				
46	Basic Concepts and Algorithms: Overview,	1	TB1, R4, R3	Chalk and Talk, PPT
47	Cluster Analysis, Different Types of Clustering	2	TB1, R4, R3	Chalk and Talk, PPT
48	K-means: The Basic K-means Algorithm	1	TB1, R4, R3	Chalk and Talk, PPT
49	K-means Strengths and Weaknesses	1	TB1, R4, R3	Chalk and Talk, PPT
50	Bisecting K-means,	1	TB1, R4, R3	Chalk and Talk, PPT
51	Agglomerative Hierarchical Clustering	1	TB2, R4, R3	Chalk and Talk, PPT
52	Clustering Algorithm DBSCAN	2	TB2, R4, R3	Chalk and Talk, PPT
53	Traditional Density Center-Based Approach	1	TB2, R4, R3	Chalk and Talk, PPT
54	DBSCAN Algorithm	1	TB2, R4, R3	Chalk and Talk, PPT
55	K-Mean Strengths and Weaknesses	1	TB2, R4, R3	Chalk and Talk, PPT
56	Problems on DBSCAN Algorithm	1	TB2, R4, R3	Chalk and Talk, PPT
Total Number of Classes		12		
Total Number of Classes for all units		75		



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Text Books:

1. Introduction to Data Mining : Pang-Ning Tan & Michael Steinbach, Vipin Kumar, Fifth Impression, Pearson, 2015.
2. Data Mining concepts and Techniques, 3rd Edition, Jiawei Han, Michel Kamber, Elsevier, 2011

References:

1. Data Mining Techniques and Applications: An Introduction, Hongbo Du, Cengage Learning, 2010
2. Data Mining : Introductory and Advanced topics : Dunham, First Edition, Pearson, 2020
3. Data Warehousing Data Mining & OLAP, Alex Berson, Stephen Smith, TMH, 2008
4. Data Mining Techniques, Arun K Pujari, Universities Press, 2001

H. Murthy Babu
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Program: UG	Branch: Computer Science & Engineering (AI&DS)
Course : B.TECH.	Subject: Operating Systems
Academic Year: 2022-23 (III YEAR I SEM)	Faculty Name: G Sridhar

LESSON PLAN

Course Objectives:-

- Introduce to the internal operation of modern operating systems x
- Define, explain, processes and threads, mutual exclusion, CPU scheduling, deadlock, memory management, and file systems x
- Understand File Systems in Operating System like UNIX/Linux and Windows x
- Understand Input Output Management and use of Device Driver and Secondary Storage (Disk) Mechanism x
- Analyze Security and Protection Mechanism in Operating System

S.NO	UNIT NO & TOPIC TO BE COVERED	REQUIRED NO. OF PERIODS	REFERENCE TEXT BOOK	NATURE OF TEACHING
UNIT-I				
1	Operating system functions, Operating system structure,	1	TB2,	chalk & talk
2	Operating systems operations	1	TB2,	chalk & talk
3	Computing environments	1	TB2,	chalk & talk
4	Open-Source Operating Systems	1	TB2,	chalk & talk
5	System Structures: Operating System Service	1	TB2,	chalk & talk
6	User and Operating-System Interface,	1	TB2,	chalk & talk
7	Systems calls	1	TB2,	chalk & talk
8	Types of System Calls	1	TB2,	chalk & talk
9	System program	1	TB2,	chalk & talk
10	Operating system structure	1	TB2,	chalk & talk
11	Operating system debugging	1	TB2,	chalk & talk
12	System Boot.	1	TB2,	chalk & talk
Total no. of classes		12		

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UNIT-II

13	Process Concept: Process scheduling	1	TB2,	chalk & talk
14	Operations on processes	1	TB2,	chalk & talk
15	Inter-process communication,	1	TB2,	chalk & talk
16	Communication in client server systems	1	TB2,	chalk & talk
17	Multithreading models	1	TB2,	chalk & talk
18	Thread libraries, Threading issues.	1	TB2,	chalk & talk
19	Basic concepts, Scheduling criteria	1	TB2,	chalk & talk
20	Scheduling algorithms	1	TB2,	chalk & talk n
21	Multiple processor scheduling	1	TB2,	chalk & talk
22	Thread scheduling.	1	TB2,	chalk & talk
23	Inter-process Communication: Race conditions	1	TB2,	chalk & talk
24	Critical Regions, Mutual exclusion with busy waiting	1	TB2,	chalk & talk
25	Sleep and wakeup,	1	TB2,	chalk & talk
26	Semaphores,	1	TB2,	chalk & talk
27	Mutexes,	1	TB2,	chalk & talk
28	Monitors	1	TB2,	chalk & talk
29	Message passing, Barriers	1	TB2,	chalk & talk
30	Classical IPC Problems - Dining philosophers problem	1	TB2,	chalk & talk
31	Readers and writers problem.	1	TB2,	chalk & talk
Total no. of classes		19		

UNIT-III

32	Memory-Management Strategies: Introduction	1	TB2,	chalk & talk
33	Swapping	1	TB2,	chalk & talk
34	Contiguous memory allocation	1	TB2,	chalk & talk
35	Paging	1	TB2,	chalk & talk
36	Segmentation.	1	TB2,	chalk & talk
37	Virtual Memory Management	1	TB2,	chalk & talk
38	Introduction, Demand paging	1	TB2,	chalk & talk
39	Copy on-write, Page replacement,	1	TB2,	chalk & talk
40	Frame allocation	1	TB2,	chalk & talk
41	Thrashing, Memory-mapped files	1	TB2,	chalk & talk
42	Kernel memory allocation.	1	TB2,	chalk & talk
Total no. of classes		11		

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UNIT-IV

43	Deadlocks: Resources	1	TB2,	chalk & talk
44	Conditions for resource deadlocks	1	TB2,	chalk & talk
45	Ostrich algorithm	1	TB2,	chalk & talk
46	Deadlock detection and recovery	1	TB2,	chalk & talk
47	Deadlock detection and recovery	1	TB2,	chalk & talk
48	Deadlock avoidance	1	TB2,	chalk & talk
49	Deadlock prevention.	1	TB2,	chalk & talk
50	File Systems: Files	1	TB2,	chalk & talk
51	Directories, File system implementation	1	TB2,	chalk & talk
52	Management and optimization	1	TB1,R1	chalk & talk
53	Secondary-Storage Structure: Overview of disk structure	1	TB1,R1	chalk & talk
54	Disk scheduling	1	TB1,R1	chalk & talk
55	RAID structure	1	TB1,R1	chalk & talk
56	Stable storage implementation.	1	TB1,R1	chalk & talk
Total no. of classes		14		

UNIT-V

57	System Protection: Goals of protection	1	TB1,R1	chalk & talk
58	Principles and domain of protection	1	TB1,R1	chalk & talk
59	Access matrix, Access control	1	TB1,R1	chalk & talk
60	Revocation of access rights.	1	TB1,R1	chalk & talk
61	System Security: Introduction	1	TB1,R1	chalk & talk
62	Program threats, System and network threats	1	TB1,R1	chalk & talk
63	Cryptography for security	1	TB1,R1	chalk & talk
64	User authentication, Implementing security defenses	2	TB1,R1	chalk & talk
65	Firewalling to protect systems and networks	1	TB1,R1	chalk & talk
66	Computer security classification	1	TB1,R1	chalk & talk
67	Case Studies: Linux.	1	TB1,R1	chalk & talk
68	Microsoft Windows	2	TB1,R1	chalk & talk
Total no. of classes		16		
Total no. of classes (for all units)		72		

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Text Books:

- 1) Silberschatz A, Galvin P B, and Gagne G, Operating System Concepts, 9th edition, Wiley, 2013.
- 2) Tanenbaum A S, Modern Operating Systems, 3rd edition, Pearson Education, 2008. (for Inter Process Communication and File Systems.)


Reference Books:

- 1) Dhamdhere D M, Operating Systems A Concept Based Approach, 3rd edition, Tata McGraw-Hill, 2012.
- 2) Stallings W, Operating Systems -Internals and Design Principles, 6th edition, Pearson Education, 2009
- 3) Nutt G, Operating Systems, 3rd edition, Pearson Education, 2004. 2. Machine Learning, Tom M. Mitchell, MGH

G. Sridhar .
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Program: U.G	Branch: Computer Science & Engineering (AI&DS)
Course: B.TECH	Subject: Compiler Design
Academic Year: 2022-23 (III Year I Sem)	Faculty Name: R.Swetha

LESSON PLAN

Course Objectives:

- Understand the basic concept of compiler design and its different phases which will be helpful to construct new tools like LEX, YACC, etc.

S.NO	Unit No. & Topics to be covered	Required No. Of Periods	Reference Text Books	Nature of Teaching
UNIT-I: Introduction to Language Processing, Structure of a Compiler				
1	Introduction Language Processing	1	TB1,R2	Chalk & Talk
2	Structure of a compiler	1	TB1,R2	Chalk & Talk
3	Bootstrapping	1	TB1, R2	Chalk & Talk
4	Input buffering	1	TB1, R2	Chalk & Talk
5	Lexical analyzer Generator	1	TB1, R2	Chalk & Talk
6	Specification of tokens.	1	TB1, R2	Chalk & Talk
7	Recognitions of tokens the lexical analyzer generator lexical	1	TB1, R2	Chalk & Talk
8	Finite Automata, Regular Expressions	1	TB1, R2	Chalk & Talk
9	Design of a Lexical Analyzer Generator.	1	TB1, R2	Chalk & Talk
10	Revision	1		
11	Test	1		
Total No. of Classes		11		
UNIT-II: Syntax Analysis				
12	Syntax Analysis -: The Role of a Parser	1	TB1, R2	Chalk & Talk
13	Context-free Grammar Writing A grammar	1	TB1, R2	Chalk & Talk
14	Left most Derivation and rightmost derivation	1	TB1, R2	Chalk & Talk
15	Pre-Processing Steps of Top-Down Parsing.	1	TB1, R2	Chalk & Talk
16	Recursive Descent Parsing.	1	TB1, R2	Chalk & Talk

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17	Parse trees, Ambiguity of grammar	1	TB1, R2	Chalk & Talk
18	Top-down parsing	1	TB1, R2	Chalk & Talk
19	Left recursion, Left factoring	1	TB1, R2	Chalk & Talk
20	Backtracking,	1	TB1, R2	Chalk & Talk
21	LL (1) grammar	1	TB1, R2	Chalk & Talk
22	Predictive parsing	2	TB1, R2	Chalk & Talk
23	Error Recovery in LL Parser	1	TB1, R2	Chalk & Talk
24	Revision	1		
25	Test	1		
Total No. of Classes		15		
UNIT-III: Bottom-Up Parsing & Syntax-Directed Translation				
26	Difference between LL and LR parsers	1	TB1, R2	Chalk & Talk
27	Bottom-up parsing	1	TB1, R2	Chalk & Talk
28	Shift Reduce Parser	1	TB1, R2	Chalk & Talk
29	SLR Parser	2	TB1, R2	Chalk & Talk
30	CLR Parser	1	TB1, R2	Chalk & Talk
31	LALR Parser	1	TB1, R2	Chalk & Talk
32	Dangling Else Ambiguity	1	TB1, R2	Chalk & Talk
33	Error Recovery in LR Parsing	1	TB1, R2	Chalk & Talk
34	Revision	1		
35	Test	1		
36	SDD, Evaluation Order of SDD	2	TB1, R2	Chalk & Talk
37	SDT Schemes	1	TB1, R2	Chalk & Talk
38	SDT EXAMPLE 1	1	TB1, R2	Chalk & Talk
39	SDT EXAMPLE 2	1	TB1, R2	Chalk & Talk
40	Applications of Syntax-Directed Translation	1	TB1, R2	Chalk & Talk

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41	Implementing L-attributed SDDs	1	TB1, R2	Chalk & Talk
42	Variants Of Syntax Trees	1	TB1, R2	Chalk & Talk
43	Three Address code	1	TB1, R2	Chalk & Talk
44	DAG(Directed Acyclic Graph)	1	TB1, R2	Chalk & Talk
45	Types and Declarations, Type Checking	1	TB1, R2	Chalk & Talk
46	Control Flow Structures using intermediate code	1	TB1, R2	Chalk & Talk
47	Intermediate code for Procedures	1	TB1, R2	Chalk & Talk
48	Back Patching	1	TB1, R2	Chalk & Talk
49	Revision	1		
50	Test	1		
Total No. of Classes		27		

UNIT-IV: Runtime Environments

51	Storage Organization	1	TB1, R2	Chalk & Talk
52	Activation records	1	TB1, R2	Chalk & Talk
53	Procedure calls	1	TB1, R2	Chalk & Talk
54	Principle Sources of Optimization	2	TB1, R2	Chalk & Talk
55	Basic block and its optimization	1	TB1, R2	Chalk & Talk
56	Flow graph	1	TB1, R2	Chalk & Talk
57	Loop optimization	1	TB1, R2	Chalk & Talk
58	Dataflow analysis	1	TB1, R2	Chalk & Talk
59	Peephole optimization	2	TB1, R2	Chalk & Talk
60	Revision	1		
61	Test	1		
Total No. of Classes		13		

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UNIT-V: Code Generation				
Issues in the Design of a Code Generator	2	TB1, R2	Chalk & Talk	
Code Generation Algorithm, Register allocation and assignment	2	TB1, R2	Chalk & Talk	
Object Code Forms, Revision	2	TB1, R2	Chalk & Talk	
Total No. of Classes	06			
Total No. of Classes for all units	72			

Books:

1. Compilers: Principles, Techniques, and Tools, Second Edition, Alfred V. Aho, Monica S. Lam, Ravi Sethi, Jeffrey D. Ullman, Pearson Publishers, 2007.

Reference Books:

- Compiler Construction, Principles, and Practice, Kenneth C Louden, Cengage Learning, 2006.
- Modern compiler implementation in C, Andrew W Appel, Revised edition, Cambridge University Press.
- Optimizing Compilers for Modern Architectures, Randy Allen, Ken Kennedy, Morgan Kauffmann, 2001.
- Levine, J.R., T. Mason and D. Brown, Lex, and Yacc, edition, O'Reilly & Associates, 1990.

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Program: MBA			Branch:MBA		
Year and Sem: I MBA II SEMESTER			Subject : Operations Management		
Academic Year: 2022-2023			Faculty Name: Y.DEEPIKA		
LESSON PLAN					
Course Objectives: The student will be known					
Objective: This Course is designed to make student understand the strategic significance of Operation management, to acquaint them with application of discipline to deal with real life business problem.					
S.NO	Proposed Date	Unit No& Topic to be Covered	Required No of Periods	Referenc e Text Books	Nature of Teaching
Unit –I Introduction to Operation Management					
1	20/03/2023	Nature & Scope of Operation	1	Charry	Chalk & Talk ,PPT
2	21/03/2023	Production Management	1	Charry	Chalk & Talk
3	24/03/2023	Relationship with other functional areas,	1	Charry	Chalk & Talk
4	27/03/2023	Recent trend in Operation Management	1	Charry	Chalk & Talk
5	28/03/2023	Manufacturing	1	Charry	Chalk & Talk
6	29/03/2023	Theory of Constrain	2	Charry	Chalk & Talk
7	03/04/2023	Types of Production System	1	Charry	Chalk & Talk
8	04/04/2023	Just in Time (JIT)	1	Charry	Chalk & Talk
9	05/04/2023	lean system	1	Charry	Chalk & Talk
10	07/04/2023	CASE STUDY	1	Charry	
11	07/04/2023	Revision	1	Charry	Chalk & Talk
Total No of Classes			12		
Unit – II: Product Design & Process Selection					
1	10/04/2023	Stages in Product Design process	1	Krajewski	Chalk & Talk



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2	11/04/2023	Value Analysis	1	Krajewski	Chalk & Talk
3	12/04/2023	Facility location Layout	1	Krajewski	Chalk & Talk
4	12/04/2023	Layout Types	1	Krajewski	Chalk & Talk
5	17/04/2023	Characteristics	1	Krajewski	Chalk & Talk
6	18/04/2023	Advantages and Disadvantages	2	Krajewski	Chalk & Talk
7	19/04/2023	Work measurement	1	Krajewski	Chalk & Talk
8	21/04/2023	Job design	1	Krajewski	Chalk & Talk
9	24/04/2023	CASE STUDY	1	Krajewski	Chalk & Talk
10	25/04/2023	Revision	1	Krajewski	Chalk & Talk
Total No of Classes			11		

Unit – III: Forecasting & Capacity Planning

1	26/04/2023	Forecasting	1	K Aswathappa	Chalk & Talk
2	28/04/2023	Capacity Planning	1	K Aswathappa	Chalk & Talk
3	28/04/2023	Methods of Forecasting	1	K Aswathappa	
4	01/05/2023	Overview of Operation Planning	1	K Aswathappa	Chalk & Talk
5	02/05/2023	Aggregate Production Planning	1	K Aswathappa	
6	03/05/2023	Production strategies,	1	K Aswathappa	Chalk & Talk
7	05/05/2023	Capacity Requirement Planning	1	K Aswathappa	Chalk & Talk
8	05/05/2023	MRP	1	K Aswathappa	Chalk & Talk
9	15/05/2023	Scheduling	1	K Aswathappa	Chalk & Talk
10	16/05/2023	Supply Chain Management	1	K Aswathappa	Chalk & Talk
11	17/05/2023	Purchase Management	1	K Aswathappa	Chalk & Talk
12	19/05/2023	Inventory Management.	1	K Aswathappa	
13	22/05/2023	PRODUCTION STRATEGIES	1	K Aswathappa	Chalk & Talk
14	22/05/2023	CASE STUDY	1	K Aswathappa	Chalk & Talk
15	23/05/2023	Revision	1	K Aswathappa	
Total No of Classes			15		



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Unit – IV: Productivity: Factor

1	24/05/2023	Productivity: Factor	1	Panner Selvem	Chalk & Talk ,PPT
2	26/05/2023	Affecting Productivity	1	Panner Selvem	Chalk & Talk
3	29/05/2023	Job Design	1	Panner Selvem	Chalk & Talk
4	30/05/2023	Process Flow Charts	1	Panner Selvem	Chalk & Talk
5	31/05/2023	Methods Study	1	Panner Selvem	Chalk & Talk
6	02/06/2023	Work Measurement	1	Panner Selvem	Chalk & Talk
7	05/06/2023	Engineering and Behavioral	1	Panner Selvem	Chalk & Talk
9	06/06/2023	Approaches	1	Panner Selvem	Chalk & Talk
10	07/06/2023	CASE STUDY	1	Panner Selvem	Chalk & Talk
11	09/06/2023	Revision	1	Panner Selvem	Chalk & Talk
Total No of Classes			11		

Unit – V: Quality Management

1	09/06/2023	Definition	1	S.C. Gupta	Chalk & Talk ,PPT
2	12/06/2023	Dimension	1	S.C. Gupta	Chalk & Talk
3	13/06/2023	Cost of Quality	1	S.C. Gupta	Chalk & Talk
4	14/06/2023	Quality Circles Continuous	1	S.C. Gupta	Chalk & Talk
5	14/06/2023	improvement (Kaizen)	1	S.C. Gupta	
6	16/06/2023	ISO (9000&14000 Series)	1	S.C. Gupta	Chalk & Talk
7	19/06/2023	Statistical Quality Control	1	S.C. Gupta	Chalk & Talk
8	19/06/2023	Variable & Attribute	1	S.C. Gupta	
9	20/06/2023	Process Control	1	S.C. Gupta	Chalk & Talk
10	21/06/2023	Control Charts	1	S.C. Gupta	
11	23/06/2023	Acceptance Sampling Operating	1	S.C. Gupta	Chalk & Talk




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	3				
12	26/06/2022 3	Characteristic Curve	1	S.C. Gupta	Chalk & Talk
13	27/06/2022 3	AQL ,LTPD	1	S.C. Gupta	Chalk & Talk
14	28/06/2022 3	Alpha & Beta risk	1	S.C. Gupta	Chalk & Talk
15	30/06/2022 3	Total Quality Management (TQM)	1	S.C. Gupta	Chalk & Talk
		Total No of Classes	15		
Total No of Classes(All Units)			64		

Text Books:

1. Krajewski & Ritzman (2004). Operation Management -Strategy and Analysis. Prentice Hall of India.
2. Panner Selvem, Production and Operation Management, Prentice Hall of India.
3. Chunnawals, Production & Operation Management Himalaya, Mumbai
4. Charry, S.N (2005). Production and Operation Management- Concepts, Methods Strategy. John Willy & Sons Asia Pvt Limited.
5. K Aswathappa & Sridhar Bhatt, Production & Operations Management, Himalaya, Mumbai



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DEPARTMENT OF MANAGEMENT STUDIES



Program: MBA		Branch:MBA			
Year and Sem: 1 MBA I SEM		Subject: LEGAL AND BUSINESS ENVIRONMENT			
Academic Year: 2022-2023		Faculty Name: N. PRUDHVI			
LESSON PLAN					
Course Objectives: The Student will be known					
Objective of the course is to give a basic perspective of Management. This will form foundation to study other functional areas of management and to provide the students with the conceptual framework and the theories underlying Organizational Behaviour.					
S.No	Proposed Date	Unit No& Topic to be Covered	Required No of Periods	Reference Text Books	Nature of Teaching
UNIT-I: CONCEPT OF BUSINESS ENVIRONMENT					
1	31/10/22	Definition	1	P.K DHAR	Chalk & Talk
2	1/11/22	Characteristics and environmental factors	1	P.K DHAR	Chalk & Talk
3	2/11/22	Importance of national and international level	1	P.K DHAR	Chalk & Talk
4	3/11/22	Problems and challenges	1	P.K DHAR	Chalk & Talk
5	4/11/22	Environmental scanning Importance	1	P.K DHAR	Chalk & Talk
6	7/11/22	Process of scanning	1	P.K DHAR	Chalk & Talk
7	8/11/22	NITI Aayog: its role in economic development of india	2	P.K DHAR	Chalk & Talk
8	9/11/22	Technological environment: features	1	P.K DHAR	Chalk & Talk
9	10/11/22	Its impact on business	1	P.K DHAR	Chalk & Talk
10	11/11/22	Restriants on technological growth	1	P.K DHAR	Chalk & Talk
11	14/11/22	Techniques and Processes of Decision Making	2	P.K DHAR	Chalk & Talk
12	15/11/22	CASE STUDY ANALYSIS	1	P.K DHAR	Chalk & Talk
Total No of Classes			14		
UNIT-II: ECONOMIC AND POLITICAL ENVIRONMENT					
1	16/11/22	Definition of economic environment	1	N.D KAPO OR	Chalk & Talk
2	17/11/22	Economic systems	1	N.D KAPO OR	Chalk & Talk
3	18/11/22	Merit and demerits of each systems	1	N.D KAPO OR	Chalk & Talk
	21/11/22			N.D	



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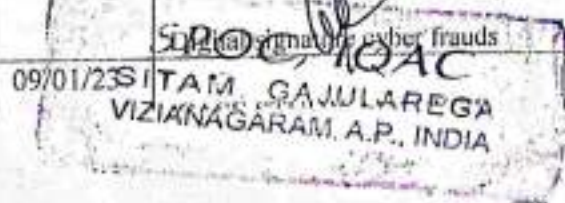
7	23/11/22	Regulatory and promotional framework	2	N.D KAPO OR	Chalk & Talk
8	24/11/22	Structure of Indian economy- nature and significance	1	N.D KAPO OR	Chalk & Talk
9	25/11/22	Economic planning - objectives	2	N.D KAPO OR	Chalk & Talk
10	28/11/22	Merits , limitations- political environment	2	N.D KAPO OR	Chalk & Talk
	29/11/22	CASE STUDY ANALYSIS	1	Harold Koontz	Chalk & Talk
Total No of Classes			13		

UNIT-III: LEGAL ENVIRONMENT BUSINESS LAW

1	30/11/22	Meaning scope and need for business law	2	P.K DHAR	Chalk & Talk
2	1/12/22	Sources of business law	2	P.K DHAR	Chalk & Talk
3	2/12/22	Indian contract act 1872(it's essential, breach of contract and remedies	2	P.K DHAR	Chalk & Talk
4	26/12/23	Intellectual property rights	2	P.K DHAR	Chalk & Talk
5	27/12/23	Negotiable instrument act 1881	2	P.K DHAR	Chalk & Talk
7	28/12/23	CASE STUDY ANALYSIS	2	P.K DHAR	Chalk & Talk
Total No of Classes			12		

UNIT-IV: COMPANY ACT 2013: Memorandum and articles of association

	02/01/23	Partnership act 1932: duties of partner	2	N.D KAPO OR	Chalk & Talk
	03/01/23	Dissolution of partnership	2	N.D KAPO OR	Chalk & Talk
	04/01/23	Information technology act 2000	2	N.D KAPO OR	Chalk & Talk
	05/01/23	Special signature cyber frauds	2	N.D KAPO OR	Chalk & Talk
	09/01/23	CASE STUDY ANALYSIS	2	N.D KAPO OR	Chalk & Talk



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Total No of Classes			10	OR	
UNIT-V: MISCELLANEOUS ACT					
1	10/01/23	Sales of goods act 1930	2	P.K DHAR	Chalk & Talk
2	11/01/23	Sale - agreement of sale	2	P.K DHAR	Chalk & Talk
3	12/01/23	Implied conditions and warranties	2	P.K DHAR	Chalk & Talk
4	18/01/23	Consumer protection act 1986	2	P.K DHAR	Chalk & Talk
5	19/01/23	Competition act	2	P.K DHAR	Chalk & Talk
6	23/01/23	Environment (protection)act 1986	2	P.K DHAR	Chalk & Talk
7	24/01/23	Foreign exchange Management act (FEMA)	2	P K DHAR	Chalk &Talk
8	25/01/23	CASE STUDY ANALYSIS	1	P.K DHAR	Chalk & Talk
Total No.of classes					
Total No of Classes(All Units)			64	P.K DHAR	Chalk & Talk

Text Books:

1. Harold Koontz, Heinz Weihrich, A.R.Aryasri, Principles of Management, TMH, 2010.
2. Dilip Kumar Battacharya, Principles of Management, Pearson, 2012.
3. Kumar, Rao, Chhaalil — Introduction to Management Science/ Cengage Publications, New Delhi
4. V.S.P.Rao, Management Text and Cases, Excel, Second Edition, 2012.
5. K.Anbuvelan, Principles of Management, University Science Press, 2013.
6. K.Aswathappa — Organisational Behaviour-Text, Cases and Games, Himalaya Publishing House, New Delhi, 2008.

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Dr.D.V.Rama Murthy
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 Phone No: 08922234779, Website: www.sitam.co.in, Email: sitam@sitam.co.in

DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

I YEAR-I SEMESTER TIME TABLE

W.E.F: Room No:

ACADEMIC YEAR: 2022-23

BATCH: 2022-26

CIVIL

PERIODS					12:40P.M-1:30P.M			
	1	2	3	4		5	6	7
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M		01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	EG		M-I	ENGG PHY	L U N C H	counselling	LIBRARY	SPORTS
TUE	EG		M-I			ENGG PHY LAB		
WED	ENG		ED			M-I	ENGG PHY	ENGG PHY
THU	ENG		ED			BCEWS		
FRI	M-I		ENGG PHY	ENG		ENGLAB		
SAT	ENGG PHY		COUN	LIB		ENGLAB		
SUBJECT CODE	SUBJECT NAME					FACULTY NAME		
R201101	MATHEMATICS-I(M-I)					DR.B.SRINIVAS		
R201103	ENGINEERING PHYSICS (ENGG PHY)					K.RUPAVATHI		
R201105	ENGINEERING GEOLOGY(EG)					V.S.N MURTHY		
R201102	ENGLISH(ENG)					N.SATISH KUMAR		
R201104	ENGINEERING DRAWING(ED)					C.H.V.M PRASAD		
R201106	ENGLISH LAB					N.SATISH KUMAR/D.NAGARANI		
R201107	ENGINEERING PHYSICS LAB					K.RUPAVATHI/G.RAVI PRASAD		
R201108	BASICS OF CIVIL ENGINEERING WORKSHOP LAB (BCEW LAB)					M.BHARGAVI		

TIME TABLE UC

Head of the Department



SITAM
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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

BATCH: 2022-26

ACADEMIC YEAR: 2022-23

1 YEAR-I SEMESTER TIME TABLE

W.E.F:

Room No:

EEE								
PERIODS	1 09:20A.M-10:10A.M	2 10:10A.M-11:00A.M	3 11:00A.M-11:50A.M	4 11:50A.M-12:40P.M	12:40P.M-1:30P.M	5 01:30P.M-02:20P.M	6 02:20P.M-03:10P.M	7 03:10P.M-04:00P.M
MON	PPSUC		M-I	M-II	L U N C H	ED		
TUE	PPSUC		M-I			ED		
WED	ENG	EEWS				M-I	LIB	SPORTS
THU	ENG	M-II		LIB		M-I(T)	COUN	SPORTS
FRI	M-I	M-II		ENG		ENGLAB		
SAT	M-II		PPSUC		PPSUC LAB			
SUBJECT CODE	SUBJECT NAME				FACULTY NAME			
R201101	MATHEMATICS-I				DR.K.SREELATHA			
R201109	MATHEMATICS-II				DR.G.SRI CHANDANA			
R201102	ENGLISH				N.SATISH KUMAR			
R201110	PPSUC				SWEITHA			
R201111	ENGINEERING DRAWING				C.H.V.M.PRASAD			
R201106	ENGLISH LAB				N.SATISH KUMAR/D.NAGARANI			
R201113	PPSUC LAB				SWEITHA			
R201112	ELECTRICAL ENGINEERING WORKSHOP				T.VENKATESH			

TIME TABLE I/C

Head of the Department



SPOC, IOAC
SITAM GAJULAREGA
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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

BATCH:2022-26

ACADEMIC YEAR:2022-23

W.E.F:

Room No:

MECHANICAL

					MEMORANDUM		
PERIODS	1	2	3	4	5	6	7
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
MON	PPSUC		M-I	ENGG PHY	COUNCELLING	LIBRARY	SPORTS
TUE	PPSUC		M-I		ENGG PHY LAB		
WED	ENG		ED		M-I	ENGG PHY	ENGG PHY
THU	ENG		ED		ES	ES	COUN
FRI	M-I	ENGG PHY	ENG		ENGG LAB		
SAT	ENGG PHY	PPSUC			PPSUC LAB		
SUBJECT CODE	SUBJECT NAME				FACULTY NAME		
R201101	MATHEMATICS-I				DR.B.SRINIVAS RAO		
R201103	ENGG PHYSICS				K.RUPAVATHI		
R201102	ENGLISH				N.SATISH KUMAR		
R201110	PPSUC				R.SWETHA		
R201114	ENVIRONMENTAL STUDIES				J.S.SAILAJA		
R201104	ENGG DRAWING				C.H.V.M PRASAD		
R201106	ENGG LAB				N.SATISH KUMAR/D.NAGARANI		
R201107	ENGG PHYSICS LAB				K.RUPAVATHI/G.RAVI PRASAD		
R201113	PPSUC LAB				R.SWETHA		

TIME TABLE

Head of the Department



S.P.O.C, IQAC
S.TAM, GAJULAREGA
VIZIANAGARAM, A.P., INDIA

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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

1 YEAR-I SEMESTER TIME TABLE

BATCH-2022-26

ACADEMIC YEAR:2022-23

W.E.F:

Room No:

ECE					7				
PERIODS	1	2	3	4	12:40P.M-01:30P.M	5	6	7	
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M		01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	ENG	ED			L U N C H	APP CHEM LAB(BATCH-1)/COUN/M-1(T)/LIB			
TUE	APP CHEM		ENG			PPSUC	PPSUC	SPORTS	
WED	M-I		APP CHEM			ED			
THU	PPSUC	PPSUC LAB				M-I	PPSUC	LIB	
FRI	PPSUC	APP CHEM		PPSUC		APP CHEM LAB(BATCH-2)/COUN/M-1(T)/LIB			
SAT	M-I	ENG LAB				M-I	ENG	PPSUC	

SUBJECT CODE	SUBJECT NAME	FACULTY NAME
R201101	MATHEMATICS-I (M-I)	DR.B.SRINIVAS
R201115	APPLIED CHEMISTRY(APP CHEM)	M.VARALAKSHMI
R201102	ENGLISH (ENG)	D.NAGARANI
R201110	PROGRAMMING FOR PROBLEM SOLVING USING C (PPSUC)	LGAYATRI
R201104	ENGINEERING DRAWING (ED)	DR.P.SRINIVAS RAO
R201106	ENGLISH LAB	D.NAGARANI/N.SATISH KUMAR
R201116	APP CHEM LAB	M.VARALAKSHMI/J.S.SAILAJA
R201113	PPSUC LAB	LGAYATRI

TIME TABLE VC

Head of the Department



SPOC, IOAC
S TAIN GAJULAREGA
VIZIANAGARAM, A.P., INDIA

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GATELAREGA, VIZIANAGARAM, ANDHRA PRADESH, PIN CODE: 535002
DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

I YEAR-I SEMESTER TIME TABLE

BATCH:2022-26

ACADEMIC YEAR:2022-23

CSE(B)

W.E.P:

Room No:

CSE(B)					7									
1		2		3		4		5		6		7		
PERIODS	09:30A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:45P.M-01:30P.M		01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M					
MON	ENG	M-I	APP PHY				PPSUC LAB		ENG					
TUE	PPSUC	CEWS		M-I		L U N C H		M-I		ENG				
WED	PPSUC		M-I				APP PHY LAB(B1)/M-I(T)/LIB/SPORTS/COUN		APP PHY LAB(B2)/M-I(T)/LIB/SPORTS/COUN					
THU	M-I		APP PHY		PPSUC		ENG		LIBRARY		SPORTS			
FRI	APP PHY		ENG LAB				COUN		PPSUC		SPORTS			
SAT	ENG		PPSUC		APP PHY									
SUBJECT					SUBJECT NAME					FACULTY NAME				
CODE														
R201101					MATHEMATICS-I					D.V.VICHIKALA				
R201117					APPLIED PHYSICS					G.RAVI PRASAD				
R201102					ENGLISH					K.GOPALA KRUSHNA				
R201110					PPSUC					DR.G.VENU MADHAV RAO				
R201106					ENGLISH LAB					K.GOPALA KRUSHNA/K.VENKATESWARA RAO				
R201109					APPLIED PHYSICS LAB					G.RAVI PRASAD/K.RUPAVATHI				
R201113					PPSUC LAB					DR.G.VENU MADHAV RAO				
R201118					COMPUTER ENGINEERING WORKSHOP					Y.PRAVEEN				

TIME TABLE

SPOC, POC
SITAIN GAJULAREGA
VIZIANAGARAM A.P. INDIA

Dr.D.V.Rama Murthy

Principal
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Gajularega, Vizianagaram

Head of the Department

I YEAR-I SEMESTER TIME TABLE

BATCH: 2022-26 ACADEMIC YEAR: 2022-23

W.E.F:

Room No:

BATCH:2022-23

AIKIDS

PERIODS	AIDS				12:40P.M-01:30P.M			
	1	2	3	4		5	6	7
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	M-I	ENG LAB			CEWS			
TUE	PPSUC	APP CHEM	M-I		APP CHEM LAB(B1)/M-1(T)/LIB/SPORTS/COUN			
WED	ENG	APP CHEM	PPSUC	ENG	APP CHEM LAB(B2)/M-1(T)/LIB/SPORTS/COUN			
THU	APP CHEM		PPSUC	ENG	M-I			
FRI	ENG	PPSUC	APP CHEM		LIB	PPSUC	SPORTS	
SAT	ES	ENG	ES	M-I	PPSUC LAB			
SUBJECT CODE	SUBJECT NAME				FACULTY NAME			
R201101	MATHEMATICS-I				DR.G.SRI CHANDANA			
R201102	ENGLISH				K.GOPALA KRUSHNA			
R201115	APP CHEMISTRY				J.S.SAILAJA			
R201110	PPSUC				M.MADHU BABU			
R201106	ENGLISH LAB				K.GOPALAKRUSHNA/K.VENKATESWAR RAO			
R201116	APP CHEMISTRY LAB				J.S.SAILAJA/M.VARALAKSHMI			
R201113	PPSUC LAB				M.MADHU BABU			
R201118	CEWS				SOPHIA			
R201114	ES				M.VARALAKSHMI			



TIME TABLE I/C

SPOC, IOAC

**SITAI, GAJULAREGA
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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

1 YEAR - II SEMESTER TIME TABLE

BATCH: 2022-26

ACADEMIC YEAR: 2022-23

W.E.F:

Room No:

CIVIL

PERIODS	1	2	3	4	12:40P.M-1:30P.M	5	6	7
09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M		01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	BMCT	BMCT	M-II	M-II	L U N C H	PPSUC	PPSUC	SPORTS
TUE	EM	ENGG CHEM LAB				PPSUC	LIB	ENGG CHEM
WED	PPSUC	BPCABD LAB				BMCT	BMCT	ES
THU	EM	EM	ENGG CHEM	ENGG CHEM		PPSUC LAB		
FRI	EM	EM	M-II	M-II		PPSUC	EC	LIB
SAT	M-II	ENGG CHEM	PPSUC	ES	SLDC			
SUBJECT CODE	SUBJECT NAME				FACULTY NAME			
R201201	MATHEMATICS -II				MR. A.SRINIVASA RAO			
R201202	ENGINEERING CHEMISTRY				L.M.VARALAKSHMI			
R201203	ENGINEERING MECHANICS				MRS.CH.V.LAKSHMI			
R201204	PROGRAMMING FOR PROBLEM SOLVING USING C				MRS.R. SWETHA			
R201205	BUILDING MATERIALS AND CONCRETE TECHNOLOGY				MR. V.S.N MURTHY			
R201228	ENVIRONMENTAL SCIENCE (M.C)				MRS.J.S. SAILAJA			
R201231	ENGINEERING CHEMISTRY LAB				L.M. VARALAKSHMI/ MRS. J.S. SAILAJA			
R201232	PROGRAMMING FOR PROBLEM SOLVING USING C LABORATORY				MRS. R. SWETHA			
R201252	BUILDING PLANNING AND COMPUTER AIDED BUILDING DRAWING				MR.V.S.N MURTHY			
	SITAM LEADERSHIP DEVELOPMENT CLUB				MR.N.SATISH KUMAR/MRS.D.NAGARANI			

TIME TABLE

Head of the Department

Dr.D.V. Rama Murthy

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Satya Institute of Technology and Management (SITAM)

Gajularega, Vizianagaram

SPOC, IOAC

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VIZIANAGARAM - 535002





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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

1 YEAR - II SEMESTER TIME TABLE

BATCH: 2022-26 ACADEMIC YEAR: 2022-23

W.E.F:

Room No:

PERIODS	EEE						
	1 09:20A.M-10:10A.M	2 10:10A.M-11:00A.M	3 11:00A.M-11:50A.M	4 11:50A.M-12:40P.M	5 12:40P.M-1:30P.M	6 01:30P.M-02:20P.M	7 02:20P.M-03:10P.M
MON	DS	M-III	APP PHY	APP PHY	L U N C H	ECA-I	LIB
TUE	M-III	BCME LAB				DS	SPORTS
WED	APP PHY	DS	DS	ECA-I		APP PHY LAB	
THU	ECA-I	ECA-I	COI	BCME		DS LAB	
FRI	BCME	BCME	M-III	M-III	ECA-I		AP PHY
SAT	APP PHY	BCME	BCME	M-III	SLDC		
SUBJECT CODE	SUBJECT NAME				FACULTY NAME		
R201206	MATHEMATICS-III				Mrs.D.VASANTHA VICHIKALA		
R201207	APPLIED PHYSICS				Mr.G.RAVI PRASAD		
R201208	DATA STRUCTURES THROUGH C				Mr.G.SRIDHAR		
R201209	ELECTRICAL CIRCUIT ANALYSIS-I				Mr.Y.SANTHOSH		
R201227	BASIC CIVIL AND MECHANICAL ENGINEERING				Mrs.K.GAYATRI KIRAN		
R201229	CONSTITUTION OF INDIA				Mrs.D.NAGARANI		
R201233	APPLIED PHYSICS LAB				Mr.G.RAVI PRASAD / Mr.N.SESHU		
R201236	BASIC CIVIL AND MECHANICAL ENGINEERING LAB				Mrs.K.GAYATRI KIRAN		
R201234	DATA STRUCTURES THROUGH C				Mr.G.SRIDHAR		
	SITAM LEADERSHIP DEVELOPMENT CLUB				Mr.N.SATISH KUMAR/Mrs.D.NAGARANI		

TIME TABLE

Head of the Department



SPOC, IOAC
SITAM GAJULAREGA
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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

BATCH: 2023-27

ACADEMIC YEAR: 2023-24

W.E.F:

Room No:

1 YEAR - I SEMESTER TIME TABLE

PERIODS	MECHANICAL				12:00 P.M-1:30P.M	5			6		7	
	1	2	3	4		01:30P.M-02:30P.M		02:30P.M-03:10P.M		03:10P.M-04:00P.M		
MON	IP	IP	BEEE	ENGG CHEM	L U N C H	SLDC						
TUE	ENGG CHEM	ENGINEERING GRAPHICS				NSS/NCC/SCOUTS&GUIDES/COMMUNITY SERVICE						
WED	IP	BEEE	ENGG CHEM	ENGG CHEM		LAC		LAC		LIB/COUN		
THU	BEEE	BEEE	LAC	IP		ENGINEERING GRAPHICS						
FRI	LAC	ELECTRICAL&ELECTRONICS ENGG WORKSHOP				ENGINEERING CHEMISTRY LAB						
SAT	BEEE	IP	ENGG CHEM	LAC	INTRODUCTION TO PROGRAMMING LAB							
SUBJECT CODE	SUBJECT NAME				FACULTY NAME							
R23BS01	LINEAR ALGEBRA & CALCULUS (LAC)				Mr P.VENKATA RAMANA							
R23BS04	ENGINEERING CHEMISTRY (EC)				L. M. VARALAKSHMI							
R23ES07	INTRODUCTION TO PROGRAMMING				Mr JAGADESH KE							
R23ES03	ENGINEERING GRAPHICS				Ms CHV LAKSHMI							
R23ES04	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING				Mr V.SARATH KUMAR							
R23BS04	ENGINEERING CHEM LAB				L. M.VARALAKSHMI/ Ms J.SESHA SAILAJA							
R23ES07	INTRODUCTION TO PROGRAMMING LAB				Mr JAGADESH KE							
R23ES05	ELECTRICAL&ELECTRONICS ENGG WORKSHOP LAB				Mr V.SARATH KUMAR							
R23MC02	NSS/NCC/SCOUTS&GUIDES/COMMUNITY SERVICE				Mr N.SATISH KUMAR/ L. M.VARALAKSHMI/ Mr J.MAHESWARA RAO/ Mr K.SATYANARAYAN(CSO)							
SLDC	SITAM LEADERSHIP DEVELOPMENT CLUB				Mr N.SATISH KUMAR							

TIME TABLE W/C

Head of the Department

TIME TABLE VC

Head of the Department



UPOC, 10A
SITAM, GAJULAREGA
VIZIANAGARAM, ANDHRA PRADESH

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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

BATCH:2023-27

ACADEMIC YEAR:2023-24
1 YEAR -I SEMESTER TIME TABLE

W.E.F:

Room No:

PERIODS	ECE				Room No:
	1	2	3	4	
09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	
MON	LAC	CHEM	IP	IP	01:30P.M-02:20P.M
TUE	CHEM	CHEM	LAC	LAC	02:20P.M-03:10P.M
WED	IP	ENGINEERING GRAPHICS			03:10P.M-04:00P.M
THU	CHEM	NSS/NCC/SCOUTS&GUIDES/COMMUNITY SERVICE			
FRI	BEEE	INTRODUCTION TO PROGRAMMING LAB			
SAT	IP	BEEE	BEEE	CHEM	
					EE ENGG WORK SHOP(B1)/CHEMISTRY LAB(B1)
SUBJECT CODE	SUBJECT NAME				FACULTY NAME
R23BS01	LINEAR ALGEBRA & CALCULUS (LAC)				Mrs D.V.VICHIKALA
R23BS04	CHEMISTRY				Mrs J. SESHU SAILAJA
R23ES07	INTRODUCTION TO PROGRAMMING				Mrs T.BHARATHI
R23ES03	ENGINEERING GRAPHICS				Mr CH V M PRASAD
R23ES04	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING				Mr G.T.NAIDU
R23BS04	CHEMISTRY LAB				Mrs J.SESHA SAILAJA/ L.M.VARALAKSHMI
R23ES07	INTRODUCTION TO PROGRAMMING LAB				Mrs T.BHARATHI
R23ES05	ELECTRICAL&ELECTRONICS ENGG WORKSHOP LAB				Mr GT.NAIDU
R23MC02	NSS/NCC/SCOUTS&GUIDES/COMMUNITY SERVICE				Mr N.SATISH KUMAR/L.M.VARALAKSHMI/ Mr J.MAHESWARA RAO/ Mr K.SATYANARAYANA
SLDC	STEAM LEADERSHIP DEVELOPMENT CLUB				Mrs G.SREEDevi



TIME TABLE

POC, IQAC

Dr.D.V.Rama Murthy

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Satya Institute of Technology and Management (SITAM)
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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

BATCH:2023-27 ACADEMIC YEAR:2023-24

1 YEAR-1 SEMESTER TIME TABLE

W.E.F:

Room No:

PERIODS	CSE							
	1	2	3	4	12:00 P.M- 01:30 P.M	5	6	7
	09:20 A.M-10:10 A.M	10:10 A.M-11:00 A.M	11:00 A.M-11:50 A.M	11:50 A.M-12:40 P.M		01:30 P.M-02:20 P.M	02:20 P.M-03:10 P.M	03:10 P.M-04:00 P.M
MON	ENGG PHY	IP	IP	BCME	L U N C H	IT WORKSHOP(B1)/COMMUNICATIVE ENGLISH LAB(B2)		
TUE	IP	BCME	LAC	YOGA		COMMUNICATIVE ENGLISH LAB(B1)/IT WORKSHOP(B2)		
WED	BCME	BCME	LAC	IP		CE		
THU	LAC	LAC	ENGG PHY	IP		ENGG WORKSHOP(B2)/ENGG PHYSICS(B1)		
FRI	CE	ENGG PHY	ENGG PHY	BCME		INTRODUCTION TO PROGRAMMING LAB		
SAT	CE	LAC	ENGG PHY	LIB/COUN		ENGG WORKSHOP(B1)/ENGG PHYSICS(B2)		
SUBJECT CODE	SUBJECT NAME					FACULTY NAME		
R23BS01	LINEAR ALGEBRA & CALCULUS (LAC)					DR.K.SREELATHA		
R23BS03	ENGINEERING PHYSICS					Mr.G.RAVI PRASAD		
R23HS01	COMMUNICATIVE ENGLISH(CE)					Mr.K.VENKATESWARA RAO		
R23ES01	BASIC CIVIL MECHANICAL ENGINEERING					Mrs.M.BHARGAVI		
R23ES07	INTRODUCTION TO PROGRAMMING					Ms.M.SRAVANTHI		
R23HS01	COMMUNICATIVE ENGLISH LAB					Mr.K.VENKATESWARA RAO/ Mr.K.GOPALA KRUSHNA		
R23BS03	ENGINEERING PHYSICS LAB					Mr.G.RAVI PRASAD/Ms.N.SESHU		
R23ES02	ENGINEERING WORKSHOP					Mr.S.PRASANTH		
R23ES06	IT WORKSHOP					Mr.Y.PRAVEEN		
R23ES07	INTRODUCTION TO PROGRAMMING LAB					Ms.M.SRAVANTHI		
R23MC01	HEALTH AND WELLNESS,YOGA AND SPORTS					Mr.V.SATYANARAYANA/ Mr.J.MAHESWARA RAO		



Signature of Head of Department

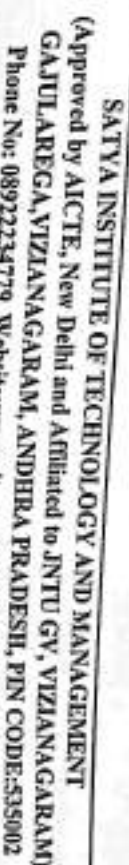
SPOC, IOAC

Dr.D.V.Rama Murthy

HEAD OF THE DEPARTMENT

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
GALILAREGA, VIZIANAGARAM, ANDHRA PRADESH, PIN CODE: 535002

Satya Institute of Technology and Management (SITAM)
Galilarega, Vizianagaram



BATCH:2023-27

1 YEAR-1 SEMESTER TIME TABLE

Room No: _____

PERIODS	A/LKDS				ROOM NO:		
	1	2	3	4	5	6	7
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M		
MON	ENGG PHY	BCME	LAC	LAC	ENG G WORK SHOP(B2)/ENGG PHYSICS(B1)		
TUE	LAC	COMMUNICATIVE ENGLISH LAB					
WED	ENGG PHY	ENGG PHY	CE	LAC	YOGA	BCME	SPORTS/LIB
THU	IP	IP	CE	BCME	LIB/COUN	IP	IP
FRI	BCME	BCME	IP	ENGG PHY	IT WORK SHOP		
SAT	CE	CE	LAC	ENGG PHY	ENG G WORK SHOP(B1)/ENGG PHYSICS(B2)		
					INTRODUCTION TO PROGRAMMING LAB		

SUBJECT CODE	SUBJECT NAME	FACULTY NAME
R23BS01	LINEAR ALGEBRA & CALCULUS (LAC)	Dr.G.SRI CHANDANA
R23BS03	ENGINEERING PHYSICS	Ms N.SESHU
R23HS01	COMMUNICATIVE ENGLISH(CE)	Smt G.SREDEVI
R23ES01	BASIC CIVIL MECHANICAL ENGINEERING	Dr.G.RAVI KISHORE
R23ES07	INTRODUCTION TO PROGRAMMING	Mr T.ANJI KUMAR
R23HS01	COMMUNICATIVE ENGLISH LAB	Smt G.SREDEVI/ Mr N.SATISH KUMAR
R23BS03	ENGINEERING PHYSICS LAB	Mr G.RAVI PRASAD/Ms N.SESHU
R23ES02	ENGINEERING WORKSHOP	NEW FACULTY
R23ES06	IT WORKSHOP	Mr Y.PRAVEEN
R23ES07	INTRODUCTION TO PROGRAMMING LAB	Mr. T.ANJI KUMAR
R23MC01	HEALTH AND WELLNESS,YOGA AND SPORTS	Mr V.SATYANARAYANA/Mr J.MAHESWARA RAO

Dr. D. V. Ravi Varma

MR V SATYANARAYANA/ MR J. MAHESWARA RAO

MR. TANJI KUMAR

Mr Y. PRAVEEN

NEW FACULTY

MR.G.RAVI PRASADMS N.SESHU

Smt G.SREEDevi/ M

MR. T. ANJI KUMAR

Dr.G.RAVI KISHORE

Smt G. SREEDevi

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INTRODUCTION

ENGAGE WORK SHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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LIB/COIN

YOGA

THIS WORK SHEET

2	2014-2015
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01:30P.M.-02:20P.M.	02
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Room No: _____

2

1997

DE:535002

AGAR (AM)

10

THE TAFE INC
TAFE CANADIAN REG
VICTORIA BC V8N 1C1

Ph.D. in Technology and
Software Engineering (SITAM)
Management, Vizianagaram
Galuranga, Vizianagaram

HEAD OF THE DEPARTMENT



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

Accredited by "NAAC"

Approved by AICTE and Affiliated to JNTU GV, VIZIANAGARAM

Email: sitam@sitam.co.in, Website: www.sitam.co.in

Telephone No: 9676788811, 8978812341/2, Land Line: 08922-234775



DEPARTMENT OF CIVIL ENGINEERING

II YEAR - I SEMESTER TIME TABLE

BATCH: 2021 -25

ACADEMIC YEAR: 2022-23

W.e.f 01-07-2022

Day /Time	1	2	3	4	12.40-1.30	5	6	7
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4.00
Mon	S.M-I	S.M-I	M-III	M-III	LUNCH	H.E LAB		
Tue	PM	PM	S.M-I	S.M-I		HE	HE	SPORTS
Wed	S & G	S & G	PM	PM		HE	HE	LIBRARY
Thu	HE	PM	PM	COUNSELLING		CT LAB		
Fri	M-III	M-III	S & G	S & G	SURVEY FIELD WORK-I	SOC		
Sat	COI	S & G	S.M-I	S.M-I				

	NAME OF THE SUBJECT	NAME OF THE FACULTY
M-III	Mathematics-III	Mrs. G. SRI CHANDANA
S.M-I	Strength of Materials	Mrs. K. GAVYATRI KIRAN
FM	Fluid Mechanics	Dr. G. RAVI KISHORE
S & G	Surveying and Geometrics	Mrs. M. BHARGAVI
HE	Highway Engineering	Mrs. K. GAVYATRI KIRAN
CT LAB	Concrete Technology Lab	Mrs. V.N.S SINDHUJA
SURVEY FIELD WORK-I	Survey Field Work-I	Mrs. M. BHARGAVI
HE LAB	Highway Engineering	Mrs. K. GAVYATRI KIRAN
COUNSELLING	COUNSELLING	Mrs. BHIS PRASANTHI
LIBRARY	LIBRARY	Mrs. V.N.S SINDHUJA
SPORTS	SPORTS	Mrs. P. SARATHI
COI	Constitution of India	Mrs. N. PRUDHVI
SOC	Skill Oriented Course	Mrs. K. GAVYATRI KIRAN

SIGNATURE OF TIME TABLE I/C



Principal

Satya Institute of Technology and Management (SITAM)

Gajularega, Vizianagaram



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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DEPARTMENT OF CIVIL ENGINEERING

III YEAR - I SEMESTER TIME TABLE

BATCH: 2020-24

ACADEMIC YEAR: 2022-23

w.e.f 01-07-2022

Day / Time	1	2	3	4	5	6	7
Mon	SA	SA	ELAM	ELAM	GTE LAB/BATCH-I/ SURVEY FIELD WORK-II/BATCH-III SA		
Tue	OE	OE	COUNSELING	EOTK			
Wed	DRCS	DRCS	GTE-I	GTE-I			
Thu	OE	OE	DRCS	DRCS			
Fri	DRCS	DRCS	GTE-I	OE	SURVEY FIELD WORK-II (BATCH-I) GTE LAB (BATCH-II)		
Sat	SA	SA	OE	GTE-I			
					SAC		

NAME OF THE SUBJECT

NAME OF THE FACULTY

DDRCS	Design and Drawing of Concrete Structures	Mrs. K. GAYATRI KIRAN
SA	Structural Analysis	Mr. P. SARATHI
GTE-I	Geotechnical Engineering-I	Mr. B.H.S PRASANTH
OE	Open Elective	Mr. G. GOUTHAM KUMAR
ELAM	Environmental Impact Assessment and Management	Mr. V.S.N. MURTHY
GTE LAB	Geotechnical Engineering Lab	Mr. B.H.S PRASANTH / Mr. G. GOUTHAM KUMAR
SURVEY FIELD WORK-II	Survey Field Work- II	Mrs. M. BHARGAVI / Mr. P. SARATHI
LIBRARY	LIBRARY	Mr. G. GOUTHAM KUMAR
COUNSELING	COUNSELING	Mrs. M. BHARGAVI
SPORTS	SPORTS	Mrs. K. GAYATRI KIRAN
SAC	Skill Advanced Course	Mr. Dr. G. RAVI KISHORE
EOTK	Essence of Indian Traditional Knowledge	Dr. G.V. RAMA KRISHNA

SIT SIGNATURE OF TIMETABLE I/C



Principal
Dr. G. V. RAMA KRISHNA

SIT
Gajularega
VIZIANAGARAM, A.P., INDIA



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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DEPARTMENT OF CIVIL ENGINEERING

II YEAR - II SEMESTER TIME TABLE

BATCH: 2021-25

ACADEMIC YEAR: 2022-23

W.e.f 25-01-2023

Day/Time	1	2	3	4	12.40-1.30	5	6	7
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4.00
Mon	MEFA	HHM	HHM	COUNSELLING	FM&HM LAB			
Tue	MEFA	HHM	HHM	EE	SM-II	SM-II	SPORTS	
Wed	CV@S	CV@S	SM-II	SM-II	SM LAB			
Thu	SM-II	SM-II	CV@S	CV@S	MEFA	HHM	HHM	
Fri	MEFA	EE	EE	LIBRARY	EE LAB			
Sat	EE	VAC			SOC			

	NAME OF THE SUBJECT	NAME OF THE FACULTY
CV@S	Complex Variables and Statistical methods	Dr. K. SREELATHA
S.M-II	Strength of Materials-II	Mrs. K. GAYATRI KIRAN
HHM	Hydraulics and Hydraulic Machinery	Dr. G. RAVI KISHORE
EE	Environmental Engineering	Mrs. M. BHARGAVI
MEFA	Managerial Economics and Financial Analysis	Mrs. CH. GAYATHRI
SM LAB	Strength of Materials lab	Mrs. P. SARATHI
EE LAB	Environmental Engineering lab	Mrs. M. BHARGAVI
FM@HM LAB	Fluid Mechanics and Hydraulic Machinery lab	Mrs. K. GAYATRI KIRAN
COUNSELLING	COUNSELLING	Mrs. V.N.S SINDHUJA
LIBRARY	LIBRARY	Mrs. G. GOUTTHAM KUMAR
SPORTS	SPORTS	Mrs. P. SARATHI
SOC	Skill Oriented Courses	Mrs. K. GAYATRI KIRAN
	Online Address Counsel (out Station)	Mrs. M. BHARGAVI
SIGNATURE OF TIME TABLE JC		

SITAM, Gajularega, Vizianagaram

SPOC, IQAC
Satya Institute of Technology and Management (SITAM)

Principal
Dept of Civil Engineering
Gajularega, Vizianagaram
61500



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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DEPARTMENT OF CIVIL ENGINEERING

III YEAR - II SEMESTER TIME TABLE

BATCH: 2020-24

ACADEMIC YEAR: 2022-23

w.e.f 21-01-2023

Day/Time	1	2	3	4		5	6	7
Mon	9.20-10.10 ASA	10.10-11.00 ASA	11.00-11.50 DDSS	11.50-12.40 DDSS	12.40-1.30 LUNCH	1.30-2.20 WRE	2.20-3.10 WRE	3.10-4.00 GTE-II
Tue	ASA	RS@GIS LAB/ SAC				DDSS	RS@GIS	RS@GIS
Wed	RS@GIS	SAC/ RS@GIS				WRE	WRE	SPORTS
Thu	GTE-II	GTE-II	ASA	LIBRARY		ESC		
Fri	RS@GIS	RS@GIS	DDSS	DDSS		COUNSELLING	GTE-II	WRE
Sat	ASA	CEP				VAC		

	NAME OF THE SUBJECT	NAME OF THE FACULTY
DDSS	Design and Drawing of Steel Structures	Mr. G. GOUTHAM KUMAR
GTE-II	Geotechnical Engineering-II	Mr. B.H.S PRASANTH
WRE	Water Resource Engineering	Dr. G. RAVI KISHORE
ASA	Advanced Structural Analysis	Mr. P. SARATHI
RS @ GIS	Remote Sensing and GIS	Ms. V.N.S SINDHUJA
CEP	Civil Engineering Practice	Mr. G. GOUTHAM KUMAR/ Mr. P. SARATHI
ESC	Estimation Specifications and Contracts	Mrs. M. BHARGAVI
SAC	Shop Advanced Course	Mr. P. SARATHI/ Mr. G. GOUTHAM KUMAR
RS@GIS LAB	RS@GIS LAB	Ms. V.N.S SINDHUJA
SPORTS	SPORTS	Mrs. K. GAYATHRI KIRAN
LIBRARY	LIBRARY	Mr. B.H.S PRASANTH
COUNSELLING	COUNSELLING	Mr. P. SARATHI
ES	EMPLOYABILITY SKILLS	Mr. B. KOTESHWARA RAO
Value Added Course(AUTO CAD)		Mr. P. SARATHI

SIGNATURE OF TIMETABLE PREPARED BY

Principal

Signature of the Head

SITAM GAJULAREGA
VIZIANAGARAM, A.P, INDIA



Satya Institute of Technology and Management (SITAM) is a leading Institute of Technology and Management in Gajularega, Vizianagaram. Phone: 9676788811.



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

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DEPARTMENT OF CIVIL ENGINEERING

IV YEAR - II SEMESTER TIME TABLE

BATCH:2019-23

ACADEMIC YEAR:2022-23

w.e.f 21-01-2023

Day /Time	1	2	3	4		5	6	7	
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-2.20	2.20-3.10	3.10-4.00	
Mon	ESC	ESC	PROJECT			GIT	GIT	LIBRARY	
Tue	PROJECT					PROJECT	GIT	GIT	
Wed	GIT	GIT	PROJECT			PROJECT			
Thu	PROJECT		ESC	ESC		RSE	RSE	SPORTS	
Fri	PROJECT					RSE	RSE	COUNSELING	
Sat	ESC	VAC				PROJECT			
			NAME OF THE SUBJECT				NAME OF THE FACULTY		
	GIT		Ground Improvement Techniques			Mr B.H.S SAI PRASANTH			
	ESC		Estimation Specifications and Contracts			Ms. V.N.S SINDHUJA			
	RSE		Road Safety Engineering			Mr V.S.N MURTHY			
	COUNSELING		COUNSELING			Mrs. M. BHARGAVI			
	LIBRARY		LIBRARY			Ms. V.N.S SINDHUJA			
	SPORTS		SPORTS			Mr G. GOUTHAMI KUMAR			
	VALUE ADDED COURSES (STAAD PRO)					G GOUTHAMI KUMAR			
SIGNATURE OF TIME TABLE I/C									
SIGNATURE OF HOD									

SPOC, IQAC
SITAM GAJULAREGA
VIZIANAGARAM, A.P., INDIA



Satya Institute of Technology and Management
Gajularega, V.
Principal
Dr. D.V. Rama Murthy

Dept of Civil Engineering
Satya Institute of Technology and Management
Gajularega, V.



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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ELECTRICAL AND ELECTRONICS ENGINEERING

2022-23-II-EE TIME TABLE A-405

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	DE	PYTHON/IOT LAB			LUNCH	PS-I	ISM		
TUE	PS-I	IOT/PYTHON LAB				MEFA	PP		
WED	MEFA	COUN	PP	ISM		DE/ISM LAB			
THU	MEFA	PS-I		LIB		ISM	SPORTS		
FRI	PP	ISM/DE LAB				DE	MEFA		
SAT	PP	DE	PS-I		MEFA	VAC			

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
DE	DIGITAL ELECTRONICS	MH	MHARIKA
MEFA	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTANCY	BJ	B.JYOTHI
PYTHON	PYTHON PROGRAMMING	VK	V.KIRAN KUMAR
ISM	INDUCTION AND SYNCHRONOUS MACHINES	YNK	Y.NARENDRA KUMAR
PS-I	POWER SYSTEM-I	MS	M.SWATHI
DE LAB	DIGITAL ELECTRONICS LAB	MH	MHARIKA
PYTHON LAB	PYTHON LAB	VK	V.KIRAN KUMAR
IOT LAB	INTERNET OF THINGS LAB	PKYS	P.KARUNAKAR.SANTHOSH
ISM LAB	INDUCTION AND SYNCHRONOUS MACHINES	TVMS	T.VENKATESH/M.SWATHI
VAC	FIRE ALARM AND SAFETY SYSTEMS LAB	RP	R.PAVANI

TIME TABLE TC

HEAD OF THE DEPARTMENT

Dept. of Electrical Engineering

Head of the Department

Principal

Management (SITAM)

Gajularega, Vizianagaram

Andhra Pradesh

India-535002

Phone: 9676788811

8978812341/2

Land Line: 08922-234775

Email: sitam@sitam.co.in

Website: www.sitam.co.in

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and Affiliated to JNTUK

RAKINADA

Gajularega, Vizianagaram

Andhra Pradesh

India-535002

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Andhra Pradesh

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SPOC, IOAC
SITAM, GAJULAREGA
VIZIANAGARAM, A.P. INDIA

Dr. Rama Murthy
Principal
Management (SITAM)
Gajularega, Vizianagaram



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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ELECTRICAL AND ELECTRONICS ENGINEERING

2022-23-III-II EEE TIME TABLE A-403

	9:20A.M-10:10A.M		10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	MPMC		EMI/PSS LAB			LUNCH	SGP	PSA		
TUE	EMI		SGP	COUN			MPMC/EMI LAB			
WED	SGP	EMI	CN				MPMC		LIB	
THU	CN		PSA				SGP	MLP		
FRI	CN	PSS/MPMC LAB					EMI	MLP	SPORTS	
SAT	MLP	PSA	MPMC			VAC				

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
SGP	SWITCH GEAR AND PROTECTION	RP	R.PAVANI
CN(OE-II)	COMPUTER NETWORKS	AS	A.SOFIA
MPMC	MICRO PROCESSOR AND MICRO CONTROLLERS	MSR	M.SRINIVAS RAO
EMI	ELECTRICAL MEASURING INSTRUMENTS	TV	T.VENKATESH
PSA	POWER SYSTEM ANALYSIS	PK	P.KARUNAKAR
MLP	MACHINE LEARNING WITH PYTHON	VY	V.YASHODHA KRISHNA
EMI LAB	ELECTRICAL MEASURING INSTRUMENTS LAB	MS/GTN	M.SWATHI/G.TIRUPATHI NAIDU
PSS LAB	POWER SYSTEM SIMULATION LAB	YS/RP	Y.SANTHOSH/R.PAVANI
MPMC LAB	MICRO PROCESSOR AND MICRO CONTROLLERS LAB	DSR	D.SRINIVASA RAO
VAC	SPECIAL ELECTRICAL MACHINES	PK	P.KARUNAKAR

Signature

Head of the Department of Technology and Management (SITAM)

D.D.V. Murthy
Principal



SPOC, IQAC
SITAM, GAJILAREGA
VIZIANAGARAM, A.P., INDIA

Satya Institute of Technology and Management
Gajilarega, Vizianagaram, A.P., India

Gajulapeta, Vizianagaram, Andhra Pradesh, Pin Code - 535002

Phone No: 9676788811/33/44, Landline: 08922-234775/76/74

IV YEAR - I SEMESTER TIME TABLE

BATCH:2019-23

ACADEMIC YEAR: 2022-23

W.elf 04-07-2022 Room No. A-201

ACADEMIC YEAR:2022-23										W.e.f 04-07-2022			Room No. A-201		
Day/Time	1	2	3	4	LUNCH	5	6	7	COUNSELLING	SPORTS	INTERNET				
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40		12.40-1.30	1.30-2.20	2.20-3.10				3.10-4.00			
Mon	IEM	FEM	FEM	PPC	PROJECT	PPE	MEMS	MEMS	SEMINAR						
Tue	PPC	PES LAB				IEM	IEM	PPE							
Wed	PPE	PPC	FEM	MEMS		LIBRARY									
Thu	FEM	FEM	IEM	PPC											
Fri	IEM	MEMS	PPC	PPC											
Sat	MEMS	FEM	IEM	PPE											

NAME OF THE SUBJECT		NAME OF THE FACULTY
IENT	Industrial Management	Mr. N. Murali krishna
FEM	Finite Element Methods	Mr. K. E. Jagadish
PPC	Production Planning & Control	Smt. Ch. V. Lakshmi
PPE	Power Plant Engineering	Mr. D. Chaitanya
MEMS	Micro Electro Mechanical Systems	Mr. S. Prasanth
FES LAB	Finite Element Simulation Lab	Mr. M. Jaya Prakash
PROJECT	PROJECT	Mr. N. Murali krishna
LIBRARY	LIBRARY	
SPORTS	SPORTS	

SIGNATURE OF TIME TABLE I/C

SIGNATURE OF HOD



Dr. Aruna
Principal
Sri Institute of Technology and
Management (SITAM)
Madurai, Tamil Nadu
625 012



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DEPARTMENT OF MECHANICAL ENGINEERING

III YEAR - I SEMESTER TIME TABLE

BATCH:2020-24

ACADEMIC YEAR:2022-23

W.e.f 01-08-2022 Room No. A-203

Day / Time	1 9.20-10.10	2 10.10-11.00	3 11.00-11.50	4 11.50-12.40	12.40-1.30	5 1.30-2.20	6 2.20-3.10	7 3.10-4.00
Mon	DMM-I	ADV.MTR	ADV.MTR	MMM	LUNCH	TE LAB (BATCH A) MT LAB (BATCH B)		
Tue	MMM	OR	OR	TE-II		ADV COMM SKILLS LAB (BATCH A) TE LAB(BATCH B)		
Wed	TE-II	DMM-I	ADV.MTR	MMM		MT LAB (BATCH A) ADV COMM SKILLS LAB (BATCH B)		
Thu	DMM-I	DMM-I	TE-II	TE-II		OR	OR	SEMINAR
Fri	OR	OR	DMM-I	DMM-I	MMM			
Sat	MMM	TE-II	TE-II	ADV.MTR	PEHV			
								LIB
SUB	NAME OF THE SUBJECT							
TE-II	THERMAL ENGINEERING-II							
DMM-I	DESIGN OF MACHINE MEMBERS-I							
MMM	MACHINING, MACHINE TOOLS AND METROLOGY							
OR	OPERATIONS RESEARCH							
ADV MTRLS	ADVANCED MATERIALS							
MT LAB	MACHINE TOOLS LAB							
TE LAB	THERMAL ENGINEERING LAB							
ADV COMM SKILLS LAB	ADVANCED COMMUNICATIONS SKILL LAB							
PEHV	PROFESSIONAL ETHICS AND HUMAN VALUES							
LIBRARY	LIBRARY							
SPORTS	SPORTS							

SIGNATURE OF TIME TABLE VC

SIGNATURE OF HOD

Dr. V. Rama Murthy
Principal
Satya Institute of Technology and
Management, Vizianagaram
Gajularega



SITAM OFFICE
VIZIANAGARAM A.P. INDIA



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DEPARTMENT OF MECHANICAL ENGINEERING

BATCH:2021-25

II YEAR - I SEMESTER TIME TABLE

W.e.f 16-08-2022

Day /Time	1	2	3	4			
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-2.20	2.20-3.10
Mon	FMHM						
Tue	VCFT		PT	VCFT		MOS	
Wed		KOM	VCFT	MOS		FMHM	LIBRARY
Thu		VCFT	FMHM	MOS		DAM LAB BATCH -A/ CAEDP LAB BATCH-B	
Fri	KOM	PT				PT BATCH -A/FMHM LAB BATCH-B	
Sat	FMHM	PT				PT BATCH -B/FMHM LAB BATCH-A	
						DAM LAB BATCH -B/ CAEDP LAB BATCH-A	

SUB	NAME OF THE SUBJECT		NAME OF THE FACULTY	
VCFT	VCFT		Mr Anil kumar	
KOM	Kinematics of machinery		Dr P.Shreenivasa rao	
PT	Production Technology		Smt. Ch. V. Lakshmi	
FM&HM	Fluid mechanics and hydraulic machines		Mr. D.Chaitanya	
MOS	Mechanics of Solids		Mr. M.Jaya Prakash	
DAM LAB	Draiting and Modelling Lab		Mr. S.P.Prasanth	
CAEDP	CAEDP		Mr.G Surya	
FM&HM LAB	Fluid mechanics and hydraulic machines lab		Mr. D.Chaitanya	
PT LAB	Production technology lab		Dr P.Shreenivasa rao	
LIBRARY	LIBRARY			
SPORTS	SPORTS			

SIGNATURE OF TIME TABLE

SPOBIOAC

SIGNATURE OF HOD

D.D.V.Rama Murthy

S. Kishore

SATYA, GAJULAPETA
VIZIANAGARAM, A.P., INDIA



Satya Institute of Technology and Management (SITAM)
Gajulapeta, Vizianagaram



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Phone No: 9676788811/3344, Landline: 08922-234775/76/74

DEPARTMENT OF MECHANICAL ENGINEERING

BATCH:2019-23

ACADEMIC YEAR:2022-23 IV YEAR - II SEMESTER TIME TABLE

w.e.f 05-12-2022

Day /Time	1	2	3	4	LUNCH			5	6	7
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-2.20	2.20-3.10	3.10-4.00		
Mon	ED	ED	TQM	AM	LUNCH	ROBO	ROBO	SPORTS		
Tue	TQM	TQM	ED	ED		AM	AM	LIBRARY		
Wed	AM	AM	TQM	TQM		ED	ROBO	ROBO		
Thu	ROBO	ROBO	ED	AM		TQM	VALUE ADDED COURSES			
Fri	PROJECT					PROJECT				
Sat	PROJECT				PROJECT					

	NAME OF THE SUBJECT	NAME OF THE FACULTY
AM	Additive Manufacturing	Mr. D.Chaitanya
ED	Entrepreneurship Development	Mr. N.Murali Krishna
ROBO	Robotic	Mr. S Prasanth
TQM	Total Quality Management	Mr. K E Jagadish
PROJECT	PROJECT	Smt. Ch. V. Lakshmi
LIBRARY	LIBRARY	
SPORTS	SPORTS	
VALUE ADDED COURSES		Mr. K E Jagadish

SIGNATURE OF TIME TABLE I/C

SIGNATURE OF HOD



SITAM GAJULAREGA
VIZIANAGARAM, AP, INDIA

Dr. V. Venkata Murthy
Principal
Satya Institute of Technology and Management
Gajularega, Vizianagaram



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DEPARTMENT OF MECHANICAL ENGINEERING

BATCH:2020-24

III YEAR - II SEMESTER TIME TABLE

ACADEMIC YEAR:2022-23

w.e.f 19-01-2023

					W.E.C 19-01-2023			
Day /Time	1	2	3	4	5			
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-2.20	2.20-3.10	3.10-4.00
Mon	HT	HT	DMIM-2	DMIM-2	LUNCH	CAE&CAM LAB / M&M LAB		
Tue	DMIM-2	HT	EME	AB		M&M LAB/ HT LAB		
Wed	RM	HT	HT	AI&ML		HT LAB/ AI& ML LAB		
Thu	AE	AE	AI&ML	AI&ML		RM	EME	SPORTS
Fri	EME	DMIM-2	DMIM-2	AI&ML	AE	VALUE ADDED COURSES		
Sat	AE	EME	EME	LIBRARY	AI&ML LAB/CAE&CAM LAB			

	HT	NAME OF THE SUBJECT	NAME OF THE FACULTY
	DMIM-2	Heat Transfer	Mr. CH V M Prasad
	AI&ML	Design Of Machine Members- II	Mr. S Prasanth
	EME	Introduction To Artificial Intelligence & Machine Learning	Smt. Priyanka
	AE	Essentials of mechanical engineering	Mr. M Jaya prakesh
	HT LAB	Introduction To Automobile Engineering (Elective)	Mr. G Surya
	CAE&CAM LAB	Heat Transfer Lab	Mr. CH V M Prasad
	M&M LAB	CAE & CAM Lab	Mr. D.Chaitanya
	AI&ML LAB	Measurements & Metrology Lab	Dr P. Shreevatsa rao
	RM	Artificial Intelligence & Machine Learning Lab	Smt. Priyanka
		Research Methodology and IPR	Dr P. Shreevatsa rao
VALUE ADDED COURSES		VALUE ADDED COURSES	Mr. S Prasanth

SIGNATURE OF TIME TABLE I/C

S. B. C. IQAC

SIGNATURE OF HOD

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VIZIANAGARAM - P. 100002

Gajularega, Vizianagaram



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DEPARTMENT OF MECHANICAL ENGINEERING

BATCH:2021-25

ACADEMIC YEAR:2022-23

II YEAR - II SEMESTER TIME TABLE

W.C.F 19-01-2023

Day /Time	1	2	3	4					
	9.20-10.10	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	5	6	7	
Mon	CVSM	CVSM	DOM	DOM	PYTHON LAB	1.30-2.20	2.20-3.10	3.10-4.00	
Tue	DEM	CVSM	TE-1	TE-1		MSM		DEM	LIBRARY
Wed	DOM	DOM	CVSM	DEM		MID LAB			
Thu	TE-1	TE-1	MSM	DOM		TONLAB/MOS LAB			
Fri	MSM	MSM	TE-1	DEM		MOS LAB /TON LAB			
Sat	CVSM	DEM	MID	MSM	VALUE ADDED COURSES				
					SPORTS				

	NAME OF THE SUBJECT	NAME OF THE FACULTY
MSM	Material Science & Metallurgy	Mr.K E Jagadish
CVSM	Complex Variables and Statistical Methods	Mr. Anil Kumar
DOM	Dynamics of Machinery	Sec. Ch. V. Lakshmi
TE-1	Thermal Engineering-1	Mr. D.Chaitanya
DEM	Industrial Engineering and Management	Mr. N.Murali Krishna
MOS LAB	Mechanics of Solids and Metallurgy Lab	Mr. M Jaya prakash
MID	Machine Drawing Practice	Dr P.Shreenuvasi rao
TON LAB	Theory of Machines Lab	Mr. S Prasanth
PYTHON	Python Programming Lab	Mr.K E Jagadish
VALUE ADDED COURSES		Mr. D.Chaitanya

SIGNATURE OF TIME TABLE VC

SIGNATURE OF HOD

Dr.D.V.Rama Murthy
Principal
Satya Institute of Technology and
Management (SITAM)
Gajularega, Vizianagaram



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Gajularega,
Vizianagaram - 535002

SITAM

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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-IV-II ECE TIME TABLE (w.e.f:DEC-2022)

MON	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
TUE	PROJECT				L	PROJECT		
WED	PROJECT				U	PROJECT		
THU	WC				N	PROJECT		
FRI	CS&S				C	PROJECT		
SAT	PROJECT				H	PROJECT		

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
WC	WIRELESS COMMUNICATIONS	DSR	Mr.D.SRINIVASA RAO
CS&S	CYBER SECURITY & CRYPTOGRAPHY	RS	Mrs.R.SWETHA
VAC	LEARNING OF IOT AND ITS APPLICATIONS	KHK	Mr.K.Hari Krishna
	PROJECT		All Faculty

Dr.D.V. Prasad, Principal and Head of the Department of Technology and Management (SITAM)

Gajularega, Vizianagaram



SPOC, IOAC
SITAM, GAJULAREGA
VIZIANAGARAM
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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-III-II ECE TIME TABLE (w.e.f. JAN-2023)

2022-23-III-III ECE LABS (VLSI)									
	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	
MON	VLSID CN				L	ARM/ABP SOC/DSP LAB			
TUE	MM	VLSID LAB/MM LAB			U	DSP	VAC		
WED	VLSID	DSP LAB/ARM/ABP SOC			N	ES	ES	LIBRARY	
THU	MM			CN	C	VLSID	DSP	ES	
FRI	DSP		CN	MM	H	MM LAB/VLSID LAB			
SAT	ES	DSP	VLSID	RM		MM	ES	SPORTS	
SUBJECT CODE	SUBJECT NAME				FACULTY CODE	FACULTY NAME			
MM	MICROPROCESSOR AND MICROCONTROLLERS				MSR	Mr.M.Srinivasa Rao			
VLSID	VLSI DESIGN				BV	Mrs.B.Vijaya			
DSP	DIGITAL SIGNAL PROCESSING				VNS	Mrs.V.N.Sireesha			
ES	EMBEDDED SYSTEMS(PE-2)				KHK	Mr.K.Hari Krishna			
CN	COMPUTER NETWORKS(OE-2)				AS	Mrs.A.Sophia			
MM LAB	MICROPROCESSOR AND MICROCONTROLLERS LAB				MSR/DSR	Mr.M.Srinivasa Rao/Mr.D.Srinivasa Rao			
VLSID LAB	VLSI DESIGN LAB				BV/KHK	Mrs.B.Vijaya/Mr.K.Hari Krishna			
DSP LAB	DIGITAL SIGNAL PROCESSING LAB				VNS	Mrs.V.N.Sireesha			
ARM/ABP SOC	ARM BASED/ARM/ABP SOC				TDV/KHK	Mr.K.Hari Krishna/Dr.T.D.V.A.Naidu			
SITAM Gajularega					MSR	Mr.M.Srinivasa Rao			
VLSI LAB					Siva Institute of Technology Management, Vizianagaram, A.P. INDIA				
VLSI LAB					Gajularega				
VLSI LAB					Principal				
VLSI LAB					Dr.D.V.K. Reddy				
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VLSI LAB					VLSI LAB				
VLSI LAB					VLSI LAB				
VLSI LAB</									

HEAD OF THE DEPARTMENT

Satyavardhan Murthy
Principal
Satya Institute of Technology and Management
Gajularega, Vizianagaram

TIME TABLE / IC



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-II ECE TIME TABLE (w.e.f. JAN-2023)

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	DICD	ECA LAB/AC LAB			L	MOB	LIB	
TUE	AC	MOB	ECA	DICD	U	DICD LAB/SS		
WED	LCS		DICD	DICD	N	AC	VAC	
THU	ECA		AC	LCS	C	AC LAB/ECA LAB		
FRI	AC	SS/DICD LAB			H	LCS	ECA	COUNSELLING
SAT	MOB		AC	ECA		DICD	LCS	SPORTS

SUBJECT CODE	SUBJECT NAME			FACULTY CODE	FACULTY NAME			
ECA	ELECTRONIC CIRCUIT ANALYSIS			TDVA	Dr.T.D.V.A.NAIDU			
DICD	DIGITAL IC DESIGN			DVS	Mrs.D.VIJAYA SRI			
AC	ANALOG COMMUNICATIONS			VS	Mrs.V.SIRISHA			
LCS	LINEAR CONTROL SYSTEMS			MS	Mrs.M.SWATHI			
MOB	MANAGEMENT AND ORGANIZATIONAL BEHAVIOUR			NP	Mr.N.PRUDHVI			
ECA LAB	ELECTRONIC CIRCUIT ANALYSIS LAB			TDVA/BV	Dr.T.D.V.A.NAIDU/Mrs.B.VIJAYA			
AC LAB	ANALOG COMMUNICATIONS LAB			VS/VNS	Mrs.V.SIRISHA/Mrs.V.N.SIREESHA			
DICD LAB	DIGITAL IC DESIGN LAB			DVS	Mrs.D.VIJAYA SRI			
SS/DICD LAB	SOFT SKILLS			KV	Mr.K.VENKATESWARA RAO			
VIZIANAGAR CAMPUS	CIRCUIT DESIGN AND SIMULATION			BV	Mrs.B.VIJAYA			

TIME TABLE/C

HEAD OF THE DEPARTMENT

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Satya Institute of Technology & Management (SITAM)
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-IV-I ECE TIME TABLE (w.e.f.04-07-2022)

Room No: D-201

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	PROJECT-I							
TUE	ADSP	ADSP	ES	ES	L	PROJECT-I		
WED	MWOC	MWOC	ES	DIVP	N	MWOC	DIVP	LIB
THU	ES	ES	DCCN	DCCN	C	MWE	DIVP	COUN
FRI	ADSP	MWOC LAB			H	DCCN	DCCN	ADSP
SAT	DIVP	DIVP	MWE	ADSP		DCCN	DCCN	SPORTS

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
MWOC	Microwave and Optical Communication Engineering	MSR	Mr. M. Srinivasa Rao
DIVP	Digital Image & Video processing	DSR	Mrs. D. Vijaya Sri
DCCN	Data Communications & Computer Networks	TAK	Mr. T. Anji Kumar
ADSP	Advanced Digital Signal Processing (PE-1)	BV	Mrs. B. Vijaya
ES	Embedded Systems (PE-2)	KHK	Mr. K. Hari Krishna
IOT LAB	Internet of Things Lab	KHK/TDVA	Mr. K. Hari Krishna/Dr. T. D. V. A. Naidu
MWOC LAB	Microwave and Optical Communication Engineering Lab	MSR/DVS	Mr. M. Srinivasa Rao/Mrs. D. Vijaya Sri
SITAM PROJECT-I		All Faculty	

TIME TABLE I/C

HEAD OF THE DEPARTMENT



[Signature]

Dr. D. N. Rama Murthy
Principal
Satya Institute of Technology
Gajulapet, Vizianagaram

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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-III-I ECE TIME TABLE (w.e.f: 01-08-2022)

Room No: D-203

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	EMTL	DC	DS	DS	L	AICA	EMI	SPORTS
TUE	EMI	DS-JAVA LAB (1-32)/AICA LAB (35-LE16)			U	DS	DC	ITW
WED	EMI	DC LAB (1-32) /DS-JAVA LAB (35-LE16)			N	EMTL	AICA	ITW
THU	DS	DS	EMTL	AICA	C	DC	EMTL	LJB
FRI	AICA	AICA	DC	EMI	H	AICA LAB (1-32)/DC LAB(35-LE16)		
SAT	EMTL	EMTL	EMI	EMI		DC	DS	COUN

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
AICA	Analog ICs Applications	DSR	Mr.D.Srinivasa Rao
EMTL	Electromagnetic waves and Transmission Lines	BVSLJ	Mrs.B.V.S.L.Jyothi
EMI	Electronic Measurements and Instrumentation (PE-1)	VS	Mrs V. Srinsha
DS	Data Structures (OE-1)	GVMR	Mrs L.Gayathri
ITW	Indian Traditional Knowledge	BKR	Mr.B.K.Rao
DC	Digital Communications	VNS	Mrs V.N.Sireesha
AICA LAB	Analog Ics and Applications Lab	DSR/MSR	Mr.D.Srinivasa Rao/Mr.M.Srinivasa Rao
DC LAB	Digital Communications Lab	DVS/VNS	Mrs.D.Vijaya Sri/Mrs.V.N.Sireesha
DS LAB	Data Structures Using Java Lab	GVMR/RH	Mrs L.Gayathri/Mr.R.Bangari

HEAD OF THE DEPARTMENT

Dr. N. V. Rama Murthy

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Satya Institute of Technology and
Management (SITAM)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23-II-I ECE TIME TABLE (w.e.f 05-09-2022)

Room No: D-205

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	STLD	STLD	EDC	M-III	L	SS	RVSP	REC
TUE	RVSP	JAVA/PP SOC LAB			U	EDC/STLD LAB		
WED	EDC	PP SOC/JAVA LAB			N	SS	STLD	REC
THU	SS	SS	RVSP	STLD	C	STLD/EDC LAB		
FRI	EDC	EDC	M-III	M-III	H	STLD	LIB	COUN
SAT	M-III	M-III	SS	RVSP		RVSP	EDC	SPORTS

SUBJECT CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
EDC	Electronic Devices and Circuits	TDVA	Dr.T.D.V.A.Naidu
STLD	Switching Theory and Logic Design	VS	Mrs.V.Sirisha
SS	Signals and Systems	VNS	Mrs.V.N.Sireesha
RVSP	Random Variables and Stochastic Processes	DVS	Mrs.D.Vijaya Sri
M-III	Mathematics-III	DVV	Mrs.D.Vasantha Vethukala
JAVA LAB	OC through Java Lab	VKK	Mrs.V.Kirana Kumar
PP SOC	Programming Skill Oriented Course	MSV/SSR	Mrs.M.Sai Vasanthi/Dr.L.S.Rao
EDC LAB	Electronic Devices and Circuits Lab	TDV/A/KHK	Dr.T.D.V.A.Naidu/Mr.K.Hari Krishna
STLD LAB	Switching Theory and Logic Design Lab	VS/BVSLJ	Mrs.V.Sirisha/Mrs.V.N.Sireesha

TIME TABLE I/C

HEAD OF THE DEPARTMENT

V. Sridhar

Dr.D.V.Rama Murthy

Dr.D.V.Rama Murthy
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Dr.D.V.Rama Murthy



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

BATCH: 2021-25

II YEAR - I SEMESTER TIME TABLE

ACADEMIC YEAR: 2022-23

W.E.F.: 16/8/22

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	MFCS	M-III	C++	OS	LUNCH		
WED	C++	SE	MFCS	M-III			
THU	M-III	MFCS	C++	COUNSEL			
FRI	OS	SE	M-III	MFCS			
SAT	C++	SE	MFCS	OS	C++	LIBRARY	SPORTS
	SE	C++	OS	M-III	OS		COI
SUB CODE	NAME OF THE SUBJECT				NAME OF THE FACULTY		
C++	OOPS THROUGH C++				R.BANGARI		
OS	OPERATING SYSTEM				G.SRIDHAR		
SE	SOFTWARE ENGINEERING				D.DAVINASH		
M-III	MATHEMATICS-III				A.ANIL KUMAR		
MFCS	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE				E.SRAVYA		
C++ LAB	OOPS THROUGH C++ LAB				R.BANGARI/Y.DINESH KUMAR		
OS LAB	OPERATING SYSTEM LAB				G.SRIDHAR/R.SWETHA		
SE LAB	SOFTWARE ENGINEERING LAB				D.DAVINASH/K.YASHODHA KRISHNA		
FS LAB	FULL STACK LAB				R.SWETHA / G.SRIDHAR		
COI	CONSTITUTION OF INDIA				DR.P.RAVI KUMAR		

SIGNATURE OF TIMETABLE I/C

V. K. Venkatesh



Dr. P. R. Ravi Kumar
 SPOC, IOAC

SIGNATURE OF HOD

Dr. P. R. Ravi Kumar

Satya Institute of Technology and Management
 Gajularega, Vizianagaram, A.P., INDIA



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&DS)

BATCH:2021-25

II YEAR - I SEMESTER TIME TABLE

ACADEMIC YEAR:2022-23

W.E.F.:16/8/22

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	JAVA	AI&DS	DBMS	M-III	LUNCH		
WED	JAVA	M-III	DBMS	COUNSEL			
THU	MFCS	AI&DS	MFCS	AI&DS			
FRI	DBMS	JAVA	M-III	AI&DS			
SAT	MFCS	JAVA	AI&DS	DBMS	M-III	COI	
					MFCS	LIBRARY	SPORTS
SUB CODE		NAME OF THE SUBJECT			NAME OF THE FACULTY		
M-III		MATHEMATICS-III			A.SRINIVAS RAO		
MFCS		MATHEMATICAL FOUNDATION OF COMPUTER SCIENCE			E.SRAVYA		
AI&DS		INTRODUCTION TO AI&DS			Y.DINESH KUMAR		
JAVA		OOPS THROUGH JAVA			LGAYATHRI		
DBMS		DATABASE MANAGEMENT SYSTEM			M.MADHU BABU		
AI&DS LAB		INTRODUCTION TO AI&DS LAB			Y.DINESH KUMAR/T.ANJI KUMAR		
JAVA LAB		JAVA LAB			LGAYATHRI/B.PRIYANKA		
DBMS LAB		DATABASE MANAGEMENT SYSTEM LAB			M.MADHU BABU/T.ANJI KUMAR		
MAD LAB		MOBILE APPLICATION DEVELOPMENT LAB			V.KIRAN KUMAR/R.BANGARI		
COI		CONSTITUTION OF INDIA			DR.P.RAVI KUMAR		

V.Kiran Kumar
SIGNATURE OF TIMETABLE I/C



Satya Institute of Technology and Management
Vizianagaram

DR.P.Ravi Kumar

SPOC, IQAC
SITAM, Gajularega
Vizianagaram
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

III YEAR - I SEMESTER TIME TABLE

BATCH: 2020-24 ACADEMIC YEAR: 2022-23 W.E.F: 1/8/22

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M CN	10:10A.M-11:00A.M DAA	11:00A.M-11:50A.M RES	11:50A.M-12:40P.M AI	12:40P.M-1:30P.M LUNCH	01:30P.M-02:20P.M CN LAB	02:20P.M-03:10P.M CN LAB
TUE	RES	DWDM	CN	INTERNET	DWDM LAB	DEVOPS LAB	DEVOPS LAB
WED	DAA	CN	AI	RES	DWDM	EMP SKILLS	EMP SKILLS
THU	CN	DWDM	AI	DAA	DWDM	LIBRARY	SPORTS
FRI	AI	RES	DAA	COUNSEL	RES	T&P	INTERNET
SAT	DWDM	AI	DAA	CN			
SUB CODE	NAME OF THE SUBJECT				NAME OF THE FACULTY		
DAA	DESIGN & ANALYSIS OF ALGORITHMS				R.BANGARI		
CN	COMPUTER NETWORKS				T.ANJI KUMAR		
RES	RENEWABLE ENERGY SOURCES				T.VENKATESH		
AI	ARTIFICIAL INTELLIGENCE				Y.DINESH KUMAR		
DWDM	DATA WAREHOUSING AND DATA MINING				M.MADHUBABU		
DWDM LAB	DATA WAREHOUSING AND DATA MINING LAB				M.MADHUBABU/Y.PRAVEEN		
CN LAB	COMPUTER NETWORKS LAB				T.ANJI KUMAR/Y.DINESH KUMAR		
DEVOPS LAB	DEVOPS LAB				D.DAVINASH/A.SOPHIA		
EMP SKILLS	EMPLOYABILITY SKILLS				B.KOTESWARA RAO		

SIGNATURE OF TIME TABLE I/C

(Signature)



(Signature)

Dr.D.V.Rama Murthy

Principal

SIGNATURE OF HOD

(Signature)

Satya Institute of Technology and Management (SITAM)
Gajularega, Vizianagaram



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&DS)

III YEAR - I SEMESTER TIME TABLE

BATCH:2020-24		ACADEMIC YEAR:2022-23				W.E.F.:1/8/22		
DAY /TIME	1	2	3	4		5	6	7
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1.30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	CD	OS	IOT	RES	LUNCH	CD	IOT	ML
TUE	ML	CD	OS	INTERNET		OS & CD LAB		
WED	RES	IOT	OS	CD		RES	EMP SKILLS	
THU	CD	ML	RES	INTERNET		ML LAB		
FRI	IOT	OS	ML	RES		T&P	LIBRARY	SPORTS
SAT	OS	IOT	ML	COUNSEL	DEVOPS LAB			
SUB CODE		NAME OF THE SUBJECT			NAME OF THE FACULTY			
CD		COMPILER DESIGN			R.SWETHA			
OS		OPERATING SYSTEMS			G.SRIDHAR			
ML		MACHINE LEARNING			B.PRIYANKA			
IOT		INTERNET OF THINGS			K.YASODHA KRISHNA			
RES		RENEWABLE ENERGY SOURCES			R.PAVANI			
OS & CD LAB		OPERATING SYSTEMS & COMPILER DESIGN LAB			R.SWETHA/G.SRIDHAR			
ML LAB		MACHINE LEARNING LAB			B.PRIYANKA/L.GAYATHRI			
DEVOPS LAB		DEVOPS LAB			A.SOPHIA/D.AVINASH BABU			
EMP SKILLS		EMPLOYABILITY SKILLS			B.KOTESWARA RAO			

SIGNATURE OF TIMETABLE I/C

V. K. Ramesh Kumar



SIGNATURE OF HOD

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Dr.D.V.Rama Murthy
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IV YEAR - I SEMESTER TIME TABLE

BATCH-2019-23

ACADEMIC YEAR: 2022-23

W.E.F.: 4/7/22

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	ML	ES	C&NS	UML&DP	ML	CSF	ES
WED	UML&DP	ES	C&NS	ML	ML	CSF	C&NS
THU	CSF	C&NS	CSF	IOT	ML	CSF	INTERNET
FRI	ML	UML&DP	ES	IOT	ML	PROJECT	IPR
SAT	CSF	C&NS	UML&DP	IOT	ML	UML LAB	LIBRARY
SUB CODE	NAME OF THE SUBJECT				NAME OF THE FACULTY		
ML	MACHINE LEARNING				B.PRIVANKA		
IOT	INTERNET OF THINGS				K.YASODA KRISHNA		
ES	EMBEDDED SYSTEMS				K.HARI KRISHNA		
C&NS	CRYPTOGRAPHY AND NETWORK SECURITY				DR.L.SIVARAO		
UML&DP	UML & DESIGN PATTERNS				Y.PRAVEEN		
CSF	CYBER SECURITY AND FORENSICS				A.SOPHIA		
UML LAB	UML LAB				Y.PRAVEEN/K.YASHODA KRISHNA		
IPR	IPR & PATENTS				B.KOTESWARA RAO		



V. Kanna Kumar
SIGNATURE OF TIME TABLE I/C

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SITAM, GAJULAREGA
VIZIANAGARAM, A.P., INDIA

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

BATCH: 2021-25

II YEAR - I SEMESTER TIME TABLE

ACADEMIC YEAR: 2022-23

W.E.F.: 19/1/23

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	P&S	FLAT	MEFA	DBMS	LUNCH		
WED	FLAT	P&S	JAVA	MEFA			
THU	JAVA	FLAT	MEFA	DBMS			
FRI	DBMS	JAVA	FLAT	P&S			
SAT	MEFA	P&S	P&S	JAVA	FLAT	DBMS	SPORTS
SUB CODE							
P&S				NAME OF THE SUBJECT			
FLAT				NAME OF THE FACULTY			
JAVA				V.SRANATHA V			
DBMS				E.SRAVYA			
MEFA				V.KIRAN KUMAR			
DBMS LAB				G.SRIDHAR V. KIRAN KUMAR			
R PROG LAB				E.SRAVYA/M.MADHU BABU			
JAVA LAB				V.KIRAN KUMAR/R.SWETHA			
FS LAB				I.GAYATHRI/T.ANJI KUMAR			
VAC				A.SOPHIA			



SIGNATURE OF TIME TABLE PO

VIZIANAGARAM, A.P., INDIA

(Signature)

Dr.D.V.Rama Murthy

Principal

Satva Institute of Technology and Management (SITAM)

SIGNATURE OF HOD

(Signature)



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

III YEAR - II SEMESTER TIME TABLE

BATCH: 2020-24

ACADEMIC YEAR: 2022-23

W.E.F: 19/1/23

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	BDA	DLD	ML	C&NS	LUNCH		
WED	ML	C&NS	BDA	CD			
THU	DLD	ML	BDA	CD			
FRI	C&NS	DLD	CD	LIBRARY			
SAT	ML	CD	BDA	DLD	C&NS	MST LAB	VAC
	CD	ML	DLD	C&NS	BDA	ES-II	SPORTS
SUB CODE	NAME OF THE SUBJECT				NAME OF THE FACULTY		
ML	MACHINE LEARNING				B PRIYANKA		
CD	COMPILER DESIGN				R SWETHA		
C&NS	CRYPTOGRAPHY & NETWORK SECURITY				T.ANJI KUMAR		
BDA	BIG DATA ANALYTICS				Y.DINESH		
DLD	DIGITAL LOGIC DESIGN				K.HARIKRISHNA		
CD LAB	COMILER DESIGN LAB				R SWETHA/K.YASODHA KRISHNA		
C&NS LAB	CRYPTOGRAPHY & NETWORK SECURITY LAB				T.ANJI KUMAR/D.AVINASH BABU		
MLP LAB	MACHINE LEARNING USING PYTHON LAB				B PRIYANKA/Y.DINESH		
MST LAB	MEAN STACK TECHNOLOGIES LAB				Y.DINESH/T.GAYATHRI		
ES-II	EMPLOYABILITY SKILLS-II				N PRUDVI		
VAC	REAL TIME OPERATING SYSTEM				D.AVINASH BABU		



V.Viswanathaiah
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VIZIANAGARAM, A.P. INDIA

D.R.D.V.Rama Murthy
Principal

SIGNATURE OF HOD

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Gajularega, Vizianagaram



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&DS)

BATCH: 2020-24

III YEAR - II SEMESTER TIME TABLE
 ACADEMIC YEAR: 2022-23

W.E.F: 19/1/23

DAY / TIME	1	2	3	4	5	6	7
MON	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M
TUE	UEE	CN	BDA	SPM	LUNCH		
WED	SPM	UEE	DAA	LIBRARY			
THU	CN	UEE	SPM	BDA			
FRI	BDA	SPM	CN	DAA			
SAT	UEE	CN	DAA	BDA	DAA	ES-II	SPORTS
	DAA	UEE	BDA	SPM	CN	VAC	

SUB CODE	NAME OF THE SUBJECT	NAME OF THE FACULTY
CN	COMPUTER NETWORKS	T ANJI KUMAR
BDA	BIG DATA ANALYTICS	Y DINESH KUMAR
DAA	DESIGN AND ANALYSIS OF	R BANGARI
SPM	SOFTWARE PROJECT MANAGEMENT	D AVINASH BABU
FUEE	FUNDAMENTALS OF UTILIZATION OF ELECTRICAL ENERGY	M SWATHI
CN LAB	COMPUTER NETWORKS LAB	T ANJI KUMAR/D.AVINASH BABU
BDA LAB	BIG DATA ANALYTICS LAB	Y DINESH KUMAR/GAYATHRI
MST LAB	MEAN STACK TECHNOLOGIES LAB	D AVINASH BABU/Y.PRAVEEN
DLTF LAB	DEEP LEARNING WITH TENSOR FLOW LAB	Y PRAVEEN/A.SOPHIA
ES-II	EMPLOYABILITY SKILLS-II	N PRUDVI
VAC	REAL TIME OPERATING SYSTEM	R BANGARI

V. Kishan Kumar



SIGNATURE OF TIME TABLE OFFICER, IOAC

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Dr. D.V. Rama Murthy

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

BATCH: 2019-23

ACADEMIC YEAR: 2022-23

W.E.F.: 5/12/22

IV YEAR - II SEMESTER TIME TABLE

ACADEMIC YEAR:2022-23					W.E.F.:5/12/22			
DAY /TIME	1	2	3	4	5	6	7	
	09:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-1:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M
MON	BDA	BDA	AM	AM	PROJECT WORK			
TUE	MOB	BDA	AM	AM				
WED	BDA	BDA	AM	MOB	LUNCH			
THU	BDA	PROJECT WORK						
FRI	PROJECT WORK				PROJECT WORK			
SAT	PROJECT WORK							
SUBJECT CODE					NAME OF THE SUBJECT		NAME OF THE FACULTY	
BDA					BIG DATA ANALYTICS		R.BANGARI	
AM					ADVANCED MATERIALS		M.PRAKASH	
MOB					MANAGEMENT AND ORGANIZATIONAL BEHAVIOUR		T.RAMANA	
VAC					CYBER SECURITY		K.YASODHA KRISHNA	

V. Khanna Kumar
 SIGNATURE OF TIME TABLE I/C



Dr. D.V. Rama Murthy

[Signature]
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SPOC, IQAC
 SITAM, GAJULAREGA
 VIZIANAGARAM, AP, INDIA

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SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF MANAGEMENT STUDIES

MBA II YEAR-IV SEMESTER TIME TABLE

ACADEMIC YEAR: 2022-23

W.E.F:13-03-2023



PERIODS	1	2	3	4	12:40P.M- 01:30P.M	5	6	7
	09:20A.M- 10:10A.M	10:10A.M- 11:00A.M	11:00A.M- 11:50A.M	11:50A.M- 12:40P.M		01:30P.M- 02:20P.M	02:20P.M- 03:10P.M	03:10P.M- 04:00P.M
MON	I&E	SFM/SHRM	SCMA	BF/ER&E	L U N C H	GFM/IHRM		Sports
TUE	SCMA	E&I	GFM/IHRM	SFM/SHRM		GFM/IHRM	COUNSELLING	LIBRARY
WED	I&E	FD/HRD		SCMA		BF/ER&E		I&E
THU	SFM/SHRM	GFM/IHRM	SCMA	I&E		SFM/SHRM		COUNSELLING
FRI	BF/ER&E		FD/HRD			B-CLUB		

COURSE CO	SUBJECT NAME	FACULTY CODE	FACULTY NAME
C-401	SUPPLY CHAIN MANAGEMENT AND ANALYTICS	PRK	Dr.P.RAVI KUMAR
C-402	INNOVATION AND ENTREPRENEURSHIP	YD	Mrs.Y.DEEPIKA
EH-402	INTERNATIONAL HRM	NP	Mr.N .PRUDHVI
EH-403	EMPLOYEE RELATION AND ENGAGEMENT	MP	Ms.M.PRASANNA
EH-404	HUMAN RESOURCES DEVELOPMENT	BJ	Mrs.B.JYOTHI
EH-405	STRATEGIC HRM	SV	Dr.S.VAROODHINI
EF-401	FINANCIAL DERIVATIVES	CHG	Mrs.CH.GAYATHRI
EF-402	GLOBAL FINANCIAL MANAGEMENT	CHG	Mrs.CH.GAYATHRI
EF-404	STRATEGIC FINANCIAL MANAGEMENT	ALP	Mrs. A.L.PRIYANKA
EF-405	BEHAVIOURAL FINANCE	TR	Mr.T.RAMANA
	B-CLUB	CHG,BJ	Mrs.CH.GAYATHRI,B.JYOTHI

[Signature]

SIGNATURE OF THE COORDINATOR

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GITAM GAJULAREGA
VIZIANAGARAM, A.P. INDIA

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DEPARTMENT OF MANAGEMENT STUDIES

MBA I YEAR-II SEMESTER TIME TABLE

ACADEMIC YEAR: 2022-23 W.E.F: 20-03-2023

PERIODS	1 09:20A.M- 10:10A.M	2 10:10A.M- 11:00A.M	3 11:00A.M- 11:50A.M	4 11:50A.M- 12:40P.M	12:40P.M- 01:30P.M	5 01:30P.M- 02:20P.M	6 02:20P.M- 03:10P.M	7 03:10P.M- 04:00P.M
MON	PM	HRM	MM	OM	L U N C H	BRM	PM	
TUE	PM	BRM	BRM	OM		MM	HRM	SPORTS
WED	FM	HRM	MM			MM	OM	COUN
THU	BRM	R programming				PM	LIB	
FRI	FM	HRM	OM			B CLUB		
SAT								

CODE	SUBJECT NAME	FACULTY CODE	FACULTY NAME
MB1921	FINANCIAL MANAGEMENT	ALP	Mrs A.L PRIYANKA
MB1922	HUMAN RESOURCE MANAGEMENT	MP	Ms.M.PRASANNA
MB1923	MARKETING MANAGEMENT	SV	Dr.S.VAROODHINI
MB1924	OPERATIONS MANAGEMENT	GVRK	MRS.Y.DEEPIKA
MB1925	BUSINESS RESEARCH METHODS	VV	Mrs.VASANTA
MB192A	PROJECT MANAGEMENT TECHNOLOGY	BK	MR.N.prudhvi
	R PROGRAMMING LAB	MB	RATNA KUMARI
	BUSINESS COMMUNICATION CLUB		Y.D,CH.G,B.J

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TIME TABLE MBA IIEAR ISEM W.E.F 1-8-2023

PERIOD S	1 09:20A.M-10:10A.M	2 10:10A.M-11:00A.M	3 11:00A.M-11:50A.M	4 11:50A.M-12:40P.M	12:40P.M-01:30P.M	5 01:30P.M-02:20P.M	6 02:20P.M-03:10P.M	7 03:10P.M-04:00P.M
MON	TAX	FMS	SM	IAPM	LUNCH	MBFI	OR	OR
TUE	IAPM	SM	MBFI	TAX		TAX	FMS	SPORTS
WED	TAX	IAPM	SM	SS		B-CLUB		
THU	OR	OR	TAX	SS		FMS	IAPM	MBFI
FRI	OR	MBFI	FMS	SM		COUN	COUN	LIB

SI.NO	SUBJECT NAME	FACULTY CODE	FACULTY NAME
1	TAXATION	MR. TR	T.RAMANA
2	FINANCIAL MARKETS AND SERVICES	MRS. DY	Y.DEEPIKA
3	MANAGING BANKS AND FINANCIAL INSTITUTIONS	MRS. CH.G	CH.GAYATHRI
4	STRATEGIC MANAGEMENT	MRS.BJ	B.JYOTHI
5	OPERATIONS RESEARCH	MRS. CH.K	CH.KANCHANA
6	INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT	MRS. ALP	A.L.PRIYANKA
7	B-CLUB	M.P,CH.G,B.J	M.PRASANNA,CH.GAYA TRI,B.JYOTHI



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HUMANITIES AND BASIC SCIENCES

2022-23(I SEM) FACULTY WISE WORKLOAD

Sl No	Name of the Faculty	Subject/Lab Handled	Year& Branch	Work Load	TOTAL	Signature of Faculty
1	Dr K.SREELATHA	MATHEMATICS-I	I CSE-A	6	12	
		MATHEMATICS-IV	II CIVIL	6		
2	Dr B.SRINIVAS	MATHEMATICS-I	I ECE	6	17	
		MATHEMATICS-I	I MECH,EEE & I CIVIL	6		
		OPERATION RESEARCH	II MBA	5		
3	Dr G.SRICHANDANA	MATHEMATICS-I	I AI&DS	6	17	
		MATHEMATICS-IV	IV EEE	6		
		MATHEMATICS-I	I ECE	5		
4	Mrs D.VASANTA VICHIKALA	MATHEMATICS-III	II-ECE	6	18	
		QUANTITATIVE ANALYSIS AND BUSINESS DECISIONS	I MBA	6		
		MATHEMATICS-II	I EEE	6		
5	Lt M.VARALAKSHMI	APPLIED CHEMISTRY	I ECE	6	17 +3 20	
		APPLIED CHEMISTRY LAB	I ECE	6		
		APPLIED CHEMISTRY	I DVOC	5		
		ENVIRONMENTAL SCIENCE	I AI&DS	3		

6	Mrs J.S.SAILAJA	ENVIRONMENTAL SCIENCE	I MEC	3	18	<i>Praps</i>
		APPLIED CHEMISTRY	I AI&DS	6		
		APPLIED CHEMISTRY LAB	I AI&DS	6		
		APPLIED CHEMISTRY LAB	I DVOC	3		
7	Sri K.GOPALAKRUSINA	COMMUNICATIVE ENGLISH	I AI&DS	5	16	<i>CS</i>
		COMMUNICATIVE ENGLISH LAB	I AI&DS	5		
		COMMUNICATIVE ENGLISH LAB	I CSE	6		
8	Sri K.VENKATESWARA RAO	COMMUNICATIVE ENGLISH	I CSE	5	16	<i>RR</i>
		ENGLISH	I DVOC	5		
		COMMUNICATIVE ENGLISH LAB	I CSE	6		
9	Sri G.RAVI PRASAD	APPLIED PHYSICS	I CSE	6	18	<i>Cap</i>
		APPLIED PHYSICS LAB	I CSE	6		
		APPLIED PHYSICS LAB	I CIVIL & I MECH	6		
10	Ms K.RUPAVATHI	ENGINEERING PHYSICS	I CIVIL & I MECH	6	24	<i>Dup</i>
		ENGINEERING PHYSICS LAB	I CIVIL & I MECH	6		
		APPLIED PHYSICS LAB	I CSE	6		
		APPLIED PHYSICS	I DVOC	3		
		APPLIED PHYSICS LAB	I DVOC	3		
		APPLIED PHYSICS LAB	I DVOC	3		
11	Mr A.ANILKUMAR	BASIC MATHEMATICS	I DVOC	5	18	<i>Ar</i>
		MATHEMATICS-III	II CSE	5		
		MATHEMATICS-III	II MECH	5		
		MATHEMATICS-I (TUTORIAL)	I AI&DS, I ECE	2		
		MATHEMATICS-II (TUTORIAL)	I EEE(M-II)	1		
12	Mr A.SRINIVASA RAO	QUANTITATIVE MATHEMATICAL METHODS	I BBA	5	19	<i>Srinivas</i>
		MATHEMATICS-III	II AI&DS	5		
		MATHEMATICS-III	II CIVIL	5		
		MATHEMATICS-I (TUTORIAL)	I CSE-A, I CSE-B, IMECH, CIV	3		
		MATHEMATICS-I (TUTORIAL)	I EEE	1		


 Head of the Department
 Dept. of Basic Sciences & Humanities
 Salya Institute of Technology and
 Management, Vizianagaram



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2022-23-I Semester Teaching Load

Dept. of Faculty	Name of Faculty	Dept.	Subject	Periods per week	Signature of Faculty
CIVIL	Dr. RAVI KISHORE	CIVIL	FLUID MECHANICS	6	
		CIVIL	SKILL ADVANCED COURSE	5	
	Weekly load for RAVI KISHORE			11	
CIVIL	Mrs. M. BHARGAVI	CIVIL	BASICS OF CIVIL ENGINEERING WORKSHOP	6	
		CIVIL	SURVEYING & GEOMETRICS	6	
		CIVIL	SURVEYING FIELD WORK-I	3	
		CIVIL	SURVEY CAMP (FIELD WORK)	3	
	Weekly load for M. BHARGAVI			18	
CIVIL	Mr. B H S Sai Prasanth	CIVIL	GEOTECHNICAL ENGINEERING-I	6	
		CIVIL	GEOTECHNICAL ENGINEERING LAB	6	
		CIVIL	GEOTECHNICAL ENGINEERING-II	3	
		CIVIL	GEOTECHNICAL ENGINEERING LAB	3	
	Weekly load for B H S Sai Prasanth			19	
CIVIL	Mr. P Sarath	CIVIL	STRUCTURAL ANALYSIS	6	
		CIVIL	SURVEY CAMP (FIELD WORK)	6	
		CIVIL	PROJECT MANAGEMENT	5	
	Weekly load for P Sarath			17	
CIVIL	Mr. V S N Murthy	CIVIL	ENGINEERING GEOLOGY	5	
		CIVIL	ENVIRONMENTAL IMPACT ASSESSMENT	5	
		CIVIL	INDUSTRIAL WASTE WATER TREATMENT	5	
	Weekly load for V S N Murthy			15	
CIVIL	Mr. G. Goutham Kumar	CIVIL	ENVIRONMENTAL IMPACT ASSESSMENT	5	
		CIVIL	GEOTECHNICAL ENGINEERING LAB	6	
		CIVIL	STEEL DESIGN AND DRAWING OF STEEL STRUCTURES	6	
	Weekly load for G. Goutham Kumar			17	



C. G. H.

P. V. Rama Murthy
Principal

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Civil	Mrs. V. Naga Sindhuja	Civil	HIGHWAY ENGINEERING	5	Su
		Civil	CONCRETE TECHNOLOGY LAB	3	
		Civil	REMOTE SENSING & GIS APPLICATIONS	5	
		Civil	RS&GIS LAB	5	
	Weekly load for V Naga Sindhuja			18	
	Mrs. K. Gayatri Kiran	Civil	STRENGTH OF MATERIALS I	6	GR
		Civil	HIGHWAY ENGINEERING LAB	3	
		Civil	SKILL ORIENTED COURSE	3	
		Civil	DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES	6	
	Weekly load for K. Gayatri Kiran			18	

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DEPARTMENT OF CIVIL ENGINEERING

2022-23- II SEMESTER WORKLOAD

SEMESTER-EVEN

ACADEMIC YEAR-2022-23

Sl No	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
1	Dr. G. Ravi Kumar	WATER RESOURCE ENGINEERING-II	BCE	6	
		HYDRAULIC AND HYDRAULIC MACHINERY	BCE	6	
TOTAL WORKLOAD				12	
2	Mr. M. Bhargavi	ENVIRONMENTAL ENGINEERING	BCE	6	
		ENVIRONMENTAL ENGINEERING LAB	BCE	3	
		ESTIMATION, COSTING AND CONTRACTS LAB	BCE	3	
		BASICS OF CIVIL ENGINEERING WORKSHOP	BCE	3	
TOTAL WORKLOAD				15	
3	Mr. BRS. Prasad	GROUND IMPROVEMENT TECHNIQUES	BCE	6	
		GEOTECHNICAL ENGINEERING-II	BCE	6	
		REMOTE SENSING AND GIS LAB	BCE	3	
TOTAL WORKLOAD				15	
4	Mr. P. Sarath	ADVANCED STRUCTURAL ANALYSIS	BCE	6	
		SKILL ADVANCED COURSE	BCE	3	
		CIVIL ENGINEERING PRACTISE	BCE	3	
		STRENGTH OF MATERIALS LAB	BCE	3	
TOTAL WORKLOAD				15	



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Sl No	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
5	Mr. G. Goudam Kumar	DESIGN AND DRAWING OF STEEL STRUCTURES CIVIL ENGINEERING PRACTISE ESTIMATION, COSTING AND CONTRACTS	III CE III CE III CE	6 3 5	G. G. V.
TOTAL WORK LOAD				14	
6	Ms. VNS Sridhara	ESTIMATION SPECIFICATION AND CONTRACTS REMOTE SENSING AND GIS REMOTE SENSING AND GIS LAB	IV CE III CE III CE	6 6 3	S.N.
TOTAL WORKLOAD				15	
7	Mr. K. Gopanti Kumar	SKILL ADVANCED COURSE STRENGTH OF MATERIALS II FIELD MECHANICS AND HYDRAULIC MACHINERY LAB SKILL ORIENTED COURSE	III CE III CE III CE III CE	3 6 3 3	G.V.
TOTAL WORKLOAD				15	
8	Ms. VNS Murthy	BROAD SAFETY ENGINEERING ENGINEERING GEOLOGY ENGINEERING GEOLOGY LAB	IV CE ICE ICE	6 5 3	V.N.
TOTAL WORKLOAD				14	

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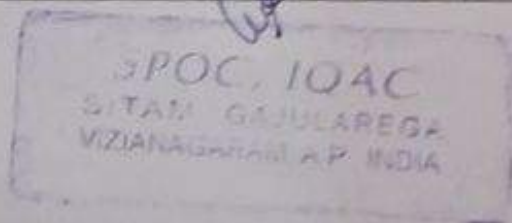
DEPARTMENT OF MECHANICAL ENGINEERING

2022-23- I SEMESTER SUBJECT ALLOCATION - FACULTY WISE


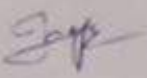

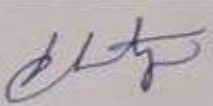
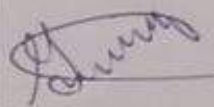
ACADEMIC YEAR: 2022-23

SEMESTER-ODD

Sl No	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
1	CH.V. Lakshmi	Production Technology	II ME	5	
		Production Planning & Control	IV ME	5	
		Drafting and Modelling Lab(2)	II ME	6	
		TOTAL WORKLOAD		16	
2	CH.V.M. Prasad	Engineering Drawing	I ECE	6	
		Engineering Drawing	I EEE	6	
		Machine tools lab	III MECH	3	
		TOTAL WORK LOAD		15	
3	S. Prasanth	MEMS	IV ME	5	
		Design of Machine Members-I	III ME	5	
		Drafting and Modelling Lab	II ME	6	
		TOTAL WORK LOAD		16	
4	Dr. P. Shreenivasa Rao	Kinematics of Machinery	II ME	5	
		Production technology lab	III ME	6	
		Engineering Drawing	I ME & I CIV	6	
		TOTAL WORK LOAD		17	

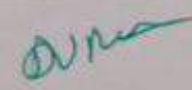


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	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
5	N. Murali Krishna	Industrial Management	IV ME	5	
		Machining machine tools and metrology	III ME	5	
		Machine tools lab	III ME	6	
TOTAL WORK LOAD				16	
6	M. Jaya Prakash	Advanced Materials	III ME	5	
		Mechanics of Solids	II ME	5	
		Finite element simulation lab	IV ME	6	
TOTAL WORKLOAD				16	
7	K.E.Jagadish	Finite Element Methods	IV ME	5	
		Operation Research	III ME	5	
		Finite element simulation lab	IV ME	3	
TOTAL WORKLOAD				13	
8	D. Chaitanya	Power plant engineering	IV ME	5	
		Fluid Mechanics and Hydraulic Machines	II ME	5	
		FMHM Lab	II ME	3	
TOTAL WORKLOAD				13	
9	G Surya chandra	FMHM Lab	II ME	3	
		Thermal Engineering -2	III ME	5	
		Thermal Engineering Lab	III ME	6	
TOTAL WORKLOAD				14	



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DEPARTMENT OF MECHANICAL ENGINEERING

2022-23- II SEMESTER SUBJECT ALLOCATION - FACULTY WISE


ACADEMIC YEAR-2022-23


SEMESTER-EVEN


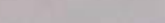

Sl No	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
1	CH.V. Lakshmi	DYNAMICS OF MACHINERY	II ME	5	
		PYTHON PROGRAMMING	II ME	6	
	TOTAL WORKLOAD				11

2	CH.V.M. Prasad	HEAT TRANSFER	III ME	5	
		ENGINEERING MECHANICS	I ME & I CE	6	
		HEAT TRANSFER LAB	III ME	6	
TOTAL WORK LOAD				17	

3	S. Prasanth	DESIGN OF MACHINE MEMBERS-II	III ME	5	S. Prasanth
		ROBOTIC	IV ME	5	
		THEORY OF MACHINES LAB	II ME	6	
TOTAL WORK LOAD				16	

4	Dr. P. Shreenivasa Rao	RESEARCH METHODOLOGY & IPR	III ME	3	
		MACHINE DRAWING PRACTICE	II ME	6	
		MEASUREMENTS & METROLOGY LAB	III ME	6	
TOTAL WORK LOAD				15	

Sl No	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
5	N. Murali Krishna	ENTREPRENEURSHIP DEVELOPMENT	IV ME	5	
		INDUSTRIAL ENGG AND MANAGEMENT	III ME	5	
		ENGINEERING WORKSHOP	I ME	6	
TOTAL WORK LOAD				16	

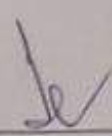
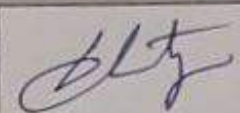
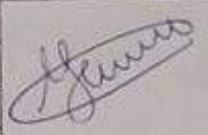
6	 M. Jaya Prakash	NON DESTRUCTIVE TESTING	IV ME	5	  Dr. D. Samir Principal
		CAD/CAM	III ME	5	
		MOS & METALLURGY LAB	II ME	6	
		CAD/CAM LAB (2)	III ME	3	
		TOTAL WORKLOAD			


TOTAL QUALITY MANAGEMENT			IV ME	5	
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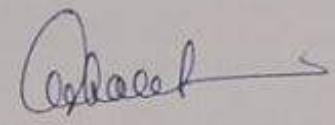
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7	K.E.Jagadish	MATERIAL SCIENCE AND ENGINEERING	II ME	5	
		PYTHON PROGRAMMING	II ME	6	
		MOS & METALLURGY LAB (2)	II ME	6	
		TOTAL WORKLOAD		17	
8	D. Chaitanya	ADDITIVE MANUFACTURING	IV ME	5	
		THERMAL ENGINEERING -I	II ME	6	
		CAD/CAM LAB	III ME	3	
		HEAT TRANSFER LAB (2)	III ME	3	
		TOTAL WORKLOAD		17	
9	G SURYA	AUTOMOBILE ENGINEERING	III ME	5	
		MACHINE DRAWING PRACTICE (2)	II ME	6	
		TOTAL WORKLOAD		11	


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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23 (II SEM) FACULTY WISE WORKLOAD

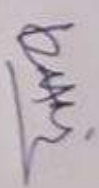

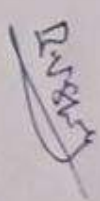


DATE: 05-12-2022

Sl No	Name of the Faculty	Subject/Lab Handled	Year& Branch	Work Load	Signature of Faculty
1	Dr. T.D.V.A. Naidu	Electronic Circuit Analysis	II-ECE	5	
		Electronic Circuit Analysis Lab(1)	II-ECE	6	
		ARM based/Ardino based Programming(2)	III-ECE	6	
		TOTAL WORKLOAD			
2	Smt V.N. Sreenitha	Digital Signal Processing	III-ECE	5	
		Linear Integrated Circuits	II-DVOC(VMC)	5	
		Digital Signal Processing Lab(1)	III-ECE	6	
		Analog Communications Lab(2)	II-ECE	6	
TOTAL WORK LOAD				22	
3	Smt V Srinitha	Analog Communications	II-ECE	5	
		Communication Systems-II	II-DVOC(VMC)	5	
		Analog Communications Lab(1)	II-ECE	6	
		Digital Signal Processing Lab(2)	III-ECE	6	
TOTAL WORKLOAD				22	
Sri D.Srinivasa Rao		Wireless Communication (Pr-5)	IV-ECE	5	
		Microprocessors and Micro controllers	III-DVOC(VMC)	5	
		Microprocessor and Microcontrollers Lab(1)	III-ECE	6	
		Microprocessor and Microcontrollers Lab(2)	III-ECE	6	
TOTAL WORK LOAD				22	
Sri M.Srinivasa Rao		Microprocessor and Microcontrollers	III-ECE	5	
		Microprocessor and Microcontrollers	III-ECE	5	
		Microprocessor and Microcontrollers Lab(1)	III-ECE	6	
		Microprocessor and Microcontrollers Lab(2)	III-ECE	6	
TOTAL WORKLOAD				22	

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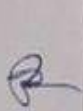
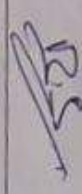


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6	Sri K. Han Krishna	Embedded Systems (PTE)	IV-ECE	3	
		Embedded Systems (OE)	IV-ESE	3	
		Internet of Things Lab (1)	IV-ECE	3	
		Electronic Devices and Circuits Lab (2)	II-ECE	6	
TOTAL WORKLOAD				19	
7	Smt D. Vijaya Sri	Random Variables and Stochastic Processes	II-ECE	3	
		Digital Image and Video Processing	IV-ECE	3	
		Digital Communications Lab (1)	III-ECE	6	
		Microwave and Optical Communication Engineering Lab (2)	IV-ECE	3	
TOTAL WORKLOAD				19	
8	Smt B. V. S. L Jyothi	Electromagnetic Waves and Transmission Lines	III-ECE	3	
		Digital Electronics	II-DVOC(VMC)	3	
		Digital Electronics Lab (1)	II-DVOC(VMC)	3	
		Electronic Devices and Circuits Lab (2)	II-EEE	6	
TOTAL WORKLOAD				19	
9	Smt B. Vijaya	Electronic Devices and Circuits	II-EEE	3	
		Advanced Digital Signal Processing	IV-ECE	3	
		Electronic Devices and Circuits Lab (1)	II-EEE	6	
		Data Communication & OFC lab (2)	III-DVOC(VMC)	3	
TOTAL WORKLOAD				19	
10	B. Somya	Basic Electronics - II	III-DVOC(VER)	3	
		Linear & Digital IC Applications Laboratory(1)	IV-EEE	3	
		Data Communication & OFC lab (1)	III-DVOC(VMC)	3	
		TOTAL WORKLOAD		11	

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6	Sri K.Hari Kishore	Embedded Systems (PE-2)	III-ECE	5	
		Digital Logic Design	III-CSE	5	
		ARM based assembly based Programming(1)	III-ECE	6	
		VLSI Design Lab(2)	III-ECE	6	
TOTAL WORKLOAD				22	
7	Sri D.Vijaya Sri	Digital IC Design	II-ECE	5	
		Basics of Mobile Communications	II-DVOC(VMC)	5	
		Digital IC Design Lab(1)	II-ECE	6	
		Digital Electronics Lab(2)	II-EEE	6	
TOTAL WORKLOAD				22	
8	Sri M.Harsha	Digital Electronics	II-EEE	5	
		Digital Logic Design	I AI&DS	5	
		Digital Electronics Lab(1)	II-EEE	6	
		Digital IC Design Lab(2)	II-ECE	6	
TOTAL WORKLOAD				22	
9	Sri R. Vijaya	VLSI Design	III-ECE	5	
		Basics of Electrical and Electronics	I MECH	5	
		VLSI Design Lab(1)	III-ECE	6	
		Electronic Circuit Analysis Lab(2)	II-ECE	6	
TOTAL WORKLOAD				22	
10	B. Sowmya	Hardware Repair-II	III-DVOC(VMC)	5	
		Microcontrollers Lab(1)	III-DVOC(VMC)	3	
		Trainer Technician-II (1)	III-DVOC(VMC)	3	
		TOTAL WORKLOAD		11	

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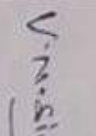

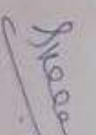
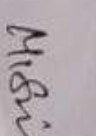
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ELECTRONICS AND COMMUNICATION ENGINEERING

2022-23 SEM I FACULTY WISE WORKLOAD

DATE: 27-06-2022

Sl No	Faculty	Subject/Lab Handled	Year & Branch	Work Load	Signature of Faculty
1	Dr. T.D.V.A. Naidu	Electronic Devices and Circuits	II-ECE	5	
		Electronic Devices and Circuits Lab (1)	II-ECE	6	
		Internet of Things Lab (2)	IV-ECE	3	
		TOTAL WORKLOAD			
2	Smt V.N. Sreenidhi	Digital Communications	III-ECE	5	
		Signals and Systems	II-ECE	5	
		Digital Communications Lab (2)	III-ECE	6	
		Switching Theory and Logic Design Lab (2)	II-ECE	6	
		TOTAL WORKLOAD			
3	Smt V. Sreenidhi	Switching Theory and Logic Design	II-ECE	5	
		Electronic Measurements and Instrumentation (PEC)	III-ECE	5	
		Switching Theory and Logic Design Lab (1)	II-ECE	6	
		Digital Electronics Lab (2)	II-DVOC(VMC)	3	
		TOTAL WORKLOAD			
4	Smt D. Sreenidhi	Analog ICs and Applications	III-ECE	5	
		Data Communication & OFC	III-DVOC(VMC)	5	
		Analog ICs and Applications Lab (1)	III-ECE	6	
		Linear & Digital IC Applications Laboratory (2)	IV-ECE	3	
		TOTAL WORKLOAD			
5	Dr. Smt. P. Sreenidhi	Microprocessor and Optical Communication Engineering	IV-ECE	5	
		Communication Systems-I	II-DVOC(VMC)	5	
		Microprocessors and Optical Communication Engineering Lab (1)	IV-ECE	3	
		Analog ICs and Applications Lab (2)	III-ECE	6	
		TOTAL WORKLOAD			

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject Allocation for the Academic Year 2022-23 (Sem-I)

S.No.	Name of the Faculty	Work Loads	Branch	Year & Sem.	Week Load	Total	Signature
1	Dr. J. Siva Reddy	Cybersecurity and Network Security	CSE	4-1	3	14	J. Siva Reddy
		Programming for Problem solving Using C Lab	CSE/IS	3-1	3		
		Programming for Problem solving Using C Lab	CSE/IS	3-1	3		
		Programming for Problem solving Using C Lab	AI&DS	1-1	3		
2	Dr. G. Venk. Madhava Reddy	Programming for Problem solving Using C	CSE/IS	3-1	3	16	G. Venk. Madhava Reddy
		Programming for Problem solving Using C Lab	CSE/IS	3-1	3		
		Programming for Problem solving Using C	CSE/IS	3-1	3		
		Programming for Problem solving Using C Lab	CSE/IS	3-1	3		
3	Mr. M. Madhu Babu	Database Management Systems	AI&DS	2-1	5	24	M. Madhu Babu
		Database Management Systems lab	AI&DS	2-1	3		
		Data Warehousing and Data Mining	CSE	3-1	5		
		Data Warehousing and Data Mining lab	CSE	3-1	3		
		Programming for Problem solving Using C	AI&DS	1-1	5		
		Programming for Problem solving Using C Lab	AI&DS	2-1	3		
4	Mr. T. Anji Kumar	Computer Networks	CSE	3-1	5	19	T. Anji Kumar
		Computer Networks lab	CSE	3-1	3		
		Data Communications and Computer Networks	ECE	4-1	5		
		Database Management Systems lab	AI&DS	2-1	3		
		Introduction to Artificial Intelligence and Data Science lab	AI&DS	2-1	3		
5	Mr. K. Yasoda Krishna	Internet of Things	AI&DS	3-1	5	16	K. Yasoda Krishna
		Internet of Things	CSE	4-1	5		
		Software Engineering Lab	CSE	2-1	3		
		UML lab	CSE	4-1	3		
6	Mr. Y. Divyesh	Introduction to Artificial Intelligence and Data Science	AI&DS	2-1	5	19	Y. Divyesh
		Introduction to Artificial Intelligence and Data Science lab	AI&DS	2-1	3		
		Artificial Intelligence	CSE	3-1	5		
		Computer Networks lab	CSE	3-1	3		
		Object Oriented Programming through C++ LAB	CSE	2-1	3		
7	Mr. D. Ashish	Software Engineering	CSE	2-1	5	14	D. Ashish
		Software Engineering Lab	CSE	2-1	3		
		Continuous Integration and Continuous Delivery using Dev Ops	CSE	3-1	3		
		Continuous Integration and Continuous Delivery using Dev Ops	AI&DS	3-1	3		
8	Mr. G. Sridhar	Operating Systems	CSE	2-1	5	19	G. Sridhar
		Operating Systems Lab	CSE	2-1	3		
		Operating Systems	AI&DS	3-1	5		
		Operating Systems and Compiler design lab	AI&DS	3-1	3		
		Web Application Development using Full stack	CSE	2-1	3		
9	Ms. R. Swetha	Web Application Development using Full stack	CSE	2-1	3	27	R. Swetha
		Compiler Design	AI&DS	3-1	5		
		Operating Systems and Compiler design lab	AI&DS	3-1	3		
		Programming for Problem solving Using C	EEE	1-1	5		
		Programming for Problem solving Using C Lab	EEE	1-1	3		
		Programming for Problem solving Using C	MECH	1-1	5		
		Programming for Problem solving Using C Lab	MECH	1-1	3		



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10	Mr. T. Praveen	UML & Design Patterns							
		UML Lab	CSE	4-1	5				
		Data Warehousing and Data Mining lab	CSE	4-1	4				
		OOPs through JAVA Lab	CSE	2-1	3			14	V. Ramana
11	Mr. R. Bangari	Object Oriented Programming through C++	CSE	2-1	5				
		Object Oriented Programming through C++ LAB	CSE	2-1	3				
		Design and Analysis of Algorithms	CSE	2-1	5			16	P. Sangeetha
		Mobile App Development Lab	AI&DS	2-1	3				
12	Ms. A. Sophia	Continuous Integration and Continuous Delivery using Dev Ops	AI&DS	2-1	3				
		Cyber Security and Forensics	CSE	4-1	5				
		Continuous Integration and Continuous Delivery using Dev Ops	CSE	2-1	3			14	A. Sophia
		Python Programming Lab	CSE	2-1	3				
13	Ms. B. Priyanka	Machine Learning							
		Machine Learning Lab	AI&DS	2-1	5				
		Machine Learning	AI&DS	2-1	3				
		Python Programming Lab	CSE	4-1	5			19	B. Priyanka
		Object Oriented Programming with java lab	CSE	2-1	3				
14	Mr. V. Kiran Kumar	Mobile App Development Lab							
		OOPs through JAVA Lab	AI&DS	2-1	3				
		OOPs through JAVA	CSE	2-1	3				
		OOPs through JAVA	CSE	2-1	5			16	V. Kiran Kumar
15	Mr. J. Gayathri	Object Oriented Programming with java							
		Object Oriented Programming with java Lab	AI&DS	2-1	5				
		Data Structures	AI&DS	2-1	3				
		Data Structures through java Lab	CSE	2-1	5				
		Programming for Problem solving Using C	CSE	2-1	3				
		Programming for Problem solving Using C Lab	CSE	1-1	5			27	J. Gayathri
		Machine Learning Lab	CSE	1-1	3				
16	Ms. E. Sravya	Mathematical Foundations of Computer Science							
		Mathematical Foundations of Computer Science	CSE	2-1	5				
		Data Structures through Java Lab	AI&DS	2-1	5				
		Programming for Problem solving Using C Lab	CSE	2-1	3			18	E. Sravya

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Gajulaneega, Vizianagaram



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject Allocation for the Academic Year 2022-23-Sem-II

S.No.	Name of the Faculty	Work Loads	Branch	Year & Sem	Work Load	Total	Signature
1	Dr.R.Venu Madhava Rao	Data Structures	CSE(A)	1-2	5	16	R.Venu
		Data Structures Lab	CSE(A)	1-2	3		
		Data Structures	CSE(B)	1-2	5		
		Data Structures Lab	CSE(B)	1-2	3		
2	Mr.M.Madhu Babu	Data warehousing and Mining	A&DS	2-2	5	22	M.Madhu Babu
		Data Mining lab using python	A&DS	2-2	3		
		Data Structures	A&DS	1-2	5		
		Data Structures Lab	A&DS	1-2	3		
		R Programming Lab	CSE	2-2	3		
		R Programming Lab	A&DS	2-2	3		
3	Mr.T.Anji Kumar	Cryptography and Network Security	CSE	3-2	5	22	T.Anji Kumar
		Cryptography and Network Security Lab	CSE	3-2	3		
		Computer Networks	A&DS	3-2	5		
		Computer Networks Lab	A&DS	3-2	3		
		Web Application Development Using Full Stack	CSE	2-2	3		
		Web Application Development Lab	A&DS	2-2	3		
4	Mr.K.Yasoda Krishna	Machine Learning	EEE	3-2	5	20	K.Yasoda Krishna
		Web Technologies	EEE	4-2	5		
		Object Oriented Programming Through Java	ECE	1-2	5		
		Compiler Design Lab	CSE	3-2	3		
		Advanced Cyber Security (VAC)	CSE	4-2	2		
5	Mr.Y.Dinesh	Big Data Analytics	A&DS	3-2	5	22	Y.Dinesh
		Big Data Analytics Lab	A&DS	3-2	3		
		Big Data Analytics	CSE	3-2	5		
		Mean Stack Technologies	CSE	3-2	3		
		Machine Learning using Python Lab	CSE	3-2	3		
		Artificial Intelligence & Machine Learning Lab	MECH	3-2	3		
6	Mr.D.Avinash	Mean Stack Technologies	A&DS	3-2	3	16	D.Avinash
		Software Project Management	A&DS	3-2	5		
		Cryptography and Network Security Lab	CSE	3-2	3		
		Computer Networks Lab	A&DS	3-2	3		
		Real Time Operating System (VAC)	CSE	3-2	2		
7	Mr.G.Sridhar	Database Management Systems	CSE	2-2	5	22	G.Sridhar
		Database Management Systems Lab	CSE	2-2	3		
		Python Programming	A&DS	1-2	5		
		Python Programming Lab	A&DS	1-2	3		
		Data Structures Lab	CSE(A)	1-2	3		
		Data Structures Lab	CSE(B)	1-2	3		
8	Ms.R.Swetha	Compiler Design	CSE	3-2	5	22	R.Swetha
		Compiler Design Lab	CSE	3-2	3		
		Programming for Problem Solving Using C	CIVIL	1-2	5		
		Programming for Problem Solving Using C Lab	CIVIL	1-2	3		
		Java Programming Lab	CSE	2-2	3		
		Python Programming Lab	EEE	2-2	3		
9	Mr.X.Praveen	MongoDB	A&DS	2-2	3	16	X.Praveen
		Deep Learning with Tensor Flow	A&DS	3-2	3		
		Cyber Security and Cryptography	ECE	4-2	5		
		Mean Stack Technologies	A&DS	3-2	3		
		Programming, Data Structures and Algorithms using Python (VAC)	A&DS	2-2	2		

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10	Mr.R.Bangari	Design and Analysis of Algorithms	AI&DS	1-2	5	20	R.Bangari
		Big Data Analytics	CSE	4-2	5		
		Data Structures Through C	EEE	1-2	5		
		Data Structures Through C Lab	EEE	1-2	3		
		Real Time Operating System (VAC)	AI&DS	3-2	2		
11	Ms.A.Sophia	Computer Networks	EEE	3-2	5	18	A.Sophia
		Computer Networks	ECE	3-2	5		
		MongoDB	AI&DS	2-2	3		
		Deep Learning with Tensor flow	AI&DS	3-2	3		
		Programming, Data Structures and Algorithms using Python (VAC)	CSE	2-2	2		
12	Ms.B.Priyanka	Machine Learning	CSE	3-2	5	22	B.Priyanka
		Machine Learning using Python Lab	CSE	3-2	3		
		Artificial Intelligence & Machine Learning	MECH	3-2	5		
		Artificial Intelligence & Machine Learning Lab	MECH	3-2	3		
		Data Mining lab using python	AI&DS	2-2	3		
		Data Structures Lab	AI&DS	1-2	3		
13	Mr.V.Kiran Kumar	Java Programming	CSE	2-2	5	22	V.Kiran Kumar
		Java Programming Lab	CSE	2-2	3		
		Python Programming	EEE	2-2	5		
		Python Programming Lab	EEE	2-2	3		
		Database Management Systems Lab	CSE	2-2	3		
		Python Programming Lab	AI&DS	1-2	3		
14	Mr.I.Gayathri	Web Application Development Using Full Stack	CSE	2-2	3	22	I.Gayathri
		Computer Organization	AI&DS	2-2	5		
		Web Application Development Lab	AI&DS	2-2	3		
		Computer Organization	CSE	1-2	5		
		Big Data Analytics Lab	AI&DS	3-2	3		
		Mean Stack Technologies	CSE	3-2	3		
15	Ms.E.Sravya	Formal Languages and Automata Theory	CSE	2-2	5	16	E.Sravya
		R Programming Lab	CSE	2-2	3		
		Formal Languages and Automata Theory	AI&DS	2-2	5		
		R Programming Lab	AI&DS	2-2	3		
16	Ms.S.Ratna Kumari	IT Lab	MBA	2-2	3	8	S.Ratna
		E Commerce	BBA	2-2	2		
		Information Communication Technology	BBA	2-2	3		

HEAD OF THE DEPARTMENT

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DEPARTMENT OF MANAGEMENT STUDIES

SUBJECT ALLOCATION - FACULTY WISE

ACADEMIC YEAR 2022-23

DATE: 13-05-2023

Sl No	DEPT OF	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
1	MBA	DR.S.V.VARADHINI	STRATEGIC HUMAN RESOURCE MANAGEMENT	2-2 MBA	4	
			MARKETING MANAGEMENT	1-2 MBA	4	
			TOTAL WORKLOAD		8	

2	MBA	DR.P.V.JAYAKUMAR	SUPPLY CHAIN MANAGEMENT AND ANALYTICS	2-2MBA	4	
			TOTAL WORK LOAD		4	

3	MBA	Mrs.A.L.PRIYANKA	STRATEGIC FINANCIAL MANAGEMENT	2-2 MBA	4	
			FINANCIAL MANAGEMENT	1-2 MBA	4	
			TOTAL WORK LOAD		8	

4	MBA	Mr.T.RAMANA	BEHAVIOURAL FINANCE	2-2 MBA	4	
			BUSINESS RESEARCH METHODS	1-2 MBA	4	
			MANAGEMENT AND ORGANISATION BEHAVIOUR	4-2 CSC	5	
			TOTAL WORK LOAD		13	

5	MBA	Mr.M.Prasanna	EMPLOYEE RELATION AND ENGAGEMENT	2-2MBA	4	
			HUMAN RESOURCE MANAGEMENT	1-2MBA	4	
			TOTAL WORK LOAD		8	

6	MBA	Mrs.Y.Deepika	INNOVATION AND ENTREPRENEURSHIP	2-2 MBA	4	
			OPERATIONS MANAGEMENT	1-2 MBA	4	
			TOTAL WORK LOAD		8	

Sl No		Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
7	MBA		INTERNATIONAL HUMAN RESOURCE MANAGEMENT	2-2 MBA	4	
			PROJECT MANAGEMENT TECHNOLOGY	1-2MBA	4	
			TOTAL WORK LOAD		8	

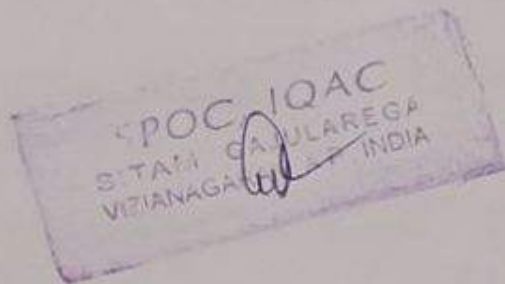
8	MBA		HUMAN RESOURCE DEVELOPMENT	2-2 MBA	4	
			MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2-2 EEE	5	
			MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTS	2-2 CSC	5	
			MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTS	2-2 AI&DS	5	
			TOTAL WORK LOAD		19	

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			FINANCIAL DERIVATIVES	2-2 MBA	5	<i>el cyph</i>
			GLOBAL FINANCIAL MANAGEMENT	2-2 MBA	4	
			MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2-2 CIVIL	5	
			TOTAL WORK LOAD		13	

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DEPARTMENT OF MANAGEMENT STUDIES

SUBJECT ALLOCATION - FACULTY WISE

ACADEMIC YEAR 2022-23

DATE: 23.01.2023

Sl No	DEPT OF FACULTY	Name of the Faculty	Subject/Lab Assigned	Year & Branch	Work Load	Signature of Faculty
1	MBA	DR.S.V. VARADHINI	HUMAN RESOURCE METRICS AND ANALYTICS	2-1 MBA	4	Vest
			TOTAL WORKLOAD		4	
2	MBA	Ms. T. RAMANA	TAXATION	2-1 MBA	4	
			TOTAL WORKLOAD		4	
3	MBA	Ms. M. Prameela	MANPOWER PLANNING, RECRUITMENT AND SELECTION	2-1 MBA	4	MP
					4	
			TOTAL WORKLOAD		4	
4	MBA	Ms. Y. Deepika	FINANCIAL MARKETS AND SERVICES	2-1 MBA	4	Deepika
			PERFORMANCE EVALUATION AND COMPENSATION MANAGEMENT	2-1 MBA	4	
			TOTAL WORKLOAD		8	
5	MBA	Mr. N. Pradeep	LEADER SHIP AND CHANGE MANAGEMENT	2-1 MBA	4	NP
			TOTAL WORKLOAD		4	
6	MBA	Ms. B. JYOTHI	STRATEGIC MANAGEMENT	2-1 MBA	4	B.B
			TOTAL WORKLOAD		4	
7	MBA	Ms. C. GAYATHRI	MANAGING BANKS AND FINANCIAL INSTITUTIONS	2-1 MBA	4	Ch. Gayathri
			TOTAL WORKLOAD		4	
8	B&BS	Ch. SANTHANA	OPERATIONS RESEARCH	2-1 MBA	4	
			TOTAL WORKLOAD		4	

Dr. O. V. Rama Murthy
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