

N V Degree College Kalaburagi
Department of Electronics
B.Sc. I Sem. : Session Plan – 2023-24
Title : ELE-CT1: Electronic Devices and Circuits

Staff : Prof. Bharati S.R. & Prof. Gurudatta P Kulkarni

Total 60 Hours

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	Electronic Components: Electronic passive and active components, types and their properties, Concept of Voltage and Current Sources, electric energy and power. (Qualitative only) Network Theorems: Superposition, Thevenin's, Norton's, Maximum power Transfer, and Reciprocity Theorems DC and AC analysis of RC and RL circuits, RLC series and parallel Resonant Circuits. PN Junctions diode: Ideal and practical diodes, Formation of Depletion Layer, Diode Equation and I-V characteristics. Idea of static and dynamic resistance, Zener diode, Reverse saturation current, Zener and avalanche breakdown. Rectifiers – Half wave and Full wave (center tap and bridge) rectifiers, expressions for output voltage, ripple factor and efficiency (mention only), Shunt capacitor filter. (Numerical examples wherever applicable).	Traditional	R.S. Sedha, "A Text book of Applied Electronics"	Unit Test
2	15 Hours	Voltage regulator: Block diagram of regulated power supply, Line and Load regulation, Zener diode as voltage regulator – circuit diagram, load and line regulation, disadvantages. Fixed and Variable IC Voltage Regulators (78xx, 79xx, LM317), Clippers (shunt type) and clampers (Qualitative analysis only), voltage Multipliers. Bipolar Junction Transistor: Construction, types, CE, CB and CC configurations (mention only), VI characteristics of a transistor in CE mode, Regions of operations (active, cutoff and saturation), leakage currents (mention only), Current gains α , β and γ and their inter – relations, dc load line and Q point. Applications of transistor as amplifier and switch – circuit and working. (Numerical examples wherever applicable).	Traditional	Robert L Boylestad "Introductory circuit analysis"	Unit Test
3	15 Hours	Transistor biasing and Stabilization circuits – Fixed Bias and Voltage Divider Bias. Thermal runaway, stability factor. Transistor as a two – port network, h-parameter equivalent circuit. Amplifier: Small signal analysis of single stage CE amplifier using h-parameters. Input and Output impedances. Current and Voltage gains. Advantages of CC amplifier. Class A, B and C Amplifiers (qualitative). Types of coupling. Two stage RC Coupled Amplifier – circuit, working and its frequency Response, loading effect, GBW product, Darlington transistor, Current gain. Special semiconductor diodes: Varactor diode, Schottky diode, Tunnel diode, construction, characteristics, working, symbol, and applications for each LED, LCD and solar cell – construction, operation and applications, 7-segment display, concept of common anode and common cathode types. (Numerical problems, wherever applicable).	Traditional	R.S. Sedha, "A Text book of Applied Electronics"	Unit Test
4	15 Hours	Number system: Decimal, Binary, Octal and Hexadecimal number systems, base conversions. Representation of signed and unsigned numbers, Binary arithmetic; addition, subtraction by 1's and 2's complement method, BCD code (8421, 2421, Excess-3), Gray code, error checking and correction codes (only parity check). Boolean Algebra: Constants, variables, operators, basic logic gates – AND, OR, NOT, positive and negative logic, Boolean laws, Duality Theorem, De Morgan's Theorem, simplification of Boolean expressions- SOP and POS. Derived logic gates (NAND, NOR, XOR & XNOR). Universal property of NOR and NAND gates. (Numerical examples wherever applicable).	Traditional	Thomas L. Floyd "Digital Fundamental"	Unit Test

Session Plan Electronics

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. I Sem. : Session Plan – 2023-24
Title : ELE-OE 1.1: Domestic Equipment Maintenance

Department of Electronics
N.V. Arts, Sri Kanhayalal Malu Science
Dr. Pandurangrao Patki College of Commerce
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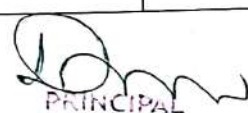
Staff : Prof. Bharati S.R. & Prof. Gurudatta P Kulkarni

Total 60 Hours

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	<p>Geyser: Construction and working, parts and manufacturing process, types. Common faults and their troubleshooting: Dripping geyser overflow, overheating, steam or hot water escaping from overflow, water leaking through the ceiling, no hot water, water not hot enough, poor hot water pressure. Induction cooker: Construction and working, parts and manufacturing process, types.</p> <p>Common faults and their troubleshooting: Cooker fuse blown, cooker buttons not working, cook top shuts off while cooking, food not get cooked or heated properly, overheating and uneven heating, display keep flashing, weird noises-crackling, fan noise, humming sound, clicking.</p> <p>Microwave Oven: Working, raw material and manufacturing process, types, common faults and their troubleshooting: Microwave does not heat, runs then stops, buttons do not work, plate do not spin, bulb does not turn ON during operation, sparking inside, shuts OFF after few seconds.</p>	Traditional	R.G. Gupta "Electronic instruments and systems: Principles, maintenance and troubleshooting"	Unit Test
2	15 Hours	<p>Refrigerator: Working, raw material and manufacturing process, electrical wiring diagram, types of refrigerator. Common faults and their troubleshooting: fridge not cooling, fridge not defrosting, leaking water, freezing food light not working, freezer is cooled but fridge stays warm, dead refrigerator, not enough cooling, keeps running, leakage, makes noise. Replacement procedure for: seal (gasket), evaporator fan motor, PTC relay, thermostat, compressor, bulb.</p> <p>Air Conditioner: Working, raw material and manufacturing process, electrical wiring diagram, types. Common Faults and their troubleshooting: Faults in following parts of AC: Filter, thermostat, refrigerant leaks, breakers, capacitors, compressor, evaporator coils, condenser coils, warm contactor. General faults: AC unit has an odour, shuts ON and OFF repeatedly, does not blow cold air, repeatedly tripping a circuit breaker, indoor unit is leaking water inside the room, outdoor unit is making an unusually loud sound, room is not getting cold enough, AC not turning ON.</p>	Traditional	Khandpur "Modern electronic Equipments"	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. II Sem. : Session Plan – 2023-24
Title : ELE-CT 2: Analog and Digital Electronics

Department of Electronics
N.V. Arts, Sri Kenhayal Malu Science &
Dr. Pandurangrao Patki College of Commerce
KALABURAGI-585 103

Staff : Prof. Bharati S.R. & Prof. Gurudatta P Kulkarni

Total 60 Hours


Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	JEET-Types channel and n-channel, working and I-V characteristics –n-channel JFET, parameters and their relationships, Comparison of BJT and JFET. MOSFET: E-MOSFET, D-MOSFET- D-MOSFET – n-Channel and p-channel, Construction, working, symbols, biasing, drain and transfer characteristics, VMOS, UMOS Power MOSFETs, handling, MOS logic, symbols and switching action of MOS, NMOS inverter, CMOS logic, CMOS- inverter, circuit and working, CMOS characteristics, IGBT construction and working UJT-basic construction, working, equivalent circuit and I-V characteristics, intrinsic stand – off ratio, relaxation oscillator. SCR-Construction, VI characteristics, working, symbol, and applications – HWR and FWR Diac and Triac-construction, working, characteristics, applications, (Numerical examples wherever applicable)	Traditional	Boylestad, "Electronic devices and circuit theory"	Unit Test
2	15 Hours	Op-Amp: Differential Amplifier, Block diagram of Op-Amp, Characteristics of an Ideal and Practical Op-Amp, Open and closed loop configuration, Frequency Response, CMRR, Slew Rate and concept of Virtual Ground. Applications of op-amps: Concept of feedback, negative and positive feedback, advantages of negative feedback (Qualitative Study). Inverting and non-inverting amplifiers, Summing and Difference Amplifier, Differentiator, Integrator, Comparator and Zero-crossing detector. Filters: First and second order active low pass, high pass and bandpass Butterworth filters. Oscillators: Barkhausen criterion for sustained oscillations, Colpitt's oscillator and crystal oscillators using transistor, phase shift oscillator, Wien-bridge oscillator – (no derivation for each) IC 555 Timer: Introduction, Block diagram, Astable and Monostable multivibrator circuits. (Numerical Examples wherever applicable)	Traditional	R.A. Gayakwad "Op-Amps and Linear Integrated Circuit"	Unit Test
3	15 Hours	Logic Families: Pulse characteristics, Logic Families – classification of digital ICs. Characteristics of logic families, circuit description of TTL NAND gate with totem pole and open collector. TTL IC terminology. CMOS NAND, comparison of TTL and CMOS families. Combinational Logic Circuits: Minimisation techniques using K-maps – SOP and POS, Minterm, Maxterm, SSOP, Simplification of Boolean expressions, K-Map for 3 and 4 variable. Digital to Analog converter – DAC with binary weighted resistor and R – 2R resistor ladder network. Analog to Digital converter: Successive approximation method-performance characteristics.	Traditional	L. Floyd "Digital Fundamentals"	

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		Design of Arithmetic logic circuits: Half Adder, Full Adder, Half Subtractor, Full Subtractor. 4-bit parallel binary adder, 2-bit and 4-bit magnitude comparator. Encoder, decimal to BCD priority encoder. Decoder, 2:4 Decoder using AND gates, 3:8 decoder using NAND gates, BCD to decimal decoder, BCD to 7-Segment decoder, Multiplexer-4:1 and 8:1 multiplexer, Demultiplexer-1:4 and 1:8 demultiplexer- logic diagram and truth table of each, Realization of Full adder and Full subtractor using Mux and Decoder.			
4	15 Hours	Sequential Logic Circuits: Flip –Flops – SR Latch, RS, D and JK Flip – Flops. Clocked d(Level and Edge triggered) Flip-Flops. Preset and Clear operations. Race around conditions in JK Flip-Flop. Master- Slave JK and T Flip-Flops. Applications of Flip-Flops and semiconductor memories, RAM, ROM and types. Registers and Counters: Types of shift Registers, Serial-in serial-out, Serial-in-parallel-out, parallel-in serial-out and Parallel-in-Parallel-out Shift Registers (only up to 4 bits), applications. Ring counter, Johnson counter applications. Asynchronous. Counters: Logic diagram, Truth table and timing diagrams of 4 bit ripple counter, modulo-n counters, 4bit Up-Down counter, Synchronous Counter: 4-bit counter, Design of Mod 3, Mod 5 and decade counter, Synchronous Counter: 4-bit counter, Design of Mod 3, Mod 5 and decade Counters using K-maps.	Traditional	A.P Malvino "Digital Principles and Applications"	


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N V Degree College Kalaburagi
Department of Electronics
B.Sc. I Sem. : Session Plan – 2023-24
Title : ELE-OE 2.1: Consumer Electronics


Department of Electronics
N.V. Arts, Sri Kanhayalal Malu Science &
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Total 60 Hours

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	<p>Geyser: Construction and working, parts and manufacturing process, types. Common faults and their troubleshooting: Dripping geyser overflow, overheating, steam or hot water escaping from overflow, water leaking through the ceiling, no hot water, water not hot enough, poor hot water pressure. Induction cooker: Construction and working, parts and manufacturing process, types.</p> <p>Common faults and their troubleshooting: Cooker fuse blown, cooker buttons not working, cook top shuts off while cooking, food not get cooked or heated properly, overheating and uneven heating, display keep flashing, weird noises-crackling, fan noise, humming sound, clicking.</p> <p>Microwave Oven: Working, raw material and manufacturing process, types, common faults and their troubleshooting: Microwave does not heat, runs then stops, buttons do not work, plate do not spin, bulb does not turn ON during operation, sparking inside, shuts OFF after few seconds.</p>	Traditional	R.G. Gupta "Electronic instruments and systems: Principles, maintenance and troubleshooting"	Unit Test
2	15 Hours	<p>Refrigerator: Working, raw material and manufacturing process, electrical wiring diagram, types of refrigerator. Common faults and their troubleshooting: fridge not cooling, fridge not defrosting, leaking water, freezing food light not working, freezer is cooled but fridge stays warm, dead refrigerator, not enough cooling, keeps running, leakage, makes noise. Replacement procedure for: seal (gasket), evaporator fan motor, PTC relay, thermostat, compressor, bulb.</p> <p>Air Conditioner: Working, raw material and manufacturing process, electrical wiring diagram, types. Common Faults and their troubleshooting: Faults in following parts of AC: Filter, thermostat, refrigerant leaks, breakers, capacitors, compressor, evaporator coils, condenser coils, warm contactor. General faults: AC unit has an odour, shuts ON and OFF repeatedly, does not blow cold air, repeatedly tripping a circuit breaker, indoor unit is leaking water inside the room, outdoor unit is making an unusually loud sound, room is not getting cold enough, AC not turning ON.</p>	Traditional	Khandpur "Modern electronic Equipments"	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. III Sem Ele CT 3.1 - Session Plan – 2023-24
Title : Programming in C and Digital Design using Verilog

Department of Electronics
N.V. Arts, Sri Kenhayalal Malu Science &
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Staff : Prof. Bharati S.R. & Prof. Gurudatta P Kulkarni

Total 60 Hours

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	Unit -1: C programming: Introduction, Importance of C, Character set, Tokens, keywords, identifier, constants, basic data types, variables: declaration & assigning values. Structure of C program. Arithmetic operators, relational operators, assignment operators, increment and decrement operators, conditional operators, bitwise operators, expressions and evaluation of expressions, type cast operator, implicit conversions, precedence of operators. Arrays: Basics of arrays, declaration, accessing elements, storing elements, two dimensional and multi dimensional arrays. Input output statement – sprintf(c), scanf(c) and getch(c), and library functions (math and string related functions).	Traditional	"Programming in ANSI C" By E. Balagurusamy	Unit Test
2	15 Hours	Unit -2: Decision making, branching, and looping: if, if –else, else-if, switch statement, break, for loop, while loop and do loop. Functions: Defining functions, function arguments and passing, returning values from functions, example programs. Pointers: Pointer declaration, assigning values to pointers, pointer arithmetic, array names used as pointers, pointers used as arrays, pointers and text strings, pointers as function parameters. Structures: Structure type declarations, structure declarations, referencing, structure members, referencing whole structures, initialization of structures, structure bit fields.	Traditional	"Programming in C" By P.B. Kottur	Unit Test
3	15 Hours	Unit -3: Overview of Verilog HDL: Evolution of CAD, emergence of HDLs, Hierarchical Modeling Concepts: Top – down and bottom –up design methodology, differences between modules and module instances, parts of a simulation, design block, stimulus block, Lexical conventions. Data types, system tasks, compiler directives. Modules and Ports: Module definition, port declaration, connecting ports, hierarchical name referencing. Gate – Level Modelling: Modelling using basic Verilog gate primitives, Description of and / or and buf/ not type gates, Rise, fall and turn – off delays, min, max, and typical delays, combinational logic circuit design using Gate level modeling.	Traditional	"Verilog HDL" A Guide to Digital Design and Synthesis By Samir Palnitkar	Unit Test
4	15 Hours	Unit -4: Dataflow Modelling: Continuous assignments, delay specification, expressions, operators, operands, operator types. Behavioral Modelling: Structured procedures, initial and always, blocking and non-blocking statements. Delay control, generate statement, event control, conditional statements, Multiway branching, loops, sequential and parallel blocks. Tasks and functions: Differences between tasks and functions, declaration, invocation, automatic tasks and functions. Combinational and sequential logic circuit design using all three modeling.	Traditional	"Design through Verilog HDL" By Padmanabhan and Tripura Sundari	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. IV Sem. Ele CT 4.1 : Session Plan – 2023-24
Title : Electronic Communication–I

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Total 60 Hours

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	Unit- 1: Electronic communication: Introduction to communication – means and modes. Need for modulation. Block diagram of an electronic communication system Brief idea of frequency allocation for radio communication system in India (TRAI). Electromagnetic communication spectrum, band designations and usage. Channels and base-band signals. Concept of Noise, signal –to-noise (S/N) ratio. Propagation of "EM" Wave: Introduction, Loss of "EM" Energy due to noise, Ground Wave, Sky-wave and Space-wave propagation. Ionosphere and its effects. Communication medium: Transmission lines, coaxial cables, wave guides and optical fibres. Antenna: Introduction, Antenna parameters, Ferrite rod antenna, yagi-Uda antenna, Dish-antenna, principle, Working and applications only.	Traditional	Electronic Communications By D.Rody and J. Coolen	Unit Test
2	15 Hours	Unit- 2: Analog Modulation: Amplitude Modulation, modulation index and frequency spectrum. Generation of AM (Emitter Modulation), Amplitude Demodulation (diode detector), Concept of single side band generation and detection. Frequency Modulation (FM) and Phase Modulation (PM), modulation index and frequency spectrum, equivalence between FM and PM, Generation of FM using VCO, FM detector (slope detector), qualitative idea of super heterodyne receiver. Analog Pulse Modulation: Channel capacity, sampling theorem, Basic Principles – PAM, PWM, PPM, modulation and detection technique for PAM only, Multiplexing.	Traditional	Modern Digital and Analog Communication By B.P. Lathi	Unit Test
3	15 Hours	Unit- 3: Digital Pulse Modulation: Need for digital transmission, Pulse Code Modulation, Digital Carrier Modulation Techniques. Introduction to Communication and Navigation systems: Satellite Communication Introduction, need, geosynchronous satellite orbits, geostationary satellite advantages of geostationary satellites. Satellite visibility, transponders (C-Band), path loss, ground station, simplified block diagram of earth station. Uplink and downlink.	Traditional	Advanced Electronic communication system By Tomisi	Unit Test
4	15 Hours	Unit- 4: Optical Fiber Communication: Optical Fibers: Structure and wave guides, fundamentals, Nature of light, basic optical laws and definitions, optical fiber types, Rays and modes, ray optics. Signal degradation in optical fibers, attenuation, scattering losses, radiative losses, absorption losses, core and cladding losses, signal distortion in optical wave guides, group delay, dispersion, pulse broadening in graded index wave guide. Optical Sources: LEDs, structure, source materials, Laser diodes: Structures, threshold conditions, modal properties and radiation patterns. Optical Receiver Operations: Fundamental receiver operations, digital signal transmission, receiver noise, analog receivers.	Traditional	Optical Fibre Communication By Gerd Keiser	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. V Sem DSC-ELE 51 : Session Plan – 2023-24
Title : COMMUNICATION II

Department of Electronics
N.V. Arts, Sri Kenhayalal Malu Science &
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Total 60 Hours

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	15 Hours	Accuracy and precision. Significant figures. Error and uncertainty analysis. Shielding and grounding. Electromagnetic Interference Basic Measurement Instruments: DC measurement-ammeter, voltmeter, ohm meter. AC measurement, Digital voltmeter systems (integrating and non-integrating). Digital Multimeter. Block diagram principle of measurement of I. V. C. Accuracy and resolution of measurement. Measurement of Impedance- A.C. bridges, Measurement of Self Inductance (Anderson's bridge). Measurement of Capacitance (De Measurement of frequency (Wien's bridge).	Traditional	Instrumentation and Measurement Systems By Nakara and Chowdhary	Unit Test
2	15 Hours	Block Diagram. CRT. Vertical Deflection: Deflection. Screens for CRT, Oscilloscope probes, measurement of voltage. frequency and phase by Oscilloscope. Digital Storage Oscilloscopes. LCD display for instrumen LOCK-In-amplifier: Basic Principles of phase locked loop (PLL). Phase detector (XOR & edge triggered), Voltage Controlled Oscillator (Basics, varactor). lock and capture.	Traditional	Electronic Instrumentation and Measurement Techniques By W.D. Cooper	Unit Test
3	15 Hours	Basic idea of PLL IC (565 or 4046). Lock-in-amplifier, Idea of techniques for sum and averaging of signals. Signal Generators: Function generator. Pulse Generator, (Qualitative only). Virtual Instrumentation: Introduction. Interfacing techniques (RS 232, GPIB, USB). Idea about Audrino microcontroller and interfacing software like lab View).	Traditional	Instrumentation and Devices By S.Rangan, Mani & Sharma	Unit Test
4	15 Hours	Transducers: Classification of transducers, Basic requirement characteristics of transducers, Active and Passive transducers, Resistive (Potentiometer- Theory, temperature compensation & applications). Capacitive (variable air gap type). Inductive (LVDT) & piezoelectric transducers. Measurement of temperature (RTD. semiconductor IC sensors), Light transducers (photo resistors & photovoltaic cells).	Traditional	Instrumentation and Measurement Systems By Nakara and Chowdhary	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. V Sem DSC-ELE52 : Session Plan – 2023-24
Title : Embedded Controllers

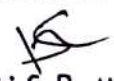
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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	07 Hours	Basic Electricity Principles: Voltage, Current, Resistance, and Power. Ohm's law. Series, parallel, and series-parallel combinations. AC and DC Electricity Familiarization with multimeter, voltmeter and ammeter. Electrical Circuits: Basic electric circuit elements and their combination. Generators and Transformers: DC Power sources. AC/DC generators. Inductance, capacitance, and impedance. Operation and types of transformers. Electric Motors: Single-phase, three-phase & DC motors. Basic design. Interfacing DC or AC sources to control heaters & motors. Speed & power of ac motor.	Traditional	A Text Book in Electrical Technology By B.L. Theraja	Unit Test
2	08 Hours	Solid-State Devices: Resistors, inductors and capacitors, Diode and rectifiers. Components in Series or in shunt. Response of inductors and capacitors with DC or AC sources. Electrical Protection: Relays. Fuses and disconnect switches (SPST, SPDT, DPST and DPDT). Circuit breakers. Overload devices. Ground-fault protection. Grounding and isolating. Phase reversal. Surge protection. Relay protection device. Electrical Wiring: Different types of conductors and cables. Basics of wiring-Star and delta connection. Voltage drop and losses across cables and conductors. Instruments to measure current, voltage, power in DC and AC circuits, Insulation, Solid and stranded cable. Conduit. Cable trays. Splices: wire nuts, crimps, terminal blocks, and solder Preparation of extension board.	Traditional	A Text Book in Electrical Technology By A.K. Theraja	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. VI Sem DSC-61 : Session Plan – 2023-24
Title : Signals and Systems


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1	15 Hours	Photonic Devices Classification of photonic devices. Interaction of radiation and matter. Radiative transmission and optical absorption Light Emitting Diodes- Construction, materials and operation. Semiconductor Laser Condition for amplification, laser cavity. hetero-structure and quantum well devices. Charge carrier and photon confinement, line share function. Threshold current Laser diode.	Traditional	OptoElectronics & Photonics, By S.O Kasap	Unit Test
2	15 Hours	Photo detectors Photo conductor Photodiodes (p-i-n avalanche) and Photo transistors, quantum efficiency and responsively Photomultiplier tube Solar Cell : Construction working and characteristic ICD Display Types of liquid crystals Principle of Liquid Crystal Displays applications, advantages over ID displays	Traditional	OptoElectronics : An Introduction, By J.Wilson & J.F.B Hawkes,	Unit Test
3	15 Hours	Introduction to Fiber Optics: Evolution of fiber optic system Element of an Optical Fiber Transmission link-Ray Optics Optical Fiber Modes and Configuration Mode theory of Circular Wave guides Overview of Modes-Key Modal concepts Linearly Polarized Modes - Single Mode Fibers-Graded Index fiber structure	Traditional	Introduction to Fiber Optics By A.K. Ghatak & K Tyagrajan	Unit Test
4	15 Hours	Power Electronics Power Devices: Need for semiconductor power devices. Power MOSFET (Qualitative). Introduction to family of thyristors. Silicon Controlled Rectifier (SCR)- structure, I-V characteristics, Turn-On and Turn-Off characteristics. Ratings, Gate-triggering circuits. Diac and Triac - Basic structure, working and V-I characteristics. Application of Diac as a triggering device for Triac. Insulated Gate Bipolar Transistors (IGBT): Basic structure, I-V Characteristics, switching characteristics, device limitations and safe operating area (SOA)	Traditional	Power Electronics By M.D. Sing & K.B. Khanchandani	Unit Test

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N V Degree College Kalaburagi
Department of Electronics
B.Sc. VI Sem DSC-ELE63 : Session Plan – 2023-24
Title : Internet of Things

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method
1	07 Hours	Block Diagram of a Power Supply. Qualitative idea of C and I Filters, IC Regulators (78XX and 79XX). adjustable regulator IC LM317 and LM337. Idea of switched mode power supply (SMPS) and uninterruptible power supply (UPS). Applications of SCR: Phase controlled rectification, AC voltage control using SCR and Triac as a switch	Traditional	Electronic Devices and Circuits By David A Bel Power Electronics By P.C. Sen	Unit Test
2	08 Hours	Introduction to embedded system: Embedded systems and general purpose computer systems. Architecture of embedded system. Classifications, applications and purpose of embedded. Interfacing of 8051: LED, FND, relay, MUX, DE-MUX, Stepper motor, Logic inverter, ADC, DAC and sensor interfacing. Wave form generator: Sine, Square, Pulse, Triangular, Saw-tooth and Staircase Industrial applications of microcontroller.	Traditional	8051 Micro Controllers and Interfacing By Mazidi & Mazidi Op-Amps & Linear Integrated Electronics By Shail Jain & D.Roy Chowdhary	Unit Test


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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
POETRY 1	A Noiseless Patient	2	Traditional Method	"Literary Quest" by Gangadhar.R	Seminar & Assignment	Poemanalysis.com
	2	The Elgin Marbles	2	Traditional Method	"Literary Quest" by Gangadhar.R	Seminar & assignment Litcharts.com
	3	The Last of Princess	3	Traditional Method	"Literary Quest" by Gangadhar.R	Unit Test Poemanalysis.com
PROSE 1	On Shaking Hands	4	Traditional Method	"Literary Quest" by Gangadhar.R	Assignment	Litcharts.com
	2	The Diamond Necklace	5	Traditional Method	"Literary Quest" by Gangadhar.R	Unit Test Sparknotes.com
	3	My, Brother, My Brother	5	Traditional Method	"Literary Quest" by Gangadhar.R	seminars & Unit Test Gradesaver.com
GRAMMAR	Parts of Speech & Articles	6	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	Tenses	4	Traditional Method	Wren & Martin	Unit Test & Assignment	Britannica.com
	Words Used in Parts of Speech	3	Traditional Method	Wren & Martin	Assignment	Scoringtarget.com
	Functional Vocabulary	3	Traditional Method	Wren & Martin	Unit Test & Assignment	Study.com


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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
POETRY 1	The World is too much with Us	2	Traditional Method	"Literary Quest" byGangadhar.R	Assignment	Poemanalysis.com
	Prayer before birth	2	Traditional Method	"Literary Quest"	assignment	Litcharts.com
	Gandhi	3	Traditional Method	"Literary Quest"	Unit Test	Poemanalysis.com
PROSE 1	The Sparrows	4	Traditional Method	"Literary Quest"	Assignment	Litcharts.com
	An Astrologers Day	5	Traditional Method	"Literary Quest"	Unit Test	Sparknotes.com
	The Silence Behind Life	5	Traditional Method	"Literary Quest"	Seminars	Gradesaver.com
GRAMMAR	Correction of Errors	6	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	Combining Sentences	4	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	Use of Adverbs	3	Traditional Method	Wren & Martin	Assignment	Scoringtarget.com
	Dialogue Writing	3	Traditional Method	Wren & Martin	Assignment	Grammarly.com
	Short Speeches	3	Traditional Method	Wren & Martin	Assignment	Grammarly.com
	One Word Substitution	3	Traditional Method	Wren & Martin	Unit Test	Unacademy.com

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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
POETRY 1	All the world is stage	2	Traditional Method	Literary Feast"byGangadhar. R.Sthawarmath	Seminar & Assignment	Litcharts.com
2	I Had Gone for a Begging	3	Traditional Method	"Literary Feast"	assignment	
3	La Belle Dame sans Merci	3	Traditional Method	"Literary Feast"	Unit Test	Litcharts.com
PROSE 1	A woman on Platform No.8	4	Traditional Method	"Literary Feast"	Assignment	Gradesaver.com
2	A Room 10X8	5	Traditional Method	"Literary Feast"	Unit Test	Sparknotes.com
3	The two Gentleman of Verona	5	Traditional Method	Literary Feast"	Seminars	Gradesaver.com
GRAMMAR	Prefix and suffixes	3	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	Phrasal Verbs	3	Traditional Method	Wren & Martin	Unit Test & Assignment	Scoringtarget.com
	Active and Passive Voice	4	Traditional Method	Wren & Martin	Assignment	Study.com
	Direct and Indirect Speech	4	Traditional Method	Wren & Martin	Unit Test & Assignment	Britannica.com
	Letter writing	4	Traditional Method	Wren & Martin	Unit Test & Assignment	

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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
POETRY 1	The Scholar	3	Traditional Method	"Literary Feast" by Gangadhar.S	Seminar & Assignment	Poemanalysis.com
	2	Mending Wall	3	Traditional Method	"Literary Feast"	Litcharts.com
	3	In the Bazaars of Hyderabad	3	Traditional Method	"Literary Feast"	Poemanalysis.com
PROSE 1	Forgetting	4	Traditional Method	"Literary Feast"	Assignment	Litcharts.com
	2	Jimmy Valentine	5	Traditional Method	"Literary Feast"	Unit Test Sparknotes.com
	3	The Blue Carbuncle	5	Traditional Method	"Literary Feast"	Seminars & Unit Test Gradesaver.com
GRAMMAR	Idioms and Phrases	3	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	One-Word Substitution	3	Traditional Method	Wren & Martin	Unit Test & Assignment	Britannica.com
	Degrees of Comparison	4	Traditional Method	Wren & Martin	Assignment	Scoringtarget.com
	Transformation of Sentences	4	Traditional Method	Wren & Martin	Unit Test & Assignment	Study.com
	Expansion of an Idea	4	Traditional Method	Wren & Martin	Assignment	Study.com

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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
POETRY 1	Seven Ages of Man	2	Traditional Method	"Literary Vista"	Seminar & Assignment	Poemanalysis.com
	2	Death of a Leveller	2	Traditional Method	"Literary Vista"	Litcharts.com
	3	Night of a Scorpion	3	Traditional Method	"Literary Vista"	Poemanalysis.com
PROSE 1	Of Studies	4	Traditional Method	"Literary Vista"	Assignment	Litcharts.com
	2	The Fortune Teller	4	Traditional Method	"Literary Vista"	Sparknotes.com
	3	The Accompanist	5	Traditional Method	"Literary Vista"	Gradesaver.com
GRAMMAR	Parts of Speech & Articles	6	Traditional Method	Wren & Martin	Unit Test	Britannica.com
	Tenses	4	Traditional Method	Wren & Martin	Unit Test & Assignment	Britannica.com
	Words Used in Parts of Speech	3	Traditional Method	Wren & Martin	Assignment	Scoringtarget.com
	Functional Vocabulary	3	Traditional Method	Wren & Martin	Unit Test & Assignment	Study.com

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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference	
POETRY 1	Sonnet 130	2	Traditional Method	literary vista	Assignment	Poemanalysis.com	
	2	Mending Wall	3	Traditional Method	literary vista	assignment	Litcharts.com
	3	Stammer	3	Traditional Method	literary vista	Unit Test	Poemanalysis.com
PROSE 1	The Eyes are not here	4	Traditional Method	literary vista	Assignment	Litcharts.com	
	2	The Kabuliwala	5	Traditional Method	literary vista	Unit Test	Sparknotes.com
	3	The Decolonizing Mind	5	Traditional Method	literary vista	Seminars	Gradesaver.com
GRAMMAR	Correction of Errors	6	Traditional Method	Wren & Martin	Unit Test	Britannica.com	
	Combining Sentences	4	Traditional Method	Wren & Martin	Unit Test	Britannica.com	
	Use of Adverbs	3	Traditional Method	Wren & Martin	Assignment	Scoringtarget.com	
	Dialogue Writing	3	Traditional Method	Wren & Martin	Assignment	Grammarly.com	
	Short Speeches	3	Traditional Method	Wren & Martin	Assignment	Grammarly.com	
	One Word Substitution	3	Traditional Method	Wren & Martin	Unit Test	Unacademy.com	

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Unit No.	Topic	Hours	Teaching Method	Reference	Assessment	Web Reference
Poetry	Just keep Quiet and Nobody will Notice	2	Traditional Method	"Literary Vista"	Assessment	Litcharts.com
	Cross	2	Traditional method	"Literary Vista"	Seminar	Gradesaver.com
	Once upon a Time	2	Traditional method	Literary Vista	Unit Test	Poemanalysis.com
Prose	Gift of Magi	4	Traditional method	Literary Vista	Assessment	Sparknotes.com
	Imp and The Crust	4	Traditional method	Literary Vista	Seminar	Litcharts.com
	Tattered Blanket	4	Traditional method	Literary Vista	Unit Test	Sparknotes.com
Grammar	Prefix and suffix	2	Traditional method	Wren and Martin	Assessment	
	Phrasal Verbs	2	Traditional method	"Grammar and Composition"	Exercises	
	Active voice and Passive voice	4	Traditional method	"Grammar and Composition"	Unit Test	
	Direct and Indirect Speech	5	Traditional method	"Grammar and Composition"	Assessment	
	Letter Writing	3	Traditional method	"Grammar and Composition"	Unit Test	

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Staff: Dr Sajida Tasneem

Unit	Topic	Hours	Teaching Method	Reference	Assessment	Web Reference
Poetry	Caged Bird	2	Traditional Method	"Literary View" by Rajshekhar.Y	Assignment	Theatre.emory.edu
	The Passionate shepherd	2	Traditional Method	Literary View" by Rajshekhar.Y	Seminar	Litcharts.com
	Vachana 1209	2	Traditional Method	Literary View" by Rajshekhar.Y	Unit Test	Exotic India
Prose	The Lament	4	Traditional Method	Literary View" by Rajshekhar.Y	Seminar	Litcharts.com
	On the Rule of the Road	5	Traditional Method	Literary View" by Rajshekhar	Assignment	Gradesaver.com
	Toba Tek Sing	5	Traditional Method	Literary View" by Rajshekhar	Unit Test	
Grammar	Idioms and Phrases	3	Traditional Method	Wren and Martin's "English Grammar and Composition".	Exercises	Grammarly.com
	One Word substitutions	2	Traditional Method	"English Grammar and Composition".	Exercises	Britannica.com
	Degrees of comparison	5	Traditional Method	Wren and Martin's "English Grammar and Composition".	Assignment	Study.com
	Transformation of sentences	5	Traditional Method		Unit Test	Britannica.com
	Expansion of an Idea	2	Traditional Method	"English Grammar and Composition"	Exercises	Study.com

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N.V.Degree College Kalaburagi
Department of English NEP Optional English Dsc paper A1
B.A. I. Sem. : Session Plan -2023 -24
Staff : Jyothi Degaonkar

Unit	Topic	Hours	Teaching Method	Reference	Assessment	Web Reference
I Introduction to Literature	What is literature ?- Defining Literature-why study literature ?	5	Traditional method	An Introduction to the study of Literature by Hudson	Assignment	wikipedia
	Literature and Society –Literature and Life	4	Traditional method	An Introduction to the study of Literature by Hudson	Assignment	
	Literature and Science – Canon – Element of Literature	5	Traditional method		Seminar	
II Literary Forms	Poetry: Lyric, Sonnet, Ballad, Epic, Elegy, Mock-Epic	5	Traditional method	Glossary Literary Terms by M H Abrams	Unit Test	
	Drama: Comedy, Tragedy, Tragic Comedy, One-act-play	5	Traditional method	Glossary Literary Terms by M H Abrams	Assignment	
	Prose: Novel, Novella, Short story, Essay, Biography, Autobiography	4	Traditional method	Glossary Literary Terms by M H Abrams	Seminar	
III Literary Terms and Figurative language	Couplet Heroic Couplet, Allegory, Alliteration, Assonance Refrain, aside, monologue, soliloquy, meta-fiction, plot, character, setting, narrative technique.	5	Traditional method	Glossary Literary Terms by M H Abrams	Seminar	e-books
	Fare, simile, metaphor, personification, hyperbole, satire, prologue, epilogue, Art for Art's sake, Expressionism, metre and metrical devices, Narratology, Romanticism, Canon.	4	Traditional method	Glossary Literary Terms by M H Abrams	Unit Test	
	Simile, Metaphor, personification, hyperbole, onomatopoeia, euphemism, irony, oxymoron, synecdoche, understatement paradox, allusion.	5	Traditional method	Glossary Literary Terms by M H Abrams	Assignment	

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Department of English NEP Optional English Dse Paper A2
B.A. I. Sem. : Session Plan -2023 -24 - Staff : Jyothi Degaonkar

Unit	Topic	Hours	Teaching Method	Reference	Assessment	Web Reference
I History of Indian English literature(Pre Independence period)	Nature and scope of Indian English Literature	3	Traditional Method	M.K Naik "A History of English Literature"	Assignment	Wikipedia.org
	Pre-Independence Indian English poetry, prose, Drama and Novel	5	Traditional Method	M.K Naik "A History of English Literature"	Assignment	
	Introducing authors/texts from pre-independence era	5	Traditional Method	M.K Naik "A History of English Literature"	Unit Test	
II Pre Independence fiction	Selection from Mulk Raj Anand- Untouchable	4	Traditional Method	Mulk Raj Anand's "Untouchable"	Seminar	
	Raja Rao's Kanthapura	4	Traditional Method	Raja Rao's Kanthapura	Assignment	ebooks.inflibnet.ac.in
	R.K Narayan's Krupabai Sathianadhan	4	Traditional Method	R.K Narayan Krupabai Sathianadhan	Assignment	
III Indian English Poetry, Short stories and Essays	Toru Dutt, Our Casuarinas Tree	2	Traditional Method	Makarandparanjape's Indian Poetry in English	Seminar	
Selected Poems	Sarojini Naidu, Coromandal Fishers	2	Traditional Method	Makarandparanjape's Indian Poetry in English	Unit Test	
	Henry Derozio -To India -My Native Land	3	Traditional Method	Makarandparanjape's Indian Poetry in English	Assignment	
Selected stories	Mulk Raj Anand, -Barber's Trade Union	3	Traditional Method	M.K Anand Barber's Trade Union	Assignment	
	Rabindranath Tagore- My Lord the Baby	3	Traditional Method	R.Tagore's My Lord the Baby	seminar	
	R.K Narayan, - A Horse and Two Goats	3	Traditional Method	R.K Narayan's A Horse and two goats	Assignment	
Selected Essays	M.K Gandhi - The Great Sentinel	3	Traditional Method	M.K Gandhi's The Great Sentinel	Assignment	Brainly.in
	Swami Vivekanand -'Chicago Address'	3	Traditional Method	Sami vivekanand's Chocago Address	Unit Test	
	B.R.Ambedkar -A Childhood journey to koregaon	4	Traditional Method	Waiting for Visa By Dr. BR Ambedkar	Assignment	

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Department of English NEP Optional English Paper A 3
B.A. II. Sem. : Session Plan -2023 –24 - Staff : Jyothi Degaonkar

Unit	Topic	Hours	Teaching Method	Reference	Assessment	Web Reference
I Introduction to phonetics and Linguistics	Language –its nature, definitions, characteristics features	4	Traditional method	Goldsmith, J. Phonology Theory	Assignment	Wikipedia
	Linguistics – Definitions, scope	4	Traditional method	Goldsmith, J. Phonology Theory	Unit Test	Wikipedia
	Branches of Linguistics	4	Traditional method	Goldsmith, J. Phonology Theory	Seminar	
II Phonetics and Phonology	Speech Mechanism, Organs of speech,	4	Traditional method	Radford, A Linguistics: An Introduction	Assignments	britannica.com
	Production of Speech sounds, Classification of speech sounds-vowels and consonants.	5	Traditional method	Radford, A Linguistics: An Introduction	Exercises	
	Transcription of words, word stress, phonemics-phone, allophone-phoneme.	5	Traditional method	Radford, A Linguistics: An Introduction	Exercises	
III Morphology, Syntax and Semantics and Lexicon	Morphology-Morph-word classes: lexical categories, functional categories, functional categories, the morphological properties of English verbs and building words: Allomorph-morpheme	5	Traditional method	Booij, G.E. The grammar words: An Introduction to Linguistic Morphology	Unit Test	e- Adhyayan
	Syntax-Types of Sentences- basic terminology; categories & functions, functions of clauses	5	Traditional method	Booij, G.E. The grammar words: An Introduction to Linguistic Morphology	Assignments	
	Semantics and Lexicon – word meaning: entailment and hyponymy, meaning opposites, semantic features, dictionaries & prototypes	5	Traditional method	Booij, G.E. The grammar words: An Introduction to Linguistic	Assignments	


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N.V.Degree College Kalaburagi
Department of English NEP Optional English Paper A 4
B.A. II. Sem. : Session Plan -2023 -24
Staff : Jyothi Degaonkar

Unit	Topic	Hrs	Teaching Method	Reference	Assessment	Web Reference
I History of Indian English Literature	Post- Independence (1947-1980) Indian English Poetry, Prose	4	Traditional Method	M.K. Naik History of Indian English Literature	Assignment	Wikipedia
	Post-Independence(1947-1980) Indian English drama and Novel	4	Traditional Method	M.K. Naik History of Indian English Literature	Assignment	
	Post-1980s Indian English literature	4	Traditional Method	M.K. Naik History of Indian English Literature	Seminar	
II Introducing writers of the post Independence era:	Kamala Das, Shashi Deshapande, Chaman, Nahal, Manohar Malgaonkar, Amitav Ghosh, K.A Abbas, Vikram Seth, Arundathi Roy, Arun Joshi, T.P Kailasam Girish Karnad.	5	Traditional Method	M.K. Naik History of Indian English Literature	Unit Test	Wikipedia
	Anita Desai, Manju kapur, Arvind Adiga, Chitra Banerjee divakaruni, Namitha Gokhle.	5	Traditional Method	M.K. Naik History of Indian English Literature	Assignment	
	Kiran Desai, Anita Nair, Mahesh Dattani, Sulman Rushdie, Ruskin Bond, Jeet Thuil, Sinithi Namjoshi, Arunkolatkar etc.	5	Traditional Method	M.K. Naik History of Indian English Literature	Seminar	
III Illustrative Texts	Syed Amanuddin -Don't Call Me Indo - Anglian	4	Traditional Method	Syed Amanuddin's Don't call me Indo Anglian	Assignment	e-books
	Kamala Das - An Introduction	3	Traditional Method	Kamala Das's An Introduction	Unit test	
	A.K. Ramanujan, Small Scale Reflection of a Great House	4	Traditional Method	A.K Ramanujan's small scale reflection of a great house.	Seminar	
	Nissim Ezekiel's Good bye Party to Miss Pushpa T S	2	Traditional Method	Nissim Ezekiel's Good bye Party to Miss Pushpa T S	Unit Test	
	Novel - Kushwant Sing's Train to Pakistan	6	Traditional Method	Kushwant sing's Train to Pakistan	Assignment	
	A short play : Mahesh Dattani's Seven Steps Around the Fire (Stage play)	6	Traditional Method	Mahesh Dattani's Seven steps Around the Fire	Seminar	

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Department of English NEP
B.A. III. Sem: Optional English Session Plan -2023 -24
Paper-5
Staff: Dr. Sajida Tasneem

UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
I	British Literature up to 1800	15	Traditional Method	"History of English Literature" by Satish Kumar	Seminar & Assignment	Wikipedia
II	Major Authors and Works	15	Traditional Method	"History of English Literature" by Satish Kumar	Seminar & assignment	Wikipedia
III Sonnets	Sonnet 18	3	Traditional Method	Poems of William Shakespeare	Unit Test	Poemanalysis.com
	On His Blindness	3	Traditional Method	Selected poems John Milton	Assignment	Litcharts.com
Lyrics	Lover's Infiniteness	3	Traditional Method	John Donne	Unit Test	Sparknotes.com
	A Poison Tree	3	Traditional Method	William Blake	Seminars & Unit Test	Gradesaver.com
Essays	Of Love	4	Traditional Method	Essays of Francis Bacon	Unit Test	
	Voyage to Liliput	5	Traditional Method		Unit Test & Assignment	Gradesaver.com
Play	Doctor Faustus	8	Traditional Method	Play of Christopher Marlowe	Assignment	Gradesaver.com

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Paper-6
Staff: Dr. Sajida Tasneem

UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
I	Introduction to Translation studies	15	Traditional Method	"Indian Literature in English Translation" by G.N.Devy	Seminar & Assignment	Wikipedia
II Translated Poems	Vachanas of Basavanna: No-59&97	6	Traditional Method	Basavanna's "Vachanas"	Assignment	Wikipedia
	Vachanas of Akkamahadevi: No-26&73	6	Traditional Method	Akkamahadevi's "Vachanas"	Unit Test	Poemanalysis.com
	Kanakadasa's "Do not quarrel over caste"	3	Traditional Method	Dr.S.G.Vaidya	Assignment	
	Songs of Sherrif "O Brother see the Temple's glory"	3	Traditional Method	Dr.S.G.Vaidya	Unit Test	Sparknotes.com
	Chemmeenn	8	Traditional Method	T.S.Pillai	Seminars & Unit Test	Gradesaver.com
UNIT III Novel Short stories	A Tale of two Oxen	4	Traditional Method	Premchand	Unit Test	Sparknotes.com
	The Weed	5	Traditional Method	Amrita Pritam	Unit Test & Assignment	Gradesaver.com
	A Tale of 1947	5	Traditional Method	Sadat Hasan Manto	Assignment	Gradesaver.com
	The Curd Seller	5	Traditional Method	Masti Venkatesh Iyengar	Seminar	Sparknotes.com

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Paper-7
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UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
I	British Literature 19 th & 20 th Century	15	Traditional Method	"History of English Literature" by Satish Kumar	Seminar & Assignment	Wikipedia
II	Representative Writers, Works, Trends	15	Traditional Method	"History of English Literature" by Satish Kumar	Seminar & assignment	Wikipedia
III Poems	Ode on Gracian Urn	3	Traditional Method	John Keats	Unit Test	Poemanalysis.com
	Dover Beach	3	Traditional Method	Selected poems Arnold	Assignment	Litcharts.com
	Journey of the Magi	3	Traditional Method	Eliot's collection of poems	Unit Test	Sparknotes.com
	Second Coming	3	Traditional Method	Yeats collection poems	Seminar	Gradesaver.com
Essays	Unto this Last	4	Traditional Method	John Ruskin	Unit Test	
	Enslaved by Civilization	4	Traditional Method	D.H. Lawrence	Assignment	Gradesaver.com
	On Letter Writing	4	Traditional Method	A.G. Gardiner	Assignment	Gradesaver.com
	With the photographer	4	Traditional Method	Stephen Leacock	Unit Test	Litcharts.com
Novel	Heart of Darkness	8	Traditional Method	Joseph Conrad	Assignment	Sparknotes.com

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N.V. Degree College Kalaburagi
Department of English NEP
B.A. IV. Sem: Optional English Session Plan -2023 -24
Paper-8 Staff: Dr. Sajida Tasneem

UNIT	TOPIC	Hours	Method of Teaching	Reference	Assessment	Web reference
I Gender Studies	Introduction to gender Studies:	15	Traditional Method	Gender Studies	Assignment	Wikipedia
	Concept & trends					
Essays	Sexual Politics	4	Traditional Method	Kate Millet	Assignment	Wikipedia
	The other side Silence	4	Traditional Method		Unit Test	Litcharts.com
	"Savitribai & India's Conversation on Education"	5	Traditional Method	Savitri Bai Phule	Assignment	Litcharts.com
	"Rudali"	4	Traditional Method	Mahashweta Devi	Seminar	Sparknotes.com
II Short Stories	"Runa"	5	Traditional Method	Sudha Murthy	Assignment	Gradesaver.com
	"Breaking Ties"	4	Traditional Method	Sara Abubakar	Unit Test	Litcharts.com
	Nine Indian Poets – An Anthology	6	Traditional Method	Eunice D' Souza	Seminar	Gradesaver.com
	"An Introduction"	4	Traditional Method	Kamala Das	Assignment	Gradesaver.com
	"Positive Thinking"	4	Traditional Method	Mamta Kalia	Seminar	Litcharts.com
	"Woman"	4	Traditional Method	Pate	Unit Test	Gradesaver.com
	"A Different History"	4	Traditional Method	Sujata Bhatt	Assignment	Sparknotes.com
III Text	"Down the Memory Lane"	6	Traditional Method	M.Y. Ghorpade	Unit Test	Litcharts.com

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ಕಲಬುರಗಿ - 585103 (ಕರ್ನಾಟಕ)



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Kalaburagi - 585 103 (Karnataka)

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Department of History

Session Plan – 2023-224

Class: B.A. I Sem. :

DSC-I Title : Political History of Karnataka (BCE -3 to 10 CE)

Staff : Dr.Hema Kulkarni

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1	4	Unit - 1 - Introduction Survey of sources- Pre historic culture	Traditional Method	Palaksha, B.S.Saliamath, B.P.Hoogar	Unit test	
	6	The Mauryas -Chandra Guptha Maurya- Bindusara-Asoka-The Satavahanas- Gautamiputra Satakarni - Kadmbas of Banavasi- Mayura Sharma-Land grants-Political institutions of Kadamba period.	Traditional Method	Palaksha, B.S.Saliamath, B.P.Hoogar	Seminars & Unit test	
	4	The Gangas of Talakad - Durvineetha -Sri Purusha-Rachamalla - Chavundaraya-The Nolambas of Henjeru.	Traditional Method	Palaksha, B.S.Saliamath, B.P.Hoogar	Seminars & Unit test	


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2	4	The Age of Empires Chalukyas of Badami - Pulikesin - II, Vinayaditya.	Tradition al Method - Group Discussio n			
	4	The rashtrakutas- Krishna 1-Govinda III, amoghavarsha	Tradition al Method - Group Discussio n	Palaksha, B.S.Saliamath, B.P.Hoogar	Seminars & Unit test	
		The Chalukyas of Kalyana :Tailapa-II- Vikramaditya VI Someshwara-III (CE176-CE1126) - Kalachuries of Kalyana - Bijalla-II				
3		Formation of State: Nature of State, Kingship - Duties and Functions of King and his Ministers-saptanga theory.	Tradition al Method - Group Discussio n			
		Central And Provincial Administration Ritulas and Sacrifices - Coronation ceremony- Rajasuya and vajapeya.	Tradition al Method - Group Discussio n			

Class: B.A. I Sem.

DSC -2 Title : Cultural Heritage of India

Staff : Dr.Hema Kulkarni

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1	14	Unit – 1 - Introduction Meaning, Definition Historical Cultural Heritage-Concepts, Characteristics-types of Indian Cultural Heritage: Tangible, Intangible, Oral and Living traditions. Significance - fairs, festivals, rituals: Regional, Folk, Tribal, National. Fairs: Religious, Folk, Animal, Monsoon; Ritual and Tirtha Kshetras Some important TirthaKshetras/Pilgrimage centers of India.	Traditional Method	Palaksha, B.S.Saliamath , B.P.Hoogar	Unit test	
2	14	Legends, Narratives and Cultural Ethos Meaning, significance, forms and tradition of legends. Ramayana and Mahabharata- Panchtantra, Jataka, Traditional Performing Art. Folk dances and theatre Bharata's Natya Shastra:	Traditional Method – Group Discussion	Palaksha, B.S.Saliamath , B.P.Hoogar	Seminars & Unit test	

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		The Source Texts on Performing Indian Indian Classical dances as Cultural Heritage. Oral Tradition and Performing Arts. Carnatic Music and Hindusthani Music				
3	14	Architecture and Built Heritage Meaning, Definition and Ideas of Built Heritage Important Monuments of India: Shore Temple (Mahabalipuram), Aihole. Badami, Pattadakal. Ajanta-Ellora. Important Monuments of India: Sarnath, Sanchi, Konark, Khajuraho, Hampi, Vijayanagar, Taj mahal, Red fort, Places of Historical importance: Delhi, Agra, Nalanda, Saranatha, Sanchi, Hampi, Badami, Mahabalipuram, Ajanta, Ellora, Prayaga, Varanasi, Ramaeshwaram, Dwaraka, Konark, Khajuraho	Traditional Method – Group Discussion	Palaksha, B.S.Saliatham, B.P.Hoogar K.L.Khurana	Seminars & Project Work	

Class: B.A. II Sem.

DSC -3 Title: Political History of Karnataka (CE11-1750 AD)

Staff : Dr. Hema Kulkarni


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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Chapter 1. The Hoysalas of Dwarasamudra: Chapter No. 2. The Yadavas of Devagiri: Chapter No. 3. The Seuanas	Traditional Method - Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Assignment	
2	14	Medieval Karnataka Chapter No. 4. Vijayanagar - Dynasties Chapter No. 5. The Bahamani States Chapter No. 6. Maratha rule in Karnataka-Shahaji-Shivaji and Peshwas.	Traditional Method - Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	TEST-1	
3	14	Post Vijayanagar Chapter No. 7. Wodeyars of Mysore: Nayakas of Chithradurg: Nayakas of Keladi Chapter No. 8. Minor Chieftains-Yalahanka nada prabhus, Sonda Nayakas Chapter No. 9. Administration under Vijayanagara -Nayankara system-Keladi Shivappa nayaka-Shistu.	Traditional Method - Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Seminars & Project Work	

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Class: B.A. II Sem.

DSC -4 Title : Cultural Heritage of Karnataka

Staff : Dr. Hema Kulkarni

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Chapter No. 1. Meaning, Definition and concepts Chapter No. 2. Characteristic features Chapter No. 3. Significance	Traditional Method – Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Assignment	
2	14	Unit-2 Fairs Festivals and Rituals 14 Chapter No. 4. Significance - Festivals - Fairs Chapter No. 5. Rituals and Tirtha kshetras Chapter No. 6.Legends and Narratives	Traditional Method – Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	TEST-1	
3	14	Unit-3 Performing Arts Chapter No. 7 Folk Dances and theatre Chapter No. 8. Oral Tradition Chapter No. 9 Architecture and Built Heritage	Traditional Method – Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Seminars & Project Work	

Class: B.A. III Sem

DSC -5 Title : Political History of India (From Indus Culture to 1206)

Staff : Smt. Soumya D

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-1 Towards Civilization - Harappan and Vedic Civilization Chapter-I Pre-Harappan cultures; -	Traditional Method – Group	Palaksha, B.S.Saliamath,	Assignment	

		extension of the Harappan culture- features of the Harappan sites; Harappa, Mohenjodaro, Lothal, Dholavira, Kalibangan Chapter-II Debate on the decline of Indus civilization, Debate on Harappan script: Iravatham Mahadevan - Askor Parpola	Discussion Map work	B.P.Hoogar K.L.Khurna		
2	14	UNIT-2 Socio-Political Formations in the Indo-Gangetic Plains Nature of state Chapter-IV Formation of urban centers- Mahajanapadas,- Oligarchies, Monarchies and Republics Chapter-V Material setting of the formation of Jainism and Buddhism, From Mahajanapadas to the empire- domination of Magadha- foundation of Mauryan polity, Chapter-VI Asokan Edicts and Megasthenes's Indica, Arthasasthra and early Indian treatise on the theory of state; Sapthanga - nature of Asoka's dhamma	Traditional Method – Group Discussion Map work	Palaksha, B.S.Saliamaath, B.P.Hoogar K.L.Khurna	TEST-1	
3	14	Chapter-VII Chera, Chola and Pandya polity- Chalukyan polity - Guptha polity. Chapter - VIII Debates on Indian feudalism; R.S Sharma, HerbasMukhiaSouth Indian feudalism Chapter -IX	Traditional Method – Group Discussion Map work	Palaksha, B.S.Saliamaath, B.P.Hoogar K.L.Khurna	Seminars & Project Work	

		Arab conquest of Sind- the Sultanate ascendancy in India.					
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Class: B.A. II Sem
DSC -6 Title : History and Culture of Kalyana
Staff : Smt Soumya D

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Unit -1 Introduction Geographical features of Kalyana Karnataka, Sources for the study of Kalyana Karnataka, Pre historic Sites: Sanganakallu, Piklihal and Nittur. The Mauryas and the Shatavahana's rule in Kalyana Karnataka, Rashtrakutas- Krishna I, Amoghavarsha Nrupatunga. The Chalukyas of Kalyan: Someshwara I, Vikramaditya VI; The Kalachuris: Bijjala II, Basaveshwara	Traditional Method Group Discussion Map work	Palaksha, B.S.Saliamat h, B.P.Hoogar K.L.Khurana	Assignment	
2	14	Vijayanagara Empire: The Sangamas-Devaraya II, The Tuluvas- Krishnadevaraya, Battle of Talikota; The Bahmanis- Mohammad Shaha III and Mahmood Gavan, The	Traditional Method Group Discussion Map work	Palaksha, B.S.Saliamat h, B.P.Hoogar K.L.Khurana	TEST-1	

		<p>Overview of Gandhian Samsthana. Its role in 1915 Movement. Cultural contributions of Surapur Samsthana Freedom Movement in Kalyana Karnataka region. Liberation Movement of Kalyan Karnataka. Gandhiji and his constructive programmes in Kalyana Karnataka.</p>				
2	14	<p>History of Kalyana Karnataka Religion: Jainism, Buddhism, Shaivism, Vaishnavism, Vaerashivism, Kufiam. Important Centres of Socio- Religious Harmony in Kalyana Karnataka-Kodakal, Tirthani, Navalagi Shivalingeswar, Sharanabasaveshwar, Khaja Banda Nawaz Literary development: Kannada- Vachana, Dasa, Janapada, Dalit, Bandeys, Sanskrit, Urdu, Art and Architecture: The Monuments of Rashtrakutas, The Chalukyas of Kalyan, The Bahmanis, Places of Heritage and Pilgrimage, Map Study-Ghorpade territory, Surapur Samsthan</p>	<p>Traditional Method Group Discussion Map work, ICT Tools</p>	<p>Paikalkha, B.S. Galiannat H. B.P. Hoogar K.L. Khurana</p>	<p>Seminary 15 Project Work</p>	

Class: BA IV SEM

DNC -7 Title : History of Medieval India

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Staff : Smt. Soumya D

Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Unit -1 Interpreting Medieval Indian History ChapterNo. 1 Interpreting Medieval Indian History ChapterNo. 2Debate on Indian Feudal System ChapterNo. 3Interpretation of Peasant State and Society ofMedieval India - North India & South India- Agrarian System of Mughal and VijayanagaraPeriod. Bhakti Movement - Kabir, Nanak, Meera Bai, SriChaithanya - Alvars, Nainars.	Traditional Method - Group Discussion Map work, ICT Tools	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Assignment	
2	14	Unit -2 Political Structure of Medieval Northern India and Southern India ChapterNo. 4 Comparative study of Vijayanagara Polity, Delhi Sultanate and Mughals - process of Urbanization in Mughals and Vijayanagara period ChapterNo. 5 Nature of state in Vijayanagara Kingdom, Delhi Sultanate and Mughal dynasties ChapterNo. 6 Military Technology of Mughals and Vijayanagara dynasties - Development of Science & Technology in Medieval India	Traditional Method - Group Discussion Map work, ICT tools	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	TEST-1	
3	14	Cultural Unit -3 Minor Kingdoms of North India Chapter No. 7 Rajaputs, Gurjara Pratiharas, Palas, Paramaras Chapter No. 8 ChapterNo. 9 Vijayanagara dynasy - Amaranayaka	Traditional Method - Group Discussion Map work	Palaksha, B.S.Saliamath, B.P.Hoogar K.L.Khurana	Seminars & Project Work	

		System Creation of Wealth. The rise of the Marathas - Shivaji and his administration - Astha Pradhana System Map Extent of Vijayanagara Empire under Krishnadevaraya, Extent of Mughal Empire under Akbar, Important trade Centers of Medieval India : 1. Agra 2. Fatehpur Sikri 3. Delhi 4. Mewar 5. Hampi 6. Honnavara 7. Bhatkal 8. Raichur 9. Tirupati 10. Anegondi				
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Class: BA IV SEM

DSC -8 Title : Cultural History of India (From Saraswati - Indus Culture to 1206 CE).

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-I Indian Culture: An Introduction CHAPTER-1 Characteristics of Indian culture. CHAPTER-2 Significance of Geography on Indian Culture. CHAPTER-3 Religion and Philosophy in India: Ancient Period: Pre- Vedic and Vedic Religion, Buddhism and Jainism, Indian philosophy.	Traditional Method - Group Discussion Map work, ICT tools	Palaksha, B.S.Saliyath, B.P.Hoogar K.L.Khurana	Assignment	
2	14	UNIT-II A Brief History of Indian Arts and Architecture CHAPTER-4 Indian Languages and Literature - Nagari - Devanagari, Grantha - Dravidian languages - Kannada	Traditional Method - Group Discussion Map work ICT tools	Palaksha, B.S.Saliyath, B.P.Hoogar K.L.Khurana	TEST-1	

		CHAPTER-5 Evolution of script and languages in India: Harappan Script and Brahmi Script. CHAPTER-6 Short History of the Sanskrit literature: The Vedas, and Upanishads, Epics: Ramayana and Mahabharata - History of Buddhist and Jain Literature in Pali, Prakrit.				
3	14	UNIT-III ART & ARCHITECTURE CHAPTER-7 Indian Art & Architecture: Gandhara School and Mathura School of Art; - Hindu Temple Architecture, Buddhist Architecture- Indian Painting Tradition: ancient painting at Ajantha. CHAPTER-8 Performing Arts: Divisions of Indian classical music: Hindustani and Carnatic, -Dances of India: Various Dance forms: Classical and Regional, CHAPTER-9 Indian Culture in South East Asia	Traditional Method - Group Discussion Map work	Palaksha, B.S.Sallamath, B.P.Hoogar K.L.Khurana	Seminars & Project Work	

Class: BA V SEM

DSC -9 Title : History of Western Civilisation (6BC-1200 AD)

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Chapter-1: Introduction - Ancient Civilizations- Greek City States. 15 Hours Chapter-2: The Golden Age of Greece - Hellenistic World- The Roman Republic. Chapter-3: The Roman Empire and the Birth of Christianity.	Traditional Method - Group Discussion Map work ICT tools	World History KNA	Assignment	
2	14	Unit-II Chapter-4: Official Christianization and the fall of the western Empire, Byzantium. Chapter-5: New Kingdoms in Western Europe, The Rise of Islam. Chapter-6: Feudalism and the Commercial Revolution, Church Reforms, The Crusades.	Traditional Method - Group Discussion Map work ICT tools		TEST-1	

3	14	Unit-III Chapter-7: The Twelfth-Century Renaissance, Heights of Medieval Culture 15 Hours Chapter-8: New Religious Orders Chapter-9: The Rediscovery of Aristotle and the Medieval Synthesis	Traditional Method - Group Discussion Map work ICT tools		Seminars & Project Work	
4		Unit-IV Chapter-10: Medieval World in Crisis and the Black Death Chapter-11: The Hundred Year's War, Renaissance, Humanism. Chapter-12: The New World, The Protestant Reformation, Wars of Religion and the Thirty Years War, The Scientific Revolution	Traditional Method - Group Discussion Map work ICT tools		Assignment	

Class: BA V SEM

DSC -11 Course Title: History of European 1789 to 1945 AD—

Staff : Dr. Hema Kulkarni


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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	Unit-I THE FRENCH REVOLUTION AND NAPOLEONIC ERA Chapter-1: The causes of French Revolution - Causes Role of Philosophers Tennis court oath. Work of National Assembly - Reign of Terror Chapter-2: Napoleon Bonaparte Reforms. - Military Achievements and Chapter-3: The Congress of Vienna - Era of Metternich.	Traditional Method - Group Discussion Map work ICT tools	B.P.Hoogar	Assignment	

2	14	UNIT-11 UNIFICATION OF ITALY, GERMANY, AND THE INDUSTRIAL REVOLUTION Chapter-4: Industrial revolution in England - characteristics of industrial revolution Chapter-5: The Unification of Italy - carbo - three leaders of Mazzini Cavour- Garibaldi Stages of Unification Chapter-6: Unification of Germany - Domestic and foreign policy of Bismark	Traditional Method - Group Discussion Map work ICT tools	B.P.Hoogar	TEST-1	
3	14	UNIT-11I FIRST WORLD WAR Chapter-7: Growth of Socialism in Europe -Karl Mark Chapter-8: The First world war - causes and Results of the War - League of Nations. Chapter-9: The Russian Revolution of 1917 Causes and Results.	Traditional Method - Group Discussion Map work ICT tools	B.P.Hoogar	Seminars & Project Work	
4		UNIT-IV RISE OF DICTATORS & SECOND WORLD WAR Chapter-10: Rise of Dictators Treaty of Versailles - Rise of Hitler - Nazi party - Causes for the rise of Nazism - Nazi Doctrine. Chapter-11: The second world war - causes and Results Chapter-12: UNO - Achievements and failures of UNO	Traditional Method - Group Discussion Map work ICT tools	B.P.Hoogar	Assignment	

Class: BA V SEM

DSC -12 Course Title: Contemporary History of India from 1947-1990s


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Staff : Dr. Hema Kulkarni

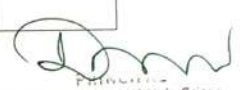
Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-I Chapter-1: Political legacy of Colonialism. Chapter-2: Economic and Social Legacy of Colonialism. Chapter-3: National movements: Its significance, Value and Legacy	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar	Assignment	
2	14	UNIT-II Chapter-4: Framing of Indian Constitution - Constituent Assembly Draft Committee Report - declaration of Indian Constitution, Indian constitution- Basic Features and Institutions Chapter-5: The Initial Years: Process of National Consolidation and Integration of /Indian States Role of Sardar Patel Kashmir issue, Indo-Pak war 1948; the Linguistic Reorganization of the States, Regionalism and Regional Inequality. Chapter-6: Political development in India since Independence.	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar	TEST-1	
3	14	UNIT-III Politics in the States: Tamil Nadu, Andhra Pradesh, Assam, West Bengal and Jammu and Kashmir, the Punjab Crisis. Chapter-8: The Post-Colonial Indian State and the Political Economy of Development: An Overview Chapter-9: Foreign policy of India since independence.	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar	Seminars & Project Work	

4		UNIT-IV Chapter-10: Indian Economy, 1947-1965: the Nehruvian Legacy Indian Economy, 1965-1991, Economic Reforms since 1991 and LPG. Chapter-11: Caste, Untouchability, Anti-caste Politics and Strategies, Revival and Growth of Communalism. Chapter-12: Land Reforms: Zamindari Abolition and Tenancy Reforms, Ceiling and the Bhoodan Movement, Cooperatives and an Overview, Agriculture Growth and the Green Revolution And Agrarian Struggles Since Independence	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar	Assignment	
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Class: BA VI SEM

DSC -13 Course Title: HISTORY OF FREEDOM MOVEMENT AND UNIFICATION OF KARNATAKA

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-I Chapter-1: Introduction: Historical background: The disintegration of Karnataka and absorption of Karnataka areas into Madras, Bombay provinces and Hyderabad state Armed Resistances against the British rule in Karnataka Revolt of Veerappa Deshmukh of Koppa in 1819. Chapter-2: Rani of Kittur 1824, Sangoli Rayanna (1829-30), Nagar revolt of 1830-Resistance in Kodagu. Chapter-3: The impact of the rebellion of 1857 on Karnataka Bedars of Halagali against Anti arms Act.	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar, KNA, Dr. K Sadaashiv	Assignment	
2	14	Unit-II Chapter-4: Venkatappa Nayaka of	Traditional	B.P.Hoogar,	TEST-1	

		<p>Surapura, Babasaheb of Unit-II Naragunda, Bhima rao of Mundargi - effects of the Struggle.</p> <p>Chapter-5: The National Movement in Karnataka - Early activities the response to Swadeshi and Non Co- operation Movements in Karnataka-Influence of Tilak and Gandhi.</p> <p>Chapter-6: Belgaum Congress Session (1924) Satyagraha campaigns in Karnataka (1930-34)</p>	<p>Method - Group Discussion Map work ICT tools</p>	KNA, Dr. K Sadaashiv		
3	14	<p>Unit-III</p> <p>Chapter-7: Quit India Movement in Karnataka-its effects Chapter-8: Movement for Responsible Government in Princely Mysore State.</p> <p>Chapter-9: Origin and Development of unification movement in Karnataka: Factors responsible for unification Movement:</p>	<p>Traditional Method - Group Discussion Map work ICT tools</p>	B.P.Hoogar, KNA, Dr. K Sadaashiv	Seminars & Project Work	
4		<p>Unit- IV</p> <p>Chapter-10: Views of different Committees on the issue ((Dhar, JVP, SRC): Contributions of Various Kannada Organizations</p> <p>Chapter-11: The Kannada Renaissance role of Kannada literature and Journalism in bringing about Karnataka Consciousness</p> <p>Chapter-12: The ultimate move towards the formation of Karnataka.</p>	<p>Traditional Method - Group Discussion Map work ICT tools</p>	B.P.Hoogar, KNA, Dr. K Sadaashiv	Assignment	

Class: BA VI SEM

DSC -14 Course Title: History of India. (CE1761-CE 1857)

Staff: Dr. Hema Kulkarni


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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-I Chapter-1: Indian Polity, Society and Economy in mid-8th century. Mercantile Policies and Indian Trade. Chapter-2: Colonial Expansion-1- Bengal and Punjab. Colonial Expansion II-Mysore and Marathas. Chapter-3: Imperial Ideologies and Psyche: Orientalists Construction of India and the Utilitarians.	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar, KNA, Dr. K Sadaashiv	Assignment	
2	14	Unit-II Chapter-4: British Administration and Law, The Spread of English Education. Chapter-5: The New Land Settlements. Chapter-6: Commercialization of Agriculture	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar, KNA, Dr. K Sadaashiv	TEST-1	
3	14	Unit-III Chapter-7: Deindustrialization - British Industrial Policy Chapter-8: Economic Impact of the Colonial Rule. Chapter-9: Social Discrimination and Colonial Rule	Traditional Method – Group Discussion Map work ICT tools	B.P.Hoogar, KNA, Dr. K Sadaashiv	Seminars & Project Work	

4		Unit- IV Chapter-10: Tribal and Peasant Movements in Colonial India Chapter-11: Revolt of 1857 Chapter-12: The Beginnings of Indentured Labour - Labour Movements in Colonial India.	Traditional Method - Group Discussion Map work ICT tools	Palaksha, B.S.Saliamath , B.P.Hoogar K.L.Khurana	Assignment	
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Class: BA VI SEM

DSC -15 Course Title: History of United States of America - I (c.1776-

Staff: Dr. Hema Kulkarni

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Unit No.	Hours Allotted	Topic to be Covered	Teaching Method	Reference	Assessment Method	Web Reference
1.	14	UNIT-I The Background & Making of the Republic Chapter-1: The land and indigenous people: settlement and colonization by Europeans; early colonial society and politics; indentured labour- White and Black. Chapter-2: a) Revolution: Sources of conflict: Revolutionary groups, Ideology: The War of Independence and its historical interpretations. Chapter-3: b) Processes and Features of Construction Making: Debates, Historical interpretations.	Traditional Method - Group Discussion Map work ICT tools	Steven quadrus- Pramod M. G, Santosh Saladan	Assignment	
2	14	Unit-II Evolution of American Democracy Chapter-4: Federalists: Jeffersonianism: Jacksonianism, Rise of political parties- 1840-1960; judiciary role of the Supreme Court Chapter-5: Expansion of Frontier: Turner's Thesis; Marginalization, displacement, and discrimination of Native Americans; Case histories of Tecumseh,	Traditional Method - Group Discussion Map work ICT tools	Steven quadrus- Pramod M. G, Santosh Saladan	TEST-1	

		Shawnee Prophet. Chapter-6: Limits of Democracy: Blacks and Women				
3	14	Unit-III Early Capitalism & The Agrarian South Chapter-7: Beginnings of Industrialization - Immigrants and 15 Hours Unit-III changing composition of Labour; Early Labour Movements. Chapter-8: a) Plantation economy Chapter-9: b) Slave Society and Culture: Slave Resistance	Traditional Method - Group Discussion Map work ICT tools	Steven quadrus- Pramod M. G, Santosh Saladan	Seminars & Project Work	
4		Unit- IV Ante Bellum Foreign Policy & Civil War Chapter-10: War of 1812: Monroe Doctrine: Manifest Destiny. Chapter-11: Abolitionism and Sectionalism - Issues and 15 Hours Interpretations. Chapter-12: Rise of Republicanism, Emancipation and Lincoln.	Traditional Method - Group Discussion Map work ICT tools	Steven quadrus- Pramod M. G, Santosh Saladan	Assignment	


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ವಾ.ಪಾಂಚುರಂಗರಾವ ಪತ್ನಿ ವಾಣಿಜ್ಯ ಪದವಿ ಮಹಾವಿದ್ಯಾಲಯ
ಕಲಬುರಗಿ - 585103 (ಕರ್ನಾಟಕ)

Mobile : 8362681511. email : principal_nvdc@nutanvidyalaya.org - Website : www.nutanvidyalaya.org



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College : 1979

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Kalaburagi - 585 103 (Karnataka)

Accredited at 'A' Grade with 3.09 CGPA by NAAC

DEPARTMENT OF CHEMISTRY

Session Plan, 2023-2024 (NEP)

Class: B.Sc. I sem

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	UNIT 1	14	R7, R8	black board PPT	Assignment-1	
03	UNIT-2	14hrs	R7,R2-C1,R3-C1	black board	Test-1	
02	UNIT 3	14hrs	R1-C5,C6,C9,C4,C11,C12 R2-C1,C2	black board	Assignment-1	https://slideshare.com
03	UNIT 4	14 hrs	R1-C7, R2-C3	black board PPT	Test-2	https://www.sciencedirect.co
04	Revision		Question bank	Discussion		

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Advanced practical Organic Chemistry by Vogel R9- NCERT book of Second year, R12-Text book of Pharmaceutical Chemistry

Session Plan, 2023-2024 (NEP)

Class: B.Sc I sem (OE)

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	Unit- 1 Dairy products, Food additives and artificial food colorants	14 hrs	R1, R6	black board, PPT	Assignment-1	
02	Unit-2 Vitamins , oils and fats	14 hrs	R1, R2	black board	Test-1	
03	Unit-3 Chemical and renewable energy sources, polymers	14 hrs	R12	black board, PPT	Assignment-2	
04	Revision			Group discussion	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Advanced practical Organic Chemistry by Vogel R9- NCERT book of Second year, R12-Text book of BioChemistry

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Department of Chemistry
N.V. Degree College
GULBARGA-03

Session Plan, 2023-2024 (NEP)

Class: B.Sc II sem

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	UNIT-1 Atomic structure	14	R2-C1,R3-C1	black board	Assignment-1	----
02	UNIT-2 Periodic properties	14 hrs	R4-C13, C14	black board	Test-1	
03	UNIT- 3 Gaseous state	14 hrs	R2-C2, R4-C10	black board		https://www.sciencedirect.com
	Liquids		R2-C3, R4-C4		Test-2	
04	UNIT -4 Liquid crystals, Solids and Nernst Distribution law	14		black board, PPT		

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Advanced practical Organic Chemistry by Vogel R9- NCERT book of Second year, R12-Text book of Pharmaceutical Chemistry.

Session Plan, 2023-2024 (NEP)

Class: B.Sc IIsem (OE)

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	Unit- 1	14 hrs	R1, R6	black board, PPT	Assignment-1	
02	Unit-2	14 hrs	R1, R2	black board	Test-1	
03	Unit-3	14 hrs	R12	black board, PPT	Assignment-2	
04	Revision and Question paper discussion			Group discussion	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Advanced practical Organic Chemistry by Vogel R9- NCERT book of Second year, R12-Text book of BioChemistry

Session Plan, 2023-2024

Class: B.Sc. Vsem

DSC-9 INORGANIC CHEMISTRY-III

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	UNIT-1 Chemical bonding	15 hrs	R3, R8	black board PPT	Assignment-1	https://en.wikipedia.org/wiki/Kapustinskii_equation# :
02	UNIT-2 Chemistry of main group elements	15 hrs	R3, R8	black board	Assignment-1 Test-1	https://en.wikipedia.org/wiki/Borazine
03	UNIT-3 Metal- metal bonding and Nuclear chemistry	15 hrs	R9, R3	black board PPT	Assignment-1	https://www.slideshare.net/swapnilchemistry/nuclear-chemistry-bscii
04	UNIT-4 Coordination chemistry	15 hrs	R5-C4 R3-C26	black board	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R8- Concise inorganic chemistry J.D Lee, R9- Organo metallic and Bio Chemistry by Ajai Kumar

Session Plan, 2023-2024

Class: B.Sc. Vsem

DSC-11-ORGANIC CHEMISTRY-III

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	UNIT-1 Alcohols, Phenols	15 hrs	R1-C16, 42 R5-C2,C3	black board PPT	Assignment-1	
02	UNIT-2 Aldehydes, Ketone	15 hrs	R1-C43 R5-C5	black board	Test-1	
03	UNIT-3 Stereochemistry	15 hrs	R9, R3	black board PPT	Assignment-1	
04	UNIT-4 Heterocyclic chemistry	15 hrs	R1-C47, R6-C4	black board	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R8- Concise inorganic chemistry J.D Lee, R9- Organo metallic and Bio Chemistry by Ajai Kumar


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Session Plan, 2023-2024 (NEP)

Class: B.Sc IVsem (OE)

Name: DR. ASHWINI K. R.

Sl No.	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	Unit- 1 Electrochemistry	14 hrs	R4-C24 R5-C7,C8 R13	black board, PPT	Assignment-1	
02	Unit-2 Corrosion	14 hrs	R8	black board	Test-1	
03	Unit-3 Metallurgy	14 hrs	R3	black board, PPT	Assignment-2	
04	Revision			Group discussion	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Electro chemistry and Corosion science Springer, R12-Text book of BioChemistry, R13- An introduction to Electrochemistry by SamuelGlasstone

Session Plan, 2023-2024 (NEP)

Class: B.Sc VIsem

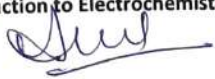
Name: DR. ASHWINI K. R.

DSC-13-PHYSICAL CHEMISTRY-III

Sl No	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	Unit- 1 Electrochemistry-II Quantum mechanics	15 hrs	R4-C24, R8	black board, PPT	Assignment-1	
		15 hrs	R6, R13			
02	Unit-2 Chemical dyanamics-I	15 hrs	R6, R14	black board	Test-1	
03	Unit-3 Chemical Dynamics-II	15 hrs	R6, R14	black board, PPT	Assignment-2	
04	Unit-4 Thermodynamics Phase rule Statistical thermodynamics	15 hrs	R4, R5			http://wikipedia.org
04	Revision			Discussion	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Electro chemistry and Corosion science Springer, R12-Text book of BioChemistry, R13- An introduction to Electrochemistry by SamuelGlasstone, R14- Chemical Kinetics by Ladlier.


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Session Plan, 2023-2024 (NEP)

**Class: B.Sc Vsem
DSC-15-SPECTROSCOPY**

Name: DR. ASHWINI K. R.

Sl No	Topic	Teaching hours	Reference Books	Teaching methods	Assessment	Web link
01	Unit- 1 Symmetry and group theory in chemistry Molecular spectroscopy	7 hrs 8 hrs	R1, R15	black board, PPT	Assignment-1	
02	Unit-2 Organic spectroscopy- UV IR.	15 hrs	R1,R16,R17	black board	Test-1	
03	Unit-3 Nuclear magnetic Resonance spectroscopy	15 hrs	R16,R17	black board, PPT	Assignment-2	
04	Unit-4 Atomic spectroscopy, Electron paramagnetic spectroscopy	15 hrs	R3,R15,R7			http://wikipedia.org
04	Revision and Question paper discussion			Group discussion	Test-2	

R1-Advanced Organic Chemistry by Arun Bahl, B.S.Bahl. R2- Chemistry for degree students First Year by Dr. R.L.Madan S. Chand Publications., R3- Principals of Inorganic Chemistry by Puri and Sharma, R4- Essentials of Physical Chemistry by Arun Bahl, B.S.Bahl, Tuli, R5- Chemistry for degree students Second Year by Dr. R.L.Madan S. Chand Publications, R6- Chemistry for degree students Third Year by Dr. R.L.Madan S. Chand Publications, R7-Text Book of Analytical Chemistry by Alka Gupta, R8- Electro chemistry and Corosion science Springer, R12-Text book of BioChemistry, R13- An introduction to Electrochemistry by Samuel Glasstone, R14- Chemical Kinetics by Ladlier. R15- Fundamentals of molecular spectroscopy by Banwell nd Elaine m. McCASH, R16- Elementary organic Spectroscopy Y.R. Sharma, R-17 Organic spectroscopy by P.S Kalsi


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ACADEMIC SSESSION PLAN: 2023-24 DEPARTMENT OF PHYSICS

Bsc I Sem

NEP

Paper- DSE: Mechanics and Properties of matter

Unit	Chapter	Topic	Hrs allotted	Name of the staff	Teaching method	Ref	Assesment method	Web resources
1	1	Units and Measurements: System of units (CGS & SI), measurement of length, mass & time, dimensions of physical quantities, dimensional formulae. Minimum deviation, errors	13	Sripad J	BLACK BOARD	R1	T1	
	2	Momentum and energy: Work & energy, conservation of momentum (linear). Conservation of energy with examples. Motion of rockets.			BLACK BOARD	R1	T2	
	3	Special theory of relativity: Constancy of speed of light. Postulates of special theory of relativity. Length contraction, Time dilation, Relativistic addition of velocities.			BLACK BOARD	R2	T2	https://www.nbnews.com
2	4	Laws of motion: Newton's law of motion. Dynamics of system of particles. Centre of mass.		Sripad J	BLACK BOARD	R3		
	5	Dynamics of rigid bodies: Rotational motion about an axis, angular momentum, rotational energy. Parallel and Perpendicular axis theorems. Examples of moment of inertia: Disc, Circular ring, solid		Shrikant E	BLACK BOARD	R2	T2	https://hepweb.ucsd.edu

		cylinder, hallow cylinder, flywheel.(Equation for M.I for all these). Problems. Theory of compound pendulum and determination of 'g' by compound pendulum.						
2	6	Gravitation: Motion of a particle in a central force field (motion is in a plane, angular momentum is conserved, areal velocity is constant). Kepler's Laws (statements only).Satellite in circular orbits and applications. Numericals. Geosynchronous orbits. Weightlessness. Basic idea of global positioning system (GPS).		Radha v k	BLACK BORD	R3	T3	
3	7	Elasticity: Hooke's law, stress strain diagram, elastic moduli, relation between elastic constants, Poisson's ratio-Expression for Poisson's ratio in terms of elastic constants, work done in stretching and work done in twisting a wire. Twisting couple on a cylinder, determination of rigidity modulus by static torsion, torsion pendulum, determination of rigidity modulus and moment of inertia-q, η and σ by Searle's method. Numericals.	13	Radha V K	BLACK BOARD	R4	T3	
4	8	Surface tension: Definition of surface tension. Surface energy ,relation between surface tension and surface energy. Pressure difference across curved surface example excess pressure inside spherical liquid drop, angle of contact. Capillarity determination of surface tension. Problems.	13		PPT	R4	T3	

	9	Viscosity: Streamline flow, turbulent flow, equation of continuity, determination of coefficient of viscosity by Poiseuille's method. Stoke's method and variation of viscosity with temperature. Problems		Radha v k	BLACK BOARD	R4	T1	Video animation
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R1- Mechanics by D.S Mathur R2- Physics volume -1 Halliday & Resnick R3- Properties of Matter by Brijlal & Subramanyam
R4- Properties of matter by D. S. Mathur T1- Unit test T2- Internal test T3- IA Exam


HOD

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Principal

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ACADEMIC SESSION PLAN: 2023-24
Bsc II Sem NEP

DEPARTMENT OF PHYSICS
Paper- DSE: Electricity and Magnetism

Unit	Chapter	Topic	Hrs allotted	Name of the staff	Teaching method	Ref	Assessment method	Web resources
1	1	Electric charge & field, Coulomb's law, electric field lines, point charge in an electric field & electric dipole, work done by a charge.	13	Sripad J	BLACKBOARD	R1	T1	
	2	Gauss's theorem of electrostatics,- applications of Gauss theorem-Electric field due to charged infinite plane, uniformly charged sphere., uniformly charged infinite cylinder.			BLACK BOARD	R2	T2	
	3	Electric potential line integral, gradient of scalar function, relation b/w field and potential. Potential due to point charge & distribution of charges examples. Constant potential surfaces, potential due to a dipole and electric quadrupole.			BLACK BOARD	R3	T1	Video animation
2	4	Conductors in electrostatic field, conductors & insulators, conductors in electric field. Capacitances & capacitors, calculate c in parallel plate capacitor, parallel plate capacitor with dielectric, energy stored in capacitor, dielectric & Gauss law for dielectrics.	13	Radha V K	BLACK BOARD	R3	T3	
	5	Electric currents & current density. Electrical conductivity, Ohm's law. Physics of electrical conduction, conduction in		Radha V K	BLACK BOARD	R2	T1	Video animation

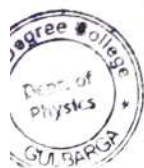
		metals& semiconductors, circuit & circuit elements. Variable currents in capacitor circuits, resistor, inductor & their combination. Force on a moving charge.						
3	6	Magnetism: Definition of magnetic field, Ampere's law, Biot-savart law, magnetic force on a current carrying conductor, hall effect. Electromagnetic induction, self inductance, mutual inductance and energy stored in a magnetic field.	13	Sripad J	PPT+ BLACK BOARD	R4, R5	T2	
	7	Alternating currents: Basic definitions, LCR series circuit to sinusoidal voltage using J-operator, series resonance Q-factor, bandwidth-quantitative explanation of LCR parallel circuit		Radha V K	BLACK BOARD	R6	T3	
4	8	Electromagnetic waves- Equation of continuity of current. Displacement current, Maxwell's equations, energy transported by electromagnetic waves. Electromagnetic waves in different frames of references, field of a current loop, electric current in atoms, electron spin.		Sripad J	BLACK BOARD	R2 R1	T1	https://www.phys.virginia.edu
	9	Magnetic properties of materials: Magnetic intensity, magnetic induction, permeability, magnetic susceptibility. Brief introduction of dia-, para- and ferro-magnetic materials. Magnetic movement, B-H hysteresis curves.		Radha V K	PPT	R4	T2	

R1- Electricity and magnetism by R. Murugheshan R2- Electricity & Magnetism by K K Tewari R3- Electricity and magnetism by Brijlal and subhamiyam, R5- Electromagnetism by B B Laud R4-solid state physics by J P Srivatsava R6- Basic electronics By R S Sedha

T1-UNIT TEST

T2 – Sleep test

T3-INTERNAL TEST



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ACADEMIC SCESSION PLAN: 2023-24
Bsc III Sem
NEP
DEPARTMENT OF PHYSICS
Paper- DSE: Thermal Physics and statistical Mechanics

Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref.	Assesment method	Web resources
1	Waves and Superposition of Harmonic Waves : Plane and Spherical Waves. Longitudinal and Transverse Waves. Characteristics of wave motion, Plane Progressive (Travelling) Wave and its equation, Wave Equation – Differential form (derivation). Particle and Wave Velocities: Relation between them, Energy Transport – Expression for intensity of progressive wave, Newton's Formula for Velocity of Sound. Laplace's Correction (Derivation). Brief account of Ripple and Gravity Waves. Superposition of Harmonic Waves : Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats) – Analytical treatment. Superposition of two perpendicular Harmonic Oscillations: Lissajous Figures with equal and unequal frequency- Analytical treatment. Uses of Lissajous' figures.	12	Sripad J	BLACK BOARD	R1 R2	T1	Video animations

2	<p>Standing Waves and Acoustics :</p> <p>Standing Waves : Velocity of transverse waves along a stretched string (derivation), Standing (Stationary) Waves in a String - Fixed and Free Ends (qualitative). Theory of Normal modes of vibration in a stretched string, Energy density and energy transport of a transverse wave along a stretched string. Vibrations in rods – longitudinal and transverse modes (qualitative). Velocity of Longitudinal Waves in gases (derivation). Normal Modes of vibrations in Open and Closed Pipes – Analytical treatment. Concept of Resonance, Theory of Helmholtz resonator.</p> <p>Acoustics: Absorption coefficient, Reverberation and Reverberation time, Sabine's Reverberation formula (derivation), Factors affecting acoustics in buildings, Requisites for good acoustics. Acoustic measurements – intensity and pressure levels.</p>	12	Radha V K	BLACK BOARD	R1, R2	T3	Video animations
3	<p>Nature of light and Interference:</p> <p>To Determine wavelength of light, distances and shapes using Michelson interferometer. The corpuscular model of light-The wave model - Maxwells electromagnetic waves- Wave Particle Duality. Interference of light by division of wave front: Huygen's theory- Concept of wave-front-Interference pattern produced on the surface of water-Coherence- Interference of light waves by division of wave-front- Young's double slit experiment- derivation of expression for fringe width- Fresnel Biprism- Interference with white light.</p>	12	Radha V K	BLACK BOARD	R3, R4	T2	

Diffraction and Polarization: Fraunhofer diffraction : Introduction- Fraunhofer diffraction- Single slit diffraction pattern-position of Maxima and Minima (Qualitative arguments)- Two slit diffraction pattern-position of Maxima and minima- Theory of plane diffraction Grating-Grating spectrum- normal and oblique incidence- Resolving power and dispersive power of a grating Single slit; Double Slit. Multiple slits & Diffraction grating. Fresnel Diffraction- Fresnel half period zones- Diffraction by a circular aperture-diffraction by an opaque disc-The zone plate -comparison between zone plate and convex lens. Polarisation: Introduction-Production of polarized light- The wire Grid polarizer and Polaroid- Superposition of two disturbances- Phenomenon of double refraction-Quarter wave plates and half wave plates- Analysis of polarized light-optical activity.	12	Sripad J	BLACK BOARD + ICT class	R3, R4	T1	
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-Waves and Oscillations by N Subramanyam and Brij Lal

R2- Oscillations and Waves by Satya Prakash

- A text Book of Optics by Brij Lal, M N Avadhanulu & N Subrahmanyam R4- Optics by Ajoy Ghatak

-UNIT TEST

T2- Sleep test

T3-INTERNAL TEST



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ACADEMIC SCSESSION PLAN: 2023-24
NEP

DEPARTMENT OF PHYSICS
Paper- DSE: Thermodynamics and electronics

Bsc IV Sem

Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref .	Assesment method	Web resources
1	Laws of Thermodynamics: Review concepts of heat and temperature. First law of thermodynamics: Differential form, internal energy. Equation of state for an adiabatic process, work done during isothermal and adiabatic process. Second law of thermodynamics: Kelvin-plank and clausius statements and their equivalence. Reversible and irreversible processes with examples. Heat engines-car not engine& efficiency (no derivation). Refrigeration & coefficient of performance, Applications of car not engine in locomotion, thermodynamic scale of temperature and its equivalence to perfect gas scale. concept of entropy, second law of thermodynamics in terms of entropy. Third law of thermodynamics: Statement, significance and unattainability of absolute zero	11	Sripad J	BLACKBOARD	R2	T1	
2	Thermodynamic Potentials: Internal Energy, Enthalpy, Helmholtz Free Energy, Gibb's Free Energy.Properties and Applications. Maxwell's Thermodynamic Relations: Derivations and applications of Maxwell's Relations (1) First order Phase Transitions with examples, Clausius - Clapeyron Equation (2) Values of C_p - C_v (3) Joule-	10	Sripad J	PPT	R1	T2	Video animation

	<p>Thomson Effect and Joule-Thomson coefficient and Derive an equation for Vander Walls gas. Attainment of low temperature by liquefaction of gases and adiabatic demagnetization.</p> <p>Kinetic Theory of Gases: Distribution of Velocities: Maxwell-Boltzmann Law of Distribution of Velocities in an Ideal Gas: Mean, RMS and Most Probable Speeds. Degrees of Freedom, Law of Equipartition of Energy. Specific heats of Gases.</p> <p>Radiation: Blackbody radiation, spectral distribution, the concept of energy density and pressure of radiation, Wien's law, Wien's displacement law, Stefan-Boltzmann law, Rayleigh-Jeans law, Ultraviolet Radiation catastrophe and Planck's law of radiation.</p>						
3	<p>Semiconductor devices: Review of Intrinsic and Extrinsic semiconductors, p-n junction and its Characteristics and Parameters, Diode approximations, Half-wave rectifier, Full-wave rectifier, Zener diode voltage regulators: Regulator circuit with no load, Loaded Regulator.</p> <p>Junction Transistors: Basics of Bipolar Junction Transistors (BJT), BJT operation, Common Base, Common Emitter and Common Collector Characteristics. Field Effect Transistor (FET) and its Characteristics. Transistor as an Amplifier and Oscillator.</p>	11	Radha V K	BLACK BOARD	R3	T2	Video animation
4	<p>Electronics: Integrated Circuits (Analog and Digital), Operational Amplifier, Ideal characteristics of Op-Amp, Inverting and Non-Inverting</p>	11	Radha V K	BLACK BOARD	R4, R5	T1	

Configurations. Applications- Voltage Follower, Addition and Subtraction.						
Digital: Switching and Logic Levels, Digital Waveform. Number Systems: Decimal Number System, Binary Number System, Converting Decimal to Binary, Hexadecimal Number System: Converting Binary to Hexadecimal, Hexadecimal to Binary.						
Boolean Algebra Theorems: De Morgan's theorem. Digital Circuits: Logic gates, NOT Gate, AND Gate, OR Gate, NAND Gate, NOR Gate, Algebraic Simplification, Implementation of NAND and NOR Functions.						

R1-A Textbook of heat and thermodynamics –Brijlal &Subramanyam R2-Thermal physics by Bansal and Ghosh R3-Electronic devices and circuits by devid bell R4- digital fundamentals by Floyd R5- Integrated electronics by Milman and halkis

T1-Internal test T2- Sleep test T3-Unit test



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ACADEMIC SESSION PLAN: 2023-24 DEPARTMENT OF PHYSICS
Bsc V Sem NEP Paper- 5.1: Classical Mechanics and Quantum mechanics-I

Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref	Assesment method	Web resources
1	Frames of reference, Newton's Laws of Motion, Inertial and Non Inertial frames. Mechanics of Particle, Conservation of linear momentum, Angular Momentum and Torque, Conservation of angular momentum, work done by a force, conservative force and conservative energy. Lagrangian formulation- Constraints- Types. Generalized coordinates, degrees of freedom, principle of virtual work, D' Alembert's principle, Lagrange equations. Simple pendulum, Atwood's Machine and linear harmonic oscillator.	12	Sripad J	BLACK BOARD	R2 R4	T1	
2	Relativity-Newtonian principle. Non inertial systems, Fictitious force, rotating frame. Special theory of relativity- Michelson Morley Experiment, Postulates of special theory of relativity, Lorentz transformations, Relativistics transformations, Relativistic Doppler effect, relativistic Kinematics	10	Sripad J	BLACK BOARD	R2 R4	T2	
	Quantum mechanics: Failure of Classical mechanics. Particle of waves; Compton scattering theory- expression for Compton shift. De-Broglie Hypothesis, Electron Microscope, Group velocity and Phase velocity. Wave nature	12	Srikant E	BLACK BOARD	R1	T3	https://youyu.be/shrikant Ekhelikar

	of particle; Experiments of Davisson and Germer and Thomson, concept of matter waves. Uncertainty principle, illustration of gamma ray microscope and diffraction at single slit.						
4	Schrodinger time dependent and time independent wave equation, interpretation of wave function. Probability current density, Equation of continuity Physical significance. Application of Schrodinger equation; particle in a box, solution for one dimension, extension to three dimensions, degeneracy; harmonic oscillator, zero point energy. Hermitian Operators. Finite Potential well, Potential Barrier, Tunneling Effect, STM	12	Srikant E	BLACK BOARD	R3	T2	

R1-Modern Physics-R Murugesan


R2- Introduction To classical mechanics by – Gupta and Sharma

R3- Introduction to quantum mechanics by- Mathews and Venkateshan

R4- Classical mechanics by- Takwale and Puranik

T1 –Internal test T2-Unit test T3-Sleep test

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ACADEMIC SCES SION PLAN: 2023-24
Bsc V Sem

DEPARTMENT OF PHYSICS
Paper- 5.2: Atomic, Molecular and Laser Physics

Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref.	Assesment method	Web resources
1	Basic Atomic models: Thomson's atomic model, Rutherford atomic model, Bohr atomic model, Ritz combination Principle, Frank Hertz experiment and Somerfield's atomic model.	12	Sripad J	BLACK BOARD	R2	T3	
2	Atomic spectra: Wave mechanical approach of the atom, Concept of electron spin and space quantization, structure of an atom, Stern- Gerlach experiment. The Pauli's exclusion, electron configuration of single valence electron and atoms(alkali metals) and two valence electron atom sand their spectra. Vector model of the atom, j-j,& L-S Coupling(vector diagrams), spin-orbit interaction, magnetic moment due to orbital and spin motion. Excitation and ionization potentials: The Frank-Hertz experiment. Penetrating and non-penetrating orbits in the alkali metals. Effect of Magnetic field on spectral lines: Larmor's precession In a magnetic field, expression for magnetic interaction energy. Magnetic field effects; normal and anomalous Zeeman effect , experimental set up to observe Zeeman effect Energy level diagram for sodium D lines in a weak magnetic field. Stark effect	12	Sripad J	BLACK BOARD	R1 R2	T1	

3	Molecular physics: Types of molecular motions, Molecular energy distribution. Band spectra, Atomic spectra, Energy distribution in E.M spectrum, Rigid rotator, Non-rigid rotator, rotational energy levels, Florescence and Phosphorescence Raman-effect: Introduction, scattering of light, Raleigh, Raman scattering and classical theory of Raman effect. Quantum theory of Raman effect, Raman spectra-Rotational and vibration, Laser Raman spectroscopy-Applications.	12	Radha v k	BLACK BOARD	R1 R2	T2	
4	Laser physics: Spontaneous emission, stimulated emission and stimulated absorption, condition for Laser action, Einstein's A and B coefficients, Meta stable states, Pumping systems- Types of lasers. Gas lasers (He-Ne), semiconductor lasers	12	Radha V K	BLACK BOARD	R2	T3	Video animation

R1-Modern Physics by R Murugheshan

R2 - Atomic, molecular Spectra Laser by Rajkumar

T1 -Internal test T2-Unit test T3-Slip test

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ACADEMIC SCSESSION PLAN: 2023-24
Bsc VI Sem
NEP
DEPARTMENT OF PHYSICS
Paper- 6.1: Elements of condensed matter and nuclear physics

Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref.	Assesment method	Web resources
1	Crystal structures: concept of lattice, unit cell and its construction, Bravis lattice , Seven crystal systems and characteristics, Miller indices, crystal planes, interplanar spacing, X-ray diffraction, Bragg's law, Bragg diffractmetre, powder method, indexing of peaks, X-rays and X-ray Spectra Free electron theory of Metals: Free electron theory for metals-expression for electrical. Ohm's law, calculation of electron density of states. Elementary Lattice Dynamics: Lattice Vibrations and Phonons: Linear Monoatomic and Diatomic Chains. Acoustical and Optical Phonons. Wiedemann-Frange law for thermal conductivity, Drude model, Kronig –Penny model. Concept of Fermi energy and its temperature dependence	12	Sripad J	BLACK BOARD	R1 R4	T3	https://youtube.com/shrikant_Ehkelikar
2	Magnetic properties of matter: Dia- Para-, Ferri- and Ferromagnetic Materials. Classical Langevin Theory of dia - and Paramagnetic Domains. Quantum Mechanical Treatment of Paramagnetism. Curie's law, Weiss's Theory of Ferromagnetism Discussion of B-H Curve. Hysteresis and Energy Loss.	12	Srikant E	BLACK BOARD	R1 R4	T1	Video animation https://youtu.be/shrikant_Ehkelikar

	Dielectric properties of materials: Polarization. Local Electric Field at an Atom. Depolarization Field, Electric Susceptibility, Polarizability. Clausius Mosotti Equation. Classical Theory of Electric Polarizability. Langevin-Debye equation. Complex Dielectric Constant. Optical Phenomena: Plasma Oscillations, Plasma Frequency. Plasmon. Superconductivity: Super conductivity, BCS theory of superconductivity. Experimental Results. Critical Temperature. Critical magnetic field. Meissner effect. Type I and type II Superconductors, London's Equation. High TC Superconductors.						
3	Properties of Nucleus: Elementary ideas on nucleus, Binding Energy of nucleus, properties of nuclear forces, YUKAWA theory. Nuclear models-Liquid drop model and shell models magic numbers Radioactivity: Radioactive disintegration: Law of successive disintegration, transient and secular equilibrium, Alpha decay: Range of alpha particles-Briggs method. Geiger Nuttal law. Gamow's theory of alpha decay, Beta decay: Pauli's neutrino hypothesis, Fermi theory of beta decay, Gamma rays: Attenuation of gamma rays, applications of nuclear; Industrial, medical and agricultural.	12	Srikant E	BLACK BOARD	R1 R2 R3	T2	
4	Interaction of nuclear radiation with matters: Gamma ray interaction through matter, Photoelectric effect, Compton scattering, pair production, and Energy loss due to ionization quantitative description of Bethe block formula, energy loss of electrons.	12	Sripad J	BLACK BOARD	R1 R2	T3	Video animation

<p>Detector for Nuclear Radiations: Gas detectors: estimation of electric field, mobility of particle, for ionization chamber and GM Counter. Basic principle of Scintillation. Detectors and construction of photo-multiplier tube (PMT). Semiconductor Detectors (Si & Ge) for charge particle. Particle Accelerators: Types of accelerators, accelerators facility available in India: Van-de Graff generator (Tandem accelerator), Linear accelerator, Cyclotron, and Betatron.</p>						
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R1-Modern Physics-R Murugesan

R2-Nuclear physics-D C Tayal

R3-Nuclear physics-S N Ghoshal

R4- Solid state physics by A J Dekkar

T1 –Internal test T2-Unit test T3-Slip test

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ACADEMIC SCESSION PLAN: 2023-24
DEPARTMENT OF PHYSICS

Bsc VI Sem

NEP


Paper- 6.2: Electronic Instrumentation and sensors

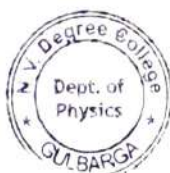
Unit	Topic	Hrs allotted	Name of the staff	Teaching method	Ref.	Assesment method	Web resources
1	Power supply: AC power and its characteristics, single phase and three phase, Need for DC power supply and its characteristics, line voltage and frequency, Rectifier bridge, Filter: Capacitor and inductor filters, L-section and π - section filters, Ripple factor, electronic voltage regulators, stabilization factor, voltage regulation using ICs. Basic electrical measuring instruments Cathode ray oscilloscope-Block diagram, basic principle, electron beam, CRT features, signals display. Basic elements of digital storage oscilloscopes. Basic DC voltmeter for measuring potential difference, extending voltmeter range, AC voltmeter using rectifiers. Basic DC ammeter, requirement of a shunt, extending of ammeter ranges.	12	Sripad J	BLACK BOARD	R3	T1	
2	Wave form generators and Filters: Basic principle of standard AF signal generator: Fixed frequency and variable frequency, AF sine and square wave generator, basic wein-bridge network and oscillator configuration, Triangular and saw tooth wave generators, circuitry and wave forms. Passive and Active filters. Fundamental theorem of filters, Types of filters, Circuitry and Cut-off frequency and frequency response of Passive(RC) and Active(op-amp based) filters; Low pass, high pass and band pass.	12	Radha V K	PPT	R1	T2	Video animations

3	Data Conversion and Display: Digital to analog (D\A) and Analog to Digital(A\D) converters – A\D converters with pre-amplification and filtering. D\A converter-V variable resistor network, Ladder type (R-2r) D\A converter, Op-amp based D\A converters.Digital display systems and indicators-classification of displays, light emitting diodes (LED) and Liquid crystal display (LCD) – structures and working.Data transmission systems –advantages and disadvantages of digital transmission over analog transmission, principle of phase sensitive detection(PSD)	12	Radha V K	BLACK BOARD	R1,R 3	T1	Video animations
4	Transducer and sensors: Definition and types of transducers. Basic characteristics of an electrical transducer, factors governing the selection of a transducer, Resistive transducer-potentiometer, strain gauge and types(general description), resistance thermometer –platinum resistance thermometer. Thermistor. Inductive transducer-general principles, linear variable differential transducer (LDVT) – principle and construction, capacitive transducer Piezo-electric transducer, photo electric transducer, photovoltaic cell, photo diode and phototransistor-principle and working.	12	Sripad J	BLACK BOARD	R1	T3	Video animations

R1-Digital electronics by floyd R2-Introduction to solid state physics and electronics by R K Puri and V K bubble R3-electronics by R S sedha

T1 –Internal test T2-Unit test T3-Sleep test


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Bsc I Sem

NEP

Paper-OE: Sports Science

Unit	Chapter	Topic	Hrs allotted	Name of the staff	Teaching method	Ref	Assesment method	Web resources
1	1	Measurement: Physical quantities. Standards and units. International system of units. Standards of time, length and mass. Precision and significant figures.	13	Sripad J	BLACK BOARD	R1	T1	
	2	Newton's laws of motion: Newton's I law. Force, Mass. Newton's II law. Newton's III law. Mass and weight. Application of Newton's laws.			BLACK BOARD	R2	T2	
	3	Projectile motion: Shooting a falling target. Physics behind shooting, Javelin throw and discus throws.			BLACK BOARD	R1	T2	Video animation
2	4	Conservation laws: Conservation of linear momentum, collisions elastic and inelastic. Angular momentum. (physics behind carom, billiards, racing)	13	Sripad J	BLACK BOARD	R1	T3	
	5	Center of mass: Physics behind cycling, rock climbing, Skating.			BLACK BOARD	R2	T3	
	6	Gravitation: Origin, Newton's law of gravitation. Archimedes's principle, buoyancy (physics behind swimming).			BLACK BOARD	R1	T1	Video animation

3	7	Food and Nutrition: Protiens, vitamins, fat, bloodpressure. Problems due to deficiency of vitamins.	13	Radha V K	BLACK BOARD	R3 R4	T1	
	8	Energy: Different forms of energy, conservation of mass- energy.			BLACK BOARD	R2	T3	
	9	Physical exercises: Walking, Jogging, And running, Weight management			BLACK BOARD	R1	T2	Video animation

R1- Mechanics for entertainment by Yakov Perelman R2- Physics Everywhere by Yakov Perelman R3- Food science by B. Srilaksmi R4- Hand book of food and Nutrition by M. Swaminathan

T1-Unit test T2-Internal test T3- IA Exam



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Bsc II Sem

NEP

Paper-OE: Astronomy

Unit	Chapter	Topic	Hrs allotted	Name of the staff	Teaching method	Ref	Assesment method	Web resources
1	1	Ancient astronomy: Greek, Sumerian, Mayan, Arabic and Chinese observations	13	Radha V K	BLACK BOARD	R1	T1	
	2	Indian astronomy: Vedic astronomy, Ancient- Aryabhata, Varamehera, Bhaskara. Astronomy in Indian scriptures, Equinox			BLACK BOARD	R2	T2	
	3	Invention of telescope, Models of solar system & universe, observations by Tycho Brahe, Kepler, Galileo, Harshal & other. Modern astronomy			BLACK BOARD	R1	T2	Video animation
	4	Optical tools- pinhole, binoculars, telescopes & imaging			BLACK BOARD	R2	T1	
	5	Mathematical observations- angular moment, trigonometric functions, stellar parallax.			BLACK BOARD	R2	T2	
	6	Cardinal directions, Azimuth, altitude, measurement using compass & hand. Equatorial coordinates, light-years, magnitude, colours etc			BLACK BORD	R1	T3	
2	7	Sun-elliptical & the orientation of earth, seasons-solastic & equinox. Observation of sun during seasons, eclipses, zero shadow day, sunspots			BLACK BOARD	R1	T3	

3	8	Moon, Earth-moon system-phases, lunar eclipse, elliptical & lunar orbital plane-nodes, lunar month, full moon names	13	Sripad J	PPT	R2	T3	
	9	Inner planets-Mercury, venues-observational history, observational window, appearance, elongations, superior conjunctions, inferior conjunctions, transits.			BLACK BOARD	R1	T1	Video animation
	10	Outer planets: Mars, Jupiter & Saturn-observational history, observational window, appearance, frequency of oppositions, conjunctions, moons eclipse, Galilean moons, Saturn rings	13	Sripad J		R1 R2		
	11	Observation of stars- March to June Prominent stars & constellations visible during this period. Methods of spotting.				R1 RE2		
	12	Observation of stars- June to September Prominent stars & constellations visible during this period. Methods of spotting.				R1 R2		
	13	Observation of stars- September to December Prominent stars & constellations visible during this period. Methods of spotting.				R1 R2		
	14	Observation of stars- December to march Prominent stars & constellations visible during this period. Methods of spotting.				R1 R2		

R1- P N Shankar A guide to night sky R2- Biman basu Joy of star watching

T1-Unit test T2-Internal test T3-IA Exam

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DEPARTMENT OF HINDI

Session Plan, 2023-2024 (NEP)

Title: Hindi kahani sahitya and Prayojanmulak Hindi

Name: Dr. Dayanand Shastri and Dr. Rohini Shinde

Class: B.Sc. I sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	1. Gulli danda 2. Puraskaar	Traditional method , black board	Munshi premchand book	Test-1	
2	10	1. Panch parameshwar 2. Chappan thole ka kardhan	Traditional method	1. Ranghaya raghav 2. 2. Udaya prakash		
3	10	1. Raja nirbasiya 2. Kaaki	Traditional method	1. Kamalesh war 2. Siyaramsh aran Gupta	Test-2	
4	10	1. Gulki Bannu 2. Mehaman	Traditional method	1. Dharmave er bharati 2. Rajendra yadav		
5	10	1. Jwara bhata 2. Thighre ki mangni	Traditional method	1. Abhimany u anatha 2. Nasirao sharma		
6	5	Kryalaya Hindi: Paribhasha swaroop, Patralekhan, Sankshepan, tippan	Traditional method	Prayojana mulak Hindi	Seminar	
7.	5	Paribhashik Shabdawali: Nirmaan ke siddhant vibhinn kshetro ki paaribhashik shabdawali	Traditional method	Prayojana mulak Hindi		


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Title: Hindi kavya sangrah anuvaad Kushalya

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.Sc. II sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	1. Sakhi ve mujse kahakar jaate 2. Vaha todthi pathar and Vidhava	Traditional method , black board	1. Maithili sharan gupta 2. Suryakant tripathi nirala	Test-1	
2	10	1. Main neerabhari dukha ki Badli 2. Been bhi hun main timhari Ragini bhi hun 3. Samar shesha hain	Traditional method , black board	1. Mahadevi varma 2. Ramadhari sightha dinkar	Assignment	
3	10	1. Nadi ked weep/ Kitani naav main kitani baar 2. Din jaldi jaldi dhalata hain /Garma loha peet	Traditional method , black board	1. Agya 2. Harivans haraya bacchan	Test-2	
4	10	1. Tootha Phiya / Kavita ki Mauth 2. Pretha ka bayan	Traditional method , black board	1. Dharmaveer bharati 2. Nagarjun		
5	10	1. AAmrapaali / Bejagaha 2. Kya tum janate ho/ apni jamin tallash ti bechain stree	Traditional method , black board	1. Anamika 2. Nirmala Putul	Assignment	
6	5	Anuvad Kaushalya: Paribhasha, prakar, Anuvad ke gun	Traditional method , black board	Prayojana mulak Hindi	Seminar	
7.	5	Prayogik anuvad : Hindi se kannada ya angreji main	Traditional method , black board	Prayojana mulak Hindi		

Title: Hindi nataka and sanchara madhyam

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.Sc. III sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment	Web Reference
1	20	Hindi natak: Komal gadhara	Traditional method , black board	Shankar shesh	Test-1	
2	25	Sanchar madhyam- artha evam swarup radio vaartha sakshatkar, Feature	Traditional method , black board	Prayojana mulak Hindi	Test-2	


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Title: Hindi nataka and sanchara madhyam

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.Sc. IV sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment	Web Reference
1	20	1. Anaaro--- Upanyaas	Traditional method , black board	Manjul bhagat	Test-1	
2	25	4. Bhasha ke vividha roop: karyalaya bhashaa, media ki bhaasha vanijya ki bhaasha, machine ki bhaasha	Traditional method , black board	Prayojana mulak Hindi	Test-2	

Title: Hindi gadya ki vidhaye and vyakarana

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.Com. I sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Lalita nibhand: shirish ke phool Gehu aur gulab	Traditional method , black board	1. Dr. Hazari prasaad dwivedi 2. Ramavruksha benapuri	Test-1	
2	10	Samskarana/ rekha chitra 1. Mahatmagandhi 2. Gaura	Traditional method , black board	1. Ramkumar varma 2. Mahadevi varma		
3	10	Reportaj/ yatra vratantha 1. Main aurmain 2. Shantiniketan main	Traditional method , black board	1. Kanahya laal mishra 2. Rahul sakratayan	Test-2	
4	10	Jeevani aunsh/ venghya lekha 1. Sabke dada 2. Theeturata hua Ganatantra	Traditional method , black board	1. Vishnu prabhakar 2. Harishankar parsai	Assignment	
5	10	Ekanki dairy ka aunsh 1. Das hazaar 2. Pravaasi ki dairy	Traditional method , black board	1. Upendranaat h aashka 2. Harivansh raya bacchan	Assignment	
6	5	Vyakaran : roop vichar: vikaari aur avikaari shabhdha aur unke prakaar	Traditional method , black board	Prayojana mulak Hindi	Seminar	
7.	5	Vakya vichara	Traditional method , black board			


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Title: Hindi Kahani sangraha and Hindi media lakhan

Name: Dr. Dayanand Shastri and Dr. Rohini Shinde

Class: B.Com. IIsem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assess ment method	Web Refere nce
1	10	1. Pancha pameshwar 2. Gudadi main laal	Traditional method , black board	1. Munshi premachand 2. Jayashankar prasaad	Test-1	
2	10	1. Cheef ki daawat 2. AArda	Traditional method , black board	1. Bheeshma sahaani 2. Mohan raakesh	Assignm ent	
3	10	1. Sharana data 2. Dopahar ka bhojan	Traditional method , black board	1. Sacchidanand hiranand 2. amarakaant	Test-2	
4	10	1. Laalpan ki begam 2. Jaja saheb	Traditional method , black board	1. Phanishwarna ath renu 2. udayaprakash	Assignm ent	
5	10	1. bilklsh tumkahaan ho? 2. vaapasi	Traditional method , black board	1. Dr. Parimala ambekar 2. Usha priyavada		
6	5	Hindi madhyam lekhan ka sankshipta itihaas madhyamopyogi lekhan: paribhashaa swarup evam prakaar	Traditional method , black board		Seminar	https://hi.wikipedia.org
7.	5	Vignyapan: paribhaasha,swarup evam bhasha vignyapan filmo ki pravidhi	Traditional method , black board			https://hi.wikipedia.org

Title: Hindi Kavya vidha and sarkaari patrachaar

Name: Dr. Dayanand Shastri and Dr. Rohini Shinde

Class: B.Com.IIIsem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assess ment method	Web Refere nce
1	10	1. Kaiakai ka pashyataap 2. Sakhi ve mujse kahakar jaate	Traditional method , black board	Maithili sharan gupta	Test-1	
2	10	1. Todti patthar 2. vidhwa	Traditional method	Suryakaant tripaathi	Assignm ent	
3	10	1. jo beetgayi so baat gayi 2. bhavukata angur lataa se	Traditional method	Harivansharaya bacchan	Test-2	
4	10	1. daak ticket 2. bejagaha	Traditional method	Loka kahaa bigadi se		
5	10	1. Mochi ram 2. Roti aur sansad	Traditional method	Dhumila		
6	5	Sarakaari patra ka artha	Traditional		Seminar	https://



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		evam swaroop, ardha srakaari patra	method			chti.raj bhasha .govt.in
7.	5	Tippan anusmaarak gnyapan	Traditional method			https// hi.wiki pedia.o rg

Title: Hindi naataka aur anuvaad koushalya

Name: Dr. Dayanand Shstry and Dr. Rohini

Class: B.Com.IVsem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assess ment method	Web Refere nce
1	20	Hindi naataka : konarka	Traditional method , black board	Jagadeeshchandra maathur	Test-1	
2	20	1. Hindi se kannada ya angreji main anuvaad 2. Kannada ya angreji se Hindi main anuvaad	Traditional method , black board	Model question papers	Test-2	https// hi.wiki pedia.o rg

Paper: DSC A1: Ktha sahitya

Name: Dr. Dayanand Shastri and Dr. Rohini Shinde

Class: B.A. Isem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assess ment method	Web Refere nce
1	10	1. Parampara evam Vikaas, swaruo evam vidhaan, vihinna vaad evam vicharadharre	Traditional method , black board	Hindi kahaani ka itihaas: Gopaal raya	Test-1	
2	10	Hindi kahaani: udbhava vikaas, tatva evam kahaani ke prakaar	Traditional method	Rajendra yadav		
3	10	Hindi upanyaas : udbhav evam vikaas, tatva evam prakaar	Traditional method	Rajendra yadav	Test-2	
4	10	Kahaniyo ka abhyaas: 1. Usne kahaa tha 2. aakash deep 3. parade 4. Paajeb 5. These 6. Dopahar ka bhojan 7. Panchaparameshwar 8. Hari bindi, salaam	Traditional method	1. Chandradhars harma guleri, jayashankar prasaad, amarakaant 2. DR. Bhalendu shekhar tiwari 3. Laksminaryan a laal	Assignm ent	
5	10	Upanyas ka abhyaas: gumaho ka devatha	Traditional method	Dharmaveera bhaarithi	Seminar	


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Paper: DSC A2 : Hindi Vyaaakarana:

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. Isem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Varana vichaar: Swara venjana, lekhan aur varthani	Traditional method , black board	Vevaharik Hindi vyaakarana thathaa rachana: haradeva baahari	Test-1	
2	10	Shabda vichaar: artha ka aadhaar samanarthak shabda , viloma shabdha	Traditional method , black board	Maanak Hindi vyaakarana aur rachana: Harivansha tharun	Assignment	
3	10	Shabdha rachana : sandhi samaas, upasarga, pratyaya	Traditional method , black board	Vevaharik Hindi vyaakarana thathaa rachana: haradeva baahari	Test-2	
4	10	Padha vichaara: vikaari aur avikaari shabda, sangnya, saravanaam, visheshana	Traditional method , black board	Vevaharik Hindi vyaakarana thathaa rachana: haradeva baahari	Assignment	
5	10	Vaakya vichaar: vaakya ke anga, vaakya vishleshana, vaakya ke bhedha, vaakya ke parivarthana	Traditional method , black board	Maanak Hindi vyaakarana aur rachana: Harivansha tharun	Seminar	

Paper: DSC A3 : Hindi aadhunik kavyaa

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. Isem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Hindi aadhunik kavya : param para, swaroop evam vidhaan, udbhava eam vikaas, kavya ke thathva evam prakaar	Traditional method , black board	Vevaharik Hindi vyaakarana thathaa rachana: haradeva baahari	Test-1	
2	10	Hindi aadhunik kavyaa: Vibhinna vaad evam vichaardhraye, rashtriyatha evam antararasshtriyatha, paramparaa evam aadhunikatha, dalitha vaad, stri vaad	Traditional method , black board	Maanak Hindi vyaakarana aur rachana: Harivansha tharun	Assignment	
3	10	Hindi pratinidhi kavi evam unka kavya loka: Maithili sharan guptha, Prasaad, pantha, Varma, Niraala, Dinakar, Aggeya, Nagarjun	Traditional method , black board	Vevaharik Hindi vyaakarana thathaa rachana: haradeva baahari	Test-2	
4	10	Saaketha: Navam sarga	Traditional method	Maithili shrana Guptha	Assignment	
5	10	Kaamyani: chintaa aur anand sarga	Traditional method ,	Jaya shanka Prasaad	Seminar	



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Paper: DSC A4 :Prayojana mulak Hindi

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. Isem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Hindi ke vibhinna roop, shrijanathamaka bhasha, sanchaar bhaasha, rahja bhasha, madhyam bhaasha	Traditional method , black board	Prayojanamulak Hindi: Dangal Jhalate	Test-1	
2	10	Karyalaya hindi ke pramukha prakaarya: Praropana, Patralekhana, Sankshepana, pallavan, tippan.	Traditional method , black board	Prayojanamulak Hindi: Sanrachana aur prayog: Dr. Madhava sonatakke	Assignment	
3	10	Paribhaashik shabdavali: Swarup evam mahatva, nirmaan ke sidhhanth	Traditional method , black board	Prayojanamulak Hindi ki nayee bhoomika: Kailashnaath Pande	Test-2	
4	10	Sanchaar madhyam main Hindi: Patraakaritha, Dooradarshan, Radio, Vigyapan ke kshetra, Vanijya kshetro main Hindi.	Traditional method , black board	Prayojanamulak Hindi	Assignment	
5	10	Hindi computing: Internet samparka ke upakarana, web publishing, Hindi software	Traditional method , black board	Computer aur Hindi: Dr. Harimohan	Seminar	

Paper: AECC : Hindi Kahaani sahitya aur Hindi vyaakarana

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. Isem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	1. Kajaaki : Munshi premachanda 2. Gunda: Jayashankar prasaad	Traditional method , black board	Katha ganga	Test-1	
2	10	1. Khuuna ka rishta: Bhishma sahaani 2. Aardha Mohan Raakesh	Traditional method , black board	Katha ganga	Assignment	
3	10	1. Tesari kasam phaneswarnath renu 2. Raja nirbasiya,: Kamaleshwar	Traditional method , black board	Katha ganga	Test-2	
4	10	1. Postamaan: Shailesh matiyaani 2. Apana Gaon: Mohan daas Naimishrai	Traditional method , black board	Katha ganga	Assignment	
5	10	1. Mukhota : mamatha kaaliya 2. Sunanda ka darwaaja: Dr. Parimala ambekar	Traditional method , black board	Katha ganga	Seminar	


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6	5	Roopa vichar: vikaari aur avikaari shabda	Traditional method		Assignment	https://hi.wikipedia.org
7	5	Vakyaa vichar: vakyaa ki samarthata, vaakya ke anga, vaakya ke bheda	Traditional method			

Paper: AECC : Hindi Lghu upanyaas aur prayojana mulak hindi

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. II sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1 – 5	10	ABCD	Traditional method ,	Ravindra kaaliya	Test-1	
6	10	Karyalaya hindi ke pramukha prakarya: Praropana, Patralekhana, Sankshepana, pallavan, tippan.	Traditional method , black board	Katha ganga	Assignment	
7		Paribhaashik shabdavali: Swarup evam mahatva, nirmaan ke sidhhanth	Traditional method , black board	Katha ganga	Test-2	

Paper: DSC A5 : Hindi Saahitya ka itihaas (aadikaal aur Madhya kaal)

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. IIIsem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web
1	10	Hindi saahitya ke lekhan ki param paara: Hindi saahitya ka kaala vibhajana, namakarana	Traditional method , black board	Hindi saahitya ki bhoomika: Hazari prasaad dwivedi	Test-1	
2	10	Aadi kaal: paristitiyaa, pravartiyaa, siddha, naatha, jaina, evam raaso kavyaa Pratindhi rachana kaar: Chandabaradayii, Amira khusaro, Vidya pathi	Traditional method , black board	Hindi saahitya ka itihaas: DR. Nagendra	Seminar	https://hi.wikipedia.org
3	10	Bhakti kaal: paristitiya, saahitik pravartiyaa: Santha saahitya, Krishna kaavya, ramabhakti saahitya	Traditional method , black board	Hindi saahitya ka itihaas: DR. Nagendra	Test-2	
4	10	Ritikaal: paristitiya, saahitik pravartiyaa: Ritibhaddha, riti siddha, riti muktha	Traditional method , black board	Hindi saahitya ka itihaas: DR. Nagendra	Assignment	
5	10	Pramukha bhaktikavi aur unka kaavyaa: kabeer jaiyisi, suradaas, tulasidaas, Meerabai, Rasakhaan, Vranda Ritikaalin kavi: Keshava daas , matiraan, bhushan bihaari	Traditional method , black board	Hindi saahitya ka itihaas: DR. Nagendra	Assignment	https://hi.wikipedia.org


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Paper: DSC A6 : Hindi naataka thatha Ranga mancha

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. IIIsem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	15	Nataka kaa swaroop, prakaar Natak ka udbhava evam vikaas	Traditional method , black board	Hindi saahiya ki bhoomika: Hazari prasaad dwivedi	Test-1	
2	15	Rnga mancha ki parikalpana, vyakyhya, prakrati thatha swaroop	Traditional method , black board	Hindi sahityaa ka itihaas: DR. Nagendra	Assignment	
3	10	Ashaad ka ek din (4and 5)	Traditional method , black board	Mohan raakesh	Test-2	https://hi.wikipedia.org

Paper: DSC A7 : Hindi Saahitya ka itihaas (Aadhunikaal)

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. IV sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	AAadhunik kaal : Saamajik, aarthikEvam saanskritik prashta bhoomi, Pramukha pravartiya	Traditional method , black board	Itihaas darshan: Ramavilaas sharma	Test-1	
2	10	Hindi gadyaa sahityaa udbhava evam vikaas: Pramukha gadya prakaaro ka vikaas: kahani, upanyaas, natak, nibhand	Traditional method , black board	Sahitya itihaas aur sanskrthi: shivakumar mishra	Assignment	
3 and 4	10	Hindi kavyaadhaara: parampara evam vikaas, Kaavya ki pramukha daharao ka vikaas: Bharatendu yug, dwivedi yug, chaya vadi yug, nayi kavitha dhara, samakaalin kavitha	Traditional method , black board	Hindi sahityaa ka itihaas: DR. Nagendra	Test-2	https://hi.wikipedia.org
5	10	PPramukha saahityakaron ka adhyayan: bharatendu harishchandra, mahaaviir prasaad dwivedi, Maithili sharana gupta, Prasaad manu bhandhari niraala	Traditional method , black board	Hindi sahityaa ka Athiitha bhag: Vishwanaath prasaad mishra	Assignment	


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Paper: DSC A8 : Hindi Saahityik nibhand

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. IV sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	1. Samajik sankat aur saahitya 2. Prachina bhaarat ke vishwa vidyalaya	Traditional method , black board	1. Naamaveer singh 2. Gajaanan madhav mukthi bhoodha	Test-1	https://hi.wikipedia.org
2	10	1. Bharatiya dharma sandhan mai kabeer ka sthaan 2. Kaavya main loka mangala ki saadhanaawastha	Traditional method , black board	1. Hazaari prasaad dwivedi 2. Ramachandra shukla	Seminar	
3	10	1. Vishwa ki pracheenatha kavayatriya 2. Stri vimarsha	Traditional method , black board	1. Suman raaje 2. Rohini agrawaal	Test-2	https://hi.wikipedia.org
4		1. Dalitha saahitya ka soundarya shaakha 2. Jala se jaathitika	Traditional method , black board	1. Omaprakaash vaalmiki 2. Prof. Parimala Ambekar	Seminar	
5	10	1. Kalaa ka vivechana 2. Tulasi saahitya ke saamanth virodhi mulyaa	Traditional method , black board	1. Shyamasundar daas 2. Dr. Raam vilaas sharma	Assignment	

Paper: DSC A9 : Samakaaleen Hindi

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. V sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web
1	10	Samakaalin saahitya: swaroop evam sidhaanth	Traditional method , black board		Test-1	
2	10	Samkaalin Kavitha: 1. Jana jana kaChehara ek 2. Roti aur saansad- 3. Raamdaas raghuveer sahaya 4. Puthali main sansaar-Zandu aur kalam- 5. Til tilakar- Aurath aur ghar- Pahaad par laalaten	Traditional method , black board			https://hi.wikipedia.org


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3	10	Samakaalin saahityaa 1. Samakaalin katha saahitya ki ramukha pravratthyaa 2. Samakaalin katha karon ka vyaktitva aur rachana sansaar	Traditional method , black board		Test-2	
4		Samakaali kahaaniyo ka abhyaas 1. Chappan thole ka karadhaanApani kokhaMain Jiti-ravakumar sambhavariya 2. BahaneBilkim tum kaha hon	Traditional method , black board			https://hi.wikipedia.org
5	10	Samakaali upanyaas ka abhyaas: Maayi-	Traditional method , black board	Geethanjali shri	Assignment	https://hi.wikipedia.org

Paper: DSC A10 : Raashtriya Chetana

Name: Dr. Dayanand Shastri and Dr. Rohini Shinde

Class: B.A. V sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	1. Rashtriya chetana ka artha evam paribhashaa 2. Rashtriya chetana ka swarup evam prarathiya 3. Hindi saahitya main rashtriya chetana ka udbhava aur vikaas	Traditional method , black board		Test-1	https://hi.wikipedia.org
2	10	1. Navajagarana aur rashtriya aandolana 2. Rashtriya chetana aur hindi saahityaa	Traditional method , black board		Seminar	
3	10	Raashtriya chetana aur Hindi nibhand: 1. Bharat varshonnati kaise ho sakti hain 2. Dharati aur dhyani 3. Bharatiyatha 4. Andhakaar se jujhana hain 5. Rashtriyata	Traditional method , black board		Test-2	https://hi.wikipedia.org
4	10	Raashtriya chetana aur Hindi Jivaniya 1. Mahatma Gaandhi, Sardar Vallabhai Patel, Bhagat Singh, Lal Bahadur Shastri, Subhashchandra Bose	Traditional method , black board		Seminar	
5	10	Raashtriya chetana aur Hindi Kavitha 1. Ramdhaarsingh Dinakar:	Traditional method ,		Assignment	


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		<p>Simhaasam khaali karon ki janatha aathi hain, Kalam, AAJ unki jaya bolo</p> <p>2. Maithili aharana Gupta: Bharati Bharati, Maatrabhumi</p> <p>3. Sohana laal Dwivedi: Mera Desh , Koshish karane vaalo ki haar nahi hoti</p> <p>4. Subhadra kumari chavaan: JANSI KI RAANI, Veeron ka kaisa ho vasanth.</p> <p>5. Maakhan laal chaturcedi: Pushpa ki abhilaasha , Amar raashtra</p>				
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Paper: DSC A11 : Tulanatmaka saahityaa

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. VI sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	<p>1. Tulanatmaka adhyana ka swarup</p> <p>2. Tulanatmaka adhyana ka uddesh</p> <p>3. Tulanatmaka adhyana ki avashyakatha aur mahatva</p>	Traditional method , black board		Test-1	https://hi.wikipedia.org
2	10	<p>Tulanatmaka adhyana ke sidhanth</p> <p>1. Tulanatmak adhyan ki samasyaye</p> <p>2. Tulanatmak adhyana ki Dishanye</p>	Traditional method , black board			
3	10	<p>Hindi aur Kannad Kaviyon ka Tulanatmak Adhyaayan</p> <p>1. Kabir aur Basaweshwar</p> <p>2. Meera aur Akkamahadevi</p>	Traditional method , black board		Test-2	
4		<p>Hindi aur Kannad saahitya kaaro ka tulanatmaka adhyana</p> <p>1. Girish karnad aur Mohan raakesh</p> <p>2. Premachand aur Shivaram Kaaranth</p>	Traditional method , black board		Seminar	https://hi.wikipedia.org
5	10	<p>Hindi kannada saahitya/ vicharadharaon ka Tulanatmak Abhyaas</p> <p>1. Hindi kannad Swachandatawaadi Vicharadhaara</p> <p>2. Hindi Kannad Pragativaadi Vichardhaara</p>	Traditional method , black board		Assignment	


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Paper: DSC A12 : sahitya shastra chand aur alankaar

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. VI sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Sahitya: Artha swarup, paribhasha sahitya aur jeevan sahitya aur samaaj	Traditional method , black board	Kavyaashastra- Bhageerath mishra	Test-1	https://hi.wikipedia.org
2	10	1. Bharatiya sahitya shastra ka abhyaas: bharatiya shastra ka udbhava aur vikaas, vividh sampradaaya(ras, alankaar, reeti, dwani aur vakruti sampradaaya) 2. Pashchatyaa saahityashastra ka abhyaas: udbhava aur vikaas ,plato lonzanous, cronche, T.S Eliat.	Traditional method , black board	Kaavya ke roop- Gulabraya		
3	10	Kavya ki paribhaasha evam lakshan, kaavya ke bhed, kavya hatu, kavya prerana aur prayojana	Traditional method , black board	Hindi kaavyashastra ke parampara- Dr. Vishwanaath pandya	Test-2	https://hi.wikipedia.org
4	10	Chanda shastra ka abhyaas: Paribhaasha, prakaar 1. Maatrik chand/ Dohaa, sortha, chopaya, geetika 2. Varnik chand: Maalini, mandakranta, indra vraja, shadurlavi	Traditional method , black board	Rasa chanda- Dharma paarayana pande	Seminar	
5	10	Alankaar shastra ka abhayaas:Paribhaasha, alankaaron ke prakaar Shabdaalankaar ke bhed/ Anupraas, yamak, shlesh , vakruti Arthalankaar ke bhed: Upama, rupak, utpreksha, virodhabhaas	Traditional method , black board		Assignment	

Paper: DSC A13 : Bharatiya saahitya

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. VI sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Bharatiya saahityaki avadharana evam swarup.	Traditional method ,	Bhartiya Sahitya ki bhoomika-Ramvilas	Test-1	https://hi.wiki


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		Bharatiya saahitya ki adhyan ki samasyaye Bharatiya saahitya main aaj ke bhaarat ka bimb Bharatiya saahitya main rashtriyata ka bhaav Bharatiya saahitya main bharatiya mulya ki abhivekti	black board	sharma		pedia.org
2	10	Kannada upanyaas: Udbhava aur vikaas, upnyaason ke prakaar Abhyaas ke liye nirdhaarith upanyaas: shikaari	Traditional method , black board	Bhartiya sahitya ke etihis ki samasya- Ramvilas sharma		
3	10	Marathi naatak saahitya: Udbhava aur vikaas, Naatakon ke prakaar	Traditional method , black board		Test-2	https://hi.wikipedia.org
4	10	Marathi Naatak : Khaamosh, adalath jaari hain	Traditional method , black board	Bhartiya sahitya – Dr .Pratibha Mudliyar	Seminar	
5	10	Bangala Kavya:Udabhav aur vikas Adhyan ke liye nirdharit Bangala Kavi aur Unki kavitaye. Ravindra Taigore Ki Kavitaye: 1Chal Tu Akela.2.Ansuni Karke3.Vipadao Se Raksha Karo Yah na Meri Prathana 4Nahi Magta 5Rona Bekar Hai	Traditional method , black board		Assignment	

Paper: DSC A14 : Bhasha Vigyan

Name: Dr. Dayanand Shastry and Dr. Rohini Shinde

Class: B.A. VI sem

Unit No.	Hours allotted	Topic	Teaching Method	Reference	Assessment method	Web Reference
1	10	Bhasha ki paribhasha aur Abhikshan,Likhit Aur Uccharit bhasha,Bhasha aur Boli,Bhasha Vigyan Aur Vyakaran,Bhasha ki utapatti, Bhasha parivartan ke karan	Traditional method , black board	Bhaasha vignyaan_ Bholanaath tiwari	Test-1	https://hi.wikipedia.org
2	10	Bhasha Vigyan Ke Adhyan Ki Dishaye-Varnatmak,Eitihisik Aur Tulnatmak	Traditional method , black board	Samanya bhaasha vignyaan- Baaburao sexasena	Seminar	
3	10	Swan Vigyan :Swan Prakriya ,Swan Vigyan ka swarup aur Shakhaye,Dhawani Yatra,Dhawani Avayav Aur Unke Karya,Swar ki Avdharana aurSwano ka vargikaran,Swan –gun,Swaniik Parivartan,Swanim vigyan ka	Traditional method , black board	Bhaasha vignyaan saidhanthic chintan- Ravindranaath shrivatsav	Test-2	https://hi.wikipedia.org



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		swaroop,paribhasha ,swanimke bhed,Dgwani Parivartan ke karan aur dishaye,dwani niyam.				
4	10	Roop Vigyan: Roop Prakriya ka swaroop aur shakhaye,roopim ki avdharana aur bhed –Mukt ,Avadha Arthadashi,aur samband darshi,roopim ke bhed aur prakarya,Vakya ki avadharana,Abhihintyatvaad aur atitbhidhaan,vakya ke bhed.	Traditional method , black board			
5	10	Artha Vigyan : Artha ki avadharna,Shabad aur Arth ka Samband Ka samband,Prayata Anekatārtha ,Vilomata,Artha Parivartan ke karan aur dishaye,Bhashao ka akrutimulak vargikaran	Traditional method , black board		Assignment	

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Semester -1st SEM

Music Session plan for the Academic Year 2023-24

Program : **UG Music**

Course : **Hindustani Music vocal and Tabla**

Staff Name : **Dr. Raghavendra kulkarni**

Course Outcomes:

- 1) At the end of course the students will be able to get the Historical development of music at early stage, knowledge about musical instruments and terms
- 2) At the end of course the students will be able to write bandish in swarlepi / taal lipi paddhati, students will be able to Demonstrate taalas
- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.

Note: Theory paper Common for Vocal and Tabla.

Unit	Topic	Learning hours	Teaching Methods	References	Assessment Method
Unit -1	knowledge of Technical terms (vocal and tabla),	14	Theory	RA: 1	Assessment
Unit – 2	Origin of Hindustani Music, Knowledge of swara leepi and taal lipi paddhati. Of Pt. Bhatkhande	14	Theory	RA: 2	Assessment
Unit – 3	Importance of Taal and laya Taanpura and tabla Knowledge of chota kayal and kayada.	14	Theory	RA: 3	Assessment

Text Book / Reference

1. RA 1 Sangeet visharada by vasant, Hathras publications
2. RA 2 Kramik pustka malika – valume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 Tabla ka ugam – vikas aut vadanashailiyan by yogamaya shukla . Dehli university.


ಪುಸ್ತಕ ವಿಭಾಗ

ನಂ. 1, ಎ. ಪದವಿ ಮಹಾ ವಿದ್ಯಾಲಯ
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Semester –IInd SEM

Music Session plan for the Academic Year 2023-24

Program : **UG Music**

Course : **Hindustani Music vocal and Tabla**

Staff Name : **Dr. Raghavendra kulkarni**

Course Outcomes:

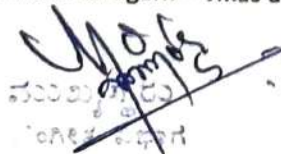
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- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.

Note: Theory paper Common for Vocal and Tabla.

Unit	Topic	Learning hours	Teaching Methods	References	Assessment Method
Unit -1	knowledge of Technical terms (vocal and tabla),	14	Theory	RA: 1	Assessment
Unit – 2	Origin of Karnataki Music, knowledge of swara leepi and taal lipi paddhati. Of Pt. paluskar	14	Theory	RA: 2	Assessment
Unit – 3	Origin of Khayal Gayaki Sketch and lebal of flute / Pakhawaj Knowledge of swaralepi and taal lipi	14	Theory	RA: 3	Assessment

Text Book / Reference

1. RA 1 Sangeet visharada by vasant, Hathras publications
2. RA 2 Kramik pustka malika – volume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 Tabla ka ugam – vikas aut vadanashailiyan by yogamaya shukla . Dehli university.


ಪುಸ್ತಕ ಮರು ಪರಿಶೀಲನೆ
ಪ್ರಾಚಾರ್ಯರು

ಶ್ರೀ. ವಿ. ಪದವಿ ಮಹಾವಿದ್ಯಾಲಯ
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Music Session plan for the Academic Year 2023-24

Program : UG Music

Course : Hindustani Music vocal and Tabla

Staff Name : Prof: Mahesh kumar E. Badiger

Course Outcomes:

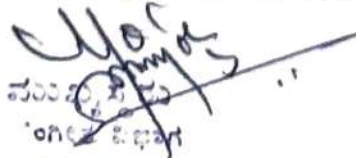
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- 2) At the end of course the students will be able to write bandish in swaraleepi / taal lipi padhati, students will be able to Demonstrate taalas
- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.

Note: Theory paper Common for Vocal and Tabla.

Unit	Topic	Learning hours	Teaching Methods	References	Assessment Method
Unit -1	Development of music in Ramayan period, Detail study of Gandharva Gayana, Study of various instruments of in Ramayana Period .	14	Theory	RA: 1	Assessment
Unit - 2	Study of Desi sangeet in Ramayan period, Study of Margiya sangeet in Ramayan period, study of gram gaana system.	14	Theory	RA: 2	Assessment
Unit - 3	Study of murchana Gayana system Study of Ravana vadya in Ramayana period Study of technical terms	14	Theory	RA: 3	Assessment

Text Book / Reference

1. RA 1 Sangeet visharada by vasant, Hathras publications
2. RA 2 Kramik pustka malika – volume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 Tabla ka ugam – vikas aut vadanashaliyan by yogamaya shukla . Dehli university.


ಪ್ರಾಚಾರ್ಯ
ಮಹೇಶ್ ಕುಮಾರ್ ಎ. ಬಾದಿಗರ್

ಪಿ. ಎ. ಪದವಿ ಪಾಠ ವಿಶ್ವವಿದ್ಯಾಲಯ
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Semester –IVth SEM

Music Session plan for the Academic Year 2023-24

Program : **UG Music**

Course : **Hindustani Music vocal and Tabla**

Staff Name : **Prof: Mahesh kumar E. Badiger**

Course Outcomes:


- 1) At the end of course the students will be able to get the Historical development of music at early stage, knowledge about musical instruments and terms
- 2) At the end of course the students will be able to write bandish in swaraleepi / taal lipi padhati, students will be able to Demonstrate taal as
- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.

Note: Theory paper Common for Vocal and Tabla.

Unit	Topic	Learning hours	Teaching Methods	References	Assessment Method
Unit -1	Study and development of music in mahabharat period, Study and development of musical instruments, Study and development of Mrudang instruments	14	Theory	RA: 1	Assessment
Unit – 2	Origin of folk music in karnataka. Study of technical terms, Short notes	14	Theory	RA: 2	Assessment
Unit – 3	BIOGRAPHY Pt. Bheemsen joshi Pt. Panchakshari gavai Pt. Siddharam jambaldinni	14	Theory	RA: 3	Assessment

Text Book / Reference

1. RA 1 : Sangeet visharada by vasant, Hathras publications
2. RA 2 : Kramik pustka malika– valume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 : Tabla ka ugam – vikas aut vadanashaillyan by yogamaya shukla . Dehli University.


ಪ್ರಾಚಾರ್ಯ
ಮಹೇಶ್ ಕುಮಾರ್ ಎ. ಬಾದಿಗರ್
ಸಿ. ಎ. ಪದವಿ ಪಾಠಶಾಲೆಯ
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Semester -Vth SEM

Music Session plan for the Academic Year 2023-24

Program : **UG Music**

Course : **Hindustani Music vocal and Tabla**

Staff Name : **Dr. Raghavendra kulkarni**

Course Outcomes:

- 1) At the end of course the students will be able to get the Historical development of music at early stage, knowledge about musical instruments and terms
- 2) At the end of course the students will be able to write bandish in swaraleepi / taal lipi padhati, students will be able to Demonstrate taal as
- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.


Note: Theory paper Common for Vocal and Tabla.

Unit	Topic	Learning hours	Teaching Methods	References	Assessment Method
Unit -1	Writing knowledge of swara lipi padhati and taal lipi padhati, Study of charma vadya in music.	15	Theory	RA: 1	Assessment
Unit – 2	Detail study of swara and taal Development of music in Moghal period	11	Theory	RA: 2	Assessment
Unit – 3	Study of Technical terms Importance of saath sangat	15	Theory	RA: 3	Assessment
Unit – 4	BIOGRAPHY Pt.Samata prasad Pt. K.S.Hadapad Pt. Basavaraj Rajguru Pt.Manik rao Raichur Detail study of Ragas	15	Theory	RA: 4	Assessment

Text Book / Reference

1. RA 1 : Sangeet visharada by vasant, Hathras publications
2. RA 2 : Kramik pustka malika – valume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 : Tabla ka ugam – vikas aut vadanashailiyan by yogamaya shukla . Dehli University.
4. RA 4 : Hindustani sangeet gararu-by Rajeev hiremath.




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Semester –VIth SEM
Music Session plan for the Academic Year 2023-24

Program : UG Music

Course : Hindustani Music vocal and Tabla

Staff Name : Dr. Raghavendra kulkarni

Course Outcomes:

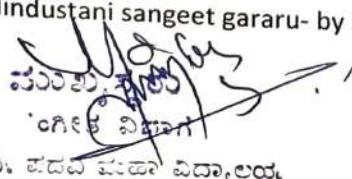
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- 3) At the end of course the students will be able to sing/play swaralankars, vilambit and drut Compositions with alap and tans of prescribed ragas in syllabus, train the students of percussion instruments to play different composition.

Note: Theory paper Common for Vocal and tabla.

Unit	Topic	Learning hours	Teaching Methods	Reference	Assessment Method
Unit -1	Writing knowledge of swara lipi padhati and taal lipi padhati, Study of Dashaprana	15	Theory	RA: 1	Assessment
Unit – 2	Origin of khayal Gayaki, Study of Tabla Gharana.	11	Theory	RA: 2	Assessment
Unit – 3	Study of Vocal Gharana parampara. study of music in madhya kaal	15	Theory	RA: 3	Assessment
Unit – 4	BIOGRAPHY Vidhushi Saroja Anagarkar Dr. Gangubai Hanagal Pt. Basavaraj Bendigeri Pt. Kishan maharaj Development of music in the independent period.	15	Theory	RA: 4	Assessment

Text Book / Reference

1. RA 1 : Sangeet visarada by vasant, Hathras publications
2. RA 2 : Kramik pustka malika – volume, 1,2,3,4,5,6. By Bhatkhande Hathras publications.
3. RA 3 : Tabla ka ugam – vikas aut vadanashailiyan by yogamaya shukla . Dehli University.
4. RA 4 : Hindustani sangeet gararu- by Rajeev hiremath.


ಪುಸ್ತಕ ವಿಭಾಗ
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