Guidance for Competitive exam

The current era is full of competition and the students should appear in number of competitive examinations. All the students should be encouraged and guided to prepare for such challenging examinations. Various departments are conducting their regular classes and various activities while keeping a track with the need of the day. The institute sometimes conduct special lectures and different competitive classes for the development of the students. Number of students derives benefit of the activities conducted by this. They acquire knowledge about how to plan and prepare tactfully for the examinations. Through interactions they recognize their true potentials and abilities to attain success. Regular classes are held for Engineering students (GATE), Pharmacy graduates (GPAT), basic science students (NET) and other courses scholars for preparation of examination like NISM, ICAR, Judiciary classes etc.

The Graduate Aptitude Test in Engineering (GATE) is an examination which primarily assesses the comprehensive understanding of various undergraduate

subjects in engineering and science, for admission into the Masters Program and recruitment by some Public Sector Companies.

The National Eligibility Test (NET), also known as UGC NET or NTA-UGC-NET, is the examination for determining the eligibility for the post of assistant professor and/or Junior Research Fellowship award in Indian universities and colleges. The Teacher Eligibility Test, known as TET, is the minimum qualification required in India for a person to be eligible for an appointment as a teacher for Classes I to VIII. The test is mandatory for teaching jobs in Indian government schools.Candidates should have obtained a Diploma in Education or Bachelor of Education (B. Ed) or completed any other prescribed teacher training programme/course.

Lower Judiciary Services – The eligibility criteria for appearing in Judicial Services Examination is a degree in LL. B and he/she can be enrolled or qualified to be enrolled as an Advocate under the Advocates' Act 1961. No experience is required and final year candidates can also appear.

NISM :Anyone who is 18 years and above can participate in the NISM exam and become a mutual fund distributor/ advisor. There is no educational qualification listed as per the Association of Mutual fund (AMFI) website. (BBA and B Com).

Students benefited by guidance for competitive examinations offered by the Institution during the 2020-21

Deptt	Year	Name of the Activity	Participants	Page/Hyperlink
B.TECH (CEA)	2020-21	Gate Preparation	8	4
B.TECH (EC)	2020-21	Preparation classes for GATE	8	9
B.TECH (ECE)	2020-21	GATE Preparation Program	8	11
B.TECH (EE)	2020-21	GATE Preparation Program	30	13
B.TECH (ME)	2020-21	GATE classes	36	20
Biotechnology	2020-21	Competitive exam Preparation	2	33
Chemistry	2020-21	Competitive exam preparation-IIT-JAM	10	37
Education	2020-21	Special classes for the preparation of TET/CTET	14	41
IBM PG	2020-21	Preparation classes for NISM [MBA]	69	43
IBM UG	2020-21	Classes of Developing Competitive Edge	22	51
IPR	2020-21	Graduate Pharmacy Aptitude Test (GPAT Classes)	14	58
Mathematics	2020-21	GATE Preparation Program	3	61
Physics	2020-21	GATE Preparation Program	6	67
Agriculture	2020-21	GATE Preparation Program	51	70
LAW	2020-21	CORPORATE PREPARATION	11	74
LAW	2020-21	JUDICIAL PREPARATION STEP BY STEP	53	85

GLA UNIVERSITY MATHURA

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Competitive Exam Report (2020-21)

Department of Computer Engineering & Applications

About GATE 2021

Qualifying in GATE is a mandatory requirement for seeking admission and/or financial assistance to Postgraduate Programs (Master's and Doctoral) with Ministry of Education (MoE) and other Government Scholarships / Assistantships, subject to the admission criteria of the admitting institute.

The GATE score is also used by some Public Sector Undertakings (PSUs) for their recruitment and by several other universities in India and abroad for admissions.

GATE exam score will remain valid for THREE YEARS from the date of announcement of results.

Competitive Exam Report (2020-21)

Department of Computer Engineering & Applications

Notice

Date:05-10-2020

All students of B. Tech. III year and IV year are informed that GATE classes are being arranged from August 2020 onwards. All the interested students can give their names in the department for the same till 15th Oct, 2020.

Programme Name - B. Tech. (CSE)

Semester/Section - VII/V/All

Session - 2020-21

Name of Faculty- Mr.Kailash Kumar/Mr. Himanshu Sharma

Designation -Assistant Professor

Subject - GATE 2021 for CSE

Date: 26-Oct - 2020

Timing - 4-6 pm

Venue - Room No. 425, AB-I

(Prof. Anand Singh Jalal)

Head of Department, CEA

Head of Department
Computer Engineering & Applications
Institute of Engineering & Technology
GLA University, Mathura

Competitive Exam Report (2020-21)

Department of Computer Engineering & Applications

Syllabus

CS	Computer Science and Information Technology

General Aptitude(GA): Common Syllabus for all papers

The GATE CS Syllabus consists of GA section which will follow the same pattern of questions and marking scheme for all the papers of GATE 2019. This section is considered to be easy and will test your English skills and general numeric ability.

Verbal Ability: English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.

Numerical Ability: Numerical computation, numerical estimation, numerical reasoning and data interpretation.

Section1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices.Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.

Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.

Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.

Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions.Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

Computer Science and Information Technology

Section 2: Digital Logic

Boolean algebra. Combinational and sequential circuits.Minimization.Number representations and computer arithmetic (fixed and floating point).

Section 3: Computer Organization and Architecture

Machine instructions and addressing modes. ALU, data□path and control unit.Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

Section 4: Programming and Data Structures

Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

Section 5: Algorithms

Searching, sorting, hashing. Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide□and□conquer. Graph search, minimum spanning trees, shortest paths.

Section 6: Theory of Computation

Regular expressions and finite automata. Context-free grammars and push-down automata.Regular and contex-free languages, pumping lemma.Turing machines and undecidability.

Section 7: Compiler Design

Lexical analysis, parsing, syntax-directed translation. Runtime environments.Intermediate code generation.

Section 8: Operating System

Processes, threads, inter□process communication, concurrency and synchronization. Deadlock.CPU scheduling.Memory management and virtual memory. File systems.

Section 9: Databases

ER□model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.

Section 10: Computer Networks

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Competitive Exam Report (2020-21)

Department of Computer Engineering & Applications

Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.

Ref No- GATE/Virtual/2020-21/12

Date-19-09-2020

NOTICE

This is bring to your kind notice that, Department of ECE is going to conduct online weekend GATE Preparation class for B.Tech EC (3rd and 4th year) students . This class will be conducted on every Saturday in online mode starting from 3rd October, 2020. Interested students are directed to contact Dr. Manish Kumar (Asst. Prof ECE Department) for more details.

I request you to attend this course.

Mr. Anjan Kumar
Competitive Examination Preparation Co-Ordinator
Department of ECE
GLA University, Mathura

Copy to:

1. PA to HOD ECE
2. Notice Boards of hostels and Department
3. Dean Academic

GATE Preparation Time-Table Deptt of EC Session: 2020-21

wef 3rd oct 2020

Period	1	2	3	4	5	6	7	8
DAY/TIME	10:00-11:00	11:00-12:00	12:00-01:00	01:00-02:00	02:00-3:00	3:00-4:00	4:00-5:00	5:00-6:00
1st Saturday	Math						Digital Electronics	
2nd Saturday	Network Analysis						Analog Electronics	
3rd Saturday	Math						Digital Electronics	
4th Saturday	Communication		Control System					

Department of Electronics & Communication Engineering

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Syllabus to be covered in preparation class

Section 1: Engineering Mathematics

Linear Algebra: Vector space, basis, linear dependence and independence, matrix algebra, eigenvalues and Eigen vectors, rank, solution of linear equations – existence and uniqueness.

Differential Equations: First order equations (linear and nonlinear), higher order linear differential equations, Cauchy's and Euler's equations, methods of solution using variation of parameters, complementary function and particular integral, partial differential equations, variable separable method, initial and boundary value problems.

Vector Analysis: Vectors in plane and space, vector operations, gradient, divergence and curl, Gauss's, Green's and Stoke's theorems.

Probability and Statistics: Mean, median, mode and standard deviation; combinatorial probability, probability distribution functions - binomial, Poisson, exponential and normal; Joint and conditional probability; Correlation and regression analysis.

Section 2: Networks, Signals and Systems

Network solution methods: Nodal and mesh analysis; Network theorems: superposition, Thevenin and Norton's, maximum power transfer; Wye-Delta transformation; Steady state sinusoidal analysis using phasors; Time domain analysis of simple linear circuits; Solution of network equations using Laplace transform;

Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic silicon; Carrier transport: diffusion current, drift current, mobility and resistivity; Generation and recombination of carriers; Poisson and continuity equations; P-N junction, Zener diode, BJT, MOS capacitor, MOSFET, LED, photo diode and solar cell; Integrated circuit fabrication process: oxidation, diffusion, ion implantation, photolithography and twin-tub CMOS process.

Section 4: Analog Circuits

Small signal equivalent circuits of diodes, BJTs and MOSFETs; Simple diode circuits: clipping, clamping and rectifiers; Single-stage BJT and MOSFET amplifiers: biasing, bias stability, mid frequency small signal analysis and frequency response; BJT and MOSFET amplifiers: multi-stage, differential, feedback, power and operational; Simple op-amp circuits

Section 5: Digital Circuits

arithmetic circuits, code converters, multiplexers, decoders and PLAs; Sequential circuits: latches and flip-flops, counters, shift-registers and finite state machines; Data converters: sample and hold circuits, ADCs and DACs; Semiconductor memories: ROM, SRAM, DRAM; 8-bit microprocessor (8085): architecture, programming, memory and I/O interfacing.

Section 6: Control Systems

Basic control system components; Feedback principle; Transfer function; Block diagram representation; Signal flow graph; Transient and steady-state analysis of LTI systems; Frequency response; RouthHurwitz and Nyquist stability criteria; Bode and root-locus plots; Lag, lead and lag-lead compensation; State variable model and solution of state equation of LTI systems.

Section 7: Communications

Random processes: autocorrelation and power spectral density, properties of white noise, filtering of random signals through LTI systems; Analog communications: amplitude modulation and demodulation, angle modulation and demodulation, spectra of AM and FM, super heterodyne receivers, circuits for analog communications; Information theory: entropy, mutual information and channel capacity theorem.

Preparation In charge

Mr. Anjan Kumar

HOD(ECE)

Prof. Vinay Kumar Deolia

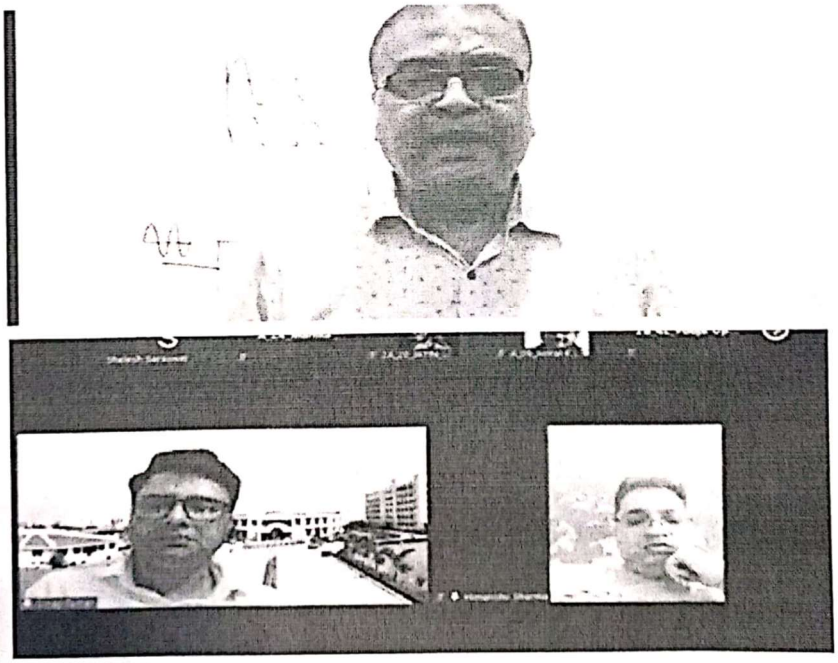
Activity Report

Department of Electronics &Communication Engineering

Name of Activity	:	GATE Preparation Program
Date and Duration	:	03-10-2020 to 05-12-2020. (2 months)
Resource Person	:	In house Subject expert from ECE Department
No. of Participants	:	8 Students

Event Overview

The Electronics and Communication Engineering department organized a two months' online weekend special class for the Preparation of GATE Examination. The class started with a motivational lecture of the head of the department, Prof Vinay Kumar Deolia. Through his talk, he explained the importance of GATE exam, a method for preparation, important topics on which more questions are asked and books required for preparation. Qualifying GATE examination with an excellent score not only offers the chance to get admission to M.Tech in premier institutes like IITs and NITs but also offers job openings in public sector companies. Important and selected key concepts of Digital electronics, Network Analysis, Analog and Digital communication, Analog Electronics, mathematics and Control systems were discussed by various teachers of the department. A total of eight students of the ECE department and a few junior faculty members attended the lecture.



Inaugural session taken by Prof Vinay Kumar Deolia (Head ECE)

Electronics & Communication Engg.
GLA University, Mathura

Department of

Electrical Engineering

GLA UNIVERSITY MATHURA
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Department of

Electrical Engineering

(Institute of Engineering and Technology)

Notice

Date:10.5.2020

This is to inform all the student of B.Tech EE/EN final year that department is going to conduct prepatory class for GATE exam. Interested students can contact Mr. Arvind Yadav to register their name before 22nd May 2020. Class are online schedule and other necessary details will be shared by 29th May 2020.

Mr. Arvind Yadav
Gate Co-ordinator
Department of Electrical Engineering

Dr. Sanjay Maurya
Incharge/HoD
Department of Electrical Engineering

Head of Department
Electrical Engg.
GLA University, Mathura

Department of

Electrical Engineering

SCHEDULE

Schedule for GATE Classes 2020-21				
Sr. No.	**Week**	**Date**	**8:00 AM-9:00 AM**	**2:00 AM-3:00 AM**
1	**Week - 1**	4-Jun-2020	Electric Circuit	Power System
2		5-Jun-2020	Electric Circuit	Power System
3		6-Jun-2020	Electric Circuit	Power System
4		7-Jun-2020	Electric Circuit	Power System
5		8-Jun-2020	Electric Circuit	Power System
6	**Week - 2**	11-Jun-2020	Engg. Mathematics	Power Electronics
7		12-Jun-2020	Engg. Mathematics	Power Electronics
8		13-Jun-2020	Engg. Mathematics	Power Electronics
9		14-Jun-2020	Engg. Mathematics	Power Electronics
10		15-Jun-2020	Engg. Mathematics	Power Electronics
11	**Week - 3**	18-Jun-2020	Electric Machines	Control System
12		19-Jun-2020	Electric Machines	Control System
13		20-Jun-2020	Electric Machines	Control System
14		21-Jun-2020	Electric Machines	Control System
15		22-Jun-2020	Electric Machines	Control System
16	**Week - 4**	25-Jun-2020	Signals & Systems	Electric Machines
17		26-Jun-2020	Signals & Systems	Electric Machines
18		27-Jun-2020	Signals & Systems	Electric Machines
19		28-Jun-2020	Signals & Systems	Electric Machines
20		29-Jun-2020	Signals & Systems	Electric Machines
21	**Week - 5**	2-Jul-2020	Power System	EMFT

Department of

Electrical Engineering

22		3-Jul-2020	Power System	EMFT
23		4-Jul-2020	Power System	EMFT
24		5-Jul-2020	Power System	EMFT
25		6-Jul-2020	Power System	EMFT
26	**Week - 6**	9-Jul-2020	EMFT	Electrical & Electronics Measuring Instruments
27		10-Jul-2020	EMFT	Electrical & Electronics Measuring Instruments
28		11-Jul-2020	EMFT	Electrical & Electronics Measuring Instruments
29		12-Jul-2020	EMFT	Electrical & Electronics Measuring Instruments
30		13-Jul-2020	EMFT	Electrical & Electronics Measuring Instruments
33	**Week - 7**	16-Jul-2020	Electrical & Electronics Measuring Instruments	Digital Electronics
34		17-Jul-2020	Electrical & Electronics Measuring Instruments	Digital Electronics
35		18-Jul-2020	Electrical & Electronics Measuring Instruments	Digital Electronics
36		19-Jul-2020	Signals & Systems	Digital Electronics
37		20-Jul-2020	Signals & Systems	Digital Electronics
38	**Week - 8**	23-Jul-2020	Engg. Mathematics	Digital Electronics
39		24-Jul-2020	Engg. Mathematics	Digital Electronics
40		25-Jul-2020	Engg. Mathematics	Digital Electronics
41		26-Jul-2020	Engg. Mathematics	Signals & Systems
42		27-Jul-2020	Engg. Mathematics	Signals & Systems

Department of

Electrical Engineering

FACULTY ALLOTTED

Subject	Faculty
Electric Circuit	Mr Mayank Goyal, Mr. Shakti Singh Soni
Power System	Mr. Ravishankar Tiwari, Dr. Abhilash Gupta
Engineering Mathematics	Dr. Amit Kr. Saraswat
Power Electronics	Mr Vinay Kumar Dwivedi, Dr. R.P Maheshwari
Electrical Machines	Mr Gaurav Gupta, Mr. Ram Naresh Mishra
Control system	Mr Indresh Yadav, Mr. Ashish Kumar Shakya
Signal & System	Mr. Mayank Goyal, Mr. ApoorvaSaxena
EMFT	Mr. Akansha Shukla, Mrs. Anjali Gupta
Electrical and Electronics Measuring instruments	Mr. Prashant Prakash
Digital Electronics	Mr. Subhash Chandra, Mr. Vikas Kumar

Department of

Electrical Engineering

GATE SYLLABUS

EE: Electrical Engineering

SECtion 1: Engineering Mathematics

Linear Algebra: Matrix Algebra, Systems of linear equations, Eigenvalues, EigenvECtors.

Calculus: Mean value theorems, Theorems of integral calculus, Evaluation of definite and improperintegrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series, VECtor identities, DirECtional derivatives, Line integral, Surface integral, Volume integral, Stokes's theorem, Gauss's theorem, GrECn's theorem.

Differential equations: First order equations (linear and nonlinear), Higher order linear differentialequations with constant coefficients, Method of variation of parameters, Cauchy's equation, Euler's equation, Initial and boundary value problems, Partial Differential Equations, Method of separation of variables.

Complex variables: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, Taylorseries, Laurent series, Residue theorem, Solution integrals.

Probability and Statistics: Sampling theorems, Conditional probability, Mean, Median, Mode,Standard Deviation, Random variables, Discrete and Continuous distributions, Poisson distribution, Normal distribution, Binomial distribution, Correlation analysis, Regression analysis.

NumericalMethods: Solutions of nonlinear algebraic equations, Single and Multi-step methods fordifferential equations.

Transform Theory: Fourier Transform, Laplace Transform, z-Transform.

SECtion 2: Electric Circuits

Network graph, KCL, KVL, Node and Mesh analysis, Transient response of dc and ac networks,Sinusoidal steady state analysis, Resonance, Passive filters, Ideal current and voltage sources,Thevenin's theorem,Norton's theorem, Superposition

theorem,Maximumpower transfer theorem,Twoportnetworks,ThrECphase circuits, Power and power factor in ac circuits.

SECtion 3: Electromagnetic Fields

Coulomb's Law, ElECtricFieldIntensity,ElECtricFluxDensity,Gauss's Law, Divergence, ElECtricfield and potential due to point, line, plane and spherical chargedistributions, Effect of dielectric medium, Capacitance of simple configurations, Biot Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force,Inductance,Magnetomotiveforce,Reluctance,Magneticcircuits,Self andMutualinductanceof simple configurations.

SECtion 4: Signals and Systems

Representation of continuous and discrete-time signals, Shifting and scaling operations, Linear Time Invariant andCausalsystems,Fourierseries representation ofcontinuousperiodicsignals,Sampling theorem,Applications of Fourier Transform, Laplace Transform and z-Transform.

SECtion 5: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuittests,regulation and efficiency;**Three phase transformers:** connECtions, parallel operation**;**Auto transformer, Electrommechanical energy conversion principles,**DC machines:** Separately excited, series and shunt,motoring and generating mode ofoperation and theircharacteristics,startingandspeed controlofdcmotors;**Three phaseinductionmotors:** Principleofoperation,types, performance,torque-speedcharacteristics, no loadandblockedrotortests,equivalent circuit,starting and speed control;Operating principle of single phase induction motors;**Synchronous machines:** Cylindrical and salient pole machines, performance, regulationandparalleloperationofgenerators,startingof synchronous motor, characteristics; Types of losses and efficiency calculations of elECtric machines**.**

SECtion 6: Power Systems

Power generation concepts, ac and dctransmissionconcepts,Modelsand performance of transmission lines and cables, Series andshunt compensation, Electric fielddistributionand insulators,Distribution systems, Per unit quantities,

Busadmittancematrix,Gauss-Seideland Newton-Raphsonloadflow methods, VoltageandFrequencycontrol, PowerfactorcorrECtion, Symmetricalcomponents, Symmetrical and unsymmetrical fault analysis, Principlesofover current, differential and distance protECtion; Circuit breakers, System stability concepts, Equal area criterion.

SECtion 7 : Control Systems

Mathematical modeling and representation of systems, FECdback principle, transfer function,Block diagrams and Signal flow graphs, Transient and Steady state analysis of linear time invariant systems, Routh-Hurwitz and Nyquist criteria, Bode plots, Root loci, Stability analysis, Lag, Lead and Lead-Lag compensators; P, PI and PID controllers; State space model, State transition matrix.

SECtion 8 : Electrical and Electronic Measurements

Bridges and Potentiometers, Measurement of voltage, current, power, energy and power factor; Instrument transformers, Digital voltmeters and multimeters, Phase, Time and Frequency measurement; Oscilloscopes, Error analysis.

SECtion 9 : Analog and Digital Electronics

Characteristics of diodes, BJT, MOSFET;**Simple diode circuits:** clipping, clamping, rectifiers;**Amplifiers:** Biasing, Equivalent circuit and Frequency response; Oscillators and FECdback amplifiers;**Operational amplifiers:** Characteristics and applications;Simple active filters, VCOsandTimers, CombinationalandSequentiallogiccircuits,Multiplexer,Demultiplexer,Schmitttrigger, Sampleand hold circuits,A/Dand D/A converters. **8085 Microprocessor:** Architecture,Programmingand Interfacing.

SECtion 10 : Power Electronics

Characteristics ofsemiconductorpower devices: Diode,Thyristor, Triac, GTO, MOSFET,IGBT;**DC to DC conversion:**Buck,BoostandBuck-Boostconverters; Single and thrEC phase configuration of uncontrolled rECtifiers, Line commutated thyristor basedconverters, BidirECtionalac todcvoltage sourcEConverters,Issuesof linECurrentharmonics, Powerfactor,Distortionfactorofactodconverters, Single phase and thrEC phase inverters, Sinusoidal pulse width modulation.

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12-B Status from UGC

Department of Mechanical Engineering

GLAU/ME/GATE/20/04

Date: 25.05.2020

NOTICE

All the students of B.Tech ME IV year who have registered in GATE 2021 are hereby informed that their classes for GATE preparation will be held from 1 June 2020 to 31 July 2020 between 11:00 AM to 1:00PM in online mode. The zoom meeting ID will be share one day before from the commencement of classes.

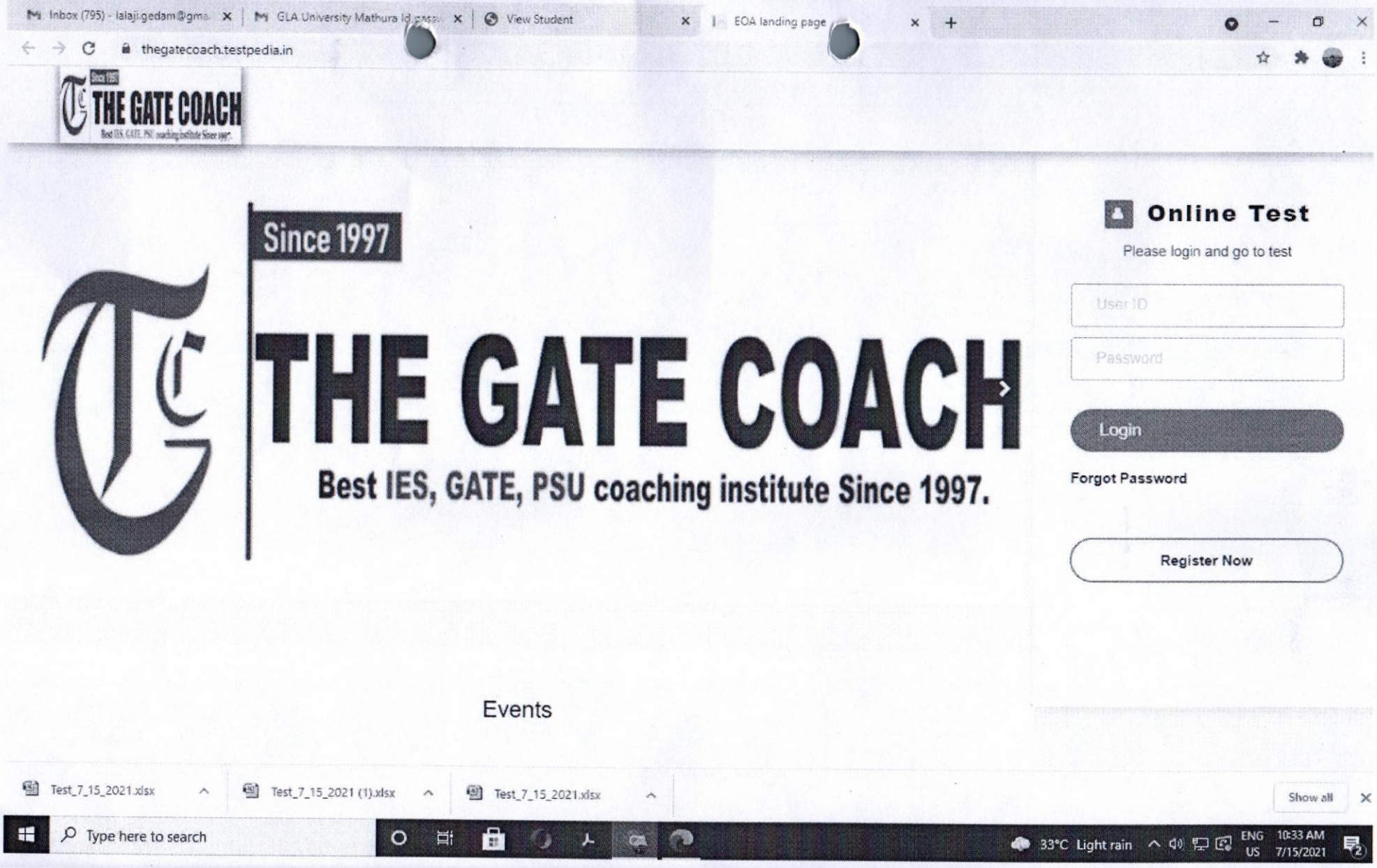
Prof. PIYUSH SINGHAL
Dept. of Mech. Engg
University, Mathura

(Prof. Piyush Singhal)

Head, Dept. of Mechanical Engg.

CC to:

All Faculty Members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User ID
Password
Login
Forgot Password
Register Now
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Technical Preparation as per GATE Syllabus (GATE 2021)

Section 2: Applied Mechanics and Design

Engineering Mechanics: Free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations, collisions.

Mechanics of Materials: Stress and strain, elastic constants, Poisson's ratio; Mohr's circle for plane stress and plane strain; thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; energy methods; thermal stresses; strain gauges and rosettes; testing of materials with universal testing machine; testing of hardness and impact strength.

Theory of Machines: Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope.

Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Machine Design: Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and welded joints; shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs.

Team Member:

1. **Raj Kumar Sharma,**
2. **Ashutosh P. Singh**
3. **Harish Kumar Sharma**
4. **Soni Kumari**

Section 3: Fluid Mechanics and Thermal Sciences

Fluid Mechanics: Fluid properties; fluid statics, manometry, buoyancy, forces on submerged bodies, stability of floating bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; dimensional analysis; viscous flow of incompressible fluids, boundary layer, elementary turbulent flow, flow through pipes, head losses in pipes, bends and fittings.

Heat-Transfer: Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; unsteady heat conduction, lumped parameter system, Heisler's charts; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence; heat exchanger performance, LMTD and NTU methods; radiative heat transfer, Stefan-Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis.

Thermodynamics: Thermodynamic systems and processes; properties of pure substances, behaviour of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics; thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations.

Applications:
Power Engineering: Air and gas compressors; vapour and gas power cycles, concepts of regeneration and reheat.
I.C. Engines: Air-standard Otto, Diesel and dual cycles.
Refrigeration and air-conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric chart, basic psychrometric processes. *Turbomachinery*: Impulse and reaction principles, velocity diagrams, Pelton-wheel, Francis and Kaplan turbines.

Team Member:

1. **Manish Kumar Rawat,**
2. **Avdhesh Sharma**
3. **Dr. Naveen Kumar Gupta**
4. **Gaurav Bhardwaj**
5. **Dr. Pradeep Kumar Singh**

Section 4: Materials, Manufacturing and Industrial Engineering

Engineering Materials: Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials.

Casting, Forming and Joining Processes: Different types of castings, design of patterns, moulds and cores; solidification and cooling; riser and gating design. Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; principles of powder metallurgy. Principles of welding, brazing, soldering and adhesive bonding.

Machining and Machine Tool Operations: Mechanics of machining; basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, design of jigs and fixtures.

Metrology and Inspection: Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly.

Computer Integrated Manufacturing: Basic concepts of CAD/CAM and their integration tools.

Production Planning and Control: Forecasting models, aggregate production planning, scheduling, materials requirement planning.

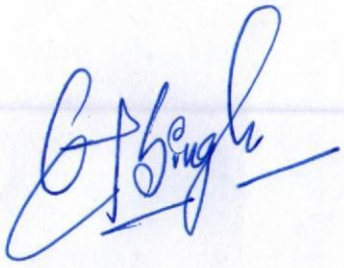
Inventory Control: Deterministic models; safety stock inventory control systems.
Operations Research: Linear programming, simplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM

Team Member:

1. **Shashank Srivastava,**
2. **Bharat Singh,**
3. **Aneesh Kumar**
4. **Pankaj Sonia**
5. **Deepak Sharma**

GATE Preparation Classes									
Time Table (JUNE)									
		JUNE 1 - JUNE 7		JUNE 8 - JUNE 14		JUNE 15 - JUNE 21		JUNE 22 - JUNE 28	
Day	Section	10:00-11:30	1130 - 1:00	10:00-11:30	11:30 - 1:00	10:00-11:30	11:30 - 1:00	10:00-11:30	11:30 - 1:00
MONDAY	A+C1	Thermodynamics	Mechanics	Thermodynamics	Mechanics	FM	SOM	FM	SOM
	B+C2	Mechanics	Thermodynamics	Mechanics	Thermodynamics	SOM	FM	SOM	FM
TUESDAY	A+C1	Thermodynamics	Mechanics	Thermodynamics	Mechanics	FM	SOM	FM	SOM
	B+C2	Mechanics	Thermodynamics	Mechanics	Thermodynamics	SOM	FM	SOM	FM
WEDNESDAY	A+C1	Thermodynamics	Mechanics	Thermodynamics	Mechanics	FM	SOM	FM	SOM
	B+C2	Mechanics	Thermodynamics	Mechanics	Thermodynamics	SOM	FM	SOM	FM
THURSDAY	A+C1	Thermodynamics	Maths	Mechanics	Maths	FM	Maths	SOM	Maths
	B+C2	Mechanics	Thermodynamics	Thermodynamics	FM	SOM	FM	HMT	SOM
FRIDAY	A+C1	Thermodynamics	Mechanics	FM	SOM	SOM	FM	HMT	Material Science
	B+C2	Mechanics	Maths	SOM	Maths	FM	Maths	Material	Maths
SATURDAY	A+B+C	OLT- Technical (ME)							

Subject	Faculty Name
Thermodynamics	Mr. Avdhesh Sharma
Mechanics	Ms. Soni Kumari
SOM	Mr. Avdhesh Sharma
FM	Mr. Manish Rawat
HMT	Dr. Naveen Gupta
Material Science	Mr. Aneesh Kumar



GATE Preparation Classes
Time Table (JULY 2020)

		JULY 1 - JULY 5		JULY 6 - JULY 12		JULY 13 - JULY 19		JULY 20 - JULY 26		JULY 27 - JULY 31	
Day	Section	10:00-11:30	1130 - 1:00	10:00-11:30	11:30 - 1:00	10:00-11:30	11:30 - 1:00	10:00-11:30	11:30 - 1:00	10:00-11:30	11:30 - 1:00
MONDAY	A+C1			HMT	Casting, Forming & joining	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	TOM	Machining and Machine Tool Operations	VIBRATION
	B+C2			Casting, Forming & joining	HMT	TOM	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	VIBRATION	Machining and Machine Tool Operations
TUESDAY	A+C1			HMT	Casting, Forming & joining	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	TOM	Metrology and Inspection:	PPC & Inventory control
	B+C2			Casting, Forming & joining	HMT	TOM	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	PPC & Inventory control	Metrology and Inspection:

WEDN ESDAY	A+C1	HMT	Material Science	HMT	Casting, Forming & joining	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	TOM	Metrology and Inspection:	PPC & Inventory control
	B+C2	Material Science	HMT	Casting, Forming & joining	HMT	TOM	Casting, Forming & joining	TOM	Machining and Machine Tool Operations	PPC & Inventory control	Metrology and Inspection:
THURS DAY	A+C1	Material Science	Maths	HMT	Maths	Casting, Forming & joining	Maths	Machining and Machine Tool Operations	Maths	M/c Design	Maths
	B+C2	HMT	Material Science	Casting, Forming & joining	HMT	TOM	Casting, Forming & joining	VIBRATION	Machining and Machine Tool Operations	PPC & Inventory control	M/c Design
FRIDA	A+C1	HMT	Material Science	Casting, Forming & joining	TOM	TOM	Casting, Forming & joining	VIBRATION	Machining and Machine Tool Operations	PPC & Inventory control	M/c Design

Y	B+C2	Material Science	Maths	TOM	Maths	Casting, Forming & joining	Maths	Machining and Machine Tool Operations	Maths	M/c Design	Maths
SATURDAY	A+B+C	OLT-Technical		OLT-Technical		OLT-Technical		OLT-Technical		OLT-Technical	

Subject	Faculty Name
HMT	Dr. Naveen Gupta
Material Science	Mr. Aneesh Kumar
Casting, Forming & joining	Mr. Bharat Singh
TOM + Vibration	Mr. Ashutosh
Machining & M/c tool	Mr. Pankaj Sonia
Metrology & Inspection	Mr. Gaurav Bhardwaj
PPC & Inventory Control	Mr. Shashank Srivastava
M/c Design	Mr. Harish Sharma
	Mr. Rajkumar Sharma

GATE Preparation Classes
Time Table (August 2020)

		Aug 10 - Aug 15	Aug 17 - Aug 22	Aug 24 - Aug 29
Day	**Section**	**11:00-12:30 or 12:00 - 1:30**	**11:00-12:30 or 12:00 - 1:30**	**11:00-12:30 or 12:00 - 1:30**
MONDAY	A+B+C	Holiday	OR	OR
TUESDAY	A+B+C	Holiday	Advance Thermodynamics	Advance Thermodynamics
WEDNESDAY	A+B+C	Advance Thermodynamics	Advance Thermodynamics	Advance Thermodynamics
THURSDAY	A+B+C	OR	OR	OR
FRIDAY	A+B+C	Advance Thermodynamics	IC Engine	Advance Thermodynamics
SATURDAY	A+B+C	Holiday	IC Engine	OR

Faculty Details (Area Wise) and details of lecture taken

Mechanical Department

(Session 2020-21)

Faculty Name	Subject	From Date	TO Date	Total lecture
Avdhesh Sharma	Basic Thermodynamics and SOM	June 1,2020	June 25, 2020	39 Lecture
Soni Tiwari	Engineering Mechanics	June 1,2020	June 11, 2020	24 lecture
Manish Rawat	Fluid Mechanics and Fluid Machinery	June 11, 2020	June 25, 2020	30 lecture
Pankaj Sonia	Machine and Machine Tools	June 25, 2020	July 03, 2020	15 Lecture
Naveen Gupta	HMT	June 25, 2020	July 09, 2020	20 Lecture
Bharat Singh	Casting Forming and Joining	July 06, 2020	July 17, 2020	16 Lecture
Aneesh Kumar	Material Science	July 20, 2020	July 27, 2020	09 Lecture
Aneesh Kumar	IC engine	Aug 21,2020	Aug 22,2020	03 Lecture
Gaurav Bhardwaj	Measurement and Meterology	July 28, 2020	July 31, 2020	06 hours
Gaurav Bhardwaj	Advance Thermodynamics	Aug 12,2020	Aug 29,2020	10 Lecture
Shashank Srivastava	Industrial Engineering	July 27, 2020	Aug 07,2020	10 Lecture
Rajkumar Sharma	Machine Design	July 31, 2020	Aug 07, 2020	10 lecture
Deepak Sharma	OR	Aug 13,2020	Aug 29,2020	09 Lecture
Faculty from Math Department	Engineering Mathematics	June 1, 2020	July 31, 2020	

- Complete syllabus covered except CAD CAM (running in current semester 7th semester), which will be covered as per GATE in the month of January only for GATE aspirants.

Marks of Quiz Exam (GATE 2021)

						Test1	Test2	Test3	Test4	Test5
S.N.	Sem	Sec	Roll No.	Name	Father`s Name	%Age	%Age	%Age	%Age	%Age
1	VII	ME/A	151200312	ROHIT KUMAR	SUBASH SINGH	6.67	36.67	50	46.67	34.29
2	VII	ME/A	171200006	ABHISHEK PANDEY	RAJESH PANDEY	53.33	76.67	76.67	37.78	34.29
3	VII	ME/A	171200009	AJIT SINGH	ITYA PRATAP SING	73.6	83.33	73.33	55.56	62.86
4	VII	ME/A	171200030	ASHISH KUMAR SHARMA	VEK KUMAR SHARI	53.33	83.33	60	80	25.71
5	VII	ME/A	171200031	ASHISH PAL	AJESH KUMAR PA	60	60	80	35.56	22.86
6	VII	ME/A	171200032	ASHU KUMAR VERMA	SHYAM PRASAD V	0	66.67	76.67	64.44	71.43
7	VII	ME/A	171200038	AYUSH GOSWAMI	ESH KUMAR GOSV	60	66.67	56.67	33.33	68.3
8	VII	ME/A	171200053	DEEPAK RAGHUVANSHI	SAHANSARPAL	66.67	76.67	0	84.44	34.29
9	VII	ME/A	171200155	SUBODH KUMAR	SATISH VERMA	6.67	33.33	3.33	0	2.86
10	VII	ME/A	171200169	VENEET KUMAR	HIV PRASAD NISHA	30	56.67	46.67	26.67	0
11	VII	ME/A	171300066	RIYA SAXENA	BRISH KUMAR SAX	63.33	80	80	31.11	37.14
12	VII	ME/A	181299011	NIKHIL GOSWAMI	SANJAY GOSWAM	16.67	63.33	80	28.89	14.29
13	VII	ME/B	171200046	CHANDRAKESH SINGH	ESHWAR NATH SI	86.67	76.67	86.67	88.89	100
14	VII	ME/B	171200052	DEEPAK MAHESHWARI	NKAJ MAHESHWA	40	0	36.67	31.11	0
15	VII	ME/B	171200054	DEEPENDRA PRATAP SINGH	MESH PRATAP SIN	54.5	73.33	70	69.4	57.3
16	VII	ME/B	171200056	DHEERAJ RAJPUT	YAM BIHARI RAJP	70	90	46.67	60	57.14
17	VII	ME/B	171200057	DINESH KUMAR	CHANDRA PAL	0	23.33	3.33	26.67	0
18	VII	ME/B	171200100	PRABHAT	AM KUMAR LOHIY	63.33	53.33	73.33	73.33	60
19	VII	ME/B	171200103	PRADEEP KUMAR	VINOD KUMAR	0	90	80	80	68.57
20	VII	ME/B	171200105	PRAKHAR SINGH	HILESH KUMAR SI	57.45	30	50	66.67	57.14
21	VII	ME/B	171200111	PRINCE SARASWAT	PRAMOD KUMAR	70	83.33	83.33	88.89	88.57
22	VII	ME/B	171200113	PUSHPENDRA SINGH	PREM SINGH	0	50	50	51.11	74.29
23	VII	ME/B	171200118	RAJAT SHARMA	SUBHASH SHARMA	23.33	66.67	66.67	84.44	82.86
24	VII	ME/B	171200126	ROBIN SINGH	RAJVEER SINGH	0	76.67	70	68.89	65.71
25	VII	ME/B	171200127	ROHIT KUSHWAH	ANTI LAL KUSHWA	60	56.67	46.67	64.44	0
26	VII	ME/C	171200008	ADITYA RAJ	KHILESH KUMAR R	50	66.67	46.67	75.56	62.86
27	VII	ME/C	171200017	AMITESH KUMAR PANDEY	HIV SAGAR PANDE	56.67	73.33	50	42.22	37.14
28	VII	ME/C	171200034	ASHUTOSH SHUKLA	NOD KUMAR SHUK	66.67	60	56.67	84.44	85.71
29	VII	ME/C	171200035	ATISHAY JAIN	YOGENDRA KR JAI	63.33	80	50	64.44	42.86
30	VII	ME/C	181299007	ASHISH VERMA	ENDRA KUMAR VI	0	83.33	60	20	31.43
31	VII	ME/C	181299009	HARIOM BAGHEL	BEERI SINGH	50	70	46.67	53.33	25.71

32	VII	ME/C	181299010	MUKUL CHAUDHARY	)GENDRA PAL SIN(	23.33	63.33	26.67	64.23	71.2
33	VII	ME/C	181299012	PRAYASH	SUNEEL SHARMA	56.67	76.67	80	0	74.29
34	VII	ME/C	181299013	PUSHKAR SHARMA	RI SHANKAR SHAR	70	76.67	66.67	86.67	51.43
35	VII	ME/C	181299014	RISHABH PAL	MURARI PAL	0	86.67	83.33	24.44	28.57
36	VII	ME/C	181299017	YATESH	RAJESH SHARMA	0	63.33	46.67	68.89	0

Notice

Department of Biotechnology

GLA University, Mathura

Date: 01 August 2020

This is to notify that students of B.Sc. and M.Sc. Biotechnology and Microbiology Final year attend the preparatory classes for competitive exam will be held in the department from 10 august 2020. The sessions will be taken by the faculty of the department of biotechnology.

Head, Biotechnology

Time Table

GLA University, Mathura								
M. Sc. Biotechnology - II Semester								**w.e.f. 27/01/20**
Room :- B 211								**Class Advisor- Mrs. Anuja**
	08:30 - 09:25	**09:25 - 10:20**	**10:20 - 11:10**	**11:10 - 12:00**	**12:00 - 01:00**	**01:00 - 01:50**	**01:50 - 02:40**	**02:40 - 03.:30**
Mon	Immunology MSBC 0005 Prof. Bhatia	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	PQRH-0001(QUANT) Mr. Shubham	Microbiology MSBC 0007 Dr. Gaurav		Genetics & Molecular Biology Lab MSBC 0806 (Botany Lab B206) Dr. Pradeep		
Tue	Immunology MSBC 0005 Prof. Bhatia	NET lecture Dr. Aditya	Computer Lab	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep		**NET lecture Dr. Vishal**	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)	Environmental Biotechnology MSBC 0008 Dr. Gaurav
Wed	Environmental Biotechnology MSBC 0008 Dr. Gaurav	Environmental Biotechnology MSBC 0008 Dr. Gaurav	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)	Immunology MSBC 0005 Prof. Bhatia	L U N C H	Microbiology Lab MSBC 0804 (Microbiology Lab B 201) Dr. Gaurav		
Thu	Microbiology MSBC 0007 Dr. Gaurav	Immunology MSBC 0005 Prof. Bhatia	Computer Lab	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)		Immunology Lab MSBC 0805 (Microbiology Lab B 201) Dr. Praveen		
Fri	Environmental Biotechnology MSBC 0008 Dr. Gaurav	Microbiology MSBC 0007 Dr. Gaurav	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	Microbiology MSBC 0007 Dr. Gaurav		Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	NET lecture Dr. Pradeep	PDGH-0001(PDP) NF

Time Table

GLA University, Mathura								
M.Sc. Microbiology & Immunology - II Semester, Session: 2019-20								w.e.f. 27/01/2020
Room :- B 222							Class Advisor- Mrs. Anuja	
	08:30 - 09:25	**09:25 - 10:20**	**10:20 - 11:10**	**11:10 - 12:00**	**12:00 - 01:00**	**01:00 - 01:50**	**01:50 - 02:40**	**02:40 - 03.:30**
Mon	Immunology MSBC 0005 Prof. Bhatia	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	PQRH-0001(QUANT) Mr. Shubham	Systemic Bacteriology and Mycology MSMC 0002 Dr. Alok		Bacteriology and Mycology Lab MSMC 0803 (Microbiology Lab B 201) Dr. Alok		
Tue	Immunology MSBC 0005 Prof. Bhatia	NET lecture Dr. Aditya	Systemic Virology MSMC 0003 Prof. Bhatia	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep		**NET lecture Dr. Vishal**	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)	Systemic Virology MSMC 0003 Prof. Bhatia
Wed	Systemic Virology MSMC 0003 Prof. Bhatia	Computer Lab	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)	Immunology MSBC 0005 Prof. Bhatia	L U N C H	Genetics & Molecular Biology and Virology Lab MSMC 0804 (Biotech Lab B 203) Dr. Saurabh		
Thu	Systemic Bacteriology and Mycology MSMC 0002 Dr. Alok	Immunology MSBC 0005 Prof. Bhatia	Systemic Virology MSMC 0003 Prof. Bhatia	Introduction to Gender & Women's Studies BELH 0012 (English Faculty)		Immunology Lab MSBC 0805 (Microbiology Lab B 201) Dr. Praveen		
Fri	Systemic Bacteriology and Mycology MSMC 0002 Dr. Alok	Computer Lab	Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	Systemic Bacteriology and Mycology MSMC 0002 Dr. Alok		Genetics & Molecular Biology MSBC 0006 Dr. Pradeep	NET lecture Dr. Pradeep	PDGH-0001(PDP) NF

Syllabus for Competitive Exam
Name of Activity: Competitive Exam
Nature of Activity: NET GATE PREPRATION
Duration of Activity: 6 Months

Content for competitive exam syllabus
General Biotechnology **Biochemistry**: Biomolecules-structure and functions; Biological membranes, structure, action potential and transport processes; Enzymes- classification, kinetics, and mechanism of action; Basic concepts and designs of metabolism (carbohydrates, lipids, amino acids and nucleic acids) photosynthesis, respiration and electron transport chain; Bioenergetics **Microbiology**: Viruses- structure and classification; Microbial classification and diversity (bacterial, algal and fungal); Methods in microbiology; Microbial growth and nutrition; Aerobic and anaerobic respiration; Nitrogen fixation; Microbial diseases and host-pathogen interaction **Cell Biology**: Prokaryotic and eukaryotic cell structure; Cell cycle and cell growth control; Cell-Cell Communication, Cell signaling and signal transduction **Molecular Biology and Genetics**: Molecular structure of genes and chromosomes; Mutations and mutagenesis; Nucleic acid replication, transcription, translation and their regulatory mechanisms in prokaryotes and eukaryotes; Mendelian inheritance; Gene interaction; Complementation; Linkage, recombination and chromosome mapping; Extrachromosomal inheritance; Microbial genetics (plasmids, transformation, transduction, conjugation **Analytical Techniques**: Principles of microscopy-light, electron, fluorescent and confocal; Centrifugation- high speed and ultra; Principles of spectroscopy-UV, visible, CD, IR, FTIR, Raman, MS,NMR; Principles of chromatography- ion exchange, gel filtration, hydrophobic interaction, affinity, GC,HPLC, FPLC; Electrophoresis; Microarray **Immunology**: History of Immunology; Innate, humoral and cell mediated immunity; Antigen; Antibody structure and function; Molecular basis of antibody diversity; Synthesis of antibody and secretion; Antigen-antibody reaction; Complement; Primary and secondary lymphoid organ; B and T cells and macrophages; Major histocompatibility complex (MHC); Antigen processing and presentation; Polyclonal and monoclonal antibody; **Bioinformatics**: Major bioinformatics resources and search tools; Sequence and structure databases; Sequence analysis (biomolecular sequence file formats, scoring matrices, sequence alignment, phylogeny); Data mining and analytical tools for

CHeMgLa

GLA UNIVERSITY MATHURA

Accredited with A Grade by NAAC

CHeMgLa: Chemistry Club @ GLAU

Date: 8th March, 2021

: NOTICE :

Classes for preparation of competitive exams such as IIT JAM/ NET/ GATE

This is to inform you all that "CHeMgLa" an official club of chemistry department at GLAU is organizing classes for preparation of competitive exams such as IIT JAM/ NET/ GATE on weekends basis supported by the students for the students, under the mentorship of faculty expert.

Interested candidates can register themselves on or before 15/03/2021. Registration fee is ₹ 100 Per Student (No course fee is applicable), for registration follow the link:

https://docs.google.com/forms/d/e/1FAIpQLScOJTs5gq0Lf8KKHU8OraLX0vpLmJaCXElTL3Mbxs4c3A10ew/viewform?vc=0&c=0&w=1&flr=0

For More Details, please contact to Mr. Gaurav Sharma on his no. +91- 6398969803

Regards,

Team, CHeMgLa

Note: Rajendraji Pl. Circulate among Students with Rs mail.

8/3/21.

Time Table of IIT-JAM (2020-21)

GLA UNIVERSITY
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Department of Chemistry

Time Table of Competitive classes session 2020-21

Lect No.	1	2	3	4	5	6	7	8
Time	10-11 am	11-12 am	12:00-1:00 pm	1:00-2:00 pm	2:00-3:00 pm	3:00-4:00 pm	4:00-5:00 pm	5:00-6:00 pm
Sat	Phyical Chemistry	Organic Chemistry	Inorganic Chemistry	CLUB ACTIVITIES				

S. No.	Subject Name	Name of Faculty
1	Physical Chemistry	Dr. Anupam Srivastav (AS)
2	Organic Chemistry	Dr. Vinod Vashistha (VV)
3	Inorganic Chemistry	Dr. Anuj Kumar (AK)

Vinod Vashistha
Program Coordinator
BSc Chemistry

DK Das,
HOD Chemistry

Syllabus Proposed for 2020-21

IIT-JAM(Chemistry)

Units: The complete coverage of topics planned for IIT-jams Coaching Classes:

Atomic structure

Periodicity in properties

Chemical bonding

Properties of s, p, d, and f block elements

Complex formation

Coordination compounds

Chemical equilibria

Chemical thermodynamics (first and second law)

Chemical kinetics (zero, first, second, and third order reactions)

Photochemistry

Electrochemistry

Acid-base concepts

Stereochemistry of carbon compounds

Inductive, electromeric, conjugative effects and resonance

Chemistry of functional groups

Aromatic hydrocarbons, halides, nitro and amino compounds, phenols, diazonium salts, carboxylic and sulphonic acids

Mechanism of organic reactions

Soaps and detergents

Synthetic polymers

Biomolecules

Instrumental techniques

Sets (Model Question Papers)

Enrollment of students for IIT-JAM Competitive classes (2020-21)

DEPARTMENT OF CHEMISTRY

List of Students enrolled for IIT-JAM classes
Course Name: B.Sc. (Hons.-Chemistry) 2020-21

S.No.	Univ. Roll No.	Student Name
1	207010002	ABHISHEK YADAV
2	207010005	AYUSHI AGRAWAL
3	207010012	KALPANA KUMARI
4	207010017	LALIT SHARMA
5	207010019	MUSKAN
6	207010023	PRAGYA SINGH
7	207010031	SRISHTI SINGH
8	207010021	PALAK
9	207010011	DURGESH ATRI
10	207010025	PRIYANKA KUMARI
11		

GLA UNIVERSITY
MATHURA
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Lecture Plan

DATE: 06-02-2021 to 27-02-2021 **Venue:** Room No - 412 (Block-9)

DAY	DATE	TIMING	TOPIC NAME	Resource Person
1	06/02/2021	10:00 AM -12:00 PM	**Child Development**	Dr. Devki Nandan Sharma
	06/02/2021	01:00 PM -03:00 PM	**Child Development**	Dr. Devki Nandan Sharma
2	13/02/2021	10:00 AM -12:00 PM	**Learning**	Ms. Preeti Verma
	13/02/2021	01:00 PM -03:00 PM	**Motivation & Adjustment**	Ms. Jyoti Sharma
3	20/02/2021	10:00 AM -12:00 PM	**Personality**	Mr. Rajesh Kumar Singh
	20/02/2021	01:00 PM -03:00 PM	**Intelligence**	Ms. Preeti Verma
4	27/02/2021	10:00 AM -12:00 PM	**RTE-09,NCF-05**	Dr. Devki Nandan Sharma
	27/02/2021	01:00 PM -03:00 PM	**Measurement & Evaluation**	Dr. Shashi Chaudhary

GLA UNIVERSITY
MATHURA
Accredited with A Grade by NAAC

Date: 02.02.2021

NOTICE

This is to inform to all B.Ed. students that Faculty of Education going to conduct special classes for the preparation of TET/CTET, on every Saturday, from 06-02-2021 to 27-02-2021. Interested students may contact coordinator Dr. Devki Nandan Sharma for details information before 04-02- 2021.

(Prof. Kavita Varma)
Principal,
Faculty of Education,
GLA University

2020-21

Institute of Business Management

NISM

Preparation Classes

Activity Report

Institute of Business Management,

GLA University, Mathura

Name of Activity	:	Classes for Preparation of NISM
Date and Duration	:	Session 2020-21
Resource Person	:	1. Prof. Kanhaiya Singh 2. Dr. Ankit Saxena 3. Dr. T Guru Sant
Number of Participants	:	48
Activity Overview	:	

Managerial jobs have been increasingly demanding in context of skills required. Today, when a company visits to university campus, they do not only want a candidate with sound subject knowledge but they also look for candidates with some additional certifications. Just to ensure that our students of MBA are well prepared for such skill, department has initiated preparing candidates for NISM Certifications. The classes of NISM are highly appreciated among students as it gives them a constant platform to sharpen their preparation for NISM.

Intended Outcome

1. To prepare students for NISM Certification Examination
2. To resolve Students' Query from their respective certification opted and benefit all students with Q&A.
3. To make students more industry ready
4. To guide students with things to remember while appearing in NISM Certification Examination

Session 2020-21
Institute of Business Management
NISM Prepation Glimpses

Institute of Business Management, GLA University, Mathura
Criteria 5 - Student Support & Progression

Students qualifying in NISM Examination (Session - 2020-21)

S. No.	Session	Course	University Roll No.	Name Of the Student	Exam Registration ID	Exam Detail
1	2020-21	MBA - FMB	198413004	Ashwani Verma	NISM-201900109605	NISM Series VIII: Equity Derivatives Certification
2	2020-21	MBA - FMB	198413004	Ashwani Verma	NISM-201900109605	NISM Series X-A: Investment Adviser (Level 1) Certification
3	2020-21	MBA - FMB	198413004	Ashwani Verma	NISM-201900109605	NISM Series XV: Research Analyst Certification
4	2020-21	MBA - FMB	198413005	Ayush Maheshwari	NISM-201900109154	NCFM: Commercial Banking in India: A Beginner's Module
5	2020-21	MBA - FMB	198413005	Ayush Maheshwari	NISM-201900109154	NISM Series VIII: Equity Derivatives Certification
6	2020-21	MBA - FMB	198413005	Ayush Maheshwari	NISM-201900109154	NISM Series XV: Research Analyst Certification
7	2020-21	MBA - FMB	198413006	Chirag Verma	NISM-201900097920	NISM Series VIII: Equity Derivatives Certification
8	2020-21	MBA - FMB	198413008	Gokul Tiwari	NISM-201900109952	NISM Series VIII: Equity Derivatives Certification
9	2020-21	MBA - FMB	198413009	Himanshu Singh	NISM-201900109157	NISM Series VIII: Equity Derivatives Certification
10	2020-21	MBA - FMB	198413009	Himanshu Singh	NISM-201900109157	NISM Series X-A: Investment Adviser (Level 1) Certification
11	2020-21	MBA - FMB	198413009	Himanshu Singh	NISM-201900109157	NISM Series XII: Securities Market Foundation Certification
12	2020-21	MBA - FMB	198413009	Himanshu Singh	NISM-201900109157	NISM Series XV: Research Analyst Certification
13	2020-21	MBA - FMB	198413010	Jitin Kumar	NISM-201900109884	NISM Series VIII: Equity Derivatives Certification
14	2020-21	MBA - FMB	198413010	Jitin Kumar	NISM-201900109884	NISM Series XV: Research Analyst Certification
15	2020-21	MBA - FMB	198413011	Kartik Gupta	NISM-201900109210	NISM Series VIII: Equity Derivatives Certification
16	2020-21	MBA - FMB	198413012	Kartik Kumar Agarwal	NISM-201900100333	NISM Series VIII: Equity Derivatives Certification
17	2020-21	MBA - FMB	198413012	Kartik Kumar Agarwal	NISM-201900100333	NISM Series X-A: Investment Adviser (Level 1) Certification
18	2020-21	MBA - FMB	198413012	Kartik Kumar Agarwal	NISM-201900100333	NISM Series XV: Research Analyst Certification

Institute of Business Management, GLA University, Mathura
Criteria 5 - Student Support & Progression

Students qualifying in NISM Examination (Session - 2020-21)

S. No.	Session	Course	University Roll No.	Name Of the Student	Exam Registration ID	Exam Detail
19	2020-21	MBA - FMB	198413013	Khushbu Agrawal	NISM-201900109248	NISM Series X-A: Investment Adviser (Level 1) Certification
20	2020-21	MBA - FMB	198413018	Nishank Varshney	NISM-201900109431	NISM Series XV: Research Analyst Certification
21	2020-21	MBA - FMB	198413020	Pravendra Kumar	NISM-201900109073	NCFM: Commercial Banking in India: A Beginner's Module
22	2020-21	MBA - FMB	198413020	Pravendra Kumar	NISM-201900109073	NISM Series X-A: Investment Adviser (Level 1) Certification
23	2020-21	MBA - FMB	198413024	Priyanshi Gupta	NISM-201900109309	NISM Series VIII: Equity Derivatives Certification
24	2020-21	MBA - FMB	198413024	Priyanshi Gupta	NCFM-00001874851	NCFM: Commercial Banking in India: A Beginner's Module
25	2020-21	MBA - FMB	198413024	Priyanshi Gupta	NISM-201900109309	NISM Series XV: Research Analyst Certification
26	2020-21	MBA - FMB	198413026	Rahul	NISM-201900109185	NISM Series X-A: Investment Adviser (Level 1) Certification
27	2020-21	MBA - FMB	198413026	Rahul	NISM-201900109185	NISM Series XV: Research Analyst Certification
28	2020-21	MBA - FMB	198413032	Shahid Hussain	NISM-201900111562	NCFM: Commercial Banking in India: A Beginner's Module
29	2020-21	MBA - FMB	198413032	Shahid Hussain	NISM-201900111562	NISM Series VIII: Equity Derivatives Certification
30	2020-21	MBA - FMB	198413033	Shivang Vashistha	NISM-201900109304	NISM Series VIII: Equity Derivatives Certification
31	2020-21	MBA - FMB	198413036	Srashti Varshney	NISM-201900110119	NISM Series XII: Securities Market Foundation Certification
32	2020-21	MBA - FMB	198413039	Vidhi Jain	NISM-201900109278	NISM Series V-A: Mutual Fund Distributors Certification
33	2020-21	MBA - FMB	208413001	Aayushi Kaushik	NISM-202100029805	NISM Series V-A: Mutual Fund Distributors Certification
34	2020-21	MBA - FMB	208413003	Aditi Chaturvedi	NISM-202100029860	NISM Series V-A: Mutual Fund Distributors Certification
35	2020-21	MBA - FMB	208413003	Aditi Chaturvedi	NISM-202100029860	NISM Series VIII: Equity Derivatives Certification
36	2020-21	MBA - FMB	208413003	Aditi Chaturvedi	NISM-202100029860	NISM Series XII: Securities Market Foundation Certification

Institute of Business Management, GLA University, Mathura
Criteria 5 - Student Support & Progression

Students qualifying in NISM Examination (Session - 2020-21)

S. No.	Session	Course	University Roll No.	Name Of the Student	Exam Registration ID	Exam Detail
37	2020-21	MBA - FMB	208413005	Akash Gola	NISM-202100029763	NISM Series V-A: Mutual Fund Distributors Certification
38	2020-21	MBA - FMB	208413006	Anamika	NISM-202100029806	NISM Series V-A: Mutual Fund Distributors Certification
39	2020-21	MBA - FMB	208413007	Anisha Malik	NISM-202100029836	NISM Series V-A: Mutual Fund Distributors Certification
40	2020-21	MBA - FMB	208413007	Anisha Malik	NISM-202100029836	NISM Series XII: Securities Market Foundation Certification
41	2020-21	MBA - FMB	208413008	Anjali Kumari	NISM-202100029809	NISM Series V-A: Mutual Fund Distributors Certification
42	2020-21	MBA - FMB	208413008	Anjali Kumari	NISM-202100029809	NISM Series XII: Securities Market Foundation Certification
43	2020-21	MBA - FMB	208413009	Arti Goyal	NISM-202100029736	NISM Series V-A: Mutual Fund Distributors Certification
44	2020-21	MBA - FMB	208413009	Arti Goyal	NISM-202100029736	NISM Series XII: Securities Market Foundation Certification
45	2020-21	MBA - FMB	208413010	Ashwani Verma	NISM-202100029723	NISM Series V-A: Mutual Fund Distributors Certification
46	2020-21	MBA - FMB	208413012	Disha Gupta	NISM-202100029794	NISM Series V-A: Mutual Fund Distributors Certification
47	2020-21	MBA - FMB	208413012	Disha Gupta	NISM-202100029794	NISM Series VIII: Equity Derivatives Certification
48	2020-21	MBA - FMB	208413012	Disha Gupta	NISM-202100029794	NISM Series XII: Securities Market Foundation Certification
49	2020-21	MBA - FMB	208413013	Harshit Singh	NISM-202100031612	NISM Series V-A: Mutual Fund Distributors Certification
50	2020-21	MBA - FMB	208413013	Harshit Singh	NISM-202100031612	NISM Series VIII: Equity Derivatives Certification
51	2020-21	MBA - FMB	208413013	Harshit Singh	NISM-202100031612	NISM Series XII: Securities Market Foundation Certification
52	2020-21	MBA - FMB	208413015	Jay Mittal	NISM-202100029761	NISM Series V-A: Mutual Fund Distributors Certification
53	2020-21	MBA - FMB	208413015	Jay Mittal	NISM-202100029761	NISM Series VIII: Equity Derivatives Certification
54	2020-21	MBA - FMB	208413015	Jay Mittal	NISM-202100029761	NISM Series XV: Research Analyst Certification

Institute of Business Management, GLA University, Mathura
Criteria 5 - Student Support & Progression

Students qualifying in NISM Examination (Session - 2020-21)

S. No.	Session	Course	University Roll No.	Name Of the Student	Exam Registration ID	Exam Detail
55	2020-21	MBA - FMB	208413017	Krishna Kumar Sarawswat	NISM-202100029850	NISM Series V-A: Mutual Fund Distributors Certification
56	2020-21	MBA - FMB	208413017	Krishna Kumar Sarawswat	NISM-202100029850	NISM Series XII: Securities Market Foundation Certification
57	2020-21	MBA - FMB	208413017	Krishna Kumar Sarawswat	NISM-202100029850	NISM Series VIII: Equity Derivatives Certification
58	2020-21	MBA - FMB	208413018	Mehul Verma	NISM-202100029725	NISM Series V-A: Mutual Fund Distributors Certification
59	2020-21	MBA - FMB	208413018	Mehul Verma	NISM-202100029725	NISM Series VIII: Equity Derivatives Certification
60	2020-21	MBA - FMB	208413018	Mehul Verma	NISM-202100029725	NISM Series XII: Securities Market Foundation Certification
61	2020-21	MBA - FMB	208413019	Moosa Adil	NISM-202100029839	NISM Series V-A: Mutual Fund Distributors Certification
62	2020-21	MBA - FMB	208413019	Moosa Adil	NISM-202100029839	NISM Series VIII: Equity Derivatives Certification
63	2020-21	MBA - FMB	208413019	Moosa Adil	NISM-202100029839	NISM Series XV: Research Analyst Certification
64	2020-21	MBA - FMB	208413022	Nishant Tiwari	NISM-202100029641	NISM Series V-A: Mutual Fund Distributors Certification
65	2020-21	MBA - FMB	208413022	Nishant Tiwari	NISM-202100029641	NISM Series VIII: Equity Derivatives Certification
66	2020-21	MBA - FMB	208413022	Nishant Tiwari	NISM-202100029641	NISM Series XII: Securities Market Foundation Certification
67	2020-21	MBA - FMB	208413023	Piyush Dhar Chaudhary	NISM-202100029746	NISM Series V-A: Mutual Fund Distributors Certification
68	2020-21	MBA - FMB	208413023	Piyush Dhar Chaudhary	NISM-202100029746	NISM Series VIII: Equity Derivatives Certification
69	2020-21	MBA - FMB	208413023	Piyush Dhar Chaudhary	NISM-202100029746	NISM Series XII: Securities Market Foundation Certification
70	2020-21	MBA - FMB	208413025	Priyanka Chahar	NISM-202100029824	NISM Series V-A: Mutual Fund Distributors Certification
71	2020-21	MBA - FMB	208413025	Priyanka Chahar	NISM-202100029824	NISM Series VIII: Equity Derivatives Certification
72	2020-21	MBA - FMB	208413025	Priyanka Chahar	NISM-202100029824	NISM Series XII: Securities Market Foundation Certification

Institute of Business Management, GLA University, Mathura
Criteria 5 - Student Support & Progression

Students qualifying in NISM Examination (Session - 2020-21)

S. No.	Session	Course	University Roll No.	Name Of the Student	Exam Registration ID	Exam Detail
73	2020-21	MBA - FMB	208413026	Shipra Saxena	NISM-202100029822	NISM Series V-A: Mutual Fund Distributors Certification
74	2020-21	MBA - FMB	208413026	Shipra Saxena	NISM-202100029822	NISM Series XII: Securities Market Foundation Certification
75	2020-21	MBA - FMB	208413029	Tanya Gupta	NISM-202100029724	NISM Series V-A: Mutual Fund Distributors Certification
76	2020-21	MBA - FMB	208413029	Tanya Gupta	NISM-202100029724	NISM Series XII: Securities Market Foundation Certification
77	2020-21	MBA - FMB	208413030	Ujjwal	NISM-202100029753	NISM Series V-A: Mutual Fund Distributors Certification
78	2020-21	MBA - FMB	208413030	Ujjwal	NISM-202100029753	NISM Series VIII: Equity Derivatives Certification
79	2020-21	MBA - FMB	208413030	Ujjwal	NISM-202100029753	NISM Series XII: Securities Market Foundation Certification
80	2020-21	MBA - FMB	208413032	Vaishali Agrawal	NISM-202100029831	NISM Series V-A: Mutual Fund Distributors Certification
81	2020-21	MBA - FMB	208413032	Vaishali Agrawal	NISM-202100029831	NISM Series XII: Securities Market Foundation Certification
82	2020-21	MBA - FMB	208413033	Vanshika Maheshwari	NISM-202100029845	NISM Series V-A: Mutual Fund Distributors Certification
83	2020-21	MBA - FMB	208413034	Devkishan Singh Parihar	NISM-202100029843	NISM Series V-A: Mutual Fund Distributors Certification
84	2020-21	MBA - FMB	208413034	Devkishan Singh Parihar	NISM-202100029843	NISM Series VIII: Equity Derivatives Certification

[Dr. Ankit Saxena]

Special classes of reasoning & quants

Institute of Business Management

GLA University, Mathura

Date: 10-Aug-2020

GLAIBM/Office/3104/2020 **Notice**

All final year students of BBA, BBA(FB), BBA(H) &B. Com-H are hereby intimated that university is planning to conduct **Special Classes of Reasoning & Quants** (10am to 12pm) on Saturdays in Ground floor conference hall A-B V.

All the students of above mentioned courses are required to attend the same.

(Prof. Somesh Dhamija)

Head, IBM-UG

Institute of Business Management

GLA University, Mathura

Date: 02-Jan-2021

GLAIBM/Office/3105/2021 **Notice**

All final year students of BBA, BBA(FB), BBA(H) &B. Com-H are hereby intimated that university is planning to conduct **Special Classes of Reasoning & Quants** (10am to 12pm) on Saturdays in Ground floor conference hall A-B V.

All the students of above mentioned courses are required to attend the same.

(Prof. Somesh Dhamija)

Head, IBM-UG

SPECIAL CLASSES ON REASONING AND QUANTS-V

Semester V

Module No.	Content	Teaching Hours (Approx.)
	Quantitative Aptitude: **Real Function-I:** Definition of Functions, Domain, Range, Codomain, Problems on finding Domain and Range of functions, Classification of functions on the basis of Domain and Codomain, Defining inverse of function ,Problem on finding Inverse of function, Graphing of algebraic function, Shifting of Curves. **Reasoning Ability:** **Selections:** **Problems related to selection of people and group of people from large groups on predefined set of conditions.** **Quantitative Aptitude:** **Games and tournament;** 1. Questions based on Seed or Rank (Knockout tournament) 2. Questions based on scheduling of tournament or who won/lost against whom 3. Questions based on goals for /goals against etc. **Geometry & Mensuration:** Geometry: Different types of triangles and their properties, Square, rectangle, parallelogram, trapezium, Rhombus, Circle and Cyclic Quadrilateral. Mensuration: Area of plane figures, Problem related to finding areas and Packaging of circle inside squares, triangles and polygons.	24

Reference Books/ Text Books / Cases:

- *How to prepare for Quantitative aptitude test for CAT*, by Arun Sharma, Fifth edition, T.M.H publication
- *How to prepare for Logical Reasoning test for CAT*, by Arun Sharma, Fourth/Fifth edition, T.M.H publication
- *How to Crack Test of Reasoning: In All Competitive Exam*, by Jaikishan and Premkishan, Arihant publication

(Special classes of reasoning & quants)

SPECIAL CLASSES ON REASONING AND QUANTS-VI

Semester VI

Module No.	Content	Teaching Hours (Approx.)
	Quantitative Aptitude: **Simplification & Approximation:** Simplification using VBODMAS Rule, Simplification based on Decimals, Simplification of Continued Fractions, Simplification of the expression based on Algebraic Formulae and Identities, Simplification of statement based Question. **Reasoning Ability:** **CUBES:** Cutting of Cubes, Painting of Sides of Cubes, Counting cubes of identical colour faces **Quantitative Aptitude:** **Alphabet and Number Series:** Problems related to Sequencing of Alphabets, Finding out Next or Previous number in Series. **Power Indices and Surds:** Defining of Surds, Finding out largest and smallest value of indices, Rationalizing of Surds, Questions based on Positive and Negative Exponent. **Inequalities:** Defining of Inequalities, Solving multivariable equations and Inequalities. **Reasoning Ability:** **Logical Connectives:** Defining different types of logical Connectives and Solving Different types of problem relating with these connectives.	24

Reference Books/ Text Books / Cases:

- *How to prepare for Quantitative Aptitude Test for CAT* , by Arun Sharma, Fifth edition, T.M.H publication
- *How to prepare for Logical Reasoning Test for CAT* , by Arun Sharma, Fourth/Fifth edition, T.M.H publication
- *How to Crack Test of Reasoning: In All Competitive Exam* , by Jaikishan and Premkishan, Arihant publication

(Special classes of reasoning & quants)

GLA UNIVERSITY
MATHURA
Recognised by UGC Under Section 2(f)

GLA University, Mathura

Institute of Pharmaceutical Research

IPR/Notice-CE/2019/1238a

NOTICE Date: 4/09/2019

The GPAT Classes for B.Pharm. students would commence from September 7, 2019 on every Saturday from 11:00 A.M.

Students, please note and be particular to attend.

Meenakshi.

Prof. Meenakshi Bajpai

(HOD)

Head

GRADUATE PHARMACY APTITUDE TEST (GPAT) SYLLABUS

SUBJECTS

- Physical Chemistry
- Physical Pharmacy
- Organic Chemistry
- Pharmaceutical Chemistry
- Pharmaceutics
- Pharmacology
- Pharmacognosy
- Pharmaceutical Analysis
- Biochemistry
- Biotechnology
- Microbiology
- Pathophysiology
- Biopharmaceutics and Pharmacokinetics
- Clinical Pharmacy and Therapeutics
- Human Anatomy and Physiology
- Pharmaceutical Engineering
- Pharmaceutical Management
- Pharmaceutical Jurisprudence
- Dispensing and Hospital Pharmacy

Note: *The selected topics were discussed by respective faculty members in the above subjects.*

Image: Glimpse of GPAT Class Teaching

NOTICE/MATHS/10/21
Date: 01-September-2021

Notice

All the students of M.Sc. (Mathematics), are hereby informed that the Department of Mathematics is going to conduct preparatory classes for GATE, on every Saturday, from 04 September 2021 to 25 September 2021. Interested students instructed to contact coordinator Dr. Amit Kumar Saraswat before 04 September 2021. The sessions will be taken by

(1) Dr. Abhishek Kumar Singh.

(2) Dr. Hariom Sharma

(Prof. Manish Goyal)

Head, Mathematics

(ii) Time Table / Activity Schedule

Activity Name : Preparatory Classes for GATE

Time Table for (duration)

	10:00 - 11:00	11:00 - 12:00	12:00 - 01:00	01:00 - 02:00	02:00 - 03:00	03:00 - 04:00	04:00 - 05:00	05:00 - 06:00
Monday	-	-	-	-	-	-	-	-
Tuesday	-	-	-	-	-	-	-	-
Wednesday	-	-	-	-	-	-	-	-
Thursday	-	-	-	-	-	-	-	-
Friday	-	-	-	-	-	-	-	-
Saturday	I Lec.	II Lec.		-	III Lec.	IV Lec	-	-

(Prof. Manish Goyal)

Head, Mathematics

(iii) Syllabus / Content

Name of Activity : Preparatory Classes for GATE

Duration of Activity : 04 Hrs / week(s)

Content Coverage

1. Real Analysis
2. Complex Analysis
3. Linear Algebra
4. Differential Equation and Integral Equation

(Prof. Manish Goyal)
Head, Mathematics.

NOTICE/MATHS/50/21
Date: 03-October-2021

Notice

All the students of M.Sc. (Mathematics), are hereby informed that the Department of Mathematics is going to conduct preparatory classes for NET, on every Saturday, from 09 October 2021 to 30 October 2021. Interested students may contact coordinator Dr.Vinod Kumar Bhardwaj for details information before 08 October 2021. The sessions will be taken by

(1) Dr. Abhishek Kumar Singh,

(2) Dr. Sharad Kumar Dixit.

(Prof. Manish Goyal)

Head, Mathematics

(ii) Time Table / Activity Schedule

Activity Name : Preparatory Classes for NET (National Eligibility Test)

Time Table for (duration)

	10:00 - 11:00	11:00 - 12:00	12:00 - 01:00	01:00 - 02:00	02:00 - 03:00	03:00 - 04:00	04:00 - 05:00	05:00 - 06:00
Monday	-	-	-	-	-	-	-	-
Tuesday	-	-	-	-	-	-	-	-
Wednesday	-	-	-	-	-	-	-	-
Thursday	-	-	-	-	-	-	-	-
Friday	-	-	-	-	-	-	-	-
Saturday	I Lec.	II Lec.		-	III Lec.	IV Lec	-	-

(Prof. Manish Goyal)

Head, Mathematics

(iii) Syllabus / Content

Name of Activity : Preparatory Classes for NET

Duration of Activity : 04 Hrs / week(s)

Content Coverage

1. Real Analysis
2. Complex Analysis
3. Linear Algebra
4. Differential Equation and Integral Equation

(Prof. Manish Goyal)
Head, Mathematics.

Date: 20-October-2020

Notice

This is to notify that students of M.Sc physics can attend the preparatory sessions for the competitive exams (NET, GATE, etc) to be held in the department. Interested students can attend the sessions and clear their doubts about the related exams and relevant topics. The sessions will be taken by

1. Prof. B. R. K. Gupta
2. Dr. Benoy Kumar Singh

-20/10/2020

Prof. B. R. K. Gupta

Head, Physics

(ii) Time Table / Activity Schedule

Activity Name : Preparatory sessions for the competitive exams

Time Table for (duration)

	10:20 - 11:10	11:10 - 12:00	12:00 - 12:50	12:50 - 01:40	01:40 - 02:30	02:30 - 03:20	03:20 - 04:10	04:10 - 05:00
Monday	-	-	-	-	-	-	-	-
Tuesday	-	-	-	-	-	-	-	-
Wednesday	-	-	-	-	-	-	-	-
Thursday	-	-	-	-	-	-	-	-
Friday	-	-	-	-	-	-	-	-
Saturday	-	I^{rst} Lecture	IInd Lecture	-	-	-	-	-

(Prof. B. R. K. Gupta)
Head, Physics

(iii) Syllabus / Content

Name of Activity : Preparatory sessions for the competitive exams

Duration of Activity : 02 Hrs / week(s)

Content Coverage

1. Electromagnetism
2. Optics
3. Quantum mechanics
4. Classical mechanics
5. Relativity
6. Nuclear & Atomic physics
7. Electronics
8. Statistical mechanics

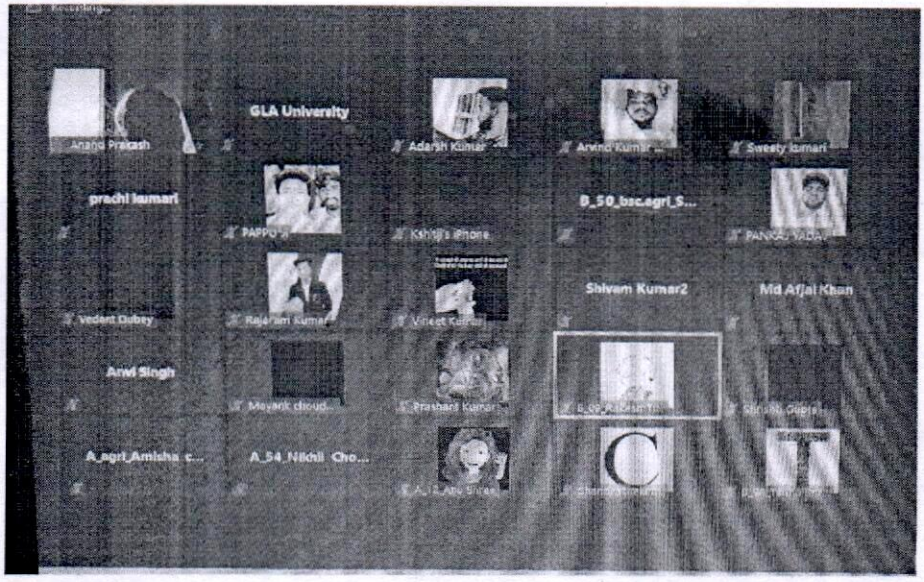
(Prof. B. R. K. Gupta)
Head, Physics

ACTIVITY REPORT

Name of Activity: ICAR-JRF Preparation Classes
Date and Duration: 1st August– 3rd October, 2020 (2 months)
Resource Person(s): Department of Agriculture Sciences
No. of Participants: 51

About the Activity

51 students attended the ICAR-JRF Preparation Classes. These students were counseled about the competitive exam i.e. ICAR-JRF which is conducted by ICAR for Junior and Senior Research Fellowship for candidates who are fascinated with higher education and research in the field of agriculture. The classes were scheduled such that all major subjects are touched in 2 lectures each so that the students are able to make up their minds as to which discipline, they should choose for appearing in this particular exam. For several other exams, no such choice is required like the entrance exams of various state and central universities, for which a general preparation of all the subjects is mandatory and the same was being provided to the B.Sc. Agriculture 2nd year students via these preparatory classes. These classes emphasized on the various disciplines within agriculture sciences how the students may choose among these several disciplines so that it best stimulates an stir their curiosity and interest. The students were constantly encouraged to interact and ask questions to promote a participatory approach. At the end of these classes, mock tests were also taken to assess students understanding and retention of the topics discussed.



Students attending the online ICAR-JRF preparation classes

ICAR-JRF Preparation Classes	
Event Coordinator	**Head of Department**

Activity: ICAR-JRF Preparation Classes

Department of Agriculture Sciences
GLA University, Mathura
B.Sc. Agriculture (Hons.) - III Semester, Session: 2020-21
Section A + B
Class Advisors: Dr. Dujeshwer and Dr. Vineeta Pandey

Schedule

Date	Day	Time	Topic/Subject	Faculty
01-08-2020	Saturday	5 – 6 PM	Agronomy	Dr. Dujeshwer
08-08-2020	Saturday	5 – 6 PM	Genetics & Plant Breeding	Dr. Vineeta Pandey
16-08-2020	Sunday	5 – 6 PM	Soil Science	Dr. Mohd. Yaseen
22-08-2020	Saturday	5 – 6 PM	Plant Pathology	Dr. Bhavya Mishra
29-08-2020	Saturday	5 – 6 PM	Entomology	Dr. K. Rajesh
05-09-2020	Saturday	5 – 6 PM	Agronomy	Dr. Dujeshwer
12-09-2020	Saturday	5 – 6 PM	Genetics & Plant Breeding	Dr. Vineeta Pandey
19-09-2020	Saturday	5 – 6 PM	Soil Science	Dr. Mohd. Yaseen
26-09-2020	Saturday	5 – 6 PM	Plant Pathology	Dr. Bhavya Mishra
03-10-2020	Saturday	5 – 6 PM	Entomology	Dr. K. Rajesh

The classes will be held in online mode through Zoom platform and attendance will be recorded.

Time Table In-charge

Syllabus for ICAR – JRF Preparation Classes

I. General: Importance of Agriculture in national economy; basic principles of crop production; cultivation of rice, wheat, chickpea, pigeon-pea, sugarcane, groundnut, rapeseed and mustard, potato. Major soils of India, role of NPK and their deficiency symptoms. Structure and function of cell organelles; mitosis and meiosis; Mendelian genetics: elementary knowledge of photosynthesis; respiration, photorespiration and transpiration; structure and functions of carbohydrates, proteins, nucleic acids, enzymes and vitamins. Major pests and diseases of rice, wheat, cotton, chickpea, sugarcane and their management. Important rural development programmes in India; organisational set up of agricultural research, education and extension in India; Elements of statistics.

II. Principles of Agronomy, Crop ecology and geography and Agricultural Meteorology: Agronomy – meaning and scope, National & International agricultural research institutes in India, Agro climatic zones of India, Tillage, crop stand establishment and planting geometry and their effect on crop, Physiological limits of crop yield and variability in relation to ecological optima, organic farming, Precision farming, Integrated farming systems, Principles of field experimentation. Principles of crop ecology and crop adaptation, climate shift and its ecological implications, Agro-ecological regions in India, Geographical distribution of crop plants, Greenhouse effect, Climatic factors and their effect on plant processes and crop productivity, Role of GIS and GPS in agriculture. Weather & climate, Earth's atmosphere, Solar radiation, Atmospheric temperature and global warming. Crops and atmospheric humidity, Weather forecasting.

III. Field crops: Origin, distribution, economic importance, soil and climatic requirement, varieties, cultural practices and yield of cereals (rice, wheat, maize, sorghum, pearl millet, minor millets, barley), pulses (chickpea, lentil, peas, Pigeon pea, mungbean, urdbean), oilseeds (groundnut, sesame, soybean, rapeseed & mustard, sunflower, safflower, linseed), fiber crops (cotton, jute, sun hemp), sugar crops(sugarcane), fodder & forage crops (sorghum, maize, napier, berseem, Lucerne, oats), medicinal & aromatic plants (menthe, lemon grass and isabgol) and commercial crops(potato, tobacco).

IV. Weed management: Principles of weed management, Classification, biology and ecology of weeds, crop weed competition and allelopathy, concepts and methods of weed control, Integrated weed management, 4 Classification, formulations, selectivity and resistance of herbicides, Herbicide persistence in soil and plants, Application methods and equipments, Weed flora shifts in cropping systems, Special and problematic weeds and their management in cropped and non-cropped situations, Weed management in field crops.

V. Water management: Principles of irrigation, Water resources and irrigation development in India, Water and irrigation requirements, Concepts and approaches of irrigation scheduling, Methods of irrigation, Measurement of irrigation water, application, distribution and use efficiencies, Conjunctive use of water, Irrigation water quality and its management, water management in major field, crops (rice, wheat, maize, groundnut, sugarcane) Agricultural drainage.

VI. Soil fertility and fertilizer use: Essential plant nutrients and their deficiency symptoms, concept of essentiality of plant nutrients, Indicators of soil fertility and productivity, Fertilizer materials and their availability to plants, slow-release fertilizers, Nitrification inhibitors, Principles and methods of fertilizer application, Integrated nutrient management, site specific nutrient management.

VII. Problem soils: Problem soils and their distribution in India, Characteristics and reclamation of these soils, Crop production techniques in problem soils. UNIT-IX: Sustainable land use systems: Sustainable agriculture: parameters and indicators, Conservation agriculture, safe disposal of agri-industrial waste for crop production, Agro-forestry systems, shifting cultivation, Alternate land use systems, Wastelands and their remediation for crop production.

VIII. Soil as a medium for plant growth, composition of earth's crust, weathering of rocks and minerals, components of soil- their importance, soil profile, soil partials- physical mineralogical and chemical nature. Mechanical analysis, Stokes law, assumptions, limitations and applications. Soil, physical

properties- density, porosity, texture, soil structure and their brief descriptions. Rheological properties in soils, calculations of porosity and bulk density. Soil air-Aeration, causes of poor aeration, factors affecting aeration, importance for plant growth. Soil temperature - sources and losses of soil heat. Factors affecting soil temperature, its importance in plant growth. Soil water- structure of water, soil-water-energy relationship, classifications, surface tension and movement in soil. Soil colloids- properties, structure of silicate clay minerals, sources of negative charges, properties, kaolinite, illite, montmorillonite and vermiculite clay minerals, milli-equivalent concept , cation exchange capacity, anion exchange capacity, buffering of soils. Problem soils- acid, saline, sodic and acid sulphate soils – their characteristics, formation, problems and management. Irrigation, water quality and its evaluation. Waterlogged soils- basic features, distinction with upland soils.

IX. Essential plant nutrients- criteria of essentiality, functions for plant growth, mechanisms for movement and uptake of ions in soils and plants, Forms of nutrients in soils, deficiency symptoms on plants, luxury consumption, nutrient interactions and chelated micronutrients. Soil fertility, evaluation and management for plant growth, soil testing and fertilizer recommendations. Soil classifications- diagnostic surface and sub- surface horizons, soil survey- types, objectives, uses, land capability classifications. Remote sensing and its application in agriculture, SIS, GIS and GPS- basic features and uses in agriculture, Elementary concepts of radio isotopes and uses in agriculture. Soil micro-organisms, Classifications and their roles. Organic matter- decomposition, C:N ratios, mineralization and immobilization processes, humus, role of organic matter in soil quality. Soil erosion, types and control measures. Fertilizers and manures- classifications, NPK fertilizers, their reactions in soils, green manuring, recycling of organic wastes, composting. Soil and water pollution- sources, brief idea about different pollutants in soils and their managements.

X. Structure and function of cell organelles; mitosis and meiosis; Mendelian genetics; elementary knowledge of photosynthesis; respiration, and transpiration; structure and functions of carbohydrates, proteins, nucleic acids, enzymes and vitamins. Major pests and diseases of rice, wheat, cotton, chickpea, sugarcane and their management.

XI. Characteristics of prokaryotic and eukaryotic organisms, differences between fungi, bacteria, mycoplasmas and viruses; physical and chemical basis of heredity; chromosome structure; genes/operon concept; protein biosynthesis; transformation, recombination, Heterosis; Elements of economic botany; integrated diseases management; sterilisation, disinfection and pasteurization; Koch's postulates; etiological agents of rusts, 2 smuts, powdery/downy mildews, wilts, yellows, mosaic, necrosis, enations, blights and witches- broom; pH, buffer, vitamins, role of plant hormones in seed germination and dormancy; pollination/ fertilization in flowering plants; methods of seed testing; breeders, foundation and certified seeds; seed production in self and cross pollinated crops, nitrate assimilation; biological nitrogen fixation and other uses of microorganisms in agriculture.

XII. Classification of animal kingdom up to class; distinguishing characters up to orders in class Insecta; general organization of an insect external morphology with special reference to lepidopteran larvae, coleopteran adults; and honeybee; metamorphosis and moulting; different physiological systems; insect- plant relationship; insect pests of agricultural and horticultural crops, and their stored/processed products, insect vectors of plant diseases identification, biology, nature of damage, and their management tactics; and pests of household, medical and veterinary importance and their control; useful and beneficial insects like honeybee, lac insect, silkworm and pollinators; Nematode taxonomy, biology of important plant parasitic nematodes and their control; entomopathogenic nematodes, basic principles of insect and nematode pest management-cultural, biological, insecticidal, quarantine, and regulatory aspects; insecticide classification and insecticide resistance management; and insect protective transgenic crops.

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Institute Of Legal Studies And Research

NOTICE

DATE: 29th AUGUST, 2020

All the students are hereby informed that the Institute is going to run the classes for competitive examination/ corporate training for the newly admitted students. All the students are required to attend the same of his/her area of interest.

(Head & Dean, ILSR)

Prof. (Dr.) Avinash Dadhich
LL.M (France), Ph.D (UK) & ILVP Fellow (USA)
Dean and Professor of Law
Institute of Legal Studies and Research
GLA University, Mathura

GLA UNIVERSITY MATHURA

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Institute Of Legal Studies And Research

BA/B. COM LL.B. (HONS) PROGRAMME

CORPORATE LAW

Objectives:

This course is designed to provide the student with knowledge of the legal environment in which a consumer and businesses operates, and to provide the student with knowledge of legal principles.

Course Outcomes: On completion of this course, learners will be able to:

- On completion of this course, learners will be able to appreciate the relevance of corporate law to individuals and corporates and the role of law in an economic, political and social context.
- Identify the fundamental legal principles behind contractual agreements.Examine how businesses can be held liable in tort for the actions of their employees.
- Understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer.
- Acquire problem solving techniques and to be able to present coherent, concise legal

1st YEAR SYLLABUS

Module No.	Content	Teaching Hours
Module-I	**Corporate Incorporation and Management Business Organization, Corporate personality and Registration of companies** • Business organization and corporate personality: its nature, advantages, disadvantages and types Registration, incorporation and commencement of business by companies Objects, powers of companies and their internal administration • **Kinds of meetings and other applicable law** Kinds of companies Meetings of companies Other laws affecting companies • **Raising of capital by companies** Share capital and its nature, kinds, rights and liabilities of shareholders Alteration of capital and its implications Raising of capital by companies by issue of securities Listing and de-listing of securities and their implications	**30**

	• **Corporate Management and Governance: Part 1** Governance structure of companies Directors, their appointment, qualifications, position, powers, duties and liabilities Types of directors and other managerial personnel companies • **Corporate Management and Governance: Part 2** Corporate governance in Indian companies Corporate Social Responsibility Promoters, their position, power, duties and liabilities	
Module-II	• Letter writing • CV Drafting , Cover Letter & applying for internships • Introduction to parts of Contract • Contract Drafting Checklist • Roadmap for learning contract drafting skills • Latin Maxims of Law • Advocacy (oral work in court) • How to do Research	**30**

REFERENCE BOOKS:

- Anil Kumar: 'Taxman's Corporate Law"
- Franklin Gevurtz: 'Global Issues in Corporate Law"
- R.N. Chaturvedi: 'Pleading, Drafting & Conveyancing'
- H.L. Kumar: 'Legal Drafting: Do it yourself'
- Nayan Joshi:'Legal Writing & Drafting'
- R.K. Sahani& B.L. Bansal: 'Pleadings & Drafting (Civil & Criminal)

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BA/B. COM LLB (HONS) PROGRAMME

CORPORATE LAW

Objectives:

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Course Outcomes: On completion of this course, learners will be able to:

- On completion of this course, learners will be able to appreciate the relevance of corporate law to individuals and corporates and the role of law in an economic, political and social context.
- Identify the fundamental legal principles behind contractual agreements. Examine how businesses can be held liable in tort for the actions of their employees.
- Understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer.
- Acquire problem solving techniques and to be able to present coherent, concise legal

2nd YEAR SYLLABUS

Module No.	Content	Teaching Hours
Module-I	**Corporate Management and Governance:** • Governance structure of companies • Directors, their appointment, qualifications, position, powers, duties and liabilities • Types of directors and other managerial personnel companies • Corporate governance in Indian companies • Corporate Social Responsibility • Promoters, their position, power, duties and liabilities **Corporate Incorporation and Management** • Certificate of Incorporation • Memorandum and Articles of Association	30

	• Doctrine of Ultra Vires & Intra Vires • Doctrine of Indoor Management • Directors: Appointment, Removal, Position, Powers and Duties of Directors. • Audit Committee: Its Role. • Corporate Governance and Social Responsibility • Comparative study of Corporate law with various law subject like Indian Contract Act, TPA, Indian Companies Act, 2013, Consumer Protection Act etc.	
Module-II	• Letter writing • Evaluation of judgment (including extraction of the *ratio decidendi*) • Advocacy (oral work in court) • Drafting legal documents • CV Drafting , Cover Letter & applying for jobs • Dissertation writing • Writing a Research Proposal • Drafting Non Disclosure Agreements	**30**

REFERENCE BOOKS:

- Anil Kumar: 'Taxman's Corporate Law"
- Franklin Gevurtz: 'Global Issues in Corporate Law"
- R.N. Chaturvedi: 'Pleading, Drafting & Conveyancing'
- H.L. Kumar: 'Legal Drafting: Do it yourself'
- Nayan Joshi: 'Legal Writing & Drafting'
- R.K. Sahani & B.L. Bansal: 'Pleadings & Drafting (Civil & Criminal)

GLA UNIVERSITY MATHURA

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Institute Of Legal Studies And Research

BA/B. COM LLB (HONS) PROGRAMME

CORPORATE LAW

Objectives:

This course is designed to provide the student with knowledge of the legal environment in which a consumer and businesses operates, and to provide the student with knowledge of legal principles.

Course Outcomes: On completion of this course, learners will be able to:

- On completion of this course, learners will be able to appreciate the relevance of corporate law to individuals and corporates and the role of law in an economic, political and social context.
- Identify the fundamental legal principles behind contractual agreements. Examine how businesses can be held liable in tort for the actions of their employees.
- Understand the legal and fiscal structure of different forms of business organizations and their responsibilities as an employer.
- Acquire problem solving techniques and to be able to present coherent, concise legal

3rd YEAR SYLLABUS

Module No.	Content	Teaching Hours
Module-I	**Corporate Incorporation and Management** • Certificate of Incorporation • Memorandum and Articles of Association • Doctrine of Ultra Vires & Intra Vires • Doctrine of Indoor Management • Directors: Appointment, Removal, Position, Powers and Duties of Directors. • Audit Committee: Its Role. • Company Secretary: Qualification, Appointment and Duties • Officer who is in default: Definition of Officer who is in default • Liability of independent directors. • Types of Meetings	**30**

	• Procedure of calling meeting • Company's resolutions and its kinds • Oppression & Mismanagement and Investigation • Corporate Liquidation • Corporate Governance and Social Responsibility • Comparative study of Corporate law with various law subject like Indian Contract Act, TPA, Indian Companies Act, 2013, Consumer Protection Act etc.	
Module-II	• Interviews with clients • Letter writing • Evaluation of judgment (including extraction of the *ratio decidendi*) • Advocacy (oral work in court) • Drafting legal documents • CV Drafting , Cover Letter & applying for jobs • Dissertation writing • Writing a Research Proposal • Non Disclosure Agreements, MOUs, Employment Agreements, Consultancy and Services Agreements, License Agreements, Co-Founders Agreements, Amendment Agreements, Partnership Deed, Lease Agreements, Templates of all agreements	**30**

REFERENCE BOOKS:

- Anil Kumar: 'Taxman's Corporate Law"
- Franklin Gevurtz: 'Global Issues in Corporate Law"
- R.N. Chaturvedi: 'Pleading, Drafting & Conveyancing'
- H.L. Kumar: 'Legal Drafting: Do it yourself'
- Nayan Joshi: 'Legal Writing & Drafting'
- R.K. Sahani & B.L. Bansal: 'Pleadings & Drafting (Civil & Criminal)

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Preliminary Exam Syllabus

- General Knowledge
- Communications and Space
- Current National Issues & topics of Social relevance.
- Geography of India.
- History of India.
- India and the World.
- Indian Culture.
- Indian Economy.
- Indian Polity.
- International Affairs and Institutions.
- Science and Technology etc.

Law:

- Civil Procedure Code.
- Criminal Procedure Code.
- Current International Affairs.
- Indian Constitution.
- Indian Evidence Act.
- Indian Penal Code.
- International Organizations.
- Law of Contract.
- Transfer of Property Act
- Jurisprudence

Main Exam Syllabus:

General Knowledge (Paper – 1) 3 HOURS /200Marks

- Communications and Space
- Current National Issues.
- Geography of India.
- History of India.

- India and the World.
- Indian Culture.
- Indian Economy.
- Indian Polity.
- International Affairs and Institutions.
- Science and Technology.
- Topics of Social relevance etc.

Language (Paper – 2) 3 HOURS /200Marks

- English Precis writing. 60 Marks
- Essay writing. 60 Marks
- Translation of Passage from English to Hindi. 40 Marks
- Translation of passage from Hindi to English. 40 Marks

Law – I (Paper – 3) 3 HOURS /200Marks

Substantive Law

- Constitutional Law.
- Hindu Law.
- Law of trust and specific relief.
- Mohammedan Law.
- The Law concerning easements and torts.
- The Law of Contracts.
- The Law of Partnership.
- The Law relating to the principles of equity.
- The Law relating to transfer of property.

Note: There shall be questions of 50 marks in relation to Constitutional Law alone.

Law-II Paper – 4) 3 HOURS /200Marks

Procedure and Evidence

- Code of Civil Procedure.
- Evidence of witnesses.
- Framing of charges.
- Practical matters.
- Principles of pleading.

- The conduct of cases.
- The Criminal Procedure Code.
- The Law of Evidence.
- The writing of judgment.

Law-III (Paper – 5) 3 HOURS /200Marks

Penal, Revenue and Local Laws

- Indian Penal Code.
- Land reforms Act 1951, Uttar Pradesh.
- The Uttar Pradesh Zamindari Abolition.
- Consolidation of Holdings Act, 1953.
- Panchayat Raj Act.
- Urban Buildings (Regulation of Letting, Rent and Eviction) Act, 1972.
- Uttar Pradesh Municipalities Act.
- Uttar Pradesh Urban (Planning and Development) Act 1973.

Interview

Candidates who are qualified in both prelims and mains exam will be called for interview. Candidates will be selected in the interview on the basis of behavior, personality, nature of answering the questions. The authorities have a right to call the candidates on the basis of merit only i.e the marks obtained in the prelims and mains exam. The marks obtained in both prelims and mains will be taken both in aggregate only.

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Syllabus for Judiciary Classes in GLA, University

First Year

General Studies Paper

- History of India.
- India and the World.
- Indian Culture.

Law Paper

- Indian Constitution.
- Current International Affairs.

Second Year

General Studies Paper

- Indian Polity.
- International Affairs and Institutions

Law Paper

- Law of Contract.
- International Organizations.

Third Year

General Studies Paper

- Current National Issues.
- Geography of India.

Law Paper

- Indian Penal Code.
- Criminal Procedure Code.

Fourth Year

General Studies Paper

- Science and Technology.
- Communications and Space

Law Paper

- Indian Evidence Act.
- Transfer of Property Act

Fifth Year

General Studies Paper

- Indian Economy.

Law Paper

- Civil Procedure Code.
- Jurisprudence
- Local Laws

GLA UNIVERSITY, MATHURA

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SCHEDULE TIME TABLE

GLA UNIVERSITY

INSTITUTE OF LEGAL STUDIES AND RESEARCH

B.Com. LLB 2nd Year (5th Trimester 2020-2021)

Day	1	2	3	4	5	6	7	8
	10:20- 11:10 AM	11:10-12:00 PM	12:00-12:50 PM	12:50-01:50 PM	01:50-02:40 PM	02:40-03:30 PM	3:30-04:20 PM	04:20-05:10 PM
Monday	Family Law II	Contract Law II	Judiciary/corporate		Jurisprudence	Managerial Economics I	Contract Law II	Library
Tuesday	Family Law II	Contract Law II	Judiciary/corporate	LUNCH	Jurisprudence II	Managerial Economics I	Jurisprudence II	Library
Wednesday	Family Law II	Contract Law II	Judiciary/corporate		Jurisprudence II	Managerial Economics I	–	Family Law II
Thursday	Family Law II	Contract Law II	Library		Jurisprudence II	Managerial Economics I	–	Family Law II
Friday	Family Law II	Contract Law II	Library		Jurisprudence II	Managerial Economics I	Contract Law II	Judiciary/corporate
Saturday	Family Law II	Contract Law II	Library		Jurisprudence II	Managerial Economics I	Jurisprudence II	Judiciary/corporate

Room No 525
Academic Block-X

S.N.	Subject	Faculty
1	Jurisprudence II	Dr. O. N. Tiwari
2	Family Law II	Ms. Surabhi Sharma
3	Manegerial Economics I	Mr. Sagar Varshney
4	Contract Law II	Mr. I K Singh
	Judiciary/corporat	Mr. Ashvini Mishra/Surabhi Bh

Class Advisor: I. K. Singh (9807700444)

I. K. Singh
Program Coordinator, ILSR

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SCHEDULE TIME TABLE

GLA UNIVERSITY MATHURA

INSTITUTE OF LEGAL STUDIES AND RESEARCH

B.Com. LLB 3rd Year (8th Trimester 2020-2021)

Day	1	2	3	4	5	6	7	8
	10:20- 11:10 AM	11:10-12:00 PM	12:00-12:50 PM	12:50-01:50 PM	01:50-02:40 PM	2:40-03:30 PM	3:30-04:20 PM	04:20-05:10 PM
Monday	Labour Law II	Principles and Practices of Banking	Law of Crimes II	LUNCH	Administrative Law	Law of Crimes II	Labour Law II	Administrative Law
Tuesday	Labour Law II	Principles and Practices of Banking	Law of Crimes II		Administrative Law	–	–	Judiciary/corporate
Wednesday	Labour Law II	Principles and Practices of Banking	Law of Crimes II		Administrative Law	–	–	Judiciary/corporate
Thursday	Labour Law II	Principles and Practices of Banking	Law of Crimes II		Administrative Law	–	Labour Law II	Judiciary/corporate
Friday	Labour Law II	Principles and Practices of Banking	Law of Crimes II		Administrative Law	Law of Crimes II	–	Administrative Law
Saturday	Labour Law II	Principles and Practices of Banking	Law of Crimes II	Judiciary/corp	Administrative Law	–	–	Library

Room No 435
Academic Block-X

Class Advisor: Dr. Gurudev Sahil (8527747077)

S.N.	Subject	Faculty
1	Labour Law II	Mr. D K Balakrishnan
2	Principles and Practices of Ba	Mr. Anupam Sharma
3	Law of Crimes II	Dr. Gurudev Sahil
4	Administrative Law	Dr. Avinash Dadhich
5	Judiciary /corpor	Mr. Ashvini Mishra/Surabhi Bh

I.K. Singh
Program Coordinator, ILSR

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SCHEDULE TIME TABLE

GLA UNIVERSITY MATHURA

INSTITUTE OF LEGAL STUDIES AND RESEARCH

B.A. LLB (Hons) 1st Year (2nd Trimester 2020-2021)

Day	1	2	3	4	5	6	7	8
	10:20- 11:10 AM	11:10-12:00 PM	12:00-12:50 PM	12:50-01:50 PM	01:50-02:40 PM	2:40-03:30 PM	3:30-04:20 PM	04:20-05:10 PM
Monday	General English- II	Library	History- I		Constitutional Law II	Sociology	–	Sociology- I
Tuesday	General English- II	Library	History- I	LUNCH	Constitutional Law II	–	Constitutional Law- II	Sociology- I
Wednesda	General English- II	Library	History- I		Constitutional Law II	–	Constitutional Law II	Sociology- I
Thursday	General English- II	Library	History- I		Constitutional Law II	English Speaking	–	Sociology- I
Friday	General English- II	Library	History- I		Constitutional Law II	–	Constitutional Law- II	Sociology- I
Saturday	General English II	Library	History- I		–	–	–	–

Room No 524
Academic Block-X

S.N.	Subject	Faculty
1	Constitutional Law- II	Ms. Surabhi Sharma
2	History I	Dr. Sandeep Triparthi
3	General English- II	Dr. Divya Gupta
4	Sociology- I	Dr. Sandeep Triparthi

Class Advisor: Surabhi Sharma (8377068898)

I. K. Singh
Program Coordinator, ILSR

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SCHEDULE TIME TABLE

GLA UNIVERSITY MATHURA

INSTITUTE OF LEGAL STUDIES AND RESEARCH

B.A. LLB (Hons) 3rd Year (8th Trimester 2020-2021)

Day	1	2	3	4	5	6	7	8
	10:20- 11:10 AM	11:10-12:00 PM	12:00-12:50 PM	12:50-01:50 PM	01:50-02:40 PM	02:40-03:30 PM	03:30-04:20 PM	04:20-05:10 PM
Monday	Labour Law II	Political Science VI	Law of Crimes II		Administrative Law	Law of Crimes II	Labour Law II	Administrative Law
Tuesday	Labour Law II	Political Science VI	Law of Crimes II	LUNCH	Administrative Law	–	–	Judiciary/corporate
Wednesday	Labour Law II	Political Science VI	Law of Crimes II		Administrative Law	–	–	Judiciary/corporate
Thursday	Labour Law II	Political Science VI	Law of Crimes II		Administrative Law	–	Labour Law II	Judiciary/corporate
Friday	Labour Law II	Political Science VI	Law of Crimes II		Administrative Law	Law of Crimes II	–	Administrative Law
Saturday	Labour Law II	Political Science VI	Law of Crimes II		Administrative Law	–	–	Judiciary/corporate

Room No 435
Academic Block-X

S.N.	Subject	Faculty
1	Labour Law II	Mr. D K Balakrishnan
2	Political Science VI	Dr. Sandeep Tripathi
3	Law of Crimes II	Dr. Gurudev Sahil
4	Administrative Law	Dr. Avinash Dadhich
5	Judiciary/corporate	Mr. Ashvini Mishra/Surbhi Bhandari

Class Advisor: Dr. Gurudev Sahil (8527747077)

I. K. Singh
Program Coordinator, ILSR