

(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF CIVIL ENGINEERING CIRCULAR

Date: 05/12/2016

All the students of B.Tech III year are informed that the Department of Civil Engineering is conducting "GATE COACHING CLASSES" scheduled from 12/12/2016 to 07/01/2017 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names at office of HOD-CE on or before 09/12/2016. Schedule for GATE coaching classes will be issued soon.

Note:- Bus route no 02 will ply at 06:30PM from our college premises up to uppal X Road.

HOD-GE

Copy to:

- 1. Hon'ble-Chairman/Secretary For information
- 2. Principal's Office

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Samskruti College of Engg. & Technology Kondapur (V), Ghalkesar (M), Medchal Dist.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF CIVIL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra: Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

Calculus: Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima; Taylor series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities; Directional derivatives; Line, Surface and Volume integrals.

Ordinary Differential Equation (ODE): First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; initial and boundary value problems.

Partial Differential Equation (PDE): Fourier series; separation of variables; solutions of onedimensional diffusion equation; first and second order one-dimensional wave equation and twodimensional Laplace equation.

Probability and Statistics: Sampling theorems; Conditional probability; Descriptive statistics – Mean, median, mode and standard deviation; Random Variables – Discrete and Continuous, Poisson and Normal Distribution; Linear regression.

Section 2: Structural Engineering

Engineering Mechanics: System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.

Solid Mechanics: Bending moment and shear force in statically determinate beams; Simple stressand strain relationships; simple bending theory, flexural and shear stresses, shear centre; Uniformtorsion, Transformation of stress; buckling of column, combined and direct bending stresses.

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Section 3: Geotechnical Engineering

Soil Mechanics: Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Seepage through soils – two - dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One- dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.

Foundation Engineering: Sub-surface investigations - Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - Finite and infinite slopes, Bishop's method; Stress distribution in soils - Boussinesq's theory; Pressure bulbs, Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations - dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency, negative skin friction.

Section 4: Water Resources Engineering

Fluid Mechanics: Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Conceptof boundary layer and its growth; Concept of lift and drag.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.

Hydrology: Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run- off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's Law.

Irrigation: Types of irrigation systems and methods; Crop water requirements - Duty, delta, evaporanspiration; Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable foundation; cross drainage structures.

Section 5: Transportation Engineering

Transportation Infrastructure: Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments.

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Geometric design of railway Track - Speed and Cant.

Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

Highway Pavements: Highway materials - desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid pavement using IRC codes

Traffic Engineering: Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway capacity

Section 6: Environmental Engineering

Water and Waste Water Quality and Treatment: Basics of water quality standards – Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment.

Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.

Air Pollution: Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

Section 7: Geomatics Engineering

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.

Photogrammetry and Remote Sensing - Scale, flying height; Basics of remote sensing and GIS.

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SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF CIVIL ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Linear Algebra, Mean value Theorem.
DAY2	Ordinary Elibberential Equation (ODE)
	particul Altherential Equation (PDE)
DAY 3	Sampling Theorem. Random Variable,
	Knear regression.
DAY 4	System of forces, free-body Diagrams
	Equilibrium Equation.
DAY 5	Simple stressed stockn relationship
	Buck 19ng of column.
DAY 6	Water Resources Engineering.
	Fulid Mechanics
DAY 7	Hydraulics
DAY 8	Hydrology
DAY 9	Irrigation.
DAY 10	Structural Engineering - Engineering mechanics.
DAY 11	Solid Mechanics
DAY 12	Gentochenical Engineering - soil Mechanics.

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DAY 13	foundation Engineering
DAY 14	Water Resource Engineering - fluid mechanics, Hydraulics
DAY 15	Hydmlogy, Irrigation.
DAY 16	Transportation Engineering - Transportation Intractructure. Geometric designofrailusey
DAY 17	thighway pavement Traffic Engineering.
DAY 18	Environmental Engineering - Wakr and wask water ouality & Treatment.
DAY 19	Air pollution, municipal solid waste.
DAY 20	Geomatics Engineering: - Distance and angle measurements.
DAY 21	photogrametry and Remote Sensing,

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<u>DEPARTMENT OF CIVIL ENGINEERING</u> <u>LIST OF REGISTERED STUDENTS</u>

SNO	HNO	NAME OF THE STUDENT
1	14U11A0102	ANANTHULA SHIRISHA
2	14U11A0106	BANOTH LENINKUMAR
3	14U11A0107	BANOTHU MAHENDAR
4	14U11A0110	DANAVATH RAHUL
5	14U11A0111	DANDIGA SIVA KUMAR
6	14U11A0112	DAPPULA SAGAR
7	14U11A0113	DHARAVATH YAKANNA
8	14U11A0114	DYAGALA BIKSHAPATHI
9	14U11A0115	EERADHU RANJITH
10	14U11A0116	GANDAMALLA ASHOK
11	14U11A0118	GUDDETI VIKRAM
12_	14U11A0119	GUDURI MAHENDER
13	14U11A0120	GUGULOTH SUMAN
14	14U11A0121	GUGULOTHU RAMBABU
15	14U11A0123	JADHAV BABU LAL
16	14U11A0124	JADI SANJEEV KUMAR
17	14U11A0126	JATOTH NIRMAL NAIK
18	14U11A0128	K VENKATESH
19	14U11A0129	KATLA VINAYKUMAR
20	14U11A0131	KEISHAM HENRY SINGH
21	14U11A0132	KHARIBAM SUPRINDRO METIEI
22	14U11A0133	KONTHOJAM JOHSON SINGH
23	14U11A0134	KUNSOTH SATHEESH
24	14U11A0102	ANANTHULA SHIRISHA
25	14U11A0106	BANOTH LENINKUMAR
26	14U11A0107	BANOTHU MAHENDAR
27	14U11A0110	DANAVATH RAHUL
28	14U11A0111	DANDIGA SIVA KUMAR
29	14U11A0112	DAPPULA SAGAR
30	14U11A0113	DHARAVATH YAKANNA
31	14U11A0114	DYAGALA BIKSHAPATHI
32	14U11A0115	EERADHU RANJITH
33	14U11A0116	GANDAMALLA ASHOK
34	14U11A0118	GUDDETI VIKRAM

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		NAME OF THE COURSENT
SNO	HNO	NAME OF THE STUDENT
35	14U11A0139	MD FARHAN
36	14U11A0140	MD RIZWAN
37	14U11A0142	MOHAMMAD NADEEM ARAFATH
38	14U11A0143	MOIRANGTHEM SANTOSH SINGH
39	14U11A0144	MOODA MEGHYA
40	14U11A0145	MUDA RAJESH NAIK
41	14U11A0146	MYLARAM MANIVARDHAN
42	14U11A0148	PILLITLA SAGAR
43	14U11A0149	PUKHRAMBAM SANTOSH SINGH
44	14U11A0150	R VENKAIAH
45	14U11A0151	RAMAVATH ANILKUMAR
46	14U11A0152	RAMAVATH HARIKRISHNA NAIK
47	14U11A0153	RATHNA SURYA TEJA
48	14U11A0155	SAPAM NIBASH SINGH
49	14U11A0157	SHAGOLSEM JIT SINGH
50	14U11A0158	SHIVARATHRI SRIKANTH
51	14U11A0160	SUKHAJIT KHAIDEM
52	14U11A0161	SURAGOUNI ABHILASH GOUD
53	14U11A0165	THOUNAOJAM RANJAN SINGH
54	14U11A0168	VEMULA ANIL
55	14U11A0170	YATA RAMYA
56	14U11A0171	DASARAPU RAJESH
57	14U11A0172	GUGULOTH SUMAN
58	14U11A0173	SANASAM MANICHANDRA SINGH
59	15U15A0101	ANTHERUPULA RADHAKRISHNA
60	15U15A0102	AJMIRA KRISHNA VENI
61	15U15A0103	ANDOOJU PRITHVI CHARY
62	15U15A0104	CHILUKURI BADRISRINATH
63	15U15A0105	DHARMSOTH SURESH
64	15U15A0106	DHARAVATH ANITHA
65	15U15A0107	DODDI SRINATH
66		D GANGA
67		GUDURU VENU
68		GURRALA SRIKANTH
69		JANGAM VIJAY KUMAR
70	 	KANCHAM BHANU
71	15U15A0113	KARAMPURI BHRATH
		KATA GOUNI RAKESH GOUD
72		KUNDOJU SAI KRISHNA
73	13013A0113	KUNDOJO DAI KRIBITATI

TRAINING COORDINATOR

Reddy

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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

REPORT

DATE: 10/01/2017

NAME OF THE PROGRAMME: GATE COACHING

DATE: 12/12/2016 to 07/01/2017

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Civil Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

The following subjects taught by the following faculty:

S.No	Name of the subject	Subject expert
1	Geo Technical Engineering	Mr. Y. Shiva Kumar Reddy
2	Strength Of Materials	Ms.G.Swarna
3	Environmental Engineering	Mr.J.Mohan
4	Water Resources Engineering	Mr.J.Rana Prathap
5	FM&HM	Mr.P.Anjaih
6	Surveying	Mr.P. Avinash
7	Transportation Engineering	Mr.K.Prathap Reddy
8	Design Of RCC and Steel Structures	Mr.P.Bikku
9	Engineering Mathematics	Mr.Shashichandar Rao
10	Hydrology	Ms.K.Divya

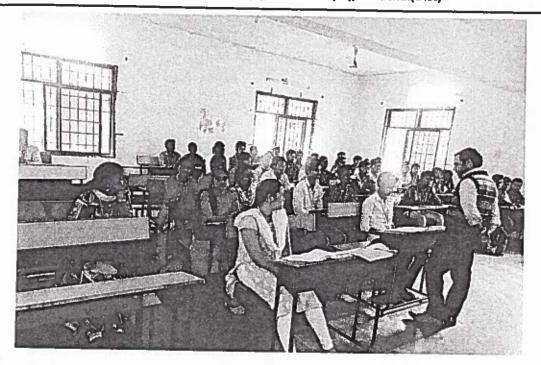
Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list III B.Tech Civil students whose participate in GATE class is also enclosed.

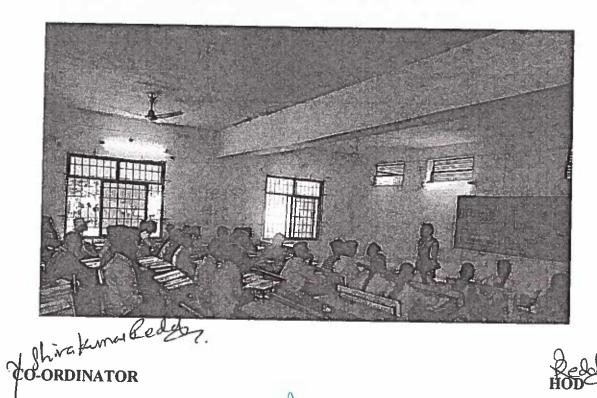
CO-ORDINATOR

Samskruti College of Engg. & Technology Kon., Jur (V), Ghalkesar (M), Medchal Dist. Reddi



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-102 (FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year Civil students attended for the Academic Year: 2016-2017

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co-ordinator

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist Reddy

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CIRCULAR

Date: 05/12/2016

All the students of B. Tech III year are informed that the Department of Electrical & Electronics Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 12/12/2016 to 07/01/2017 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-EEE on or before 09/12/2016. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

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CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. Notice Board

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal Dist



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING SYLLABUS FOR GATE EXAM

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 improper integrals, 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, Divergence theorem, Green'stheorem.

Differential equations: First order equations (linear and nonlinear), Higher order linear differential equations 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, Taylor series, 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.

Section 2: Electric circuits

Network elements: ideal voltage and current sources, dependent sources, R, L, C, M elements; Network solution methods: KCL, KVL, Node and Mesh analysis; Network Theorems: Thevenin's, Norton's, Superposition and Maximum Power Transfer theorem; Transient response of dc and ac networks, sinusoidal steady-state analysis, resonance, two port networks, balanced three phase circuits, star-delta transformation, complex power and power factor in ac circuits.

Section 3: Electromagnetic Fields

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

Section 4: Signals and Systems

Representation of continuous and discrete time signals, shifting and scaling properties, linear time invariant and causal systems, Fourier series representation of continuous and discrete time periodic signals, sampling theorem, Applications of Fourier Transformfor continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform

Section 5: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three-phase transformers: connections, vector groups, parallel operation; Auto-transformer, Electromechanical energy conversion principles; DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, speed control of dc motors; Three-phase induction machines; principle of

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operation, types, performance, torque-speed characteristics, no-load and blocked-rotor tests, equivalent circuit, starting and speed control; Operating principle of single-phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance and characteristics, regulation and parallel operation of generators, starting of synchronous motors; Types of losses and efficiency calculations of electric machines

Section 6: Power Systems

Basic concepts of electrical power generation, ac and dc transmission concepts, Modelsand performance of transmission lines and cables, Economic Load Dispatch (with and without considering transmission losses), Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss- Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of overcurrent, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

Section 7: Control Systems

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

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

Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: biasing, equivalent circuit and frequency response; oscillators and feedback amplifiers; operational amplifiers: characteristics and applications; single stage active filters, Active Filters: Sallen Key, Butterwoth, VCOs and timers, combinatorial and sequential logic circuits, multiplexers, demultiplexers, Schmitt triggers, sample and hold circuits, A/D and D/A converters.

Section 10: Power Electronics

Static V-I characteristics and firing/gating circuits for Thyristor, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost Converters; Single and three-phase configuration of uncontrolled rectifiers; Voltage and Current commutated Thyristor based converters; Bidirectional ac to dc voltage source converters; Magnitude andPhase of line current harmonics for uncontrolled andthyristor based converters; Powerfactor and Distortion Factor of ac to dc converters; Singlephaseand three-phasevoltage and current source inverters, sinusoidal pulse width modulation.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING LIST OF REGISTERED STUDENTS

	100000000000000000000000000000000000000	
1	14U11A0201	BATHINI ANIL KUMAR
2	14U11A0202	BHUKYA SURESH
3	14U11A0203	BHUKYA VENKATESH
4	14U11A0204	ENUGU RAMESH
5	14U11A0205	ERRAGUNTA SATHISH
6	14U11A0206	KANDULA GHNANAMMA
7	14U11A0207	KARANTOTHU NARENDAR
8	14U11A0208	KOLI SETTI SAIKUMAR
9	14U11A0209	L RAMESH
10	14U11A0210	NYATHANI SAIKRISHNA
11	14U11A0211	POLEPAKA SHIREESHA
12	14U11A0212	VARAKALA SATHISH
13	14U11A0213	SYED HYDER PASHA
14	14U11A0214	B S N ABHISHEK
15	15U15A0201	A PRASHANTH
16	15U15A0202	BAYYAM SANDEEP
17	15U15A0203	DARAVAT RAJU
18	15U15A0204	GANGULA SURYA NIRMITHA
19	15U15A0205	GATLA RAMA MOHAN
20	15U15A0206	GATTU MANEESHA
21	15U15A0207	GORRE AKHIL KUMAR
22	15U15A0208	INNAMERLA SAI KRISHNA
23	15U15A0209	KURMA SRICHARAN
24	15U15A0210	M ARUNA
25	15U15A0211	MD ALTHAF
26	15U15A0212	NAGAPURI SAITEJA
27	15U15A0213	NAGULAPALLI VENKATESH
28	15U15A0214	PALLAPU NARESH
29	15U15A0215	PALLY SAI RAM GOUD

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30	15U15A0216	POKULA NAVEEN KUMAR
31	15U15A0217	SUDAGANI KRISHNA MURTHY
32	15U15A0218	TADURI VIJAY KUMAR
33	15U15A0219	TARRA SRIKANTH
34	15U15A0220	THALARI VIJAYKANTH
35	15U15A0221	VALLALA SPANDANA
36	15U15A0222	VANGARI BALA KRISHNA
37	15U15A0223	VENNOLLU NIKHIL
38	15U15A0224	YARAKALA SHIVA KUMAR
39	15U15A0225	KOTWAL VINAY KUMAR
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAY1	Engineering mathematics.
DAY2	Linean Algebra.
DAY 3	calculus differential equation
DAY 4	Verto Analysis
DAY 5	Electrical cimult of Theorems
DAY 6	R.L, c Parameters
DAY 7	Toursient of Steady state Response
DAY 8	Electro Magnetic fiels
DAY 9	Gauss's Law Biot-Swarfikaw
DAY 10	Signals & System's C.T & Dits
DAY II	Electrical Machines
DAY 12	Power System's
DAY 13	Generation Tronsmission & Distribution

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DAY 14	Control System's
DAY 15	Rtt Criteria, Nyquist Flots
DAY 16	P, PI, PD Controlleis
DAY 17	Electrical Means rements
DAY 18	Electronical meansvencets
DAY 19	Dradog Electronics
DAY 20	Digital Electronics
DAY 21	Boolean Enpression minimization
DAY 22	Power flechonics
DAY 23	MOSFET, IGBI DC to DC Conveyly Jhyristous,
DAY 24	1-\$, 3-\$, voitage & Culit Source invertes.

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NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-321 (3rd FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year EEE students attended for the Academic Year: 2017-2018

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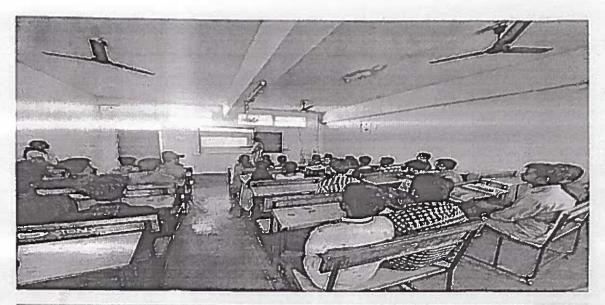
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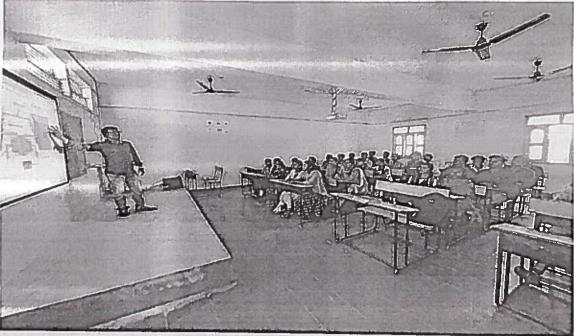
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REPORT

DATE: 10/01/2017

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 12/12/2016 to 07/01/2017

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Electrical and Electronics Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ECE students who participated in GATE classes is enclosed.

CO-ORDIVATOR

HOD

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DEPARTMENT OF MECHANICAL ENGINEERING **CIRCULAR**

Date: 05/12/2016

All the students of B. Tech III year are informed that the Department of Mechanical Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 12/12/2016 to 07/01/2017 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-ME on or before 09/12/2016. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ME

PRINCIPAL

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. All HODs

4. Notice Board

IQAC	CE	EEC	ME	ECE	CSE	MBA	H&S	AO
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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchai List-



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DEPARTMENT OF MECHANICAL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra -Linear equations, Matrix algebra, eigenvalues and eigenvectors.

Differential equations - Linear and nonlinear, Euler-Cauchy equation; higher-order linear differential equations with constant coefficients, initial and boundary value problems; solutions of heat, wave and Laplace's equations; Laplace transforms.

Calculus - Evaluation of definite and improper integrals; Functions of single variable, limit, continuity and differentiability, mean value theorem, indeterminate forms; double and triple integrals; total derivative, partial derivatives, maxima and minima, Taylor series (in one and two variables), Fourier series; divergence and curl, gradient, vector identities, line, directional derivatives, surface and volume integrals, and Green's theorems and applications of Gauss, Stoke.

Probability and Statistics - Probability, conditional probability; sampling theorems; median, mean, mode and standard deviation; binomial, random variables, normal and Poisson distributions.

Numerical Methods - Integration by trapezoidal and Simpson's rules; - Numerical solutions of linear and non-linear algebraic equations; single & multi-step for differential equations.

Complex variables - Cauchy-Riemann equations; Analytic functions, Taylor and Laurent series. Cauchy's integral theorem & integral formula

Section 2: Applied Mechanics and Design

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

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist Engineering Mechanics - Trusses and frames; Free body diagrams and equilibrium, virtual work; impulse and momentum (linear and angular), kinematics and dynamics of particles & of rigid bodies in plane motion and energy formulations, collisions.

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.

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

Vibrations - Effect of damping, Free and forced vibration of single degree of freedom systems, resonance, vibration isolation, critical speeds of shafts.

Section 3: Fluid Mechanics and Thermal Sciences

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

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

Applications - Power Engineering, I.C. Engines, Refrigeration and air-conditioning and Turbomachinery

Thermodynamics - Properties of pure substances, thermodynamic systems and processes, the behaviour of ideal and real gases, calculation of work and heat in various processes, zeroth and first laws of thermodynamics, the second law of thermodynamics, thermodynamic relations and thermodynamic property charts and tables, availability and irreversibility

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Section 4: Materials, Manufacturing and Industrial Engineering

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

Engineering Materials - Phase diagrams, structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials.

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

Computer Integrated Manufacturing - Concepts of CAD/CAM and their integration tools.

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

Production Planning and Control - Aggregate production planning, forecasting models, materials requirement planning and scheduling.

Operations Research - Simplex method, linear programming, transportation, network flow models, assignment, simple queuing models and PERT & CPM.

Inventory Control - Safety stock inventory control systems, Deterministic models.

HOD

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAY1	linear equation, Matrix algebra, eigenvalues and eigenvectors.
DAY2	linear & nonlinear, Euler-Cauchy equation; higher-order linear Diff equation control intelled and bountary of the poly.
DAY 3	Calculus - Evaluation of defrete 2 improper integrals functions of Single worlds.
DAY 4	Probability & Statistics - Probability, conditional probability, sampling meorens
DAY 5	humerical methods: - Integration by trapezoidual & siropsoni rules -
DAY 6	complex variables: _ cauchy-Riemann equations, Analytic fundishs, raylor & Laurent series, cauchy intrance
DAY 7	Mechanics of natural - dastic Constant, strens & Strain, poissons, Valio, ohin cylinder Mohr's circle to steen estron
DAY 8	Streves, testing of columns, shermal streves, testing of materials cuims universal testing machine, strain gauge.
DAY 9	frames; free body diagrany
DAY 10	leinematics & dynamics of particles & of reciprocably & rotality marrier.
DAY 11	Machine Design - Design for static Lodynamic loading, facture oreories.
DAY 12	Vibrations: effects of damping tree of storced vibration of strate dagme.
	of of readon systems. I all

amskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Disi

DAY 13	H.T. one dimensional heat conduction
	Modes of healt tronsylvs, unstready
DAY 14	Heisler's charts, dimensionless
DAT 14	parameters in free & forced conection
DAY 15	parametry in free & forced conection heat transfer thermal tourstary layer
DAT 13	yluid melchanics, fluid staticts,
	Proportion, manometry, busymay,
	stability of floating bodies, forces.
	Applications - power traincering,
DAY 16	Control of the state of the sta
	Dic figines, RR AC and
DAY	Two bornachinery.
DAY 17	Thermodynamics - properties of
W.	pure substances, shermodynamic
	Systems & processes, 2-20 lows
DAY 10	Cathon derive & Policies con
DAY 18	Cashing Places
	Casting forming & Johning process. Engineering Materials
	A
DAY 19	Machining & Machine Tool
	operation, computer stagrated
DATE	Metrology & Enspection.
DAY 20	05-1-1
	Production Planning & contral
DAY 21	Operations fereach.
	Envertory contral.

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DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	14U11A0301	ADULA SAMPATH
2	14U11A0302	ARANDULA CHANDRAKANTH
3	14U11A0303	AZMEERA OMNATH
4	14U11A0304	BANCHODE PRASHANTH
5	14U11A0305	BANOTH PRASAD
6	14U11A0306	BANSODE DILIP
7	14U11A0307	BETHI UDAY
8	14U11A0308	BHUKYA KISHOR KUMAR
9	14U11A0309	BHUKYA NAGENDRA
10	14U11A0310	BODA SRINIVAS
11	14U11A0311	BONTHU VEERAVENKATA
12	14U11A0312	CHINTA RAVINDAR
13	14U11A0313	DOBBALA ARUN KUMAR
14	14U11A0314	DURGAM RAJABABU
15	14U11A0315	ESLAVATH ANJANEYULU
16	14U11A0316	ESLAVATH RAJESH
17	14U11A0317	ESLAVATH SRIDHER
18	14U11A0318	GADDAMIDI MAHESH
19	14U11A0319	GADIPA RAJU
20	14U11A0320	GHATKE SURAJ
21	14U11A0321	GODAPARTHI PAVAN KALYAN
22	14U11A0322	GOLE SHIRISHA
23	14U11A0323	GOLLAPELLI RAVI
24	14U11A0324	GURRAM ANILKUMAR
25	14U11A0325	JARUPULA VEERESH
26	14U11A0326	KANDE SRIKANTH
27	14U11A0327	KANGUJAM SHACHIKUMAR
28	14U11A0328	MOHAMMED KHASIF AMWAR
29	14U11A0329	KOKKIRI PRAVEEN KUMAR
30	14U11A0330	KOLLA SAINIKHIL
31	14U11A0331	KOPPERA SHWETHA
32	14U11A0332	KUMMARI RAJANIKANTH
33	14U11A0333	LAMABAM AMARJEET SINGH
34	14U11A0334	LINGALA KRANTHI KUMAR

mskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medalli, Liat.

SNO	HNO	NAME OF THE STUDENT
35	14U11A0343	RACHAKONDA YELLESHWAR GOUD
36	14U11A0344	SHEELAM ANIL
37	14U11A0345	SHEELAM SANDEEP
38	14U11A0346	SRIRAVULA SHIVA SURYA
39	14U11A0347	TALARI SARVIN KUMAR
40	14U11A0348	THALARI NAGA RAJU
41	14U11A0349	THURAKA SRIKANTH
42	14U11A0350	URIMELLA VENUGOPAL
43	14U11A0351	VANGURU RAVI TEJA
44	14U11A0352	VANKAYALAPATI SRINADH
45	15U15A0301	ALLADURGAM ANIL KUMAR
46	15U15A0302	BANDARI RAGHU RAM
47	15U15A0303	BHUKYA LINGANNA
48	15U15A0304	BODDU RAJASHEKAR
49	15U15A0305	CHINTHAMALA ANUSHEKAR
50	15U15A0306	GAADARI KRANTHI KUMAR
51	15U15A0307	GADDAM SHIVAJI
52	15U15A0308	GADIREDDY RAVI
53	15U15A0309	GANTA VAMSHI KRISHNA
54	15U15A0310	GOGULOTH RAMNAYAK
55	15U15A0311	HARISH KANDUKURI
56	15U15A0312	KALAVENA SAI KIRAN
57	15U15A0313	KUMMARI PREMKUMAR
58	15U15A0314	LAVANGU AKARSH
59	15U15A0315	MUDUGULA ARUN
60	15U15A0317	PADAMATI VINEETH KUMAR

co-ordinator

R HOD

PRINCIPAL

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dis



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DEPARTMENT OF MECHANICAL ENGINEERING

REPORT

DATE: 10/01/2017

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 12/12/2016 to 07/01/2017

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for B.Tech III year ME students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Mechanical Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

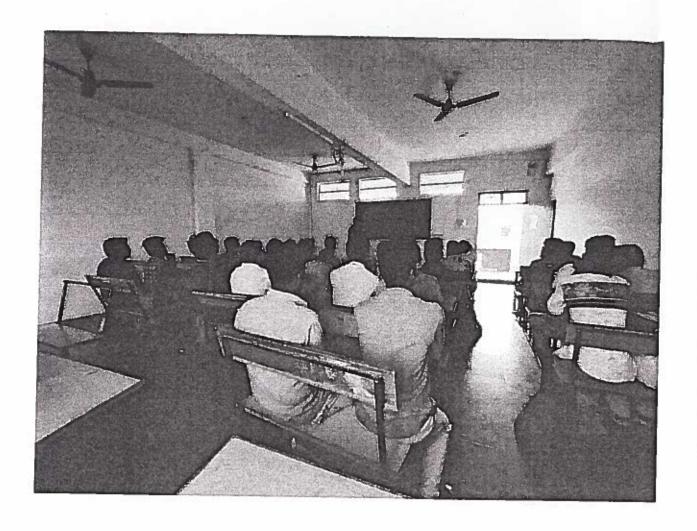
S.No	Name of the Subject	Subject Expert
1	Engineering Mechanics	Dr. T.Manvel Raj
2	Mechanics of Materials	Dr. Sudhakar Babu
3	Theory of Machines	Mr. K.Vijay Kumar
4	Machine Design	Mr. P.Keshav Rao
5	Heat-Transfer	Mr.B.Ramesh
6	Fluid Mechanics	Mrs. M.Swarna
7	Thermodynamics	Dr. K.Kantha Rao
8	Engineering Materials	Mr.M.Hari Prasad
9	Manufacturing and Industrial Engineering	Mr. Muthu Laxman
10	Computer Integrated Manufacturing	Mr. K.Shanthan Kumar
11	Production Planning and Control	Mr. A Jagdeesha
12	Operations Research	Mr.T.Lokanatham

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ME students who participated in GATE classes is enclosed.

COORDINATOR

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Askruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Managar Dist.



COORDINATOR

C/J_ L HOD

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-306 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ME students attended for the Academic Year: 2016-2017

SNO	HNO	12/12	15/12	W	15/1	17/1	14/2	20/	2//	7%	24/2	24/2	27/	4/2	29	34/	3/2	٥/,	₹,	4	7/1	4/,	\prod	m I	m II	T	\coprod	\prod	I	
1	14U11A0301	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	\prod	\prod	\prod	T	\prod	\coprod	\perp	
2	14U11A0302	P	P	P	P	P	P	ρ	P	P	P		P	P	P	P	P	Ρ	P	P	P	P	\prod		\coprod		Ш	\coprod		
3	14U11A0303	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	\prod		\coprod		Ш			П
4	14U11A0304	P	P	P	P	P	12	P	P	P	P	P		P	P	P	P	P	P	P	P	P	\coprod	\coprod	Ш	\perp	Ш			П
5	14U11A0305	P	IP	P	Ý	P	P	P	P	P	P	P		P	P	P	P	P	P	P	A	P	Ш		•		Ц	Ш	\perp	Ц
6	14U11A0306	P	n	P	P	n	P	P	P	P	A	P	P	A	ρ	n	2	P	P	P		P	Ц	Ц	Щ	_	Ц	Щ	\perp	Ц
7	14U11A0307	P	P	A	P	P	P	A	P	p	P	A	P	2	P	Р	A	P	A	P	P	<u>P</u>	Ц		Щ	╧	Ц	Щ	\perp	Ц
8	14U11A0308	fl	P	P	A	P	P	P	A	P	P	A	P	P	P	P	2	2	P	P	P	Ð	Ц	Ц	Щ	╧	Ц	Щ	1	Ц
9	14U11A0309	H	P	P	P	P	A	P	P	Α	P	ρ	A	P	p	7	P	P	P	A	12	1	Ш		Щ	╧	Ц	Щ	_	Ц
10	14U11A0310	P	P	P	P	P	P	P	ρ	P	P	P	P	P	P	P	H	P	A	Ħ	P	P	Ш		Щ	1	Ц	Ш	\perp	Ц
11	14U11A0311	P	P	P	P	'n	P	Р	P	P	ρ	P	P	N	A	P	A	P	P	P	P	P	Ш	\perp	Ш		Ц	Ш	╧	
12	14U11A0312	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Ш			\perp	Ш	Ш		Ц
13	14U11A0313	P	A	Ð	P	P	p	Ĥ	P	P	P	P	P	P	P	P	P	8	Ą.	P		P	Ш		\prod	\perp	Ш	Ш		Ш
14	14U11A0314	P	P	P	P		_	n	P	A	P	P	p	P	P	P	ρ	9	P	A	P	P	Ш		Ш	\perp	Ш	Ш		Ц
15	14U11A0315	P	P	P	'n	p	P	P	ρ	A	P	p	P	P	P	P	P	P	H	P	P	A	Ш		Ш	\perp	Ц	\prod		Ш
16	14U11A0316	ρ	P	P	P	N	Έ	P	P	1	p	P	A	P	P	P	P	P	P	P	P	A	\coprod		\coprod			1	\perp	П
17	14U11A0317	P	P	P	p	P	P	P	P	P	A	ρ	P	1	A	P	P	P	P	P	Ð	P	\coprod	\perp	\coprod		Ц	\coprod		Ц
18	14U11A0318	P	P	P	P	P	A	ρ	P	P	P	p	ρ	A	P	p	P	P	P	ρ	P	P	\prod		\prod		Ш			П
19	14U11A0319	P	P	H	P	P	P	₽	ρ	p	P	ρ	P	р	P	P	A	P	P		P	P	\prod		\prod		Ш			
20	14U11A0320	P	P	p	P	7	P	A	P	þ	'n	ρ	P	A	P	P	P	ħ	P	P	P	P	\prod		\prod		Ш			
21	14U11A0321	P	A	P	Р	p	Ĥ	P	A	p	ρ	P	P	ρ	P	ρ	P	A	P	A	P	P	П		\prod		Ц	Ш		Ш
22	14U11A0322	A	P	P	ρ	P	P	P	ρ	P	A	P	A	P	P	P	P	P	P	P	A	P	\prod	\prod	\prod		\prod			
23	14U11A0323	P	P	p	Ĥ	A	P	P	P	Ħ		P	9	P	A	þ	p	P	P	P	P	P	\prod	\perp	\prod		Ш	\coprod		
24	14U11A0324	P	P	P	P	ρ	P	P		ρ	ρ	P	P	P		A	P	p	P	P	P	A	П	\mathbf{I}	\prod	\Box		\prod	\perp	
25	14U11A0325	P	P	P	P	P	A	P	Ρ	P	ρ	p	A	P	P	ρ	Ŋ.	P	P	P		P	\prod		\prod					Ц
26	14U11A0326	A	P	A	P	A	A	P	P	P	P	P	p	A	p	P	P	n	P	P	A	P	\prod	\perp	\prod		\prod	\prod	\perp	
27	14U11A0327	ρ	P	P	H	0	p	P	A	P	P	P	p	P	ρ	P	ρ	P	P	P	p	P	\prod		\prod					
28	14U11A0328	P	12	P		P	P	P	P	ρ	ρ	A	P	P	P	ρ	A	P	p	p	P	h	П		\coprod			\coprod		Ш
29	14U11A0329	Р	A	P	P	P	n	P	P	ρ	þ	P	P	P	p	p	p	A	ρ	P	P	P	\prod		\prod	\int	\prod			
30	14U11A0330	P	P	P	_			n	ρ	P	Ā	P	P	A	P	P	P	Ð	ρ	P	A	p	П	T	\prod	J	\prod	\prod	Ι	
31	14U11A0331	р	P	P		P	A	P	Р	P	p	n	P	p	ρ	Р	P	P	P	P		P	П	T	T	T	П	\prod	T	\prod
32	14U11A0332	A	P	ก		P		A	P	P	P	Þ	р	p	p	P	A	P		P	P	P	П	T	П	T	П	\prod	T	
33	14U11A0333	P	P	A			P	P	1	P	P	Þ	المحادا	p	_	p	ρ	P	P	P	P	P	Π	T	\prod	7	П	\prod		П
34	14U11A0334	р	A	P		1	P	p	P	p	Þ	1	P	A	p	p	P	P	P	p	P	A	ΠŤ	T	11	7	П	П	T	Π

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghatkesai (III), Medchal Dist

SNO	HNO	17/9	13/2	14/,2	17/2	17/2	19/12	29/	2/12	27/12	23/2	24/2	27/ 12	23/	29/	30/	31/12	2/,	3/,	4/,	5/,	6),		1				
35	14U11A0343	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	ρ	ρ	P	P	9	p	\coprod	\prod			\prod	\Box
36	14U11A0344	P	ρ	P	P	P	Ρ	P	P	P	P	P	ρ_	P	P	P	P	þ	P	•	ġ.	P			Ш		П	
37	14U11A0345	Р	P	P.	P_	P	P	P	P	P	ρ	Ρ	P	P	P	P	P _	P	P	P	þ_	P		1	$\perp \downarrow$		Ц	\perp
38	14U11A0346	p	ρ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		P	P	Ш	1	Ш	\perp	Ш	
39	14U11A0347	P	P	p	P	ρ	P	ρ	P	P	P	P	P_	P	P	P	2	p	P		P	P	6		Ш		Ц	_
40	14U11A0348	P	N	P	P	A	Р	P	P	P	p	P	P.	P	P	Р	A_	ρ	A	P	P	P	11	1	11	<u> </u>	Ц	_
41	14U11A0349	ρ	P	P	р	A	P	P	A	P	A	7	A	P	A	P	P	P	<u>P</u>	A	A	P	4	1	Ц	4	\coprod	_
42	14U11A0350	ρ	ρ	P	P	ρ	A	P	P	P	P	A	P	A	P	P	P	P	P		P	A	11	1	Ш	_	\coprod	_
4	14U11A0351	P	P	P	P	ρ	1	P	P	P	P	P	٩	P	P	P	P	P	P	_	P	P	11	_	$\bot\!$	\perp	\coprod	4
44	14U11A0352	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	P	11	\perp	\coprod		Ц	_
45	15U15A0301	ρ	P	P	P	P	p	ρ	P	A	P	P	P_	A	A	ρ	P	ደ	A	p	P	P	11	4	\coprod	4	Щ	_
46	15U15A0302	Р	P	P	P	P	H	P	P	P	P	P	P	P	P	A	P	P	17	ρ	P	P			Ш		Ш	
47	15U15A0303	P	P	A	P	P	P	A	P	P	P	P	P	ρ	P	2	P	ρ	P	P	P	4	$\perp \downarrow$	4	Ш		Ц	_
48	15U15A0304	P	Р	ρ	P	A	P	P	P	P	P	P	P	p	P	P	P	Λ	P	A	P	P		_	Ц		Ц	4
49	15U15A0305	Ρ	Р	P.	P	ρ	P	P	P	P	A	p	P	P	P	P	a	2	P	P	A	P	Ш	\perp	Ш		Щ	
50	15U15A0306	A	P	ρ	P	P	P	P	P	P	ρ	P	n.	P	P	P	P	P	P	p	<u>P</u>	A	Ц	\perp	Ш		Щ	_
51	15U15A0307	P	A	ρ	P	P	P	P	A	P	P	A.	P	P	្រ	P	P	P	P	P	P	P	Ш		Ш		Ц	\Box
52	15U15A0308	P	ρ	P	ρ	n.	P	п	P	P	P	P	P	p	ρ	P	p	P	9	A	P	P	Ш	\perp	Ш		Ц	_
53	15U15A0309	P	P	A	n	Ρ	P	P	P	A	P	P	P	À	P_	A	P	P	P	P	P	7	Ш	4	Щ		Щ	
54	15U15A0310	P	ρ	P	P	ρ	P	P	р	P	P	P	P	A	P	P	A.	P	P	P	A	P	Ш	1	Ц		Ц	
55	15U15A0311	P	P	P	ρ	P	ρ	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A			Ш		Щ	
56	15U15A0312	ρ	ρ	P	ρ	Р	A	р	P	P	A	P	P	P	A_	A	p	A	A	P	P	P			\coprod		Ц	
57	15U15A0313	Ρ	P	ρ	A	P	P	P	A	P	P	ff-	P	p	P	P	P	p	P	P	P	P			Щ		Щ	
58	15U15A0314	Р	Λ	P	ρ	P	P	P	n	P	P	p	A	P	P	P	F	P	P	P	P	B						
0	15U15A0315	P	P	A	P	P	P	A	ρ	A	p	P	P	A	P	P	P	P	P	A	H	P				,		
60	15U15A0317		P	P	A	P	ρ	P	P	P	H	P	ก	Þ	A	A	P	A	P	P	P	P		1	П			1

COORDINATOR

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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal C.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CIRCULAR

Date: 05/12/2016

All the students of B. Tech III year are informed that the Department of Electronics & Communication Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 12/12/2016 to 07/01/2017 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-ECE on or before 09/12/2016. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ECE

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra: Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

Calculus: Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima; Taylor series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities; Directional derivatives; Line, Surface and Volume integrals.

Ordinary Differential Equation (ODE): First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; initial and boundary value problems.

Partial Differential Equation (PDE): Fourier series; separation of variables; solutions of onedimensional diffusion equation; first and second order one-dimensional wave equation and twodimensional Laplace equation.

Probability and Statistics: Sampling theorems; Conditional probability; Descriptive statistics – Mean, median, mode and standard deviation; Random Variables – Discrete and Continuous, Poisson and Normal Distribution; Linear regression.

Section 2: Networks, Signals and Systems

Circuit analysis: Node and mesh analysis, superposition, Thevenin's theorem, Norton's theorem, reciprocity. Sinusoidal steady state analysis: phasors, complex power, maximum power transfer.

Time and frequency domain analysis of linear circuits: RL, RC and RLC circuits, solution of network equations using Laplace transform. Linear 2-port network parameters, wye-delta transformation.

Continuous-time signals: Fourier series and Fourier transform, sampling theorem and applications.

Discrete-time signals: DTFT, DFT, z-transform, discrete-time processing of continuous-time signals. LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeroes, frequency response, group delay, phase delay.

Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic semiconductors, equilibrium carrier concentration, direct and indirect band-gap semiconductors.

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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.

Section 4: Analog Circuits Diode circuits:

clipping, clamping and rectifiers. BJT and MOSFET amplifiers: biasing, ac coupling, small signal analysis, frequency response. Current mirrors and differential amplifiers.

Op-amp circuits: Amplifiers, summers, differentiators, integrators, active filters, Schmitt triggers and oscillators.

Section 5: Digital Circuits

Number representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders.

Sequential circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data converters: sample and hold circuits, ADCs and DACs.

Semiconductor memories: ROM, SRAM, DRAM. Computer organization: Machine instructions and addressing modes, ALU, data-path and control unit, instruction pipelining.

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, Routh-Hurwitz 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, superheterodyne receivers.

Information theory: entropy, mutual information and channel capacity theorem.

Digital communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

Section 8: Electromagnetics

Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector.

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Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth.

Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, Sparameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAY1	systems of linear equations
DAY2	Lamat, continuaty of dafferentiability
DAY 3	Swiface and volume integrals.
DAY 4	Eulen-couchy equations.
DAY 5	Two demensemal laplace equation.
DAY 6	posson and Normal Distribution
DAY 7	Node and Mesh analyses.
DAY 8	Maximum power-transfer.
DAY 9	sampling theorem and applications
DAY 10	group delay, phay delay.
DAY 11	equilibrium cousses concentration.
DAY 12	schmitt trigger and oscillators.
DAY 13	Multiplexen decoders.
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DAY 14	latches and -flip-flops.
DAY 15	data-path and control unt.
DAY 16	signal flow graph.
DAY 17	properties of whole nosse.
DAY 18	Boundary conditions.
DAY 19	phase and group velocity.
DAY 20	9 mpedance transformation.
DAY 21	lanear antenna arrays.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING LIST OF REGISTERED STUDENTS

CRIO	TING	NAME OF THE OTHER PARTY
SNO	HNO	NAME OF THE STUDENT
1	14U11A0401	AYEKPAM SURJITKUMAR SING
2	14U11A0402	BAGGARAJU GNANAPRAKASH
3	14U11A0403	BALGURI SOUJANYA
4	14U11A0404	BANAVATH NIKITHA
5	14U11A0406	KUNDURU PRASHANTH REDDY
6	14U11A0407	CHELLA SRINIVAS REDDY
7	14U11A0408	CHINTHAKAYALA MANEESHA
8	14U11A0409	CHINTHALAPELLI KRISHNAREDDY
9	14U11A0410	DULAM AKHIL
10	14U11A0411	GOULE RAMULU
11	14U11A0412	GUGULOTHU SATHISH
12	14U11A0414	JAKKULA NARESH
13	14U11A0415	JATOTHU LAKPATHI
14	14U11A0416	KADARI RAMESH
15	14U11A0417	KETHAVATH POOJA NAIK
16	14U11A0419	LAVUDYA RAVIKUMAR
17	14U11A0420	LOUREMBAM KENEDY SINGH
18	14U11A0421	MANDALA KARTHIK
19	14U11A0422	MANTRI ARUNA
20	14U11A0423	MUTUM ABUNG MEITEI
21	14U11A0424	NAINI SAI KRISHNA
22	14U11A0426	T RAJU
23	14U11A0427	UMMADISETTY VENKATA
24	14U11A0428	PEDDI OM VAMSHI KRISHNA
25	15U15A0401	AUVUCHARLA LIKHITHA
26	15U15A0402	BANDI SRIKANTH
27	15U15A0403	BANOTH RAVINDER
28	15U15A0404	BATHULA MAHESH
29	15U15A0405	CHENNOJU MADHURI
30	15U15A0406	CHILUKA CHINMAI
31	15U15A0407	CHINTHA MALATHI
32	15U15A0408	DUBBAKA KAMINI
33	15U15A0409	EAGA LAVANYA
34	14U11A0401	AYEKPAM SURJITKUMAR SING
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CNIO	TINO	WARE OF STREET
SNO	HNO	NAME OF THE STUDENT
35	15U15A0410	EALURI MANOHAR
36	15U15A0411	GADI RAJASHEKAR
37	15U15A0412	GAJJI RAJESHWARI
38	15U15A0413	JAKKANI DIVYA
39	15U15A0414	KANDHADI APARNA
40	15U15A0415	KOMMANA SWAPNA
41	15U15A0416	KOYYA MADHURI
42	15U15A0417	M MATSYAGIRI
43	15U15A0418	MACHINENI VENU
44	15U15A0419	MANCHALA PRIYANKA
45	15U15A0420	MARGAM RAHUL
46	15U15A0421	MOOGALA YAMINI
47	15U15A0422	NAMILIKONDA PADMA
48	15U15A0423	NARSINGAM PULLAIAH
49	15U15A0424	NIKITHA T
50	15U15A0425	PALADI SRINIVAS
51	15U15A0426	PALLEBOINA SHIRISHA
52	15U15A0427	PAMPAD SUKUMAR

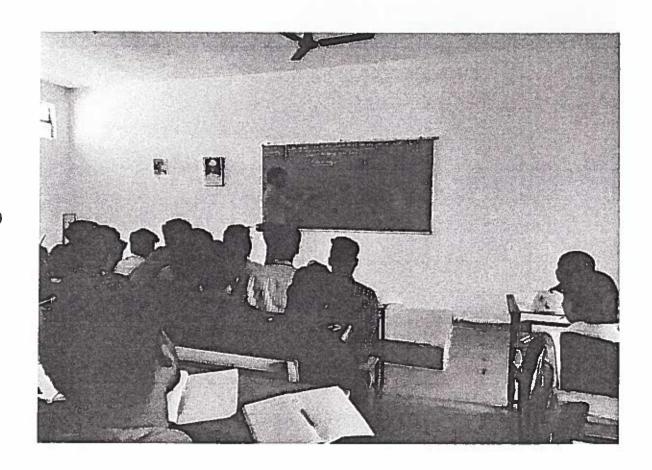
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REPORT

DATE: 10/01/2017

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 12/12/2016 to 07/01/2017

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Electronics & Communication Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert
1	Engineering Mathematics	Mr. K. Suzesh babu.
2	Analog Circuits Diode circuits:	Mr. Gursam prasanth
3	Networks, Signals and Systems	Mr. N. Rantin Reddy
4	Electronic Devices circuits	Mrs.s. Divya.
5	Digital Circuits	Mr. V. Sandeep tumor
_6	Control Systems	Mr. T. Laxmal Nasyana,
7	Communications	Mrs. Y. Jalajakshi
8	Electromagnetics	Mr. A. Harrish.
9	Reasoning and Quantitative Aptitude.	Mr. k. suresh babu

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ECE students who participated in GATE classes is enclosed.

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NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-217 (SECOND FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ECE students attended for the Academic Year: 2016-2017

SNO	HNO	12/12	13/12	14/2	4/1	4,	17,	9/13	24/ 2	1 2	1/4	1	4 / ₄	14/	4/	9/12	2/0	39/1	٧,		Γ	8	¥(5)-				
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21	14U11A0424	P	A	P	#	А	A	A	Д	P	P	p (P	P	Α	А	P	P	ρ								
22	14U11A0426	4	P	P	A	A	P	Α	A	P	P	P	P	P	P	P	P	A	P	Γ						\Box	
23	14U11A0427	A	P	P	Р	P	P	A	P	Ρ	P	P	P	P	Α	P	P	P	P						П		_
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26	15U15A0402	p	P	B	P	Α			PI			Р	A	Α.	P	P		Ρ	P								
27	15U15A0403	P	P	P	P	$\overline{}$	_		ΔΙ			P				_	P	P	P				Γ		П	П	_
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33	15U15A0409	P	P	P	P	\rightarrow	\rightarrow	-		_	A			P			-	P	A						П	\dashv	
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35	15U15A0410	P	p	P	A	P	P	A	P	P	P	Α	P	р	P.	P	P	A	P			,		
36	15U15A0411	D	P	Þ	P	P	A	P	P	P	A	P	A	P	P	P	Ρ	P	A					
37	15U15A0412	P	ρ	A	Ρ	P	P	p	A	P	P	P	P	P	2	A	A	P	A					
38	15U15A0413	P	P	ρ	P	A -	P	Ρ	P	A	P	P	P	P	A	P	A	ρ	P					
39	15U15A0414	D	ρ	Ρ	P	P	ρ	A	P	P	P	P	P	Ą	P	P	A	P	A	ì				
40	15U15A0415	ρ	A	Ρ	A	₽	A	ρ	P	P	ρ	P	P	P	P	P	P	A	P					
41	15U15A0416	ρ	P	P	P	P	P	ρ	P	P	A	P	A	9	P	P	P	A	ρ	L				
42	15U15A0417	P	ρ	А	P	P	P	P	A	ρ	P	P	P	P	P	A	P	A	P					
43	15U15A0418	P	P	Ď	ρ	·A	₽	P	P	P	P	P	P	P	A	P	ρ	A	P	8			3.42	
44	15U15A0419	A.	P	0	A	ρ	ρ	P	P	A	4	P	P	A	Р	9	P	P	A					
45	15U15A0420	P	P	P	P	ρ	P	A	P	P	ρ	P	P	P	ρ	P	A	۵	A					
46	15U15A0421	P	A	9	P	₽	A	ρ	P	P	A	p	P	ρ	ρ	4	p	12	A					
47	15U15A0422	P	р	р	P	₽	₽	P	P	P	P	ρ	A	P	P	P	P	A	P					
48	15U15A0423	ρ	P	P	p	4	P	P	P	A	Q	P	P	P	P	P	P	A	P					
49	15U15A0424	A	ρ	P	A_	P	₽	P	A	P	P	P	P	P	A	P	A	P	A					
50	15U15A0425	P	Ρ	A.	P	P	P	A	P	P	ρ	P	P	A	P	Д	A	P	A	2				
51	15U15A0426	P	A	Р	ρ	₽	A	₽	ρ	P	A	P	P	P	P	ρ	P	A	P			i i		
52	15U15A0427	P	12	P	P	A	P.	P	ρ	A	p	P	4	P	P	P	P	A	P					

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CIRCULAR

Date: 05/12/2016

All the students of B. Tech III year are informed that the Department of Computer Science & Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 12/12/2016 to 07/01/2017 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-CSE on or before 09/12/2016. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-CSE

PRINCIPAL

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. All HODs

4. Notice Board

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, 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 and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions.

Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

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, pipeline hazards.

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 traversals, 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.

Samskruti College of Engg. & Technology Kondapur (V), Ghalkesar (M), Medchal Dist. Local optimisation,

Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Section 8: Operating System -

System calls, processes, threads, inter-process communication, concurrency and synchronization.

Deadlock. CPU and I/O 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 -

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit-switching;

Data link layer: framing, error detection, Medium Access Control. Ethernet bridging: Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation. Basics of IP support protocols (ARP.

DHCP, ICMP), Network Address Translation (NAT);

Transport layer: flow control and congestion control, UDP, TCP, sockets;

Application layer protocols: DNS, SMTP, HTTP, FTP. Email.

HOD

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DAY WISE SESSION PLAN

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TOPIC COVERED
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calculus, Limits & continuity, Maxima
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Probability and statistics. Kandom
Valiables.
Boolean Agebra, combinational & servue
-nto1 Circuits, Minimization, computer
Machine instructions & Addressing modes
Machine instructions & Addressing modes ALU. doto-porth and control unit
Memory Hiearchy, cache imain
memory and secondary storage
Kecusion, Array, stocks, nueves, linked
11945, trees, biroury gearch trees, grophs
Searching 1 sorting, hashing, space
complexity, Groph traversals, 1954
Kegulor expressions & finite Automola
Regulor & content tree longuages, Pumping lemma.
Tuning Machines & underiobility.
Lexical Anolysis, Porsing, Syntox-
directed tronslotion, undecido bility
/
Local optimisation, Data How
Arelysis

Samskruti College of Engg. & Technology
(Condanus (A)) Ghatkesar (M), Medchal Dist.

DAY 14	constant Propagation, liveness Analysis
	Common Subexpression Elimination
DAY 15	System cons, Processes, threads, inter-process communication.
	To Process Communication.
DAY 16	Deadlock . CPU and I to Scheduling Memory monogment & vivtual Memory
DAY 17	ER-Model, Kelation Model: Relotions)
	Alan (Relations)
	Algebra, tuple calculus. SQ1
DAY 18	integrity constraints, Mormal forms,
	file organization, indexing
DAY 19	Concept of layering, Tep/1P Protocol Stocks, Bosic of Packet.
DAY 20	Dota (PNK layer, thror detection, Merlium Acess control, bridging
DAY 21	Flow control, Congestion control, UDP,
	TCP, Sockets, DNS, Email

COORDINATOR

HOD

PRINCIPAL

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LIST OF REGISTERED STUDENTS

ONIO	TING	
SNO	HNO	NAME OF THE STUDENT
1	13U11A0511	NIKHIL
2	14U11A0501	ADEPU KARTHIK
3	14U11A0502	AKULA NAG MANISH
4	14U11A0503	AKULA NAGA VEERA MANIKANTA
5	14U11A0505	GADDAMIDI MANASA
6	14U11A0506	GAMPA SUKESH
7	14U11A0507	GANTALA SRIKANTH
8	14U11A0509	LAKSHMI NAVEEN
9	14U11A0510	MAMIDALA RAJANIKANTH
10	14U11A0511	MANDALA KALYANI
11	14U11A0512	MANOJ KOKKULA
12	14U11A0513	MOHAMMAD FARUKHKHAN
13	14U11A0514	NAGUNURI SRILEKHA
14	14U11A0515	ONIAM DAYANANDA SINGH
15	14U11A0517	PARSANABOINA DEEPA
16	14U11A0518	PONNALA YESHWANTH
17	14U11A0520	ROLI SNEHA
18	14U11A0521	ROYYALA AKHIL KUMAR
19	14U11A0522	SAMA RAMAKRISHNA REDDY
20	14U11A0523	GANDHARLA KUMARA SWAMY
21	14U11A0525	SHIKHA MANASA
22	14U11A0526	VANGA PRATHYUSHA
23	14U11A0527	VEMULA PRANAY
24	14U11A0531	PINGALI SAI PAWAN
25	15U15A0501	BONDUGULAPATI VENKATA SAI KRISHNA
26	15U15A0502	CHAMAKURI THARUN
27	15U15A0503	K B S V SAIRAM
28	15U15A0504	KOLA SHIRISHA
29	15U15A0505	MALAGARI PRAMEELA
30	15U15A0506	MATHEPALLY SHARATH KUMAR
31	15U15A0507	MOHAMMAD REZAUL
32	15U15A0508	MD MIRA HUSSAIN
33	15U15A0509	PAMARTHI TRIVENI
34	15U15A0510	RACHAKATLA ARUN KUMAR
35	15U15A0511	THOLICHUKKA SWARNA SREE

COORDINATOR

HOD

PRINCIPAL

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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-109 (FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year CSE students attended for the Academic Year: 2016-2017

SNO	HNO	17/12	18/2	14%	17/3	17/	1						יליבן.				37				₩.	7/		П				
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5	14U11A0505	P	P	P	P	P	6	P	P	P	-	6	6	-	0	_	2	_		6	_	P						-
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Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.

35 ISUISA0511 PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP

COORDINATOR
(D. Divya)

HOD

Principal
Semskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal C.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REPORT

DATE: 10/01/2017

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 12/12/2016 to 07/01/2017

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Computer Science & Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert						
1	Engineering Mathematics	Shashi Chandar Rao						
		Uppuganti						
2	Digital Logic	S Sandeep Kumar						
3	Computer Organization and Architecture	Radha Devi.G						
4	Programming and Data Structures	Ravali Paripelli						
5	Algorithms	Radhika Thirunahari						
6	Theory of Computation	Chakrapani Charupalli						
7	Compiler Design -	Chakrapani Charupalli						
8	Operating System	Roopadevi Bosukonda						
9	Databases	Praveenkumar Miryala						
10	Computer Networks	Aluguvelli Kiran Kumar Reddy						

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III CSE students who participated in GATE classes is enclosed.

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



COORDINATOR P Divy

HOD

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist



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DEPARTMENT OF CIVIL ENGINEERING CIRCULAR

Date: 06/12/2017

All the students of B.Tech III Year are informed that the Department of Civil Engineering is conducting "GATE COACHING CLASSES" scheduled from 11/12/2017 to 10/01/2018 (04:30PM to 06:30PM). All the students are requested to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names at the office of HOD-CE on or before 08/12/2017. Schedule for GATE coaching classes will be issued soon.

Note: - Bus route no 05 will ply at 06:30PM from our college premises up to uppal X Road.

Copy to:

1. Hon'ble-Chairman/Secretary - For information

2. Principal's Office

IQAC	CE	EEE	ME	ECE	CSE	H & S	MBA	AO
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Samskruti College of Engg. & Technological Samskruti (V), Ghalkesar (M), Medchal



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DEPARTMENT OF CIVIL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra: Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

Calculus: Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima; Taylor series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities; Directional derivatives; Line, Surface and Volume integrals.

Ordinary Differential Equation (ODE): First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; initial and boundary value problems.

Partial Differential Equation (PDE): Fourier series; separation of variables; solutions of onedimensional diffusion equation; first and second order one-dimensional wave equation and twodimensional Laplace equation.

Probability and Statistics: Sampling theorems; Conditional probability; Descriptive statistics – Mean, median, mode and standard deviation; Random Variables.

Section 2: Structural Engineering

Engineering Mechanics: System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.

Solid Mechanics: Bending moment and shear force in statically determinate beams; Simple stressand strain relationships; simple bending theory, flexural and shear stresses, shear centre; Uniformtorsion, Transformation of stress; buckling of column, combined and direct bending stresses.

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Section 3: Geotechnical Engineering

Soil Mechanics: Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Seepage through soils - two - dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One-dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.

Foundation Engineering: Sub-surface investigations - Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - Finite and infinite slopes, Bishop's method; Stress distribution in soils - Boussinesq's theory; Pressure bulbs, Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations - dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency, negative skin friction.

Section 4: Water Resources Engineering

Fluid Mechanics: Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Conceptof boundary layer and its growth; Concept of lift and drag.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.

Hydrology: Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run- off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's Law.

Irrigation: Types of irrigation systems and methods; Crop water requirements - Duty, delta, evapotranspiration; Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable foundation; cross drainage structures.

Section 5: Transportation Engineering

Transportation Infrastructure: Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments.

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Geometric design of railway Track - Speed and Cant.

Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

Highway Pavements: Highway materials - desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid pavement using IRC codes

Traffic Engineering: Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway capacity

Section 6: Environmental Engineering

Water and Waste Water Quality and Treatment: Basics of water quality standards – Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment.

Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.

Air Pollution: Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

Section 7: Geomatics Engineering

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.

Photogrammetry and Remote Sensing - Scale, flying height; Basics of remote sensing and GIS.

HOD!

Samskrith NGLB & Engg. & Technology Londand (V). Ghatkesar(M), Medchal (D)

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF CIVIL ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAY1	Structural Engineering - Soil Mechanics
DAY2	Engineerig Mechanics.
DAY 3	Engineering mathematics - linear Algebra & calculus
DAY 4	ordinary differential Equation (ODE)
DAY 5	Partial Differential Equation (PDE)
DAY 6	Probability and statistics.
DAY 7	Geotechninal Engineering - Soil Mechanics
DAY 8	Foundation Engineering.
DAY 9	Make Ruburce Engineering:- Fluid mechanics
DAY 10	Hydraulics
DAY 11	Hydnology
DAY 12	Irngation
DAY 13	Transportation Engineering -
_ 0 _ 0	Transportation Infrastructure

Principal

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DAY 14	Geometric during of railway track,
DAY 15	-laxilizary and exist taxilizing design.
DAY 16	Help coay motorals
DAY 17	signal design by webster's method.
DAY 18	Environmental Engineering - Water & waste wake quality & breatment.
DAY 19	Sew erage system design
DAY 20	Air pollution
DAY 21	Municipal solid Waste
DAY 22	Germatice Engineering - principles
	of surreying
DAY 23	Errors and their adjustment
DAY 24	Photogrammetry & Remote sensing.

TRAINING COORDINATOR

HOD

PRINCIPAL

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF CIVIL ENGINEERING LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	15U11A0101	AKKANAPALLY HAREESH
2	15U11A0102	ANNAMOLU SAIKUMAR
3	15U11A0105	BHUKYA NARENDAR
4	15U11A0106	BODIGE VENKATESH
5	15U11A0108	DAMSANI VENKATESH
6	15U11A0109	DANAVATH SHIVA
7	15U11A0110	ESAM VENKATESH
8	15U11A0111	GADDE GOUTHAM KUMAR
9	15U11A0112	GADDE VENU
10		GALLA BHAVANI
11	15U11A0114	GOTTIMUKKALA SHOBHARANI
12	15U11A0115	GUDURU NANDU
13	15U11A0116	GUGOLOTHU PRASANNA
14	15U11A0117	KALA MOHAN RAO
15	15U11A0119	KATUKU SHANTHI KUMAR
16	15U11A0120	KONDU ANIL KUMAR
17	15U11A0121	KOVA BHUMA
18	15U11A0123	MOGILI SRUJAN KUMAR GOUD
19	15U11A0124	MOHAMMED DASTAGEER
20	15U11A0125	NALLA MANOJ
21	15U11A0127	NARI VINAY KUMAR
22	15U11A0128	NAYINI MANOHAR REDDY
23	15U11A0129	NEELAKANTAM RAVI
24	15U11A0130	ORUGANTI SHEKHAR
25	15U11A0131	PITLA PRAVEEN
26	15U11A0132	PONNALA PRADEEP
27	15U11A0133	POWDALA KANAKAVVA
28	15U11A0135	R VIDYA SAGAR RAO
29	15U11A0136	RACHA NAVEEN
30	15U11A0137	SRIKALA ARAVIND
31_	15U11A0138	SAPAVATH KIRAN KUMAR
32	15U11A0139	THUMMALA YESHWANTH
33	15U11A0140	VISHWAS KUMAR
34	15U11A0141	YELA RAKESH

Principal

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

		
SNO	HNO	NAME OF THE STUDENT
35	15U11A0147	SHIVANAND PANDEY
36	15U11A0149	UPPUTURI SRIVISHNU
37	15U11A0151	SANJADAROGNAI DEBBARMA
38	15U11A0152	MOHAMMED JAMSHEED
39	15U11A0153	GUNDEBOINA MAHESWARI
40	15U11A0154	SALIM REZA MONDAL
41	16U15A0101	ATHMAKURI BINDU
42	16U15A0102	B SOUMYA
43	16U15A0103	BATHULA ARAVIND
44	16U15A0104	DAARA MADHUSUDHAN
45	16U15A0105	DHEERAVATH RANADHEER
46	16U15A0106	E PRAVEENKUMAR
47	16U15A0107	EADAY SUNIL KUMAR
48	16U15A0108	KATABATTINI RAMU
49	16U15A0109	KATAKAM VINAY KUMAR
50	16U15A0110	KONDAPAKA ARCHANA
51	16U15A0111	KUNCHAM LAVANYA
52	16U15A0112	LAKUM RAVALI
53	16U15A0113	MADIPALLI SANDEEP
54	16U15A0114	MANGALPALLI SAMPATH KUMAR
55	16U15A0115	N SURYANARAYANA
56	16U15A0116	P RAGHUNATH REDDY
57	16U15A0117	PALVATLA VENKATESHAM
58	16U15A0118	PITTALA SRAVAN KUMAR

TRAINING COORDINATOR

HOD

Samskruth College Bringg. & Technology Kondapur(V), Ghatkesar(M), Medchal (D)

Pencipal

Samskruti College of Engg. & Technology Kondapur (V), Ghalkesar (M), Medchal Dist.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

REPORT

DATE: 17/01/2018

NAME OF THE PROGRAMME: GATE COACHING

DATE: 11/12/2017 to 10/01/2018

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Civil Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

The following subjects taught by the following faculty:

S.No	Name of the subject	Subject expert
1	Geo Technical Engineering	Mr.Y.Shiva Kumar Reddy
2	Strength Of Materials	Ms.G.Swarna
3	Environmental Engineering	Mr.J.Mohan
4	Water Resources Engineering	Mr.J.Rana Prathap
5	FM&HM	Mr.P.Anjaih
6	Surveying	Mr.P. Avinash
7	Transportation Engineering	Mr.K.Prathap Reddy
8	Design Of RCC and Steel Structures	Mr.P.Bikku
9	Engineering Mathematics	Mr.Shashichandar Rao
10	Hydrology	Ms.K.Divya

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list of III B.Tech Civil students whose participate in GATE class is also enclosed.

CO-ORDINATOR

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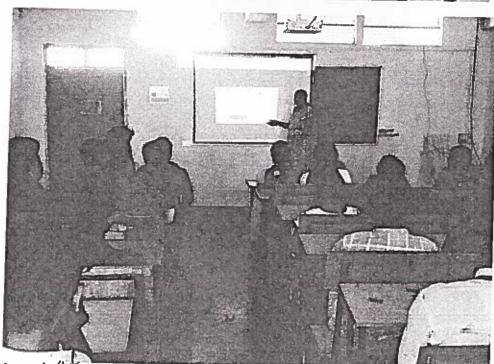
Samskruti College of Engg. & Technology Kondapur (V), Ghalkesor (M), Medchal Dist. Hoof.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-316 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year Civil students attended for the Academic Year: 2017-2018

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING <u>CIRCULAR</u>

Date: 06/12/2017

All the students of B. Tech III year are informed that the Department of Electrical and Electronics Engineering is conducting "GATE COACHING CLASSES" scheduled from 11/12/2017 to 10/01/2018 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-EEE on or before 08/12/2017. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-EEE

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. Notice Board

Samskruti College of Engg. & Technolo-Kondapur (V), Ghatkesar (M), Medchar L...



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability, probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability.

Section 2: Electric circuits

Network elements: ideal voltage and current sources, dependent sources, R, L, C, M elements; Network solution methods: KCL, KVL, Node and Mesh analysis; Network Theorems: Thevenin's, Norton's, Superposition and Maximum Power Transfer theorem; Transient response of dc and ac networks, sinusoidal steady-state analysis, resonance, two port networks, balanced three phase circuits, star-delta transformation, complex power and power factor in ac circuits.

Section 3: Electromagnetic Fields

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

Section 4: Signals and Systems

Representation of continuous and discrete time signals, shifting and scaling properties, linear time invariant and causal systems, Fourier series representation of continuous and discrete time periodic signals, sampling theorem, Applications of Fourier Transformfor continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform

Section 5: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three-phase transformers: connections, vector groups, parallel

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operation; Auto-transformer, Electromechanical energy conversion principles; DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, speed control of dc motors; Three-phase induction machines: principle of operation, types, performance, torque-speed characteristics, no-load and blocked-rotor tests, equivalent circuit, starting and speed control; Operating principle of single-phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance and characteristics, regulation and parallel operation of generators, starting of synchronous motors; Types of losses and efficiency calculations of electric machines

Section 6: Power Systems

Basic concepts of electrical power generation, ac and dc transmission concepts, Modelsand performance of transmission lines and cables, Economic Load Dispatch (with and without considering transmission losses), Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss- Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of overcurrent, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

Section 7: Control Systems

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

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

Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: biasing, equivalent circuit and frequency response; oscillators and feedback amplifiers; operational amplifiers: characteristics and applications; single stage active filters, Active Filters: Sallen Key, Butterwoth, VCOs and timers, combinatorial and sequential logic circuits, multiplexers, demultiplexers, Schmitt triggers, sample and hold circuits, A/D and D/A converters.

Section 10: Power Electronics

Static V-I characteristics and firing/gating circuits for Thyristor, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost Converters; Single and three-phase configuration of uncontrolled rectifiers; Voltage and Current commutated Thyristor based converters; Bidirectional ac to dc voltage source converters; Magnitude andPhase of line current harmonics for uncontrolled andthyristor based converters; Powerfactor and Distortion Factor of ac to dc converters; Singlephaseand three-phasevoltage and current source inverters, sinusoidal pulse width modulation.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING LIST OF REGISTERED STUDENTS

		ISTERED STUDENTS
1	15U11A0202	BATTULA NARENDRA
2	15U11A0203	BHUKYA PAVAN KALYAN
3	15U11A0204	BHUKYA RANJITH KUMAR
4	15U11A0205	BOBA KALYAN
5	15U11A0207	GANGAVATH SHIRISHA
6	15U11A0208	DOODI MALLESH
7	15U11A0209	GOUDI SHIRISHA
8	15U11A0213	KANUKUTLA RAJU
9	15U11A0214	KATTEBOINA RAMESH
10	15U11A0215	MUCHAPATHI CHITTY BABU
11	15U11A0216	PASUPULETI NAGENDRA BABU
12	15U11A0217	SENDE PRAKASH
13	15U11A0218	TAMMALLA SWARNA
14	15U11A0219	VOJJEPALLI RANJITH KUMAR
15	15U11A0220	YARAMALA UPENDAR
16	15U15A0201	A PRASHANTH
17	16U15A0201	ANKAM RAVALI
18	16U15A0202	BANDARI NARESH
19	16U15A0203	DAMERA SANDEEP
20	16U15A0204	
21	16U15A0205	GUJJULA MAHENDAR REDDY K SRILAKSHMI
22	16U15A0206	
23	16U15A0207	KATRAVULA GURVA RAJU M GOVIND NAIK
24	16U15A0208	
25	16U15A0209	NUKALAGUDAM SRAVANI R KIRAN
26	16U15A0210	
27	16U15A0211	SIRNAPALLY HARITHA
28	16U15A0212	BETHI MANOJ REDDY BHUKYA NAVEEN
29	16U15A0213	CHANDA JYOSTHNA
30	16U15A0214	
31	16U15A0215	DUGGIRAJU UDAYKUMAR
32	16U15A0216	G SURESH
33	16U15A0217	GADIKOPPULA AJAY KUMAR
34	16U15A0217	GOLI HARISH KUMAR
35	16U15A0219	GONGALLA NAGARAJU
36	16U15A0220	GOPE PRASHANTH
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37	16U15A0221	JUPALLY SHIVAKUMAR
38	16U15A0222	KALLAPPA JAMADAR
39	16U15A0224	M VINOD KUMAR REDDY
40	16U15A0225	MAHESHWARAM SHARATH KUMAR
41	16U15A0226	MAILARAM BHARATH KUMAR
42	16U15A0227	MOHAMMAD SAMEER
43	16U15A0228	NAGINAVENA SRAVANKUMAR
44	16U15A0229	NAREDLA SHIVA PRASAD
45	16U15A0230	NEELA KARUNAKAR
46	16U15A0232	SANKRE SRAVAN KUMAR
47	16U15A0233	UYYALA SAIVINAY
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Engineering Mathematics
DAY2	Linear Algebra
DAY 3	Caluculus, Differential Equations
DAY 4	Vector Draly sos
DAY 5	Electrical Circuits & Theorems
DAY 6	R. L.C. Paremeters
DAY 7	Transient & Steady State Responses
DAY 8	Electro Magnetic Field's
DAY 9	gauss's Law Boot-Savait's Law
DAY 10	Signal's Rsystem's C.T R D'system's
DAY II	Electrical Machines
DAY 12	power Systems

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DAY 13	Control Systems
DAY 14	P, PI, PD Controlley
DAY 15	Electrical means rements
DAY 16	Electronical means rements
DAY 17	Analog Electronics
DAY 18	Digital Electronics
DAY 19	Power Electronics
DAY 20	MOSFET, IGBT, DCto DCcomie Thyristor's Rectifie's & Inverters
DAY 21	1-\$, 3-\$ Voltage Curent source

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NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-321 (3rd FLOOR) TIMINGS: 04:30PM TO 06:30PM

The list of III Year EEE students attended for the Academic Year: 2016-2017

dec-Jan

S.NO	H.NO.	ାସ	13	14	15	16	17	18	A	æ	21	22	23	Į.	B	29	30	থ	2	3	4	5	6	7	8		7		I		
1	14U11A0201	P	9	P	P	P	A	P	P	P.	P.	P	P	P	P	P	P	A	P	P	P.	P	P	þ	Þ	T	T		\prod	П	T
2	14U11A0202	P	7	P	A	P	P	p	P	P	A	P	P	P	A	P	P	P	A	A	P	P	P	P	P	T	T	П	Π	П	T
3	14U11A0203	P	A	Þ	P	P	P	Р	P	Þ	P	P	P	P	A	P	þ	P	h	P	P	A	P	P	P	T	T	П	Π	П	-
4	14U11A0204	P	P	P	P	P	P	P	P	P	7	p	P	P	P	P	P	P	P	P	P	P	P	P	A		Ť	П	П	П	T
5	14U11A0205	P	P	A	P	P	P	þ	P	D	P	P	P	P	P	A	P	D.	P	P	P	P	P	A	P	T	T	П	П	Π	
6	14U11A0206	P	P	P	P	P	A	P	P	b	A	P	9	P	P	P	P	P	P	P	P	P	A	P	P	T	T	П		П	T
7	14U11A0207	A	P	P	A	P	P	P	P	þ	P	P	P	P	P	P	Þ	P	P	P	P	P	P	P	P	1	T	П		T	T
8	14U11A0208	P	A	P	P	P	P	P	A	P	P	p	P	P	P	P	P	7	7	P	P	A	P	p	P	T	T	П			T
9	14U11A0209	7	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	Þ	P	A	T	T.	П			T
10	14U11A0210	A	P	p	P	P	P	P	P	P	ρ	P	P	P	P	P	p	A	P	P	P	P	P	P	P		T	П	-		
11	14U11A0211	P	P	P	A	Ð	P	P	P	p	P	p	9	P	p	P	P	P	P	P	P	P	P	D	7	7	T	П	\prod	T	T
12	14U11A0212	P	A	P	P	P	A	P	P	A	Ρ	A	P	P	p	P	P	P	P	P	P	A	P	P	P	,	T	П	\parallel	Ť	T
13	14U11A0213	P	P	P	P	P	P	P	P	P	P	P	¥	P	P	2	À	P	P	P	A	P	P	Þ	P	T	T	П	\parallel	1	T
14	14U11A0214	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	Þ	P	1	P	P	P	P	P	P	T	T	П	1	1	T
15	15U15A0201	P	A	P	P	P	P	P	P	A	A	A	P	7	P	P	þ	P	þ	A	P	P	P	D	P	T	Γ	П	#	1	Т
16	15U15A0202	P	2	P	P	P	P	P	P	P	p	P	A	P	P	P	p	A	P	P	P	A	þ	p	P	7	Γ	П	#	Ť	T
17	15U15A0203	P	P	P	A	A	P	P	P	P	P	P	A	P	n	P	P	9	P	P	A	P	p	P	P	7	Γ	П	#	Ť	T
18	15U15A0204	P	A	P	P	P	P	A	P	P	P	p	P	P	P	P	P	P	Þ	Ŋ	P	P	P	P	P	1		П	#	1	T
19	15U15A0205	P	P	P	A	P	P	P	P	A	P	P	7	P	P	P	P	A	P	P	P	A	P	P	P	1	Γ	П	#	T	
20	15U15A0206	P	P	£.	9	P	P	P	P	A	P	A	A	P	Α	S	P	P	Ą	P	P	P	P	D	P	T		IT	1	T	T
21	15U15A0207	P	P	p	A	P	P	P	P	P	P	P	P	D	7	P	P	P	P	P	P	P	P	5	P	1		П	1	1	
22	15U15A0208	p	A	P	P	P	A	A	P	P	P	P	P	Á	P	P	p	P	P	P	P	A	A	A	7	T		\parallel	#	T	1
23	15U15A0209	P	P	P	P	P	A	P	A	P	P	P	P	D	P	P	þ	P	A	P	P	7	P	P	ρ			\parallel	#	1	Τ
24	15U15A0210	Р	A	P	Ā	-	-	P		P	P	A	P	P	A	P	9	P	P	P	P	À	P	P	Þ			It	#	+	T
25	15U15A0211	A	P			47	P	A	P	P						P		P	P	P	n	P		A	P	Ħ		I		\dagger	T
26	15U15A0212	P	P	P	P	P	P		P	P	P	P				_	P	À		P	-	P	P	P	þ	T		\dagger	1	†	1
27	15U15A0213	þ	P	A	P	P	P	-		P		P		A		P		7	-	_		P		F	P	T		۲	†	+	\top

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

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35	16U15A0219	A	P	P	À	P	P	A	7	P	P	A	P	P	9	2	P	P	P	A	2	P	P	P	Y			Ļ	Ш	-	44
36	16U15A0220	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	17	P	A	P	P	P	P	A	P	L	Ц_	Ļ	Ц	-	44
37	16U15A0221	Р	P	Р	P	P	A	P	7	þ	P	P	P	A	2	A	P	P	P	A	P	P	P	P	P	L	Щ	Ļ	Ц	\perp	Ш
38	16U15A0222	P	A	À	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	<u> </u>	P		Щ	L		-	┦
39	16U15A0224	P	*	P	P	P	P	7	P	À	7	P	2	P	2	P	P	P	2	P	h	?	P	P	IP	L	Щ	1	Ц	-	Ш
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41	16U15A0226	P	P	P	A	P	P	P	P	P	P	P	P	P	9	P	P	P	P	P	P	A	<u>P</u>	P	r	L		1	Ц		
42	16U15A0227	P	P	P	P	P	A	P	P	A	P	P	P	P	9	P	7	P	þ	P	7	9	P	Þ	P	Ļ		-		ē	
43	16U15A0228	P	A	P	P	P	P	P	P	P	9	P	A	P	A	P	P	A	P	12	2	2	2	P	P	L	Ц	L		Ц	╄
44	16U15A0229	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	?	P	P	>	P	9	A	L	Ц	1	\perp	Ц	1
45	16U15A0230	P	P	P	A	P	P	P	P	P	A	A	2	P	P	P	P	P	P	7	2	2	P	P	A	ļ	<u> </u>	퇶		Ц	╀
46	16U15A0232	P	D	P	P	P	A	p	P	A	P	1	P	A	P	P	9	A	P	P	Ÿ	A	P	P	P	1	Ц	1	1		丄
47	16U15A0233	P	A	P	P	P	P	P	P	A	P	P	P	A	P	A	P	P	P	P	P	P	A	P	<u>l</u> P		Ц	1			1
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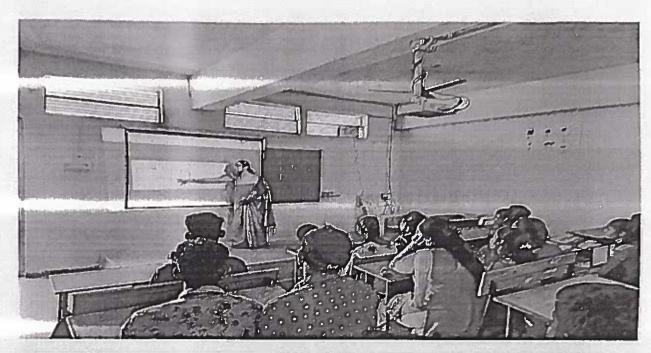
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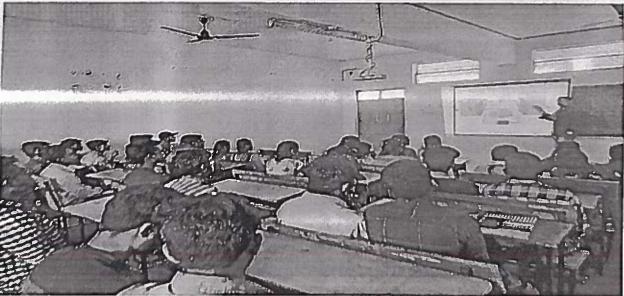
Principal
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Kondapur (V), Ghatkesar (M), Medchal Dist.



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REPORT

DATE: 17/01/2018

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 11/12/2017 to 10/01/2018

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Electrical and Electronics Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for

III B-TECH students.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III EEE students who participated in GATE classes is enclosed.

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HOD

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DEPARTMENT OF MECHANICAL ENGINEERING CIRCULAR

Date: 06/12/2017

All the students of B. Tech III year are informed that the Department of Mechanical Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 11/12/2017 to 10/01/2018 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-ME on or before 08/12/2017. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ME

PRINCIPAL

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. All HODs

4. Notice Board

IQAC	CE	EEE	ME	ECE	CSE	MBA	H&S	AO
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DEPARTMENT OF MECHANICAL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra -Linear equations, Matrix algebra, eigenvalues and eigenvectors.

Differential equations - Linear and nonlinear, Euler-Cauchy equation; higher-order linear differential equations with constant coefficients, initial and boundary value problems; solutions of heat, wave and Laplace's equations; Laplace transforms.

Calculus - Evaluation of definite and improper integrals; Functions of single variable, limit, continuity and differentiability, mean value theorem, indeterminate forms; double and triple integrals; total derivative, partial derivatives, maxima and minima, Taylor series (in one and two variables), Fourier series; divergence and curl, gradient, vector identities, line, directional derivatives, surface and volume integrals, and Green's theorems and applications of Gauss, Stoke.

Probability and Statistics - Probability, conditional probability; sampling theorems; median, mean, mode and standard deviation; binomial, random variables, normal and Poisson distributions.

Numerical Methods - Integration by trapezoidal and Simpson's rules; - Numerical solutions of linear and non-linear algebraic equations; single & multi-step for differential equations.

Complex variables - Cauchy-Riemann equations; Analytic functions, Taylor and Laurent series. Cauchy's integral theorem & integral formula

Section 2: Applied Mechanics and Design

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

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medicing Engineering Mechanics - Trusses and frames; Free body diagrams and equilibrium, virtual work; impulse and momentum (linear and angular), kinematics and dynamics of particles & of rigid bodies in plane motion and energy formulations, collisions.

6705E

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.

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

Vibrations - Effect of damping, Free and forced vibration of single degree of freedom systems, resonance, vibration isolation, critical speeds of shafts.

Section 3: Fluid Mechanics and Thermal Sciences

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

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

Applications - Power Engineering, I.C. Engines, Refrigeration and air-conditioning and Turbomachinery

Thermodynamics - Properties of pure substances, thermodynamic systems and processes, the behaviour of ideal and real gases, calculation of work and heat in various processes, zeroth and first laws of thermodynamics, the second law of thermodynamics, thermodynamic relations and thermodynamic property charts and tables, availability and irreversibility

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Section 4: Materials, Manufacturing and Industrial Engineering

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

Engineering Materials - Phase diagrams, structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials.

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

Computer Integrated Manufacturing - Concepts of CAD/CAM and their integration tools.

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

Production Planning and Control - Aggregate production planning, forecasting models, materials requirement planning and scheduling.

Operations Research - Simplex method, linear programming, transportation, network flow models, assignment, simple queuing models and PERT & CPM.

Inventory Control - Safety stock inventory control systems, Deterministic models.

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DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Linear touchion, matrix toucher
DAY2	Linear & nonlinear, Eulen-Cauchy Lyme, higher - order linear Difffel
DAY 3	Calculus - Evaluation of definite and improper - integerals, function
DAY 4	Probability & Statistics.
DAY 5	Probability , conditional probability. Numerical methods: - Zritegration by trapedoidal of Simpson's Rules
DAY 6	complex variables: - cauchy-Rieman Equations, Analytic functions,
DAY 7	Mechanics of Material Elastic const, Stren & Strain
DAY 8	Thermal stren, textine of motions.
DAY 9	Engineering mechanics. Trusses and frames, Free brody diagrams.
DAY 10	Finematics and Dynamics
DAY 11	Design for static & dynamic loading, failure theoris.
DAY 12	dynamic loading, failure theoris. vibrations. Effects of demping free and forced vibration.

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DAY 13	
	conduction, modes of H. T.
DAY 14	reister's charts, dimensionless parameters in free exforced
	paramatery in the extorned
DAY 15	fluid mechanics fluid
	Statics,
71	1 1 0
DAY 16	Application - Power Engineerty
	2.c engines.
DAY 17	normalynamics - propertie
	Morrodynamics - properties of pure substances.
	The second secon
DAY 18	laces of Thermodynamics.
DAV 10	Costing, forming & Jointy process Engineering material
DAT 19	Drocers eningine material
	Ti di sadi
DAY 20	Machining & machine roals.
DAY 21	Production planning & control
DAY 22	anertoy control
DAY 23	Engineering Materials - phase
DAY 24	Ha france
	Heat treatment, stren-strain
	DAY 16 DAY 16 DAY 17 DAY 18 DAY 19 DAY 20 DAY 21 DAY 22 DAY 23

COORDINATOR

Principal
Semskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal L.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	15U11A0301	ALAKUNTA NAGARAJU
2	15U11A0302	BANOTH SHARATH
3	15U11A0303	BEENAVENI SUDHAKAR
4	15U11A0304	BETHI PRASHANTH
5	15U11A0305	BHUKYA SANTHOSH
6	15U11A0306	BODA RAJ GOPAL
7	15U11A0307	BUCHELLI ILESH
8	15U11A0308	CHAVA AVINASH
9	15U11A0309	CHIKURTHI PARAMESHWAR
10	15U11A0310	CHINTHAKINDI PRAVEEN
11	15U11A0311	CHITREDDY ARUN KUMAR
12	15U11A0312	DASARI KARTHIK
13	15U11A0313	DASUGARI BALASHIVUDU
14	15U11A0314	ESHLAVATH MANIPAL
15	15U11A0315	GOLANUKONDA SAMPATH
16	15U11A0316	GOPU RAJASHEKAR
17	15U11A0317	JAYAGAR MENUMITTU
18	15U11A0318	K ARAVIND BABU
19	15U11A0319	KAMBLE AMOL
20	15U11A0320	KANUKUNTLA DINESH
21	15U11A0321	KAVALI RAVI
22	15U11A0322	KENDRE ROHITH
23	15U11A0323	KOLLURI SRIKANTH
24	15U11A0324	KONDURU HARISH
25	15U11A0325	KOTTA KARTHEEK
26	15U11A0326	KUKUNTLA MUKESH KUMAR
27	15U11A0327	MANNE KARNAKAR RAO
28	15U11A0328	MARUPAKA GANESH
29	15U11A0329	MOHAMMED AFROZ
30	15U11A0330	MUDAVATH SRINIVASULU
31	15U11A0331	NADELLA SHARATH CHANDRA
32	15U11A0332	NAKKA VENKATARAMANA
33	15U11A0333	NAREDLA VENKAT REDDY
34	15U11A0334	P VIVEK REDDY
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CO-ORDINATOR

ARI

PRINCIPAL

#rincipal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Engle



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT

DATE: 17/01/2018

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 11/12/2017 to 10/01/2018

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for B.Tech III year ME students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Mechanical Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

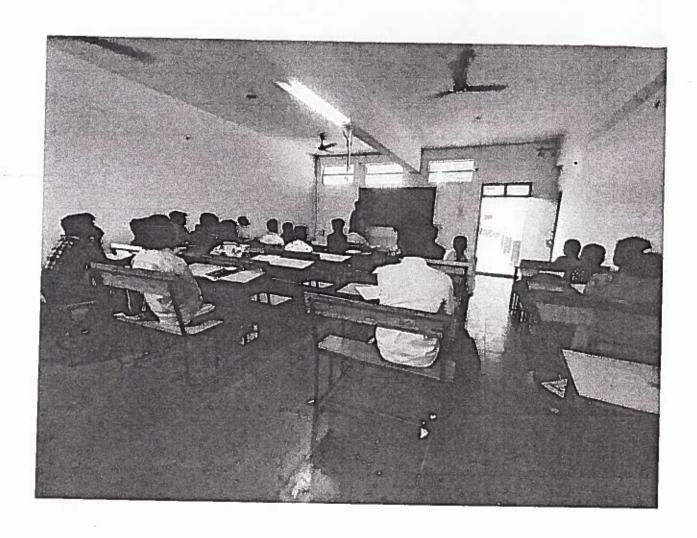
S.No	Name of the Subject	Subject Expert
1	Engineering Mechanics	Mr. Veerendra Prasad
2	Mechanics of Materials	Mr. B.Gopi Chand
3	Theory of Machines	Mr.K. Vijay Kumar
4	Machine Design	Mr. D.Naveen
5	Heat-Transfer	Mr. B.Ramesh
6	Fluid Mechanics	Mrs.M.Swarna
7	Thermodynamics	Mr.B.Venkatesh
8	Engineering Materials	Mr.M.Hari Prasad
9	Manufacturing and Industrial Engineering	Mr.Gurunath
10	Computer Integrated Manufacturing	Mr.K.Rakesh
11	Production Planning and Control	Mr.A.V.Praveen
12	Operations Research	Mr. I.S.N.V.R.Prasanth

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ME students who participated in GATE classes is enclosed.

COORDINATOR

HOD

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dis



COORDINATOR

HOD

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Drs.



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)

ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-306 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ME students attended for the Academic Year: 2017-2018

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING <u>CIRCULAR</u>

Date: 06/12/2017

All the students of B. Tech III year are informed that the Department of Electronics & Communication Engineering is conducting "GATE COACHING CLASSES" scheduled from 11/12/2017 to 10/01/2018 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-ECE on or before 08/12/2017. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ECE

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability. probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability.

Section 2: Networks, Signals and Systems

Circuit analysis: Node and mesh analysis, superposition, Thevenin's theorem, Norton's theorem, reciprocity. Sinusoidal steady state analysis: phasors, complex power, maximum power transfer.

Time and frequency domain analysis of linear circuits: RL, RC and RLC circuits, solution of network equations using Laplace transform. Linear 2-port network parameters, wye-delta transformation.

Continuous-time signals: Fourier series and Fourier transform, sampling theorem and applications.

Discrete-time signals: DTFT, DFT, z-transform, discrete-time processing of continuous-time signals. LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeroes, frequency response, group delay, phase delay.

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Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic semiconductors, equilibrium carrier concentration, direct and indirect band-gap semiconductors.

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.

Section 4: Analog Circuits Diode circuits:

clipping, clamping and rectifiers. BJT and MOSFET amplifiers: biasing, ac coupling, small signal analysis, frequency response. Current mirrors and differential amplifiers.

Op-amp circuits: Amplifiers, summers, differentiators, integrators, active filters, Schmitt triggers and oscillators.

Section 5: Digital Circuits

Number representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders.

Sequential circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data converters: sample and hold circuits, ADCs and DACs.

Semiconductor memories: ROM, SRAM, DRAM. Computer organization: Machine instructions and addressing modes, ALU, data-path and control unit, instruction pipelining.

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, Routh-Hurwitz 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, superheterodyne receivers.

Information theory: entropy, mutual information and channel capacity theorem.

Digital communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

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Section 8: Electromagnetics

Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector.

Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth.

Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, Sparameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DAY WISE SESSION PLAN

DAY1	TOPIC COVERED
DATI	solution of Isnaes equations and unriquena
DAY2	swortage and volume integrals
DAY 3	partial differential equations.
DAY 4	Node and Mesh analysis
DAY 5	equilibrium carrier concentration.
DAY 6	generation and secombination costinu
DAY 7	current mirrors and differential amplifica
DAY 8	anteger and floating-point -rumbers
DAY 9	sample and hold crokults and force
DAY 10	Machine Instructions and addressing
DAY 11	Lead and lag-lead compensation
DAY 12	autocorrelation and power spectral density
DAY 13	properties of white noise.

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DAY 14	spectora of AM and FM.
DAY 15	anter-symbol anterterence.
DAY 16	matched falter necesver.
DAY 17	- Fundamentals of error correction
DAY 18	Boundary conditions
DAY 19	Reflection and Refraction
DAY 20	propagation through various media
DAY 21	chagadegistic. Impedance
DAY 22	Rectangular and crocular waveguitles
DAY 23	19ght propagation in optical fibery
DAY 24	dipole and monopole antennas

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	14U11A0425	SEETHA NAGARAJU
2	15U11A0401	ABRABOINA NARESH
3	15U11A0402	AITHA RACHANA
4	15U11A0403	ARRAGOKULA ROHAN RAJ
5	15U11A0405	BUDUMA VINAY
6	15U11A0406	B BHAVANI
7	15U11A0407	CHEEDALLA PAVAN KUMAR
8	15U11A0409	CHILUKA NIKHIL
9	15U11A0411	DANDIGA SHIVA SAI
10	15U11A0412	DASARI SRISAILAM YADAV
11	15U11A0415	DONGRI MILIND
12	15U11A0416	GANGISHETTY LALITHA RANI
13	15U11A0418	GUGLAVATH MAMATHA
14	15U11A0419	INDIRALA SAMPATH REDDY
15	15U11A0420	JADI ANUSHA
16	15U11A0421	JILLELLA VATHSALYA REDDY
17	15U11A0422	JITTAVENI GANGARAJU
18	15U11A0423	JORKA SOWMYA
19	15U11A0424	KADARI GANGAJAMUNA
20	15U11A0425	KALIMAKOLAN SRUTHI
21	15U11A0426	KANDI SIRISHA
22	15U11A0427	KANUGANTI KARUNAKAR
23	15U11A0428	KODIMYALA ARAVIND
24	15U11A0429	KOSARAJU JAYA SURYA
25	15U11A0431	MACHARLA DIVYA
26	15U11A0432	MACHARLA SHRAVYA
27	15U11A0433	MADHARI ANUSHA
28	15U11A0434	MANCHALA PRANUSHA
29	15U11A0436	MARRI MAHESH
30	15U11A0438	MOHAMMED ANSAR MINHAAZ
31	15U11A0439	MOKALA SANDEEP REDDY
32	15U11A0440	MOLAKALA AKHIL
33	15U11A0441	MOLKALA UMA
34	15U11A0442	N RAKESH

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HNO	NAME OF THE STUDENT
	NARRAMULA SHIRISHA
15U11A0445	PEDDIGARI SHRUTHI
15U11A0446	CH SAI KUMAR
15U11A0449	RAIKODU SRAVANI REDDY
	R RACHANA REDDY
15U11A0451	RONDLA VENKAT REDDY
15U11A0452	SANDA VIJAY
15U11A0453	SARIBALA SRIVIDYA
15U11A0455	SEESA BHARGAVI
15U11A0456	SHANKAPELLI SANDHYA RANI
15U11A0458	SOMA SRAVANI
15U11A0459	THOTA VAMSI AVINASH
15U11A0460	TOTA LAXMI TEJASWINI
15U11A0461	VADLAKONDA MANIDHAR SIMHA
15U11A0463	VUMAMDI SINDHU
15U11A0464	YALAGALA RAMYA
15U11A0465	YARA SUCHARITHA
15U11A0467	CHILUKURI PRASHANTHI
15U11A0469	KIRAN KUMAR KATA
15U11A0470	MERABOINA SAI SHIVA
15U11A0471	S RAM PRASAD
15U11A0472	SARAF UDAY KUMAR
16U15A0401	ADUNOORI GANESH
16U15A0402	CHANDRAYENAGUDEM
16U15A0403	GANDHAMALLA HARIKA
	15U11A0443 15U11A0445 15U11A0446 15U11A0449 15U11A0450 15U11A0451 15U11A0452 15U11A0453 15U11A0455 15U11A0456 15U11A0458 15U11A0460 15U11A0461 15U11A0461 15U11A0463 15U11A0467 15U11A0467 15U11A0467 15U11A0470 15U11A0470 15U11A0470 15U11A0471 15U11A0471 15U11A0472 16U15A0401

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REPORT

DATE: 17/01/2018

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 11/12/2017 to 10/01/2018

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Electronics & Communication Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert
1	Engineering Mathematics	m. K sixesh babu
2	Analog Circuits Diode circuits:	mr. A. Harush
3	Networks, Signals and Systems	mx. I vamshi Kxishna
4	Electronic Devices circuits	ms. Divya
5	Digital Circuits	mre. V. Sandeep Kuman
6	Control Systems	m. K Stidbar
7	Communications	Mrs. Y. Jalakikshi
8	Electromagnetics	Mr. P. Ashold Kuman
9	Reasoning and Quantitative Aptitude.	mr. K Sureah baby

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ECE students who participated in GATE classes is enclosed.

CO-ORDINATOR

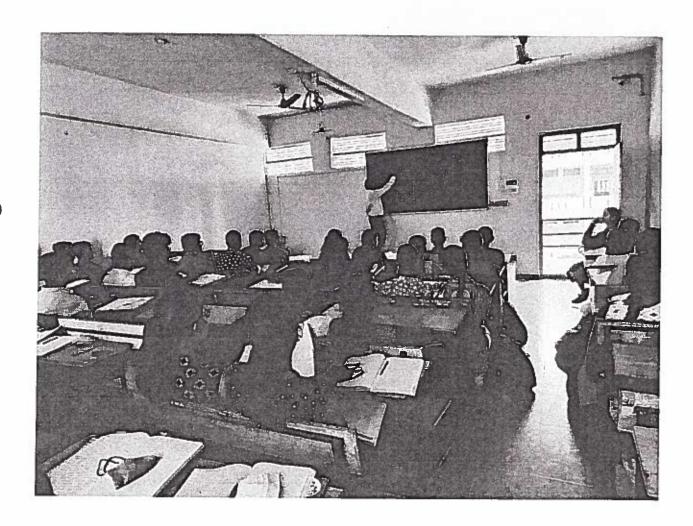
HOD

Pfincipal
Samskruti College of Engg. & Technologe
Kondapur (V), Ghatkesar (M), Medchal D



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)



CO-ORDINATOR

HOD

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Madchal Dis



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-217 (SECOND FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ECE students attended for the Academic Year: 2017-2018

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6	15U11A0406	P	P	P	P	A		P	_	P	P	P	P	P	Þ	P	P	P	Þ	P	P	-	P	A	P	B	
7	15U11A0407	P	B	P	P	9	P	P	7	P	P	P		_	P	Þ	4	_		P	P		-	1	A	P	+
8	15U11A0409	P	P	P	A	_		A	Р	P	P	P	A	-	_	P		P	Þ	P		P	P	P		þ	+-
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10	15U11A0412	P	P	A	P	P	_	P	P	Þ	P	P	Þ	-	þ		A	_	A	P	9	A	P	P	-	P	+
11	15U11A0415	P	B	P	A	P		В	Ь	P	Þ	P	$\overline{}$	P	Þ	_	P		_	P	_	-	Þ	P	_	P	_
12	15U11A0416	P	P	Þ	P	A	-	P	4	B	P	P	-	-	_	P	_	_	Þ	P	-	_	P	P	\rightarrow	P	+
13	15U11A0418	A	P	P		9		P	P		A	_		-	_	P		P	_	P	_	B	P		Ρ̈́	h	+
14	15U11A0419	P	В	Р	P		9	P	•		Р		P		P	Þ		P	_	P	_	P	P		_	P	+
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21	15U11A0426	P	P	P	_				A				q	-	$-\iota$	P			P		P	7			-	P	+
22	15U11A0427	B	Р	_			$\overline{}$	_	P	$\overline{}$	_	P		_		$\overline{}$			\rightarrow			P	P	-		P	
23	15U11A0428	P	P	_	\rightarrow				P				P			P	P			P	P		P	_	┻	9	
24	15U11A0429	P	\rightarrow	P		***	-		P		_	\rightarrow					A	P					P	-	1- -	b	
25	15U11A0431	B		P				B		-	-	_	_					P		Þ	_		P	$\overline{}$	-	P	1
26	15U11A0432	P		_		_	_			_	_	_	_				-	. 1	P		_	•	4		╼┾	P	+
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28	15U11A0434	P		_	-	9 1	-	-	_	•	•	-	_	_			A	•	_	$\overline{}$	_	-	밁	_		P	
29	15U11A0436	P	-	$\overline{}$		~		_	-		_	B		_	A	P	_	$\overline{}$			_		-	-	P	b	+
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31	15U11A0439	P				P	\neg		-	<i>b</i> 1		-	P	_									A 19		` '		+
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36	15U11A0445	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	1	P	P	A	LP.	A	P	P	2
37	15U11A0446	P	P	P	A	P	P	P	P	À	P	P	P	P	A	À	P	P	P	P	P	P	P	P	A	P
38	15U11A0449	P	A	P	P	P	P	А	P	P	P	P	A	P	P	P	P	P	P	À	P	A	P	P	ρ	9
39	15U11A0450	A	P	P	P	P	P	P	P	P	D	A	P	P	P	Р	A	A	Ρ	P	D	P	A	ρ	Ò	P
40	15U11A0451	P	P	P	A	P	P	Ď	A	P	P	P	P	A	D	P	P	P	P		Þ	D	p.	P	b	ρ
41	15U11A0452	P	P	P	P	A	P	b	P	P	P	P	P	P	A	0	P	P	P	P	A	P	P		P	P
42	15U11A0453	P	P	A	P	P	Þ	Þ	P	P	A	P	P	Ò	P	A	P	p	A	D	P	A	P	P	P	A
43	15U11A0455	A	P	P	P	P	P	D	P	P	P	A	ρ	b	D	P	A	P	P	P	P	P	A	P	O-	7
44	15U11A0456	P	P	P	D	А	ρ	D	P	P	P	P	D	D	A	P	P	A	P	A	P	P	P	A	P	P
45	15U11A0458	P	P	Р	D	P	D	P	A	A	P	P	A	D	0	Þ	D	P	þ	0	9	P	P	P	A	P
46	15U11A0459	P	P	A	P	P	0	P	P	P	P	P	P	P	Þ	Þ	A	Þ	ρ	Þ	Ď	D	P	P	p	P
47	15U11A0460	P	A	p	D	P	P	P	Р	P	P	P	P	A	P	Ð	P	P	A	P	P	A	p	P	P	P
48	15U11A0461	P	P	P	D	B	P	A	P	P	A	P	Þ	D	٥	P	D	D	0	P	D	P	A	D	b	A
49	15U11A0463	A	P	b	D	D	A	D	A	D	P	P	P	D	A	P	P	B	D	D	D	þ	P	A	6	P
50	15U11A0464	P	P	P	A	P	D	P	D	P	P	A	P	b	P	P	P	D	A	D	P	P	P	0	A	b
51	15U11A0465	P	P	P	D	A	P	P	A	P	D	P	A	5	P	P	D	D	P	P	A	P	P	D	P	P
52	15U11A0467	D	P	P	D	A	P	P	P	P	P	P	P	D	P	A	A	O	P	A	0	D	P	A	5	b
53	15U11A0469	p	A	p	D	Р	P	P	ρ	A	0	P	P	P	A	P	0	D	D	ñ	D	A	P	D	P	A
54	15U11A0470	P	P	A	D	P	P	P	P	<u> P</u>	A	P	p	P	P	P	P	P	P	P	P	P	A	P	6	P
55	15U11A0471	-	P	P	P	A	P	P	P	P	P	P	P	ρ	0	P	P	A	A	P	0	P	P	P	5	P
56	15U11A0472		P	P	D	P	D	D	P	0	P	D	P		A	P	P	D 77	D	D			Þ	-	P	p
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>CIRCULAR</u>

Date: 06/12/2017

All the students of B. Tech III year are informed that the Department of Computer Science & Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 11/12/2017 to 10/01/2018 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-CSE on or before 08/12/2017. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-CSE

PRINCIPAL

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, 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 and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions.

Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

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, pipeline

hazards.

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, 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 traversals, 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. Internation

Samskruti College of Enga. & Technology Kondapur (V), Chatkesar i code generation.

Local optimisation.

Data flow analyses: constant propagation, liveness analysis, common subexpression

Section 8: Operating System -

System calls, processes, threads, inter-process communication, concurrency and synchronization.

Deadlock. CPU and I/O 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 -

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit-switching;

Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing;

Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT);

Transport layer: flow control and congestion control, UDP, TCP, sockets;

Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DAY WISE SESSION PLAN

	DAY	
	DAI	TOPIC COVERED
	DAYI	Propositional and first order logic, sets,
		- combinatorics, generating to.
	DAY2	Linear Algebra, Calculus, Lymits, Continuity and differentiability, Meanvalue
		Theorem
	DAY 3	Probability & statistics . Kandom variables
		Marima & Minima . conflitional Probability
1	DAY 4	Boolean Algebra. Combinational & serviential
		Circuit is and a decemential
ŀ		circuits, compute orithmetic
	DAY 5	Machine instructions & Addressing mode
		ALU, pipeline Hazarals.
r		10-
	DAY 6	Memory Hiearchy, cache, Main Memo
L		-ry, Ilo intutore.
	DAY 7	
	DAI /	Programming in (, Trecusion, Arrays,
\vdash		Stocks, Trueve, KST, binary heaps.
	DAY 8	Searching, sorting, hosting, space
		complexity
	DAMO	
	DAY 9	Graph travesals, Minum sponning trees,
_		Shortest Paths.
,	DAY 10	Kegular expression & finite automata
		Content tree grammars.
_		
1	DAY 11	Regulor and contentree longuages
		Puncing lemma under 11:1:
		Pumping lemma, undeciability
I	DAY 12	Lexical Analysis, parsing, Byntan
_		- directed translation
Т	DAY 13	code generation : 1 12
4	ATT 15	code generation, Local optimisation,
_		Data flow Analyses

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	DAY 14	System calls, processes, -threads,
	70.477.47	in ta-process communication
	DAY 15	Deadlock. CPU and I/O
		Scheduling . Memory Moragment
	DAY 16	ER-Model, Relotion Model, tuple
	3	calculus, SQL. integrity constraints
	DAY 17	organization, indexing.
		Transactions and concurrency control
	DAY 18	concept of layering. OSI &
ŀ		TCP/IP Protocol stocks
	DAY 19	Bosic of Packet, circuit & virtual circuit - switching, Data link layer
L		J DOTA LINK layer
	DAY 20	Routing Protocols, Shortest pola,
		flooding, distance vector, link state
	DAY 21	Metwork Attress, transport layer,
		thus copy and a
L		thow control and congestion, UDP.

COORDINATOR (Eyed 72d).

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	14U11A0530	KALAVENA ADITYA
2	15U11A0501	AVUNOORI KALYAN
3	15U11A0502	BAJA SHYAM
4	15U11A0503	BATTU MAHESH
5	15U11A0506	CHUNCHU MANASA
6	15U11A0507	CIRRA SANTOSH
7	15U11A0508	ERRA NIHARIKA
8	15U11A0509	ERVA KARTHIK
9	15U11A0510	G VANDANA
10	15U11A0511	GADDAMEEDI SAIKUMAR
11	15U11A0512	GUNDEBOINA JAYACHANDRA
12	15U11A0513	GUNDU SHASHIDHAR
13	15U11A0514	INAVILLI SRINAGA SAI ANUSHA
14	15U11A0515	JAMALPUR VANDANA
15	15U11A0516	JOGU BHAVANI
16	15U11A0518	KUNCHALA SANDHYA
17	15U11A0519	MAMILLA MANIDEEP YADAV
18	15U11A0520	MUSHUGUMPULA PRABHAVATHI
19	15U11A0521	PANJALA SOWMYASREE
20	15U11A0522	POTHARAJU SAI ROHAN
21	15U11A0523	RAMAGIRI VANDANA
22	15U11A0525	SAMREEN BEGUM
23	15U11A0526	SANKEPALLY AJITH REDDY
24	15U11A0527	THAKUR VISHAL SINGH
25	15U11A0528	THATIPAMULA RUSHMA
26	15U11A0529	THUPAKULLA BHAVANI SHANKER
27	15U11A0530	YERRA SHIVA PRASAD
28	15U11A0531	YOGGU PRANAY
29	15U11A0535	ANSHU JHA
30	15U11A0536	BISHAL SHAIKH
31	15U11A0537	DUDIPALA HARIKA
32	15U11A0541	K SRIKANTH
33	15U11A0542	KALASTRI SUPRIYA
34	15U11A0544	MURUGANI SAMYUKTHA YADAV
		THE COURT OF THE PARTY

Principal Samskruti Collebe of Engg. & Te

SNO	HNO	NAME OF THE STUDENT
35	15U11A0545	RAGHAVARAJU KIRAN KUMAR
36	15U11A0546	ROJA SETHY
37	15U11A0547	SURAKANTI SRAVANI
38	15U11A0548	VADLA SUJITH
39	15U11A0550	RUDRAGOUNI KAUSHIK GOUD
40	16U15A0502	KAMMILA PRAVEEN KISHORE
41	16U15A0503	KODAVAKANTI LALITHA PRASANNA
42	16U15A0504	MOHAMMAD RASHEED
43	16U15A0505	MUNNAP DEEPIKA
44	16U15A0507	SANDIRI SOWMYA

CO-ORDINATOR

PRINCIPAL

Principal



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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-108 (FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year CSE students attended for the Academic Year: 2017-2018

SNO	HNO	111/13	12/1		14/																1=		_				-	
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7	15U11A0508	P	A	P	A	A	P	~~	P	A	P	_	- 		A		P			A	$\overline{}$	P		_	L	_	Ļ	\perp
8		P	P	P	7	-	5		P	_		P		P	P	I P	P	P	_			P			L		L	<u> </u>
9		P	P	P	P	A	P	1		2		P	K	A	Ę	ĮP	P	17	A		_	A	Ц		L		L	<u> </u>
10	15U11A0511	A	-	+	P	P	A		K	15	ע	Ļ	P	P	7	P	P	1			_	P					L	$oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}}$
11	15U11A0512	P	P	P		A		A		P		7	11	ľ	P	P	P		A	_		P					L	$oxed{oxed}$
12	15U11A0513	P	4	P	P	5	Α	Ρ	<u> P</u>	A	<u>5</u>	7	¥	1	P		P	3 1	÷	P		P					L	
13	15U11A0514	P	P	P	P		A						P		_	P	P	2	A	P	-21	P					-	
14	15U11A0515	ρ		P	P	5	A	_					12				_	12	_		_	P						
15	15U11A0516	P	P	P	A	12		A				_	_	_	P	_	P	A	_	_	P	A	\Box				L	
16	15U11A0518	+		À	9	$\overline{}$	P	P		P		\rightarrow	P	_	· ·	P	P	P	_	P		P			Ш		L	
17	15U11A0519	AP	P	7	_	_	P	P		P	P		_	Α	P	_	A	_	_	-	-	P						
18	15U11A0520			'n		_	_	Р	-	٨	\rightarrow	2			_	_				$\overline{}$		P						
19	15U11A0521	P	P	<u> </u>	_		_	_		_	_	P			_	P	\rightarrow			P	P	Α						
20	15U11A0522		P	P		\rightarrow	P		P	_			P	_		A	_	7		A	A	P						П
$\frac{20}{21}$	15U11A0523	P	P	2	_		P				7						2			P	P	P						
22	15U11A0525	P	P	P		$\overline{}$	4	4	_	_	$\overline{}$	2					Þ	Р	P	P	9	P				\neg		П
23		A	P		_	A		P	P	1	D	2	P	P	P	P	P	গ	P	P	P	P						П
	15U11A0526	P	A	P	P	P	A	P					P	P	P	P	P	P	P	P	P	P	\neg	\Box		\neg		П
24	15U11A0527	P	\rightarrow	_		P		_			2	2	P	Р		P	D	P	4	p .	٨	P			٦	\neg		П
25	15U11A0528	P	P	P		2		A	A	p	P	P	A	Р	P	P	P			P	P	P	╗		\exists	\dashv		П
26	15U11A0529	P	P	_	P	A			P	2	P	P		A	P	P	À	P	P	_	_	P		\neg		\neg	\neg	П
27	15U11A0530	P	P	-		2	Р	P	P	Þ.	P	P	P	P			P		_	${} \rightarrow$		P	7		寸	\exists	\exists	\sqcap
28	15U11A0531	P	P		P	AL	P	2	P	2 /	P	P	P	P.	A	$\overline{}$	_	_	_	<u> </u>	-	A	1	\dashv	┪	7		一
29	15U11A0535	Α	P	P	P	P	Α	77	p	p;	4	Р	A	_	_	Ā	_	$\overline{}$	-	-	$\overline{}$	P	寸	┪	\dashv	十	\dashv	\exists
30	15U11A0536		P			P		7	-	_	$\overline{}$		\rightarrow	-	_	_	-	_	_	-	-	P	+	7	\dashv	\dashv	\neg	\dashv
31	15U11A0537	P	P	λ		P		$\overline{}$	_	_		_	_	_	$\overline{}$	P	-	-+	-	-	_	P	\forall	\dashv	\dashv	\dashv	\dashv	\dashv
32	15U11A0541	P	A	P	PI	_	_		$\overline{}$	7	`	_			_	허		_	P		_	P	+	+	\dashv	\dashv	\dashv	\dashv
33	15U11A0542	P	P	P	-	- 1	A	Ħ,	-	_	•		গ		P		P	$\overline{}$		-	$\overline{}$	7	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv
34	15U11A0544	A-	P	_	_		_	_	_		-	计	ति		-		_	-	K	-	' 	+	\dashv	+	\dashv	\dashv	\dashv	\dashv
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NO	HNO	11/12	12/12	5/12	14/	15/	16/	18/	20/	21/	22/		27/	/		36			5/	8/	9/	10/			
35	15U11A0545	D	D	n		9	0	17		5	-	D	5	/12	1/2	1/2	/01		/01	/01	101	/0)	<u> </u>		
36	15U11A0546		1	1 4	^	ν_	<u>r</u>	Y	7	٢	7	17	14	A	P	[7]	P	P	A	P	P	P			
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_37	15U11A0547	P	Æ	P	P	P	P	0	A	7	D	D	5	0	P	72	D	5	0	0	0				
38	15U11A0548	D	A	D	D	A	P	D	Ð	P	ก	A.	D	-	D	-		-	1	-	7	K		 	
39	15U11A0550	Đ	D	12	D	-	- 1	1			P	∱ ↑	٠	A	r	P	P	2	P	P	P	P			
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40	16U15A0502	A	P	I.P.	p	P	A	*	P	P	P	A	D	P	A	A	A	D	D	D	D	17			
41	16U15A0503	P	P	Α	Þ	P	0	P	Ď	D	D	P	0	D		P	_		6	5	D	D		 	-
42	16U15A0504	D	D	D	D	Α .	5	<u> </u>	<u>, </u>	<u></u>	D		r	-	<u>*</u>		Æ			-	17				
43	16U15A0505	1	Y_	V	ľ	A	Y	ľ	<u>A</u>	1'	Y	P	P	٨	P	P	P	P	<u>P </u>	P	P	P			
43	10013A0303	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	D	P	A	Р	A	D			
44	16U15A0507	5	D	a	Α-	0		-			1	_	D		1	_	5	-	_	-	′′	-	_	 	
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COORDINATOR

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SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING REPORT

DATE: 17/01/2018

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 11/12/2017 to 10/01/2018

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Computer Science & Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert
1	Engineering Mathematics	Thirupathi Battu
2	Digital Logic	Sandeep Kumar Vasa
3	Computer Organization and Architecture	G. Radha Devi
4	Programming and Data Structures	Syed Azhad
5	Algorithms	K. Ramasubramanian
6	Theory of Computation	P. Divya
7	Compiler Design -	P. Divya
8	Operating System	G. Yedukondalu
9	Databases	M. Raghavendra Rao
10	Computer Networks	P. Satyanarayana

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III CSE students who participated in GATE classes is enclosed.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

CIRCULAR

Date: 18/07/2018

All the students of III B.Tech Year (All branches) are informed that, competitive exam coaching would be conducted that is "CRT CLASSES" scheduled from 23/07/2018 to 30/07/2018 (10:30AM to 03:30PM). All the branches students are requested to utilize this wonderful opportunity to crack the competitive exam like GATE, PG-ECET etc... Enroll your names at the office of TPO on or before 21/12/2018. Schedule for CRT coaching classes will be issued soon.

Head Training & Placement

Samskruth College of Enug. & Technolog Kondopul (V), Ghellosar(M), Medchal (D)

Copy to:

- 1. Hon'ble-Chairman/Secretary For information
- 2. Principal's Office

IQAC	CE	EEE	ME	ECE	CSE	H&S	MBA	AO
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

SYLLABUS FOR CRT CLASSES

	Communication Skills & Interpersonal Skills
	Extempore (JTM)
37	Basics of Grammar
	Indianism, Vocabulary & Root Puzzles
	Goal Settings
	Creative Thinking
Verbal	Students Power point Presentation
Aptitude	Team Building
	Data Interpretation
	Data Sufficiency
	Races & Games of Skill
	Number, Alphabet, Figure Series
	Races & Games of Skill
	Statement & Assumptions
	IBM Exam Pattern discussion and tips
	TCS Exam Pattern discussion and tips
	Communications & Interpersonal Skills
Soft Skills	Verbal presentation skills
	Resume Building
	Time management



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Soft Skills Training Course Content:

0.37		
S No	Topic Name	
1	Non-Verbal Communication	
2	Verbal Communication	
3	Listening Skills	
4	Interpersonal Skills	
5	Public Speaking & Presentation Skills	
6	Campus Recruitment Process	
7	Speed Math & Basic Analytical Training	
8	Grammar & Vocabulary Building	^



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	16U11A0102	BANALA SAKETH REDDY
2	16U11A0104	BETHI KAMALAKAR
3	16U11A0105	CHEEPELLY VINODKUMAR
4	16U11A0106	D RADHA KRISHNA
5	16U11A0107	DHARAVATH NAVEEN
6	16U11A0108	DUSA SRAVANKUMAR
7	16U11A0110	HARI NAVYA SRI
8	16U11A0112	KESHABOINA SAIKUMAR
9	16U11A0114	KUNDARAM BHAVANA
10	16U11A0115	MAMIDALA GIRIDHAR
11	16U11A0116	MOHAMMED AFNAN
12	16U11A0120	MUKKA GOPI KRISHNA
13	16U11A0122	NEELA KRISHNA
14	16U11A0124	S KISHTA REDDY
15	16U11A0125	SYED MUZAMEEL
16	17U15A0101	AMBALA SHASHIDHAR GOUD
17	17U15A0102	В ТЕЈА
18	17U15A0103	BANOTH MOUNIKA
19	17U15A0104	CHILAKA NAVEEN
20	17U15A0105	GAGIREDDY SAHITH REDDY
21	17U15A0106	GARBHAM JAGADEESH BABU
22	17U15A0108	KATTA SURAJ KUMAR
23	17U15A0109	MANGA SAI KUMAR
24	17U15A0110	MATTA AKHILA
25	17U15A0111	MEDARI NIKHIL KUMAR
26	17U15A0112	MEDAVOLU MAHESHWARI
27	17U15A0113	MEER RAHAMATH ALI
28	17U15A0114	PANDALA PRIYANKA
29	17U15A0115	RANGA SUMANTH GOUD
30	17U15A0116	SHAIK RAHEMATULLAH
31	17U15A0117	TANUKU SHARAN
32	17U15A0118	THOTAKURI YASHWANTH
33	17U15A0119	VADDEPELLI GANESH
34	17U15A0120	VADIYANAM PRASHANTH



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

SNO	HNO	NAME OF THE STUDENT
35	17U15A0121	VORAY PARSHURAM
36	17U15A0122	AAVULA BABU RAO
37	17U15A0123	BANOTH RAJA SHEKAR NAYAK
38	17U15A0124	BHUKYA PRAVEEN KUMAR
39	17U15A0125	CH RAHUL
40	17U15A0126	D DHAN RAJ
41	17U15A0127	DEERAVATH PRASHANTH NAYAK
42	17U15A0128	DHARAVATH SHIVA
43	17U15A0129	DHARAVATH SUNIL
44	17U15A0130	KEISHAM KISHAN SINGH
45	17U15A0131	KELAVATH PREMDAS
46	17U15A0132	KOIJAM KISHOR CHAND SINGH
47	17U15A0133	KONSAM NURJIT SINGH
48	17U15A0134	KUCHULA SAIKRISHNA
49	17U15A0135	LAISHRAM PARI MEITEI
50	17U15A0136	MALOTHU RAMESH NAIK
51	17U15A0137	MARRI HARISHKUMAR
52	17U15A0138	MARTHI MANOJ KUMAR
53	17U15A0139	MEKALA PREM SAGAR
54	17U15A0140	NUNAVATH RAJU
55	17U15A0141	POLAGONI SHIVA PRASAD
56	17U15A0142	RAPARTHI NAVEEN
57	17U15A0143	THOTAKURA SHIVA PRASAD
58	17U15A0144	NANDAM RAMESH BABU
59	16U11A0201	ADLA MANOJ
60	16U11A0202	ADUNURI KRANTHIKUMAR
61	16U11A0203	ARE GANGA
62	16U11A0207	KUNTA CHITTI
63	16U11A0208	MANDA V PHANINDRA
64	16U11A0210	PANUGANTI KOUSHIK
65	16U11A0212	THEEGALA SHIVAGIRI
66	16U11A0213	VADREVU SUBRAHMANYA
67	17U15A0201	BARIBADDULA RAJASHEKHAR
68	17U15A0202	DONIKELA ANUSHA
69	17U15A0203	KADIRI ARAVIND KUMAR
70	17U15A0204	KOTTHA ARUNA
71	17U15A0205	MERUGU AKSHARA
72	17U15A0206	PODISHETTY NIKHIL PRASAD
73	17U15A0207	SALUM MADHU
74	17U15A0208	VARIGANTI DEEPIKA
75	17U15A0209	VASPARI SWAPNA
76	17U15A0210	YENDRAPATI VINAY BABU
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

_			
	77	17U15A0212	ARUNTHOMAS
	78	17U15A0213	BIMANAPALLY SRAVANI
L	_ 79	17U15A0214	BOGA USHA
L	80	17U15A0215	BORRA GANESH
L	81	17U15A0216	CHINTHALA BHARANI KUMAR
L	82	17U15A0217	KORE MOUNIKA
L	83	17U15A0218	MACHALA PARAMESH
	84	17U15A0219	NANDIGAM ASHOK
L	85	17U15A0220	THAMMALA SAI KUMAR
L	86	17U15A0221	VUNNAVA SRI HARSHA
L	87	15U11A0302	BANOTH SHARATH
L	88	15U11A0323	KOLLURI SRIKANTH
L	89	16U11A0301	ADWALA ARUN KUMAR
	90	16U11A0302	BODDU MANISH
	91	16U11A0303	CHERIPALLI NAVEEN
	92	16U11A0304	DADDANALA HARIKRISHNA
	93	16U11A0306	GIVAJE VINEETH
	94	16U11A0307	GOLLAPALLI ARAVINDGOUD
	95	16U11A0308	GORLA BHARATH
L	96	16U11A0309	KALE ROHITH
	97	16U11A0310	KISHAN RAMAKRISHNA HEGDE
	98	16U11A0311	KOTLA CHARAN
	99	16U11A0314	KYATHAM DILEEP
L	100	16U11A0315	MANKU PRASHANTH
	101	16U11A0316	MATCHA VIDYANAND
	102	16U11A0317	NANDYALA VAMSHI KRISHNA
	103	16U11A0318	PALLERLA SAKETH
Г	104	16U11A0319	PEDDI RAJ KUMAR
	105	16U11A0320	ROFIQUL ISLAM
ſ	106	16U11A0321	SIVARATHRI YELLENDER
Γ	107	16U11A0322	SREEMANTHULA NAGASHIVA
Γ	108	16U11A0323	THALARI SHIVA GOPI
Γ	109	17U15A0301	BEDIDA KIRAN KUMAR
Γ	110	17U15A0302	CHINTALA NIKHIL
Γ	111	17U15A0303	CHITYALA SATHISH KUMAR
Г	112	17U15A0304	DOMMATA DAYAKAR
Г	113	17U15A0305	DONAKANTI VAMSHI KRISHNA
Γ	114	17U15A0306	DUMPALA GANESH
	115	17U15A0307	ELKAPELLY PRANAY
Г	116	17U15A0308	G SANDEEP
	117	17U15A0309	JANAGAM SHIVA KUMAR
	118	17U15A0310	MANGLARAM SHASHANK
-	119	17U15A0311	NAYANI SHIVASAIKRISHNA
_			A TOTAL TO WAR TO AND ALAKA MARKATA A TANA

Principal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

120	17U15A0312	P SAI KUMAR
120	17U15A0312	RACHAKONDA HARIPRASAD
121	17U15A0313	RANGALA BHAVANI
123	17U15A0314	SANGAM SAIKUMAR
125	17U15A0315	SILUMULA RAMANA MURTHY
126	17U15A0310	TEEGALA SAIKIRAN
127	17U15A0317	UTLA SHIVA SHANKAR
128	17U15A0318	VASURI AJAYKUMAR
129	17U15A0319	VOGGU SRIKANTH
130	17U15A0320	VUPPALA VINAY KUMAR
131	17U15A0321	BANOTHU SURESH
132	17U15A0325	ARIGE SRINIVAS
	17U15A0325	B BHASKAR
	17U15A0327	BANOTHU VEERANNA
135	17U15A0327	BURRA VINAY
136	17U15A0328	CHOLLETI SHASHIDHAR
137	17U15A0329	KAMATAM BHANU PRASAD
138	17U15A0330	KOTHA SAI VARDHAN REDDY
139	17U15A0331	MALAVATH RAJESH NAIK
140	17U15A0332	MARAVATH RAMARAJU
141	17U15A0334	MOORTHI VASANTH REDDY
142	17U15A0335	SUVVARI VASAVITI REDDT
143	16M51A0415	K SAI ESWAR RAO
144	16U11A0401	ADURI SHRAVYA
146	16U11A0403	ALDANDI SUPRIYA
147	16U11A0404	ARUNACHALLAM SHIVANI
148	16U11A0405	ASHISH SHIVALINGKAR
149	16U11A0406	BANDA SAINATH REDDY
150	16U11A0407	BANDARU TEJASRI
151	16U11A0408	BAREDDY SRIJA
151	16U11A0410	BHIMARI SAIKUMAR
153	16U11A0410	BIDEKANNE SANGAMESHWAR
154	16U11A0411	BOMPALLY RAHUL
155	16U11A0412	BONDILI HEMANTH
	16U11A0414	BONGURALA BANU PRASAD
156	16U11A0414	BUDDA REDDY VARSHITH REDDY
157	16U11A0416	CH SUDHEER KUMAR
158	16U11A0417	CHINDULURU GANESH
159	16U11A0417	
160		D DIVYA
161	16U11A0419	DANDABOINA SRINIVAS
162	16U11A0420	DASARI AKSHAY KUMAR
1621	1/1/11/1/0/01	
163	16U11A0421 16U11A0422	DILPREET KAUR CHUGH DIVVELA ABHINAV



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

165	16U11A0423	DUMPALA MANWITHA REDDY
166	16U11A0425	GADDAM NIKHILA
167	16U11A0426	GODUGU SUKANYA
168	16U11A0427	GOPITI HEMASRI
169	16U11A0428	GOPITI RAVI TEJA
170	16U11A0430	JEEDIMALLA RAKESH REDDY
171	16U11A0431	KALUSANI SRIDHAR REDDY
172	16U11A0433	KANATHALA SHARATH KUMAR
173	16U11A0434	KATKAM SARITHA
174	16U11A0435	KAVATI GANESH
175	16U11A0436	KETHAVATH DHEERAJ NAYAK
176	16U11A0437	KORENDA CHINTHARLA
177	16U11A0438	LAXMAPURAM DEEPTHIPRIYA
178	16U11A0439	MAASULA MOUNIKA
179	16U11A0440	MANKALA SUCHARITHA
180	16U11A0441	MOLUGURI ROHITH
181	16U11A0442	MUTTINENI NIKHITHA
182	16U11A0444	PARNE SHIVANI
183	16U11A0445	PASHAM MAMTHA REDDY
184	16U11A0446	PASHAM MANOJ KUMAR
185	16U11A0447	PONNAM NAVEENKUMAR
186	16U11A0448	PULGAM ARCHANA
187	16U11A0453	RAYALA DEEPIKA
188	16U11A0454	RAYALA PRAVALIKA
189	16U11A0455	REGATTE ASHWINI
190	16U11A0456	SADANANAD ROHANKUMAR
191	16U11A0457	SANDHUGARI VYSHNAVI
192	16U11A0458	SOMA SAI VIVEK
193	16U11A0459	SOUMYA SRI NADIPELA
194	16U11A0460	SURA AISHWARYA
195	16U11A0461	TUDI SRILATHA
196	16U11A0462	V SOWMYA
197	16U11A0463	VANAPAMULA NEELIMA
198	16U11A0464	VANGAPALLI SHIRISHA
199	16U11A0465	VARDAMANUKOTA YASHASWINI
200	16U11A0466	VINJAM NAGA LAKSHMI
201	16U11A0467	Y BHARGAVI
202	16U11A0468	Y VIJAYA SHANMUKH REVANTH
203	16U11A0469	YARLAGADDA SRAVAN
204	16U11A0470	YENNI ANUSHA
205	16U11A0471	YENUGANDULA PAVAN KUMAR
206	16U11A0472	YESIREDDY SANDEEP VARMA
207	17U15A0402	AMBOTH BHARATH
		1

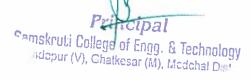
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

208	17U15A0403	GIDUTHURI DIVYA
209	17U15A0404	GOTTAMUKKULA PRASANNA
210	17U15A0405	KAMSANI SWETHA
211	17U15A0406	MADIPADIGE ARUN
212	17U15A0407	NEEREDI KAVITHA
213	17U15A0408	SAMALA GOURI SHANKER
214	17U15A0409	SANA BEGUM
215	17U15A0410	SUNIL KUMAR RATHOD
216	17U15A0411	THABASUM
217	17U15A0412	ADUGANI CHANDANA
218	17U15A0413	K RAVIKANT
219	17U15A0414	K SADGUNA
220	17U15A0415	NARALA MOUNIKA
221	17U15A0416	REDDY TEJA SAI KRISHNA
223	16U11D5801	MALOTHU RAJKUMAR
224	16U11D5802	B AVINASH
225	16U11D5803	BARLA DIVYA
226	16U11D5804	BASANTHAPUR RUTHU
227	16U11D5805	CHARLES SHERLY SUPRIYA
228	16U11D5806	DATLA SHIVA KUMAR VARMA
229	16U11D5807	DESHPANDE CHANDRIKA
230	16U11D5808	DIDDI MOUNIKA
231	16U11D5809	JALAGAM PRIYANKA
232	16U11D5810	KUTHURU SAHITHI
233	16U11D5811	NALLAMASU MADHU KUMAR
234	16U11D5812	NAVITHA BANDA
235	16U11D5813	S UMADEVI
236	16U11D5814	ABHINAV MOSALI
237	16U11D5815	C KEERTHI CHANDRA
238	16U11D5816	CHANDRASEKHAR YENUGUPALLI
239	16U11D5817	CHINTALA SANDEEP
240	16U11D5818	SAINATH REDDY PATEL
241	16U11D5819	SRINIVAS MARIPALA
242	16U11D5820	VISHAL SHANKARRAO UKEY
243	16U11D5821	KUNDHARAJU KIRANMAYEE
244	15QN1A0515	MD FASI AHMED
245	166Z1A0502	ALLADI SAI MANOJ
246	166Z1A0504	BAKKASHETTI AKSHITHASAI
247	166Z1A0509	CHELLIMELA SAI GANESH GOUD
248	166Z1A0512	MADASU ROHITHA
249	166Z1A0513	MANCHIKANTI SANDEEP
250	166Z1A0515	NALATI RAVALI
251	166Z1A0516	NAMBURI VENKATA NAVEEN





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252	166Z1A0518	PULIGINDLA SAI LAKSHMITULASI
253	166Z1A0519	RANGA SRAVANI
254	166Z1A0521	S VIVEK REDDY
255	166Z1A0522	VANARASHI RAMYA
256	166Z1A0524	YASH BANG
257	16U11A0501	ALLENI AKHIL
258	16U11A0502	ANDRAPU NIKHITHA
259	16U11A0503	BURRA PADMINI
260	16U11A0504	CHALLA NIKHILA SRAVANI
261	16U11A0506	CHEENAPALLI RACHANA
262	16U11A0507	CHITHARLA SHIVA
263	16U11A0510	DAGGULA INDRASENA REDDY
264	16U11A0512	DONGISHARAPU BHAVYA LAXMI
265	16U11A0513	E PRANAV VARMA
266	16U11A0517	GONAPA AVINASH
267	16U11A0519	K HARI KARTHIK
268	16U11A0520	KANAPARTHI HARI PRIYA
269	16U11A0521	KARINGULA SANDEEP REDDY
270	16U11A0522	KILARU RAJITHA CHOWDARY
271	16U11A0523	KODAKANDLA RAJA
272	16U11A0524	KOMMURI SHIREESHA REDDY
273	16U11A0526	KOTHA KONDA KIRAN KUMAR
274	16U11A0527	LINGAMPALLY KAVYA
275	16U11A0529	MANNE SAINATH
276	16U11A0530	MATLA STEVE SUJAY
277	16U11A0531	MUTHANGARI ARCHANA
278	16U11A0532	N.A ANEESH
279	16U11A0533	NALLA NAGALAXMI
280	16U11A0534	NALLA SPANDANA
281	16U11A0535	NEHA THAKUR
282	16U11A0536	P SHIVANI
283	16U11A0539	POLICEPATEL OMKAR
284	16U11A0540	PONNABOINA DIKSHITHA YADAV
285	16U11A0541	POOJA AGARWAL
286	16U11A0544	THALANKI SREEHARSHINI
287	16U11A0545	THIMMAPURAM PRANAY KUMAR
288	17U15A0501	CHITTIPOLU SAMYUKTHA
289	17U15A0502	D SHIVARAMAKRISHNA
290	17U15A0503	JUPALLY SOUMYA
291	17U15A0504	RAYABANDI AKHILA
292	17U15A0505	TANNIRU SRI KRISHNA
293	17U15A0506	THATI MADHU BABU
294	17U15A0507	JEEJULA RAMYA

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

295	17U15A0508	PEDDI RAMYA
296	15QN1A0515	MD FASI AHMED

Head Training & Placement

PRINCIPAL

Principal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

Training & Placements Department DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Problem on Trains, Boats & Streams Time speed & Distance.
DAY2	Permutation & Combinations, probability Directions, Blood Relations, Seating arrangement
DAY3	Data Interpretation, Rcces. + Games of Skills, statement & assumptions.
DAY 4	IBM exampattem discussion and tips, Tos exam pattern discussion and tips.
DAY 5	Softe skills - Communication and unterpersonal skills.
DAY 6	vescial presentation skills
DAY 7	Resume building + Time management
DAY 8	Vubal Communications
DAY 9	Listening skills
DAY 10	Grammer building
DAY 11	Vocabulary Building
•	71

POR RAM

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: CRT

TIMINGS: 04:30PM TO 06:30PM

The list of III B.Tech students attended for the Academic Year: 2018-2019

	E:								-					_											_	_	-	-	_	_		_
SNO	HNO	23/2	24/7 25	14/	27/3	A	Ц				Ц	Ш		Ш		Ц	'		ſ	\perp	Ц	1	Ц		1	L		Ц		Ц	Ш	
1	16U11A0102	P	PP	A		2	\coprod		Ш		Ц			Ц	1	Ц		Ц	Ц		Ц	┸	Ц	L	Ц	\perp	Ц	Ц	\perp	Ц	Ш	
2	16U11A0104		PP	P	P 1	2	Ш	Ш			Ш	Ш				Ц		Ц		Ц	Ц		Ц		Ц	\perp	Ц	Ц		Ц	Ш	
3	16U11A0105	P	PP	P		P		Ц	Ш	Ш	Ц	Ш		Ц	Ц	Ц				Ц	Ц	1	Ц	L	Ц	Ш	Ц	Ц	\perp	Ц	Ш	
4	16U11A0106	P	PP		P	Α.	Ш	Ц	Ш		Ц	Ц	Ц	18		Ц	1	Ц	L	Ц	Ц	ļ	Ц		Ц	Ш	Ц	Ц	\perp	Ц	Ш	
5	16U11A0107	P	PP	P	P	Р.	Ш	Ц	Ц	4	Ц	Ц		Ц	Щ	Ц	\perp		L	Ц	Ц	╀	Ц	L	Ц	Ш	Ц	Ц	\perp	Ц	Ш	
6	16U11A0108	P	PP			P	Ш	Ц	Ш	+	Ц	Ш	Ц	Ц		Ц		Ц	L	Ц	Ц	1	Ц	L	Ц	Ш	Ц	Ц	1	Ц	Ш	Д
7	16U11A0110	P	PP			Р.	Ш	Ц	Ц	Ц	Ц	Ц	Ц		Ц	Ц		Ц	Ļ	Ц	Ц	1	Ц	Ļ	Ц	Ш	Ц	Ц	1	Ц	Ш	Д
8	16U11A0112	P	PP	P	P	2	Ц.	Ц	Ш	Ц	Ц	Ц	Ц		Ц	Ц	1		_		Ц	1	Ц	L	Ц.	Ш	Ц	Ц		Ц	Ш	4
9	16U11A0114	IP	AA			2		Ц	Ш	1	Ц	Ш	Ц	Ц	Щ	Ц	1	Ц	L	Ц	Ц	1	Ц	╀	Ц	Ш	Н	Ц	1	Ц	Щ	4
10	16U11A0115	P	PP	P		<u>P</u> :	Щ	Ц	Ш	7	3		Ц	Ц	Ц	Ц	1			Ц	Ц	1	Ц	╀	Ц	$\downarrow \downarrow$	Ц	Ц	\perp	Ц	11	4
11	16U11A0116	P	PP	P		?		Ш	1		IJ	8.				Ц	4	Ц		Ц	Ц	1	Ц	Ļ	Ц	\perp	Н	Ц	$\!$	Ц	$\downarrow \downarrow$	4
12	16U11A0120	A	PP	—		A	Щ	Ц			Ц		1	Ц	1	1			L		H	ŀ	Ц	Ļ	Ц	Ш	Ц	Ц	\coprod	Ц	Щ	4
13	16U11A0122	P	PP	P	A	2	Щ	Щ	Ш	Ц	Ц		Ц	Ц	Ц.	ij.	_[:	Ц	-	Ц		-	Ц	╀	Ц	Ц	Ц	Ш	Ц_	Н	Щ	4
14	16U11A0124		PP	P	PF	$\overline{}$	Щ	Ц		Ц	Ц		1		Ц	Щ	4	Ц	L	Ц	Ц	4	Ц	_	Ц	\perp	Ц	Ш	Щ	Ц	Щ	4
15	16U11A0125	P	PP	P	1	2		Щ	Ц		1		Ц	L	Щ	Ц	_	Ц	L	Ц	Ц	1	Ц	╀	Ц	Ш	Ц	Ц	\perp	\coprod	Щ	4
16	17U15A0101	P	P P	IP.	Pl	_	Щ	Щ	Ц	Ц	Ц	╀	Ц	L	Щ	Щ	Ц	Ц	1	Ц	Ц	4	Ц	╀	Ц	\bot	Н	Ш	\perp	Ц	4	_
17	17U15A0102	151	PP	$\overline{}$		기	Щ	Щ	Ц	Ц	Ц	╄	Ц	L	Ц	Ц	-	Ц	L	Ц	Ц	1	Ц	╀	Ц	4	Н	Ц	$\!$	H	4	4
18	17U15A0103	P	PP	P		긱	Щ	11	Ц	Ц	Ц	╀	Ц	L	\coprod	Щ	Щ	Ц	L	Ц.	\coprod	1	Ц	1	Ц	j	-	\sqcup	$oxed{\perp}$	Н		4
19	17U15A0104	P	AP	++-	-	2	Щ	\coprod	Ц	Ц	Ц	_	Ц		Ц	Щ	Ш		L	Ц	Ц	4	Ц	1	Ц	Щ	ot	Ш	$\!$	Ц		_ -
20_	17U15A0105	A	PP		P 1		Щ	Щ	Ц	Ц	Ц	1	Ц	L	Ц	Щ	4		L	Ц	Ц	4	Ц	╀	Ц	Ш	Ц	Ц	\coprod	Ц	4	
21	17U15A0106	P	PF		PI	٩	Ц	Щ	Ш	Ц	Ц	\perp	Ц		Ц	Щ	4			Ш	Ц	4	Ц	╀	Ц	\perp	Н	Ц	-	Ц	4	
22	17U15A0108	P	PP			민	Ш	Ш	Ц	Ц	Ц	\perp	Ц		Ц	Щ	Щ		L	Ц	Ц	4	Ц	╀	Ц	Ш	Ц	Ц	Щ	Ц	4	×.
23	17U15A0109	P	P P		-	Ы	Щ	11	Ш	Ц	Ц		Ц	L	Ц	1	x.		L	Ц	Ц	_	Ц	\downarrow	Ц	Ш	Ц	Ц	Щ	Ц	Щ	╛
24	17U15A0110	P	PP	A		P	Щ	Щ	Ц	Ц	Ц		Ш	L	Ц	Щ	Щ			Ц	Ц	1	Ц	_	Ц	Ţ	Ц	Ц	1		Щ	╛
25	17U15A0111	P	$P \mid P$		77	Þ	Ш	Ш	Ш	4	Ц.	Į.	Ш	L	Ц	Щ			L	Ц	Ц	1	Ц		Ц	1	Ц	Ш	Ш	Ц	4	_
26	17U15A0112	A	PP	_	Pf	기	Щ	Ш	Ц	Ц	Щ		Ц	L	Ц	Щ	Щ	╛	L	Ц	Ц	1	Ц	1		Ľ	Ц	Ш	Ц	Ц	Щ	_
27	17U15A0113	P	PP		PI	기	\coprod	Ш	Ц	Ц	Ц		Ц	L	Ц	11	Щ	Ц	L	Ц	Ц	1	Ц		Ц	Ш	Ц	Ш	Щ	Ц	Щ	
28	17U15A0114	P	PP	P	21	2	Ш	11	Ш		Щ	\perp	Ш		Ц	\parallel	Ш	Ц	L	Ц	Ц	1	Ц	┸	Ц	Ш	Ц	Ш	Ц	Ц	Щ	╛
29	17U15A0115	P	p P	P	P	1	Щ		Ш	Ц	\coprod		Ц	L	Ш	║.		Ц	L	Ц	Ц	1	Ц	1	Ц	Щ	Ц	$oldsymbol{\perp}$	Щ	Ц	Щ	
30	17U15A0116	p	PP	P	P	2					Ц	\perp				\parallel	Ш		L	Ц	Ц	\perp	Ц	1	Ц		Ц		\coprod	Ц	Ш	
31	17U15A0117	Ь	PP	P	A	2															Ц	\perp	Ц		Ц		Ц		Ц	Ц	Ш	
32	17U15A0118	Ы	PP	P	P	Р	П					\prod									Ш				Ц				Ц	Ш	Ш	
33	17U15A0119	A	P	P	p	Р		I					\prod		Т										\prod].	Ц		Ц	Ц	Ш	
34	17U15A0120	P	AP		·	2		1					T				I			T		\int					<u>'</u>					
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35	17U15A0121	bР	P	12	P	Α		Ц	┸	Ц	\perp	Ш		\perp	Ц	┵	Ц	1	Ц	1	Ц		Ц	\perp	1	Ц	4		\perp	\sqcup	Ц.	Ш
36	17U15A0122	PP	P	P	P	Р	ᆚ			Ц	11	Ц		\perp	Ц	\perp		4	Ц	_		_	Ц		_	Ц	4	1		Ц	\perp	\square
37	17U15A0123	PP	P	Р	P	P	\perp	Ц		Ц	1	Ц	1	\perp	Ц	1	Ц	\perp	Ц	4			Ц	4	4	Ц	+	\perp	\perp	Ц	\bot	Н
38	17U15A0124	PP	P	P	Α	6			\perp	Ц	_	Ц	\perp		Ц	1	Ш		Ц	_		\perp	Ш	\perp	1	Ц	1	1	Ц	Ш	$\!$	\bot
39	17U15A0125	PP	P	P	P	P	\perp			Ц	\perp	Ц	1		Ц	1	Ш	_	Ц	4	_	\perp	Ц	Ц	1	Ц	+	\bot	\perp	\sqcup	ot	\coprod
40	17U15A0126	PP	P	ρ	P	A		Ц	\perp	Ц		Ц	\perp	\perp	Ц	1	Ц	4	Ц	4	\perp	Ц	Ц	Ц	1	Ц	4	\bot	\perp	\sqcup	Щ	44
41	17U15A0127	PP	P	P	P	P				Ц	1	Ц	1		Ц	1	Ц	\perp	Ш	4	\perp	Ц	Ц	Ц	4	Ц	_	4	Ц	\sqcup	\coprod	4
42	17U15A0128	PP	P	Р	P	P	\perp	Щ		Ц	1	Ц	1	\perp	Ц	1	Ц	4	Ц	1	╄	Ц	Ц	Ц	4	Ц	1	+	Ц	igspace	$\!$	Ш
43	17U15A0129	PP	P	P	P	ρ	\perp	Ц		Ц	1		\perp		Ц	_	Ц	\perp	Ц	4	\perp	Ц	Ц	Ц	4	Ц	4	\bot	\sqcup	Ļ	Н	Щ
44	17U15A0130	PP	P	ρ	A	Р	\perp			Ц	1	Ц		\perp		1	Ц			4	_		Ц	Ц	4	Ц	_	_	Ц	₽	$\!$	Ш
45	17U15A0131	PP	A	P	ρ	P		4	1.	Ш	1	*	Щ	1	Ľ	1	Ц	10	Ц	4	╄		\perp	Ц	4	Ц	4	+	-	\perp	4	\coprod
46	17U15A0132	PP	P	P	Р	P				Ц	1	Ц	Щ	\perp	Ц	_	Ц		Ш	4	\downarrow	Ц	\downarrow	Ц	1	Ц	1	+	\sqcup	+		4
47	17U15A0133	AP	P	ρ	2	P	\perp	Ц	\perp	Ц	1	Ц	Ц	\perp	Ц	1		\perp	Ц	1	1	Ц	-	\sqcup	1	\sqcup	4	1	Ц		$\!$	+
48	17U15A0134	PP	P	ρ	P	P		Ц	\perp	Ц	\perp	Ц	Ц	1	Ц	1	Ц		\sqcup	1	1	\sqcup	1	Ц	\perp	Ц	\perp	\bot	\square	+	#	4
49	17U15A0135	PP	P	P	A	Р	4	Ц	\perp	Ц	┸	Ц		╀		1	Ц	4	Ц	4	\downarrow	Ц	\perp		4	\sqcup	4	+		\downarrow	$\!$	4
50	17U15A0136	PA	P	P	Р	Р	_	Ц	\perp	Ц	1	Ш		\perp	Ц	1	\downarrow		Ц	4	\perp		╀	Ц	\perp	Ц	4	+	Ц	\downarrow	$\!$	4
51	17U15A0137	DP	P	Р	P	A	\perp	Ц	1	Ц		Ш	Ц.	\perp	Ц	1	Ц		Ц	4	╀	Ц	_	Ц	+		4	+	Н	\downarrow	#	4
52	17U15A0138	AP	P	P	P	P		Ц	┸	Ц	4	Ц	\perp	퇶	Ц	4			Ц	4	1	Ц	\downarrow	Щ	4	Ц	Ц.	+		\downarrow	$\!$	41
53	17U15A0139	PP	P	Р	P	Ρ	\perp	Ц		Ц	_ _	Ш	\perp	L	Ц	1	┸		Ц		╀	Ц	╄	Ц	4		Н	1	Ц	\downarrow	$\!$	4
54	17U15A0140	PP	P	A	P	P	\perp	Ц		Ц	1	Ц	\perp	L	Ц	_		Ц	Ц	4	1	Ц	╄	Ц	4	Ļ	Щ	1	Ц	<u> </u>	4	4
55	17U15A0141	PP	Р	Р	P	Р	\perp	Ц	\perp	Ц	┸	Ц	4		Ц	1	Ļ		Ц		1		\perp	Ц	_	<u> </u>	Щ	╀		╀	$\!$	#
56	17U15A0142	PP	P	P	P	P	┸	Ц		Ц			\perp	L	Ц		\perp	Ц	Ц		\perp	Ц	1	Ц	4	L	Ц	1		\downarrow	4	4
57	17U15A0143	PP	P	P	A	P	\perp	Ц		Ц	╧	Ц	\perp	L	Ш	_		Ц	Ц		\perp	Ц	1	Ц	4	┡	\sqcup	_		\downarrow	#	4
U ₅₈	17U15A0144	PP	P	P	р	A	丄	Ц		Ш	_ _	Ц	\perp		Ц	_	\perp		Ц	Ц	4	Ц	_	Ц	1	L	Щ	\downarrow		╄	$\!$	41
59	16U11A0201	PP	P	P	P	P		Ц		Ц		Ц		L	Ц			Ц	Ц	\perp	\downarrow	Ц	Ļ	Ц	4	_	Ц	1	Ц	╄	#	4
60	16U11A0202	PP	P	P	P	A		Ц		Ц		Ц	\perp	L	Ц	_		Ц	Ц	\downarrow	1	Ц	1	Ц	1	<u> </u>	Ц	1	Ц	╄	\coprod	4
61	16U11A0203	AP	P	Þ	P	P	┸	Ц		Ц	_	Ц		L	Ц			Ц	Ц		\downarrow	Ц	1	Ц	4	L		_	Ц	\downarrow	$\!$	4
62	16U11A0207	PP	P	P	P	ρ	┸	Ц		Ц	⊥	Ш			Ц		\perp	Ц	Ш	\perp	1	Ц	\downarrow	Ц	4	╙	Ц	1	Ц	\downarrow	#	Щ
63	16U11A0208	PP	P	P	P	ρ	丄	Ц		Ц		Ш		L	Ц		┸	Ц	Ц	Ц	1	Ц		Ц	1	L	Ц	╀		\downarrow	$\!$	4
64	16U11A0210	PP	р	P	P	P	丄	Ц		Ш		Ц			Ц	1	L		Ц	Ц	1	Ц	_	Ц	1	L	Ц	╀	Ц	\downarrow	$\!$	Щ
65	16U11A0212	PP	P	P	A	ρ			\perp	Ц		Ц	\perp	L	Ц	1	L	Ш	Ц	Ц	1			Ц	\perp	L	Ц	\perp		╀	$\!$	Ш
66	16U11A0213	PP	P	P	P	P						Ш	\perp		Ш			3	Ц				\perp	Ц	\perp	<u> </u>	Ц	\perp		\perp	$\!$	Ш
67	17U15A0201	PP	Ð	P	P	Р						Ш			Ц				Ш		9			Ц	_		Щ	\perp	3	\downarrow	\coprod	Ш
68	17U15A0202	PP	P	P	P	P		\prod											Ш		1	Ц		Ц		12.5	Ц	1	;	\perp	Ц.	1
69	17U15A0203	A P	p	Р	A	Р			\prod		\prod													Ш		L	Ш	\perp	Ц		\coprod	
70	17U15A0204	PP	P	P	P	A	T		\prod				\prod									\prod		Ц	17		Щ	1	Ш	\perp	Ţ	
71	17U15A0205	PP	P	Р	P	P		\prod	\prod		T	П				T		1	Г								1					
72	17U15A0206	PP	P	Р	P	P		П	T		-1	Γ				T																
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73	17U15A0207	PP	P	A	Р	P	1					L		<u>r.</u>		2	4	r	1		r	P	n.			1	I		1		1
74	17U15A0208	PP	Р	Р	P	A	\prod			\prod				\prod			П					Ш	\perp	Ш		\perp	Ц	\perp	\coprod	\perp	\perp
75	17U15A0209	PP	P	P	P	P			1	Щ		Ш		Ц	_		Щ					Ц		Ц	_	4	Ц	4	11	Ш	\perp
76	17U15A0210	PP	P	Р	P	P								Ш					Ц		Ц	Ц	1	Ц	Ц		Ц	4	Щ	\perp	\perp
77	17U15A0212	PP	Ð	P	P	Ρ		L	Щ	Щ	┸	Ц	Ц	Ц	\Box	1	Ц	1	Ц	1	Ц					1	Ц	\downarrow	$\downarrow \downarrow$	Ш	4
78	17U15A0213	PP	P	P	A	P	_	L		Щ	1	Ц	Ш	Ш		╀	Ц		Ц		Ц	\perp			Ц		Ц	4	\coprod	\perp	ot
79	17U15A0214	AP	P	P	P	Р	\perp			\coprod		Ц	Щ	Ц		╀	Ц	<u> </u>	Ц	1	Ц	\perp	Ц.	L	Ц	4	Н	4	\bot	╜	4
80	17U15A0215	PP	P	A_	P	Ρ			Щ	Щ	_		Ц	Ш		_	Ц	Щ	Ц	1	Ц	\perp		\perp	Ц	4	Н	4	\sqcup	\bot	\vdash
81	17U15A0216	PP	P	P	Ρ_	Α	\perp	L	_	Щ	1	Ļ		Ц		\downarrow	Ц	Ц.	Ц	+	Ц	\perp	4			4	\dashv	4	11	4	H
82	17U15A0217	PP	P	P	P	Р	\perp		Щ	Щ	1		Ц	Ц		1	\perp	4	Ц	-	Ц	Ľ	_	\perp	Ц	4	\coprod	_	₩		Ц.
83	17U15A0218	PP	Ρ	<u>P_</u>	P	P	\perp	L	Щ	Щ	4	\perp		41		\bot	Ц	Ц_	Н	+	\sqcup	\vdash	Щ.	╄-	H	4	Н	+	₩	44	\dashv
84	17U15A0219	PP	P	P	Р	Р		L	Щ_	\coprod	4	╀	\sqcup	Н		\bot	Ц	\vdash	-	+	Н	╀	4	-	Н	+	+	+	┿	4	$oxed{+}$
85	17U15A0220	p'A	P	P	P	P	\perp	\vdash	Щ.	#	4	1	\coprod	\coprod	Ц	_	\sqcup	-	$\!$	+	Н	+	#	+	dash	+	H	+	$\dashv \dashv$	+	${f H}$
86	17U15A0221	PP	P	P		P	1	<u> </u>	Щ.	#	4	1	\coprod	\sqcup		\perp	L	oxdapprox	$\!$	+	\sqcup	+	\parallel	+	\dashv	+	H	+	₩	+	H
87	15U11A0302	P	P	P	A	P	\perp		\parallel	#	4	\perp	\sqcup	\bot		+	L	oxdot	\coprod	+	\square	1	1	+	H	4	+	4	++	+	${oldsymbol{ec{H}}}$
88	15U11A0323	PP	P	<u>P</u>	P	A	_	L		#	4	-	\coprod	\sqcup	Ц	+		Щ.	₩	+	4	\vdash	$oxed{+}$	+	H	+	H	+	₩	+	+
89	16U11A0301	PP	P	P	Р	P	4			#	+	\perp	H	-	-	+	L	H	H	+	\dashv	+	H	╀	H	+	H	+	╀┩	-	${\mathbb H}$
90	16U11A0302	PP	ρ	P	P_	Р	4	igspace	-	\coprod	4	╀	-	\perp	Н	+	L	-	-	- -	Н	╀-	-	+	H	+	\dashv	+	₩	+	┝
91	16U11A0303	PP	P	P	Р	р	_		4	₩	+	╀	H	$oldsymbol{+}$	Н	╀	_	H	₩	╬	\vdash	╀	H	+	\vdash	+	\dashv	+	₩	╬	┢
92	16U11A0304	PP	P	P.	P	P		\sqcup		#	4	╀	-	$oldsymbol{\perp}$	Н	+	H	\vdash	╫	+	-	╀	-	╀	H	+	+	+	++	+	╁
93	16U11A0306	AP	ΙĎ	Ď	P	ρ	+	Н	+	╫	+	╀	H	$oldsymbol{+}$		+	-	₩-	₩	+	\dashv	╀	H	+	₩	+	+	+	++	+-	\vdash
94	15U11A0307	PP	P	Б	P	P	-	\sqcup	-	₩	+	╄	H	+	Н	╬	-	╀	╬	+	-	╀	-	+	Н	+	+	+	┿┤	+	dash
95	16U11A0308	PP	P	P	P	-1		\sqcup	+	\coprod	+	╀	\vdash	\perp	Н	+	┡	╀	╫╴	+	\dashv	╀	H-	╀	Н	+	╢	+	╬	+	╁
96	16U11A0309	PP	P	A	A	P	+	Н	+	╫	+	+	╀	+	H	+	H	╀	₩	+	\dashv	╀	╟	┿	Н	+	H	+	╁┽	-	Н
97	16U11A0310	PP	P	P	P	Ρ	+	Н	+	╫	+	╀	H	╄	H	+	H	-	₩	+	\dashv	╀	H	┿	╂┤	+	Н	+	+	╬	H
$\bigcirc \frac{98}{98}$	16U11A0311	PP	A	7	P	Þ	+	\square	+	╫	+	╀	- -	╀	Н	+	\vdash	H	₩	+	┥	╀	╟	╀	Н	+	H	+	╆	╫	H
99	16U11A0314	AP	P	P	P	P	+	╌╢	-	₩	+	╀	${\mathbb H}$	+	Н	-	-	╫	╫╌	+	\dashv	╀	H	+	H	+	H	+	+	十	\vdash
100	16U11A0315 16U11A0316	PP	1 1	<u> </u>	P	A	+	H	+-	╫	+	╁	H	╀	Н		H	╫	₩	+	-	╁	╫	╁	╂┤	+	Н	+	╁┼		H
101		PP	ן ן	Ķ	4	P	+	╂┤	+	#	+	╁	${\mathbb H}$	+	H		\vdash	╫	╫╴	+	\dashv	\vdash	╫	+	╂┤	╬	+	+	╫	+	\forall
102	16U11A0317	PP		P	P	P	+	╀┤	+	₩	+	+	+	+	H	+	-	┼├╴	₩	+	\dashv	+	╫╴	+	╁┤	+	\forall	+	+	+	H
103	16U11A0318	PP	A		A	5	+	╢	+	₩		+	H	╁	H		_	H	#-	╫	\dashv	-	+	+	H	+	+	+	++	+	┢
104	16U'1A0319	PP	P	ρ	P	P	+	H	+	₩	+	+	╀	+	Н	+		+	╫	+	+	+	╫	+	╁┤	+	H	+	++	+	\forall
105	16U11A0320	PP	P		5	5	+	H	+	╫	+	+	H	+	\dashv	╫		╟	╫	\mathbb{H}	-	+	H	+	╁	+	+	H	+	+	H
106	16U11A0321	PP	p	p	<u>P</u>	PP	+	H	+	H	+	+	H	+	H	╢		╫	╫╴	+	\dashv	+	₩	+	╫	+	+	\dashv	+	+	H
107	16U11A0322	PP	P	P	A		+	╁	+	₩	+	╀	╫	+	H	╫		╂╴	╫	+	-	\vdash	╫	+	H	+	+	H	++	+	H
108	16U11A0323	PP	P	P	P	A	+	₩	+	╫	+	+	H	╁	H	$-\!$		╫╴	╫	\mathbb{H}		-	₩	+	╂┤	+	+	${}$	+	+	\forall
109	17U15A0301	PP	P	Ď	P	2	+	H	+	╫		+	H	+	H	-#		\vdash	╬	$+\!$	\dashv	╁	╫	+	╂┤	╬	+	\vdash	++	+	H
110	17U15A0302	PA	P	P	ρ	Б	+	H	+	H	+	+	H	+	H	#	_	╫	-	╢	\dashv	+	╫	+	H	╬	-	H	+	+	$oldsymbol{ec{ec{ec{ec{ec{ec{ec{ec{ec{ec$
111	17U15A0303	PP	Þ		p	Р		╀╀	- -	₩	+	+	\vdash	+	H	#		₩.	╀	<u> </u>	-	\vdash	-	+	╂┤	+	+	${\mathbb H}$	+	- -	arphi
112	17U15A0304	PP	1	P	P	p	- 1	H	+	4	4	+	\square	╀	Ц	+	_	_	-	+			Ė	+	<u>' </u>	+	+	4	-		₽
113_	17U15A0305	PP	<u> </u>	A	P	P	1	<u> </u>			1910		<u>' </u>	<u> </u>	<u></u>	\perp			L							4					上
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114	17U15A0306	PI	2	P	P	P	A		T	Ī	Ī				1		T	r	F		r		Ţ				1	T	\prod	r	Γ		1		Tr
115	17U15A0307			P	P	P	P						Ţ																						
116	17U15A0308	Pi	P	P	A	P	Р	П	T	Т	П		T		П		T	Г		T	Γ	П	1	Γ	П	7	T	T	\prod	Т	Г	П	T	T	T
117	17U15A0309	P	4	P	P	A	Р				П									T					П	7			П	T		П			П
118	17U15A0310	P	P	ρ	P	P	P										T			Ι									П						\prod
119	17U15A0311	P	P	P	P	P	A			T	П		T				Τ			Ţ			Τ			T	\Box			Τ		\prod			\prod
120	17U15A0312	P	P	P	P	P	P				П			,	:				П	T		П			П				П	T.				T	\prod
121	17U15A0313	P	P.	P	ρ	·P	P							Τ		-	T,		П	T		П	T				T		П	Τ		П			\prod
123	17U15A0314	PI	9	P	P	₽	Р		Ţ			\Box	T	T			L			T			T				\Box	Γ	\prod			\prod			\prod
124	17U15A0315	PI	P	P	P.	ΙP	P		Т	Τ	П		T	Τ		7	T		П	T	Π		T	Г	П	T	T	Π	П	Т	Γ	П	T	Т	П
25	17U15A0316	AI	Ρ	Р	P	P	P	4	T	T			Т		П		Т	П	П	T	Γ	П	Т	Г	П		Т		П	T	Γ	П			П
126	17U15A0317	PI	P	P	A	ρ	8_			7	-		:	Τ.	П		Т	П	П	T	Γ	П		Г	П				П	T		П			\prod
127	17U15A0318	PI	P	P	P	A	Р				П		T	T	П	1	-	Π		T	Γ	\sqcap		Г	П	1	1		П	T		П	T		\prod
128	17U15A0319	P	Ρ	Р	Р	P	A								П														П			П			\prod
129	17U15A0320	PI	Ρ	P	Р	P	P	\sqcap	T	T	Γ			T	П	7	1		П	T		П		Γ	П			Т	П	7	Γ	П			П
130	17U15A0321	PI	Р	Ρ	P	P	P		1			П	1	T	П	_		П					Ť			_	_		П		T	\prod			11
131	17U15A0322	PI	7	Р	P	P	Ρ	-				П		Τ	П		Т	П					T	П			7		П			П		7	П
132	17U15A0325	A	P	þ	ρ	A	Р		T	,		П	\top	T		1	T	П	Π	Ť	Т	T	T	П	П		\top		П	T	T	П	Т	T	П
133	17U15A0326	1	5	Р	ρ	P	Α			T		П	\top	T	П	T	T	П	\sqcap	Ť	П	T	T	Π			T	Г	П	T		П		\top	П
134	17U15A0327	PI		Ρ	A	P	P			1		П		Τ	П	7	T	П	П	T		П	1	Τ			7		П	1		\prod			П
135	17U15A0328	P	P	P	Ρ	P	P	\exists	T	Т		П	T	Т	П	T	T	П		T	П		Т			T	1		П	T		П	П	\top	П
136	17U15A0329	PF	>	Р	Р	P	P		T	Т		П		Τ	П	Т	Т	П	П	T	П	П	Τ	П			T	Γ	П	Т	Γ	П	П	Т	П
137	17U15A0330	PF	>	Þ	ρ	P	P		Т	Τ		П	Т	Τ	П	T		П	П	T	П		T	П			Т	Π	П	Т	Γ	П	П	Т	П
138	17U15A0331	PA	4	Р	P	P	P		T			П			П	T	Τ	П	\neg	T	П	\sqcap	T	П	T	1	T		П	T	Г	П	П	T	П
139	17U15A0332	PE	7	Ð	Ρ	ρ	Р		T	T		П		Τ	П	7		П	\neg		П	\sqcap	T	П	T	1	T		П	T	Г	П	П	7	П
(140)	17U15A0333	PF	7	ρ	Р	A	P		T	T		П	\top	T	П	T	T	П	\exists	T	П	\exists	T	П		1	T		П	T	T	П	П	1	П
141	17U15A0334	PF	>	P	Р	٩	Δ		T	T		П		T	П	\top	T	П	\exists	Ť	П	\neg	T	П		7	Ť	Г	П	T	Τ	П	П	1	\sqcap
142	17U15A0335	PP	7	Р	Р	P	P		T			П	T	T	П	\top	T	П	7	Ť	П		T	П		7	十		П	Ť	Г	Ħ	\Box	\top	П
142	16M51A0415	PF	5	Р	A)	P	P	1	Ť			T	7		П	十		П	7	Ť	П	寸		П		T	十	Γ	H	T		$\dagger \dagger$	$\dagger \dagger$		\top
144	16U11A0401	PI	7	Þ	P	P	P	\exists	Ť	1			\top		П	1	Τ	П	寸	1	П	7	T	\sqcap	7	\dagger	\top		П	T	Τ	$\dagger \dagger$	$\dagger \dagger$	\top	\prod
146	16U11A0403	PF	7	Р	P	P	P	\dashv	T	+		\sqcap	\top	T	П	1		Ħ	ヿ	+	П	7	\dagger	П	7	\dagger	\top	Г	\sqcap	T	T	\prod	$\dagger \dagger$	\dagger	$\dagger \dagger$
147	16U11A0404	+ + +	>	P	ρ	P	Р		†			I	\top	T	П	\dagger	T	П	\dagger	Ť	П	\dashv	T	Ħ	7	†	\dagger		\top	†	T	\parallel	\top	7	$\dagger \dagger$
148	16U11A0405	PP		A	Р	P	P	┪	\dagger	\dagger		IT	7	T	††	十	T	$\dagger \dagger$	7	Ť	Ħ	7	T	$\dagger \dagger$	7	+	†	П	$ \cdot $	T	T	$\dagger \dagger$		+	\top
149	16U11A0406	PF	-	A	P	P.	P	7	Ť	\dagger		†	7	T	$\dagger \dagger$	+	Τ	Ħ	十	T		寸	T		7	†	†	П	\top	T	T	$\dagger \dagger$	$\dagger \dagger$	\dagger	$\dagger \dagger$
150	16U11A0407	PI	\rightarrow	b	ρ	Р	P	\dashv	Ť	\dagger	_		\dagger		$\dagger \dagger$	╁	T	$\dagger \dagger$	十	+		寸	T	H	7	†	†	П	\top	t	T	$\dagger \dagger$	$\dagger \dagger$	+	$\dagger \dagger$
151	16U11A0408	AF	\rightarrow	ρ	p	A	5	7	+	\dagger		Ħ	\dashv	T	Ħ	\dagger	T	Ħ	\dagger	†	H	\dashv	\dagger	$\dagger \dagger$	7	\dagger	†	Ħ	+	\dagger	T	††	$\dagger \dagger$	\top	$\dagger \dagger$
152	16U11A0410	1	5	P		P	ρ	7	\dagger	\dagger		廾	\dashv	t	Ħ	\dagger	T	$\dagger \dagger$	\dagger	Ť	H	\dashv	\dagger	H	7	+	†	Ħ	+	十	T	††		\dagger	††
153	16U11A0411	PF	-	p	-	P	A	\dashv	t	\dagger	_	#	十	1	††	†	\vdash	††	+	†	H	7	+	Ħ	7	\dagger	†	H	\dagger	†	+	#	$\dagger \dagger$	\dashv	+
154	16U11A0412	PP	-	D	\rightarrow	P	P	1	\dagger	$\dagger !$		\dagger	\dagger	+	††	+		#	+	+	$\dagger \dagger$	-!	\dagger		1	\dagger	+	Н	\dagger	+	\vdash	Ť	$\dagger \dagger$	\dagger	+
155	15U11A0413	AP		P	5	P	P	\dashv	\dagger	+	_	+	-	+	$\dagger \dagger$	十	+	H	- -	+	\forall	-	+	H	í	+	•		+	_	\vdash	+	$\dagger \dagger$	+	++
156	16U11A0414	PF	-	D	A	P	P		+	+		+	_	-	╫	+	+	₩		\dagger	\dashv	_	\dagger	\dashv	<u>: 1</u>	+		Н	+		+	+	H	+	\vdash
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157	16U11A0415	PP	A	P	P	P		T		ſ		1	1	T	J.		П	ſ			1	T	r.			Ł	1	I	I	ľ	\prod		1	L	
158	16U11A0416	PA	P	P	P	P			П						T			Ι	П	\prod		I							\prod	\prod	\prod			\prod	
159	16U11A0417	PP	P	A	P	P								I																		\coprod			
160	16U11A0418	DP	P	Р	A .	P	П	Τ	П	Т					T				П							\prod				1	<u> </u>	Ш	$oxed{oxed}$		
161	16U11A0419	AP	P	P	P	P							П													П		\perp		Ц		Ш			
162	16U11A0420	ÞP	P	P	Р	A		Ι		\Box			П													Ш				Ц		Ш	\perp		
163	16U11A0421	PP	P	P	Р	P	П	Τ	П	Ţ	Т		П	Ţ			П	T								Ш				Ш	\perp	Ш			
164	16U11A0422	AP	P	P	P	Р			П					T	1		П		\prod					-						Ц	\perp			\coprod	
165	16U11A0423	PA	P	P	Þ	P	П	Τ	П				\prod						П							Ш	-			Ц	\perp	Ц			
166	16U11A0425	PP	P	A)	P	P		T										L				3				Ш				Ц	\perp	Ц	╛	Ш	
O 67	16U11A0426	PP	P	Р	P	D_				1					1						. '		┨	4		Ш				Ш	\perp	Ц	\perp	Ш	
168	16U11A0427	PP	P	A	p	P							П		1			.4	1:				~	2		11	4	\perp	┸	Ц	\perp	Ц	\bot	Ш	
169	16U11A0428	PP	P	ρ	Ą	Р									;		1	<u>. </u>	Ш		1	1 4			L	Ш	•		\perp			Ш	_	Ш	
170	16U11A0430	PP	P	P	P	P				1		Ĺ	\coprod				\prod		Ш				·		L	Ц				زا		Ш		Ц	-
171	15U11A0431	PP	P	P	٠P	A	2.5	Ŀ				L	Ц				Ш		Ш		╧	\perp	Ц			Ц	3	,	⊥	1		Ш	4	Ŀ	
172	16U11A0433	PP	P	P	P	P			\Box				Щ		1		Ц		Ц				Ц			Ц		\perp	\perp	Ш	\perp	Ц	긔	Ш	11
173	16U11A0434	AP	P	P	P	P			Ц				Ш				Ш	┸	Ш		1		Ш		L	Ц		\perp	\perp	Ш	\perp	Ц	\perp	Ш	
174	16U11A0435	PP	P	P	Р	P	Ц		Ш				Ц	\perp			Ц		Ц		\perp	╧	Ц		_	Ц		\perp	_		\perp	Ц	\perp	$oxed{igsquare}$	Ц
175	16U11A0436	PP	P	P	р	P		L					Ц		\perp	L	Щ	\perp	Ш				Ц		┸	Ц		\perp	\perp	Ш	\perp	Ц	\perp	Ш	
176	16U11A0437	PP	P	ρ	A	P			Ш				Ц				Ш	\perp	Ш			\perp	Ц	Ц		Ц		\perp	┸	Ш	\perp	Ц	\dashv	Ш	
177	16U11A0438	PP	P	p	P	P		L	Ц			L	Ц				Щ	\perp	Ц			\perp	Ц		L	Ц		\perp		Ш	\perp	Ц	\perp	Ш	
178	16U11A0439	AP	P	P	Р	P							Ц				Ш		Ц			\perp	Ш			Ц		\perp	_			Ш	_	Ш	
179	16U11A0440	AP	P	P	Р	ρ							Ц				Ш	┸	Ш							Ц			\perp		\perp	Ш	\sqcup	Ш	
180	16U11A0441	PP	P	P	P	A											Ш		Ш							Ц		1			\perp	Ц	╝	Ш	
181	16U11A0442	PP	P	P	P	Р											Ш	1-	Ш		\perp					Ш						Ц	\sqcup	Ш	
(182	15U11A0444	PP	P	P	A	P											Ш					⊥				Ш			L		\perp	Ц	\sqcup	Ш	
183	16U11A0445	PP	P	P	P	P											Ш					┸				Ц			L		\perp	Ш			
184	16U11A0446	PP	P	P	P	P											Ш									Ц	\sqcup		\perp	L	\perp	Ш	Ц	Ш	
185	16U11A0447	PP	P	Р	P	A		П		\perp											I	ľ								L	L	Ш			
186	16U11A0448	PP	P	A	P	Р											Ш	L				\perp			1_	Ш		1		L	\perp	Ц	\Box		
187	16U11A0453	PP	4)	P	Р	ρ		\prod		T							Ш											1						Ш	
188	16U11A0454	AP	þ	P	P	0		П		Т	П		П			Γ	П	Τ	П																
189	16U11A0455	PA	p	P	P	Р		\prod		T	\prod			T		Γ	\prod	T	П		T	T	Γ		Γ										
190	16U11A0456	PP	p	À.	P	Р		\prod			П								П		Τ	T							T			П			
191	16U11A0457	PP	p.	P	A	ρ		П	T	T	\prod		\prod	T	\neg	Π	\prod	T	П							П						П	\Box	П	
192	16U'1A0458	PP	P	ρ	P	A	\top	\prod		T	\sqcap		\prod	Ť	\top		\prod	T	\prod		T	T				П						П	\Box	П	
193	16U11A0459	PP	P	Р	P	Ъ	+	Ħ	\dashv	1	$\dagger \dagger$		T	\dagger	\forall	1	\parallel	T	П	1	Τ	T	П		T	П		\top	7			\prod		П	
194	16U11A0460	PP	þ	Р	P	Р		\prod	\dashv	T	\prod		П	\dagger	1	Г	T	1	П		T	1			T				T	Г	$\ $	T	\exists	П	
195	16U11A0461	PP	G	P	Р	P		77	7	1	$\dagger \dagger$			†	1		1	T	77	7		T	T	. :		П	•	1	T		T	П	\Box	П	
196	16U11A0462	PP	p	P	P	P	\top	$\dagger \dagger$	\dashv	+	†			\dagger		T	$\dagger \dagger$	+	1.		1		П			П		1	T	Г	T			Т	
197	16U11A0463	PP	P	A	P	P		Ť	1		T			\dagger		T	Ϊ		T	7		†					- 1	\top			T	7		T	
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

198 16U11A0464 P P P A P P A P P A P P										•									_	_	_			_					_			_		
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201 IGUI1A0467 P P P P P P P P P	199	16U11A0465	PP	P	A	P	Р					1	;		1	Ĭ	Γ]:								I		\prod		\prod	T		
202 16U11A0468 A P P P P P P P 203 16U11A0470 P P P P P P P P 204 16U11A0470 P P P P P P P P 205 16U11A0471 P P P P P P P P P 206 16U11A0472 P P P P P P P P P 207 17U1SA0402 P P P P P P P P P 208 17U1SA0402 P P P P P P P P P 209 17U1SA0403 A P P P P P P P P P 210 17U1SA0405 P P P P P A P P P P P 211 17U1SA0406 P P P P P P P P P P P 212 17U1SA0406 P P P P P P P P P P P P P P P P P P P	200	16U11A0466	PP	P	P	A	P					1	4		П				ŀ		\cdot			21			1				1		\square	
203 16U11A0469 P P P P P P P P P P P P P P P P P P P	201	16U11A0467	PP	f)	Р	Р	P						1					; -	ŀ		^			<u>· </u>		Ш		Ш			Ш			
204 16U11A0470 P P P P P A P P A P P P A P P P A P P P P P A P	202	16U11A0468	AP	P	Р	Ρ	Р							L	Ц		L	Ц	\perp	Ц		\perp	Ц	\perp	L	Ц	\perp	Щ	\perp	\perp	Щ	\perp	Ш	
205 16U11A0471 P P P P P P P P P	203	16U11A0469	PP	P	P	P_	Р					Ш			Ш			Ц		Ш					\perp	Ц	\perp	Щ	_	_	Щ		Ц	
206 16U11A0472 P P P P P A P P A P P	204	16U11A0470	PP	P	P	A	P			Ŀ	L	,		L			L	Ц		Ц			Ц		1	Ц			\perp	ļ	Ц	\bot	Ц	
207 17UISA0402 P P P P P P P P P P P P P P P P P P P	205	16U11A0471	PP	P	ρ	P	Р	Ш			L	11	Ŀ	L	Ц	_ :	L	2	\perp	Ц	:		Ц		\perp	Ц	1	Щ		_	Ц		Ц	
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209 17U15A0404 P P A P P P P P P P P P P P P P P P P			PP	P		P	P	Ш		_[:			_ֈ	_	Ŀ	\perp	┸	Ц	1	Ц		<u> </u>	Ц	1	\perp		_		\perp	1	Ц	4	Ц	\perp
210 17U15A0405 P P P P P A P P P P P P P P P P P P P	O 08		AP	P	ρ	P	P	Ш				!		L	1	_	<u>. </u>	IJ		Ц	1	╽;	Ц				4],	\Box	1	1	4	Ц	1
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212 17U15A0407 A P P P P P P P P P P P P P P P P P P			PP	P	P	Α	\rightarrow	1			1				H	\perp	<u> </u>	11	1	Ц	2.	<u> </u>	Ц	1		Ц	1	4	Ц	1 :		_		
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214 17U15A0409 P P P P P P P P P P P P P P P P P P P			AP	P	P	Р	Р	Ш			L	\coprod	1		Ц		L		\perp	Ц	<u> </u>	<u> </u>	Ц	\perp	1	Ц		\perp	Ц	\perp	Щ	_	Ш	
215 17U15A0410 PPPPPAAP 216 17U15A0411 PPPPPAAP 217 17U15A0412 PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	213	17U15A0408	AP	P	P	P	P	Ш			L	Ш	\perp		Ц		L	Ц		Ш	٠,	1		_	ŀ	Ц	1		Ц	\perp	H	\bot	Ш	1
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217 17U15A0412 P P P P P P P P P P P P P P P P P P P	215	17U15A0410	PP	Р	ρ	Р	٨								Ц		┖	Ц		Ш	\sqcup		Ц			Ц	\perp		Ц	\perp	Щ			
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219 17U:5A0414 P P A P P P P P P P P P P P P P P P P	217		PP	P	P	P	Р								Ш											Ш	\perp	\perp	Ц	\perp	Ш	\perp	Ш	\perp
220 17UI5A0415 P P P P P P P P P	218	17U15A0413	PP	P	P	Ð	ρ								П			Ш		Ш						Ц			Ц	\perp	Щ	\perp	Ш	\perp
221 17U15A0416 P P P P P P A P 223 16U11D5801 A P P P P P P P P 224 16U11D5802 P P P P A P P 225 16U11D5803 P P P P P A P 226 16U11D5804 P P P P P A P 227 16U11D5805 P P P P P P P P 228 16U11D5806 P P P P P P P 229 16U11D5807 P P P P P P P 230 16U11D5808 A P P P P P P P 231 16U11D5808 A P P P P P P P 232 16U11D5809 P P P P P P P 233 16U11D5810 P P P P P P P 234 16U1D5811 P P P P P P P 235 16U11D5812 P P P P P P P 236 16U1D5813 P P P P P P P 237 16U1D5813 P P P P P P P 238 16U1D5814 A P P P P P 237 16U1D5815 P P P P P P 238 16U1D5816 P P P P P P 239 16U1D5816 P P P P P P P 230 16U1D5817 P P P P P P P 231 16U1D5818 P P P P P P P P 232 16U1D5818 P P P P P P P P P P P P P P P P P P	219	17U15A0414	PP	A	Р	₽	Р								П		L				Ц	\perp	Ш	Ш	L	Ц	┙			\perp	Щ	\perp	Ш	
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224 16U11D5802 PPPPPA 225 16U1D5803 PPPPPA 226 16U1D5804 PPPPPA 227 16U1D5805 PPPPPP 228 16U1D5806 PPPPPP 229 16U1D5807 PPPPPP 230 16U1D5808 APPPPPP 231 16U1D5809 PPPPPPP 232 16U1D5810 PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	221	17U15A0416	PP	Þ	P	A	р			П							L	П												丄	Ш		Ш	Ш
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226 16U11D5804 P P P P P P P P P P P P P P P P P P P	224	16U11D5802	PP	P	A	Р	ρ	П		Π	Г	П	Т	Г	П	\exists	L	П												\perp	Ш			
226 16U11D5804 P P P P P P P P P P P P P P P P P P P	225	16U11D5803	PP	P	P	P	٨	П		П	Γ	П	Т	Γ	П	Т	Γ	П												\perp	Ш			
228 16U11D5806 P P P P P P P P 229 16U11D5807 P P P P P P P 230 16U11D5808 A P P P P P P P 231 16U11D5809 P P P P P P P P 232 16U11D5810 P P P P P P P 233 16U11D5811 P P P P P P P P 234 16U11D5812 P P P P P P P P 235 16U11D5813 P P P P P P P 236 16U11D5814 A P P P P P P 237 16U11D5815 P P P P P P 238 16U11D5816 P P P P P P P	226	16U11D5804	PP	P	ρ	A		П		П	Γ	П	T		П	\exists	Т	П	T	П		I			1			Τ			\prod			
229 16U11D5807 P P P P P P P P P P P P P P P P P P P	227	16U11D5805	PP	P	P		Ρ			Т	Г	П		Γ	П	П	1	П	T			Τ	П		T	\prod	Т	Τ		Т.	П			
230 16U11D5808 A P P P P P P P P P P P P P P P P P P	228	16U11D5806	PP	Р	P	-				T		\prod			\prod			\prod												T	\prod			
230 16U11D5808	229	16U11D5807	PP	P	ρ	P	D			\parallel	Γ	\prod	\top	Г	\prod		Τ	\prod				T	П			П	T	T	П	Τ	П		П	
231 16U11D5809 P P P P P P P P P P P P P P P P P P P	230	16U11D5808	4 P	Р	ρ	_	,			\parallel	T		十		11	\top	T	\prod				T				П		\top	П	T	П	\top	П	
232 16U11D5810 P P P P P P P P P P P P P P P P P P P		16Ui1D5809		-	р			\top	_	#	Γ	$\dagger \dagger$	1	Γ	$\dagger \dagger$	\top	Τ	\prod	\uparrow			Ť	П		T	П	1	7	П	T	\prod	\top	П	
233 16U11D5811 PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP		16U11D5810	1	A	P	_		$\dagger \dagger$		#	T	\parallel	\dagger	Γ	$\dagger \dagger$	7	T	\parallel			\sqcap	Ť	П		T	П	\top	\top	П	T	\prod	寸	П	T
234 16U11D5812 P P P P P P P P P P P P P P P P P P P			 	4.00	р			$\dagger \dagger$		\dagger	T	$\dagger \dagger$	+	Г		1	T	\parallel	1		\sqcap	\dagger	П	\sqcap	\dagger	П	1	1	П	1	\prod	\top	\prod	
235 16U11D5813 P P P P P P P P P P P P P P P P P P P				p	A		-	+	_	\dagger	T	$\dagger \dagger$	\dagger	\vdash	$\dagger \dagger$	7	T	$\dagger \dagger$	+	\dagger	\Box	\dagger	П		†	П	\dagger	\dagger	П	十	\parallel	\top	\prod	十
236 16U11D5814 A P P P P P P P P P P P P P P P P P P				_	_	_	-	$\dagger \dagger$		╫	T	$\dagger \dagger$	-	T	Ħ	\dagger	T	$\dagger \dagger$	\dagger	T	\sqcap	T	П	\dagger	T	П	+	1	П	十	\parallel	\top	П	
237 16U11D5815 P P P P P P P P P P P P P P P P P P P					 			+1		#	T	$\dagger \dagger$	+		$\dagger \dagger$	寸	1	$\dagger \dagger$	\dagger	T		+	П		1	П	1	1	П	1	\prod	\top	\prod	
238 16U11D5816 P P P P P P P P P P P P P P P P P P P			$\overline{}$	P	p	_	_	+	_	╫	T	#	_		\prod	\top	1	$\dagger \dagger$	\top	+		+	П	2	†	П		1	\prod	1	$\dagger \dagger$	\dagger	H	\top
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241	16U11D5819	PP	P	P	P	Α		Γ	П		П					-	- 0									i	Ŷ	1.			•.5	1		
242	16U11D5820	PA	ρ	A	₫P	P								1		: :		· - :				**	1					-						
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244	15QN1A0515	PP	P	P	P	P			\prod	‡:				2			=		1 12	2	31		-	1	Ш									Ш
245	166Z1A0502	PA	A	ρ	P	P		4	\coprod	Ê	П		1	Ŀ	\perp	-			:					L	Ц	. :	1		L	-	1	-	i a	Ш
246	166Z1A0504	PP	p	P	P	P	1						:	1					. 2''				L		Ы				Ц	9			\perp	Ш
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249	166Z1A0513	PP	P	P	p	p					F ,		L	2	\perp										L	Ŀ			1				> 1	Ш
50	166Z1A0515	PA	P	P	P	Р			1				υ,	ŧ		, ,				-			ુ	1.	Ц			G			1 A		į.	Ш
251	166Z1A0516	PP	P	P	P	P						1			٠.	-											an C				-5 -0 -1	÷ = =		П
252	166Z1A0518	PP	P	A	ρ	ρ					П						Ш						-	7				1		:	i, ji		a :	Ш
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255	166Z1A0522	PP	P	P	A	P			12.7	, A							Ш	73	1				F			1		1	Ц	\perp		Ц	\perp	Ш
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258	16U11A0502	PP	P	P	Р	A		5				d.					П		L											100				П
259	16U11A0503	PP	P	A	P	Р				ŀ															Ш							Ц	\perp	Ш
260	16U11A0504	PP	P	P	P	P					П											П			Ш			\perp				Ц	\perp	Ш
261	16U11A0506	PP	P	P	A	P																			Ш		\perp	\perp	Ц	\perp			\perp	Ш
262	16U11A0507	PP	P	P	P	A					Ш								L			Ш			Ш		\perp	1	Ц	\perp	\perp	Ц	\perp	Ш
263	16U11A0510	PP	A	P	P	P		П		Τ	\prod																	1	Ц	\perp		Ш		Ш
264	16U11A0512	PP	P	P	P	P				Γ				П											Ш			\perp		\perp	1			Ш
265	16U11A0513	PP	P	Р	P	P		П																		-	ŀ		Ш			Ш		Ш
266	16U11A0517	PP	P	P	P	Р	Т	П	П	Π	П	Т	Г	П							T				П		I			floor				\prod
267	16U11A0519	AP	P	P	P	Р		П	Т		П	Т	Г	П	Т		П						T		\prod		T	T		\perp	T	\prod		\Box
268	16U11A0520	PP	P	P	Ф	A		П			П		Г	П	T	Г	П		T	П	T				П		I	T		$oxed{oxed}$	\mathbf{I}	\Box	\perp	$ lab{1}$
269	16U11A0521	PP	P	P	P	P	T	П			П			Π	Т	Τ	П	Т	L			П			П		I	Ι		floor				\mathbf{I}
270	16U11A0522	PP	P	P	D	p	\top	П	T	Г	П	\top	Г	Π	Т	Т	П	Т	Τ	П	T	П	Τ		П		T	Τ	П		\prod_{i}	\prod		П
271	16U11A0523	PP	A	P	Р	Р	\top	П	7	Γ	П		Г	Π	Т	Т	П	Т		П	Τ	П	T	Т	П		T	Τ	П	T	T	П	Τ	П
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

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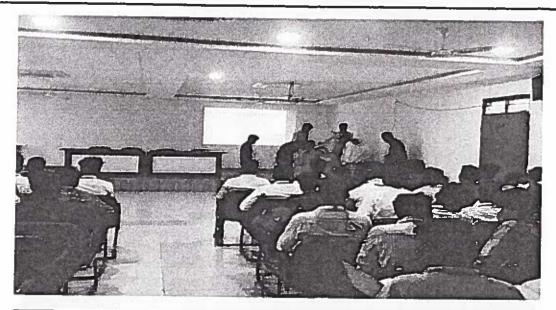
Head Training & Placement

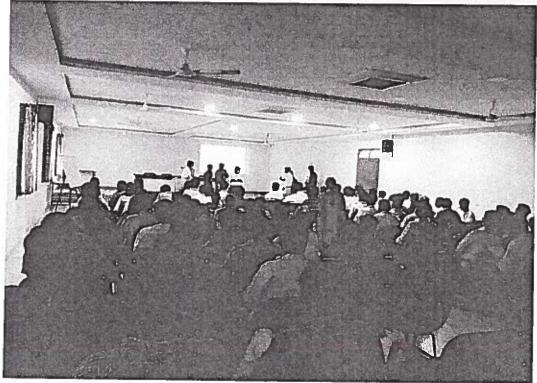
PRINCIPAL



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Kondapur(V), Ghatkesar(M), Medchal(Dist)





Head Training & Placement

Gamskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist. PRINCIPAL



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

REPORT

DATE: 03/08/2018

NAME OF THE PROGRAMME: CRT

DATE: 23/07/2018 to 30/07/2018

TIMINGS: - 10:30AM to 03:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE, PGECET and other Competitive exams.

Process: As per the direction given by the management, the Training & Placements Department has conducted CRT Classes from 23/07/2018 to 30/07/2018 at 10:30AM to 03:30PM.

Students are taught different subjects like:

- 1) Soft Skills
- 2) Social Skills Training Course Content:
- 3) Reasoning and Quantitative Aptitude.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list III B.Tech Civil students who participate in GATE, PGECET and other also enclosed.

Head Training & Placement

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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

Date: 03/12/2019

All the students of B.Tech III year are informed that the Department of Civil Engineering is conducting "GATE COACHING CLASSES" scheduled from 09/12/2019 to 11/01/2020 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names at office of HOD-CE on or before 07/12/2019.Schedule for GATE coaching classes will be issued soon.

Note:- Bus route no 07 will ply at 06:30PM from our college premises up to uppal X Road.

C.S.C. Devadary

Copy to:

- 1. Hon'ble-Chairman/Secretary For information
- 2. Principal's Office

IQAC	CE	EEE	ME	ECE	CSE	H&S	MBA	AO	
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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF CIVIL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra: Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

Calculus: Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima; Taylor series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities; Directional derivatives; Line, Surface and Volume integrals.

Ordinary Differential Equation (ODE): First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; initial and boundary value problems.

Partial Differential Equation (PDE): Fourier series; separation of variables; solutions of onedimensional diffusion equation; first and second order one-dimensional wave equation and two-

Probability and Statistics: Sampling theorems; Conditional probability; Descriptive statistics – Mean, median, mode and standard deviation; Random Variables – Discrete and Continuous, Poisson and Normal Distribution; Linear regression.

Section 2: Structural Engineering

Engineering Mechanics: System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.

Solid Mechanics: Bending moment and shear force in statically determinate beams; Simple stressand strain relationships; simple bending theory, flexural and shear stresses, shear centre; Uniformtorsion, Transformation of stress; buckling of column, combined and direct bending stresses.



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Section 3: Geotechnical Engineering

Soil Mechanics: Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Seepage through soils two - dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One- dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.

Foundation Engineering: Sub-surface investigations - Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - Finite and infinite slopes, Bishop's method; Stress distribution in soils -Boussinesq's theory; Pressure bulbs, Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations - dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency,

Section 4: Water Resources Engineering

Fluid Mechanics: Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Conceptof boundary layer and its growth; Concept of lift and drag.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.

Hydrology: Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run- off models, ground water hydrology - steady state well hydraulics and aquifers;

Irrigation: Types of irrigation systems and methods; Crop water requirements - Duty, delta, evapotranspiration; Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable

Section 5: Transportation Engineering

Transportation Infrastructure: Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments.



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Geometric design of railway Track - Speed and Cant.

Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

Highway Pavements: Highway materials - desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid

Traffic Engineering: Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway

Section 6: Environmental Engineering

Water and Waste Water Quality and Treatment: Basics of water quality standards - Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment.

Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.

Air Pollution: Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and

Section 7: Geomatics Engineering

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.

Photogrammetry and Remote Sensing - Scale, flying height; Basics of remote sensing and GIS.

C.S.C. Stradon

Samskelik D. GIPA Logg. & Technology Kondapur(♥), Ghalkesar(M), Medchal (D)



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF CIVIL ENGINEERING DAY WISE SESSION PLAN

	DAY WISE SESSION PLAN
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DAY	Evaluation of define and indefinite antiquale
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DAY	3 Euler-country equations 1stand 2nd order one-demensional conve equation
DAY	4 Stauctural Engineering:
DAY 5	Free vibrations of undamped stor system. Dending moment and show two an statically determinate beams, Simple beauting theory.
DAY 6	Flexural and shear stresses. Unibourn tousion.
DAY 7	Geotechnical Engineering - Soil Mechanics
DAY 8	foundation Engineering.
DAY 9	Water Resources Engineering -
DAY 10	Fluid Mechanics
DAY 11	Hydraulics
DAY 12	Irrigation

Piercipa!



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DA	Y 13	Geotechnical Engineering - Soil Mechanics
DAY		Foundation Engineering.
DAY	15	water Resources Engineering -
DAY	_	fluid Methanics
DAY		Hydraulics
DAY	18	Imigation
DAY	19	Transportation Engineering - Highway
DAY 2	0 1	Transportation Intrastructure
DAY 2	¹ ∤ -	Traffic Engineering
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DAY 23	\ \Vo	ornation of Solal wastes
DAY 24	Gre	postics Francesing?
DAY 25	Tol	welling and togammetric Levelling. al station.
DAY 26	Bas	ic of remote sensing and GIS.

TRAINING COORDINATOR

C.S.C. Deradour

PRINCIPAL CIPE:
Samskruthi College of France & Technology
Kondapur(V). Ghatkesar(M), Medchal (C)

Principal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF CIVIL ENGINEERING LIST OF REGISTERED STUDENTS

	_			UP.	REGISTERED STUDENTS	
	S	NO	L HNO			
	_	_1	17U11A01		NAME OF THE STUDENT BEESU PRASHANTH	
	<u> </u>	2	17U11A01	05	BODA NAVEEN	
	<u> </u>	_3	17U11A01	06	CHEMMALA KALYANTEJA	
	_	4	17U11A010)7	DACHA SRINIVAS	
		5	17U11A010		DADIGE AKHIL	
		6	17U11A010		DASARI PRASHANTH	
			17U11A011		GANDHASIRI MADHU	
			17U11A011		GANGAVARAPU RAVITEJA	Į
_			17U11A011		GIRI SAIKUMAR	I
_			17U11A011.		GUJJULA SANGEETHA	
	1		17U11A0114		GUNDALA MANISHA REDDY	
_	1		17U11A0116	, (KATIPALLY RAJESH	
L	1		17U11A0117	' I.	KOMMA RANJITH KUMAR	
L	_1	4	17U11A0118		KOTA ANIL	
L	1.	5 1	7U11A0122		MODALA HEMANTH	
L	_1	6 1	7U11A0124	+	PEBBATI BHAGATH	
	_17	7 1	7U11A0126	1	RANGA SHIVA KUMAR	
L	_18	3 1	7U11A0127	5	SHAIK USMAN	
	_19) 1	7U11A0128	15	HIVARATHRI NAVEEN	
L	20	1	7U11A0129	S	HIVARATHRI RAMU	
	21	1	/U11A0131	F	ANDI YESUDAS	
	22	17	U11A0132	1Ã	ANOTHURANAS	
	23	17	U11A0134	뉴	ANOTHU PAVAN KALYAN	
Г	24		U11A0135	17	OMMATI VAMSHI KRISHNA	
	25		U11A0136	V	AKKULA PRASHANTH	
	26		U15A0101	A	OTHAKAPU PRADEEP REDDY SUMA	
	27	-	U15A0102			
	28		U15A0103	וח	HARAVATH GANESH	
	29		J15A0104		ONTHAMALLA BALAJI	
	30		J15A0105	CI	KACHARLA GOWTHAM	
			J15A0106	OT.	DISE HRUTHIK	
	32		J15A0106	74.	GULOTH PREM KUMAR	
	33		15A0107	JAI	KKULA VINITHA	
	4			JIL	LOJU VAMSHI KRISHNA	
	T	100	12W010A	KA	TTEKOLA PRADEEP	

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Kondapur(V), Ghatkesar(M), Medchal(Dist)



		10	HNO		NAME OF THE CONTRACT
		<u>35</u>	18U15A01	0	NAME OF THE STUDENT KOLIPAKA BHARATH
		36	18U15A011	1	LAMBA NAGARAJU
		37	18U15A011	2	MAHESHWARAM
	3	38	18U15A011	3	MANIKARAO SAI KUMAR
	3	39	18U15A011		MARTHA SHIRISHA
	4	10	18U15A011	5	NAGATI SREEKANTH
	4	1	18U15A011	5	PALVAI SANTHOSH
	4	2	18U15A011		POTTA SANDHYA
	4.		18U15A0119		SRIPAD SHRUTHI
	4		18U15A0120		SURA MAHESH
	4:		18U15A0121		THATIKONDA
	46		18U15A0122		THATIKONDA ANJALI
	47		18U15A0123		VANKDOTH SATEESH KUMAR
	48		18U15A0124	_ /	VELLANKI HARI CHANDANA
	49		8U15A0125	+,	VILASAGARAM SHRAVAN KUMAR
	50		8U15A0126		DALAGONI SAI KIRAN GOUD
l	51		8U15A0127	+=	BUJUNURU RAKESH REDDY
Ì	52	-	8U15A0128	45	CHANDANA MAHESH
ľ	53	-	8U15A0129	1	CHIPPALAPALLI BHARGAV
ŀ	54		BU15A0130	117	EMADRI SHASHANK
r	55		BU15A0131	K	AMTAM HARSHA VARDHAN
-	56		U15A0131		ATTA RAVI
_	57		U15A0132	K	ONNOJU SHRAVANI
-	58		U15A0134		ELLELA PRUDVI KUMAR
-	59		U15A0134	M	ALVOTH HEMANTH
-	60			M	OTHUKURI CHENNAKESHAV
-			U15A0136	211	RIKONDA GANESH
-	62		U15A0137	TH	EMBARENI KALKIRAM
_			J15A0138	U/	ARTHIKA
-			J15A0139	VA	DLA SANDYA
	64	181	J15A0140	VĀ	NJARAPU RAM SHANKER RAO
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TRAINING COORDINATOR

C.S.C. Devaday.

PRIVCIPIAG!
Samskruthi College of Engg. & Technology
Kondapur(V), Ghatkesar(M), Medchal (D)

Principal



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REPORT

DATE: 11/01/2020

NAME OF THE PROGRAMME: GATE COACHING

DATE: 09/12/2019 to 11/01/2020

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Civil Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

The following subjects taught by the following faculty:

S.No	Name of the subject	Subject expert
1	Geo Technical Engineering	Mr.P.Imran Khan
2	Strength Of Materials	Dr.C.Selin Ravi Kumar
3	Environmental Engineering	Mr.J.Mohan
4	Water Resources Engineering	Mr.J.Rana Prathap
5	FM&HM	Mr.PMB Rajkiran
6	Surveying	Mr.P. Avinash
7	Transportation Engineering	Ms.G Swarna
8	Design Of RCC and Steel Structures	Mr.P.Bikku
9	Engineering Mathematics	Mr.Shashichandar Rao
10	Hydrology	Ms.K.Divya

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list III B.Tech Civil students whose participate in GATE class is also enclosed.

CO-ORDINATOR

HOD .

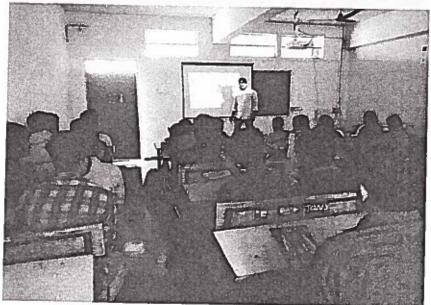


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CO-ORDINATOR

C.S.C. Devadays.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-316 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year Civil students attended for the Academic Year: 2019-2020

SNO	HNO	9/12	10/12	14/,	12/1	13/	14,	<u> [4,</u>	19/2	W ₁₂	h,	19,	21/,	P%.	7,	28),	37.	3).	24.	B/	Ч/,	6/1	7/,	8/,	٦),	10,	17,	7
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4	17U11A0107	P	P	A	P	Ρ	P	P	P	Þ	A	P	P	P	P	P	Á	P	P	P	A	P	P	p	A	ρ	P	†
5	17U11A0108	P	Р	P	A	P	Р	P	P	Ρ	P	A	P	P	P	Þ	P		À	A		P	P		P	P	P	†
6	17U11A0109	P	A	P	P	P	P	ρ	A	P	P	Ρ	P	P	P	P	A	P	P	ρ	_	A	P		P	A	A	†
7	17U11A0110	P	P	P	P	Ρ	Ρ	A	P	P	P	A	P	P	P	p	P	Α	P	P	P	P	Ą	A	Ρ	ρ	9	T
8	17U11A0111	P	P	Ρ	À	Ρ	12	P	A	P	P	P	P.	Ρ	P	P	P	P	A	_	A		P	P	A	P	P	Ť
9	17U11A0112	LP	A	P	P	P	Ρ	P	P	P	P	P	P	P	P	Ρ	Ρ	A	7	A		P	Ρ	P	P	Α	A	T
10	17U11A0113	P	P	P	A	P	P	P	A	P	P	P	P			A		P	P	P	Ρ	A	P	A	P	P	9	Ť
11	17U11A0114	P	P	P	A	Ρ	P	P	A	P	P	P	$\overline{}$	P	_	9	A	р	Р	P	P	Ρ	A	P	A	P	P	†
12	17U11A0116	P	P	P	P	A	P	P	P	A	P	P	P	Р	P	P	P	A	P	A	P	P	P	P	ρ	A	A	Ť
13	17U11A0117	P	P	Ρ	P	Α	P	P	P	P	A	P	Р	P	P	P	A	P	P	P	A	P	ρ	A	P	P	P	Ť
14	17U11A0118	P	P	P	P	РΙ	A	ρ	P	P	P	A	Р	P	P	P	P	A	P	P	P	A	P	P	Α	ρ	P	T
15	17U11A0122	P	A	Р	Р	P	P	P	ብ	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	Р	T
16	17U11A0124	P	<i>.</i> P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	Α	P	P	A	ন	P	À	P	P	A	T
17	17U11A0126	P	P	P	Р	4	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	T
18	17U11A0127	P	P	P	P	2	P	A	P	P	A	P	P	P	P	7	P	A	P	P	2	P	A	P	P	A	P	T
19	17U11A0128	P	P	P	P	Α	P	P	A	P	P	P	P	P	P	P	Á	P	P	A	P	P	P	Α	P	Р	A	Ţ.
20	17U11A0129	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P		P	A	P	P	P	A	P	P	T
21	17U11A0131	P	P	P	P	P	P	A	9	P	A	P	P	P	P	A	গ	P	P	P	p	A	P	Р	P	A	p	T
22	17U11A0132	P	P	P	A	P	P	P	P.	A	P	P	P	P		_	P	A	P	P	P	P	À	A	P	$\overline{}$	A	T
23	17U11A0134	P	4	P	P	P	P	P	A	P	P	P	P	P	P	P	p	P	A	A	P	Р	P	P	\rightarrow		A	T
24	17U11A0135	P	P	A	P	P	ন	A	P	P	P	P	P	P	_	À	12	ρ	_			P	P	Р	-	-	P	T
25	17U11A0136	P	£	P	P	P	P	P	P	A	_	* *	_	$\overline{}$			P	A	_	-	-	À	P	A	P	\rightarrow	P	T
26	18U15A0101	P	P	P	P	Ρ	Ά	P	~	P	2	P	P	P	P			A	_	P	_	P	Ρ	P	A		A	T
27	18U15A0102	P	P	P	P	P	A	P	_	$\overline{}$	p .	A	P	Ρ	P	ብ	P	P	P		$\overline{}$	A	P	P	D	Ā	p	T
28	18U15A0103	P	P	P	P	P	ρ,	A	P	P		_	P	P		_	À	P	Р	P	${}^{\leftarrow}$	-	À	A	p	P	D	Ħ
29	18U15A0104	P	P	P	P	ΡT	P.	ΑÌ	P	n	P	PI	7	P		P	P	À	ρ,	A	\rightarrow	P	P	ρ	ΔÌ	7	A	Ħ
30	18U15A0105	P	P	P	P	7	À	P	Pi	2	A	2	P	P	P	p	-		- "	P	P	A	P	P	P	•	P	Ħ
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34	18U15A0109	Ð		<u> </u>	PI	5	P	-		-	-	└─┤-		-	-		_	-		-	_	5	ᅿ	히	-		P	H
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

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36		P	P	P	P	P	IP.	A	P	LP.	P	P	P	P	IP.	15	P	A	P	P	P	A	P	A	P	9	P
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40		ĬĎ	P	P	P	P	A	P	A	P	P	2	P	IP.	P	14	P	A	P	A	P	P	P	A	P	P	P
41	18U15A0116	15	P	P	A	LP.	P	A	P	2	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	A
942	18U15A0117	P	P	<u>P</u>	7	A	2	P	P	P	A	,	P	P	P	P	P	A	P	ρ	P	A	P	P	P	A	P
43	18U15A0119	P	P	P	-1	P	P	P	A	P	P	9	P	P	P	P	P	P	A	P	A	P	P	Ð	P	P	P
44	18U15A0120	P	A	P	P	P	2	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	Α	ק	P	A	A
45	18U15A0121	Α	P	<u>P_</u>	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P	0
46	18U15A0122	YP.	P	P	P	A	P	P	A	P	9	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	A
47	18U15A0123	P	P	P	P	P	Α	Р	P	A	P	P	LP	P	P	P	P	P	PA	p	P	P	A	ρ	A	P	D :
48	18U15A0124	·P	P	P	P	P	A	P	P	P	A	P	P	P	P	Α	P	Ρ	P	P	P	Α	ρ	9	P	A	þ
49	18U15A0125	P	P	P	A	P	2	P	9	A	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P	0	P
50	18U15A0126	P	P	ρ	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P	A	P	ρ
51	18U15A0127	P	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	Ρ	ρ		A	P	7	_	AI.	4
52	18U15A0128	-1	P	2	P	P	P	P	A	P	P	Ρ	P	P	ρ	P	P	A	Ρ	P	A	P	ρ	λ	-	P	P
53	18U15A0129	P	A	P	P	A	P	P	P	A	P	P	P	P	P	D	P	P	A	À	P	P	7	7	하	A	P
54	18U15A0130	P	P	9	Р	A	P	P	P	P	ρ	A	P	P	P	D	D	A	P	P	P	Δ	P	P	A		0
55	18U15A0131	P	P	P	P	À	P	A	P	P	P	P	P	P	P	7	Þ		A	P	A			P	p	abla	5
56	18U15A0132	P.	A	P	P	P	$\overline{}$	P	P	P	P	P	P	P	Ρ	0	P	A	P	P	P		0	A	P		^
57	18U15A0133	P	P	P	P	P	Р	D.	Ä	P	4)	P	P	P	Ρ	7	A	Ρ	D	6	A	0	P	6	A	<u></u>	ח
C 58	18U15A0134	P	A	P	7	P	P	A	P	P	P	P	P	P	P	0	P	A	P	5	P	A		P			P
59	1&U15A0135		P	P	A	P		$\overline{}$	Α̈́	P	허	P	P	Р	P	D	0	P	A		P	P	5		7	A	A
60	18U15A0136	_~	A	P		A	P	4	p	ゎ	P	P	P	P	P	P	Ά	P	P	P		╼╀╼┼	P	+ +	P	띘,	
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67	18L75A0103		<u>' '</u>	\rightarrow		-1	-	허	+-+				P	P		A	$\overline{}$	P		Ă۱							4
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CO-ORDINATOR

C.S.C. Devalan



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING <u>CIRCULAR</u>

Date: 03/12/2019

All the students of B. Tech III year are informed that the Department of Electrical and Electronics Engineering is conducting "GATE COACHING CLASSES" scheduled from 09/12/2019 to 11/01/2020 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-EEE on or before 07/12/2019. Schedule for GATE coaching classes will be issued soon.

Note: - Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-EEF

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. Notice Board



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability, probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability.

Section 2: Electric circuits

Network elements: ideal voltage and current sources, dependent sources, R, L, C, M elements; Network solution methods: KCL, KVL, Node and Mesh analysis; Network Theorems: Thevenin's, Norton's, Superposition and Maximum Power Transfer theorem; Transient response of dc and ac networks, sinusoidal steady-state analysis, resonance, two port networks, balanced three phase circuits, star-delta transformation, complex power and power factor in ac circuits.

Section 3: Electromagnetic Fields

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

Section 4: Signals and Systems

Representation of continuous and discrete time signals, shifting and scaling properties, linear time invariant and causal systems, Fourier series representation of continuous and discrete time periodic signals, sampling theorem, Applications of Fourier Transformfor continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform

Section 5: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three-phase transformers: connections, vector groups, parallel



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operation; Auto-transformer, Electromechanical energy conversion principles; DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, speed control of dc motors; Three-phase induction machines: principle of operation, types, performance, torque-speed characteristics, no-load and blocked-rotor tests, equivalent circuit, starting and speed control; Operating principle of single-phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance and characteristics, regulation and parallel operation of generators, starting of synchronous motors; Types of losses and efficiency calculations of electric machines

Section 6: Power Systems

Basic concepts of electrical power generation, ac and dc transmission concepts, Modelsand performance of transmission lines and cables, Economic Load Dispatch (with and without considering transmission losses), Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss- Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of overcurrent, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

Section 7: Control Systems

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

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

Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: biasing, equivalent circuit and frequency response; oscillators and feedback amplifiers; operational amplifiers: characteristics and applications; single stage active filters, Active Filters: Sallen Key, Butterwoth, VCOs and timers, combinatorial and sequential logic circuits, multiplexers, demultiplexers, Schmitt triggers, sample and hold circuits, A/D and D/A converters. Section 10: Power Electronics

Static V-I characteristics and firing/gating circuits for Thyristor, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost Converters; Single and three-phase configuration of uncontrolled rectifiers; Voltage and Current commutated Thyristor based converters; Bidirectional ac to dc voltage source converters; Magnitude and Phase of line current harmonics for uncontrolled andthyristor based converters; Powerfactor and Distortion Factor of ac to de converters; Singlephaseand three-phasevoltage and current source inverters, sinusoidal pulse

> Principal Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Meduhal Der



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING LIST OF REGISTERED STUDENTS

1.	17U11A0201	Alakunta Naveen
2.	17U11A0204	CH.Avinash
3.	17U11A0205	Ch Ashwini
4.	17U11A0206	KAPPALA.SAIKUMAR
5.	17U11A0208	M.satya saketh
6.	17U11A0210	Puramolla sushmitha
7.	17U11A0211	Aravind Reddy
8.	17U11A0212	Syed Faizaan Hussain
9.	17U15A0219	Nandigam ashok
10.	17U15A0220	Thammala saikumar
11.	18L75A0212	Chandhu lal
12.	18L75A0215	M vinay kumar
13.	18L75A0218	BANOTH NAVEEN
14.	18L75A0219	Shiva shankar
15.	18L75A0224	Bhattu Jaswanth
16.	18L75A0225	Ashok
17.	18L75A0226	Lavoori Saikiran
18.	18L75A0230	LAVOORI NAVEEN
19.	18U115A0240	Pothkani Shiva Kumar
20.	18U15A0201	A.Srilekha
21.	18U15A0203	Bathini saikumar
22.	18U15A0204	Nishma
23.	18U15A0205	Gaini Shiva
24.	18U15A0206	Gunti Srikanth
25.	18U15A0207	M.PEDDI RAJU
26.	18U15A0208	LEKKITA SHREE NEKKONDA
27.	18U15A0209	Nuthulakanti revani
28.	18U15A0210	P.Vamshi Krishna
29.	18U15A0212	THARMANI SAIGANESH
30.	18U15A0213	Adjarla ajay kumar
31.	18U15A0214	Vignesh
32.	18U15A0215	Anneboina Raju
33.	18U15A0216	A. Manikanta
34.	18U15A0217	BALLA VAMSHI BHARATH
35.	18U15A0218	
36.	18U15A0219	BASWARAJU KARTHIK
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Principal
Samskruti College of Engg. & Technology
Industry (V), Ghalkeser (M), Medanal Die



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37.	18U15A0220	CHITIKELA REVANTH KUMAR
38.	18U15A0222	D S KAUSHIK CHANDRA
39.	18U15A0224	Jatoth. Anusha
40.	18U15A0225	Jupally. Srikanth
41.		Kadiyala Venkata Rama
	18U15A0227	gopalam
42.	18U15A0228	KANNAI Nikhil
43.	18U15A0229	KASAM AKHIL
44.	18U15A0230	Lavudiya Praveen
45.	18U15A0232	M.Prabhu Kiran
46.	18U15A0233	MANPATI SAIRAM

HOD

Principal







DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Engineering Mathematics
DAY2	L'near Algebra
DAY 3	Caluculus
DAY 4	Differential Equations
DAY 5	Vector Analysis
DAY 6	Electrical Circuits, KCL, KVL, Nodal & mesh Analysis
DAY 7	R. L. C. Parametels,
DAY 8	Networksheavens
DAY 9	Transient & Steady State Response's
DAY 10	Euctro magnetic Fields
DAY II	Gauss's Law, Biot-Savaits Lav, Self-d mutual Inductance
DAY 12	Signal's R system's, C.T & D.T. Signal's
DAY 13	Electrical machines

Francipal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DAY 14	Transformes: 1 c Machines, synchronous motors
	synchlonous motors
DAY 15	Powersystems Basics
DAY 16	Transmission Distribution & losses lines & Cables Control system's Copen & Closed boop)
DAY 17	Control system's Copen & Closed loop)
DAY 18	reading, reading compensators, PID
DAY 19	Electrical means rements, Bridges & potentioners
DAY 20	Electrical means rements, Bridges & potentionally Electronic means remark, Digital voltmeter, multinetry, Oscillosyc
DAY 21	Analog & Digital Electronics
DAY 22	Power Electronics, MOSFET, IGIST De to Decomensions
DAY 23	Conclusion

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-321(3rd FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year EEE students attended for the Academic Year: 2019-20

SNO	HNO	¥12	P 12	B 12	12/12	Чe	14,	140	n	13,	19	14/11	21)	¥,	2 1/2	142	깯	2	3	ų	6	7	8	9	П	T	Т	П
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3	17U11A0205	P	P	P	P	P	P	P	P	P	P	P	P	D	P	P	P	P	P	P	ρ	P	D	P	H	₩	╫	+
4	17U11A0206	P	P	P	B	P	P	P	7	A	P	P	+-	D	Δ	P	Þ	P	A	P	P	D	b	7	H	₩	Ħ	┼
5	17U11A0208	P	P	P	P	Р	Р	P	Р	P		P	P	P	P	P	P	D	D	6	9	P	D	A	Н	₩	$\dagger \dagger$	╫
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Kondapur(V), Ghatkesar(M), Medchal(Dist)

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43	18U15A0228	D	5	2	 	D	0	$\overline{}$	A	A	P	P	<u>P</u>	P	P	P	P	<u>P</u>	P	P	P	P
44	18U15A0229	D	D	<i> </i>		P	5	A	1	1	P	A	7	n	P	Р	<u>P</u>	P	2	P	P	P
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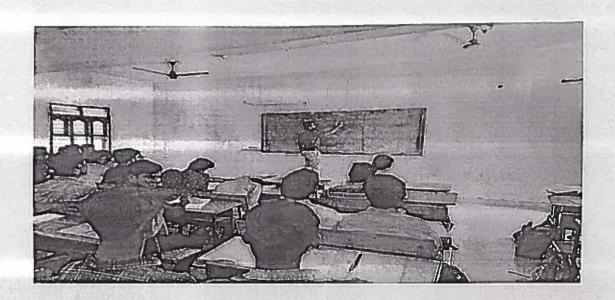
Principal

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Kondapur(V), Ghatkesar(M), Medchal(Dist)

REPORT

DATE: 11/01/2020

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 09/12/2019 to 11/01/2020

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the **Department of ELECTRICAL AND ELECTRONICS ENGINEERING** has planned to conduct **GATE Coaching Classes** during working days from **04:30PM to 06:30PM**.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III EEE students who participated in GATE classes is enclosed.

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DEPARTMENT OF MECHANICAL ENGINEERING CIRCULAR

Date: 03/12/2019

All the students of B.Tech III year are informed that the Department of Mechanical Engineering is conducting "GATE COACHING CLASSES" scheduled from 09/12/2019 to 11/01/2020 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names at office of HOD-ME on or before 07/12/2019. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ME

PRINCIPAL

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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DEPARTMENT OF MECHANICAL ENGINEERING SYLLABUS FOR GATE CLASSES

Section 1: Engineering Mathematics

Linear Algebra -Linear equations, Matrix algebra, eigenvalues and eigenvectors.

Differential equations - Linear and nonlinear, Euler-Cauchy equation; higher-order linear differential equations with constant coefficients, initial and boundary value problems; solutions of heat, wave and Laplace's equations; Laplace transforms.

Calculus - Evaluation of definite and improper integrals; Functions of single variable, limit, continuity and differentiability, mean value theorem, indeterminate forms; double and triple integrals; total derivative, partial derivatives, maxima and minima, Taylor series (in one and two variables), Fourier series; divergence and curl, gradient, vector identities, line, directional derivatives, surface and volume integrals, and Green's theorems and applications of Gauss, Stoke.

Probability and Statistics - Probability, conditional probability; sampling theorems; median, mean, mode and standard deviation; binomial, random variables, normal and Poisson distributions.

Numerical Methods - Integration by trapezoidal and Simpson's rules; - Numerical solutions of linear and non-linear algebraic equations; single & multi-step for differential equations.

Complex variables - Cauchy-Riemann equations; Analytic functions, Taylor and Laurent series. Cauchy's integral theorem & integral formula

Section 2: Applied Mechanics and Design

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

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

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.

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

Vibrations - Effect of damping, Free and forced vibration of single degree of freedom systems, resonance, vibration isolation, critical speeds of shafts.

Section 3: Fluid Mechanics and Thermal Sciences

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

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

Applications - Power Engineering, I.C. Engines, Refrigeration and air-conditioning and Turbomachinery

Thermodynamics - Properties of pure substances, thermodynamic systems and processes, the behaviour of ideal and real gases, calculation of work and heat in various processes, zeroth and first laws of thermodynamics, the second law of thermodynamics, thermodynamic relations and thermodynamic property charts and tables, availability and irreversibility

Section 4: Materials, Manufacturing and Industrial Engineering

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

Engineering Materials - Phase diagrams, structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials.

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

Computer Integrated Manufacturing - Concepts of CAD/CAM and their integration tools.

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

Production Planning and Control - Aggregate production planning, forecasting models, materials requirement planning and scheduling.

Operations Research - Simplex method, linear programming, transportation, network flow models, assignment, simple queuing models and PERT & CPM.

Inventory Control - Safety stock inventory control systems, Deterministic models.

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DEPARTMENT OF MECHANICAL ENGINEERING DAY WISE SESSION PLAN

DAY	
DAY	TOPIC COVERED
DAY1	Great Algebra - Great fquations
	Matrin algebra, egenvalus e eigenvalors.
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DAY2	Differential Granting _ Great Rondines
	Cher-auchy quation; laplace Equations.
DAY3	Calculus
	1001 1.11
	Probability & statisticy.
DAY 4	Numerical Methods.
1	
	Complex variables.
DAY 5	Mechanics of materials - Clastic
	Contract of Contract
	Constants, stren & Strain, poisson's ratio.
DAY 6	thin cylinders, mohr's circle for
	Plane stren & plane strain, shear force
DAME	bending my A alleger 1
DAY 7	bending moment diagrams, defection
	of beary, bending & shear strenes.
DAY 8	Engineering mechanici - Trunes & frames
DAIO	the bod stress of the
	Tree body diagrams & Equalibrium
DAY 9	Preory of machine Displace A
	velocity & acceptable
	Preory of machine - Displacement, velocity & acceleration analysis of plane mechanismy.
DAY 10	1 ' WON O 1 100 O 1 100 I C O 1 1 I I
	and dynamic loading, failure theory.
	and the second of the second o
DAY 11	Vibration- effect of damping,
	free & forced vibration at single down.
DAY 12	free & forced vibration of single degree of freedom.
DA 1 12	Lead of the thought of the things of the thi
	1-D heat conduction, marker of H.T
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DAY 13	Stefen Boltzmann law, radiative heat transfer, when displacement law.
	mayer, wien displacement law.
DAY 14	Fluid mechanics- yluid statics properties, manorally, blagancy.
	the strong of sale,
DAY 15	Application - power Angheure
DAY 16	Thermodynamics - properties of thre substances, thermodynamics system
DAY 17	Berom law of Mermodynams
DAY 18	Malerials, Manyachiring &
DAY 19	Casting forming and Joining procures. Design of patting moulting & cores.
DAY 20	Engineering materials - Phase diagram Structure & properties of Engineering material.
DAY 21	Machining & Machine Tools
DAY 22	Computer Integrated manufacturing
DAY 23	Metosology & Brepechion.
DAY 24	production, planning & control
DAY 25	Operations Research.
DAY 26	Boverbory contral.

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DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF REGISTERED STUDENTS

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SNC		NAME OF THE STUDENT
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3	1 -7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	_ JOHENER VERTITATAN REDDI
4	17011110307	- The second second
5	1101111000	DARNABOINA MANISH RAJ
6		
7	1.011110007	GANGIDI VISHNU VARDHAN
8		JAKKULA SHIVA KRISHNA YADAV
9		K V SAI PRAKASH
10		KAKUNURI VIKRAM KUMAR
11	17U11A0311	KOMATIREDDY SHIVA PRASAD
12	17U11A0312	KORICHERLA ANURUDH RAJ
13	17U11A0313	MACHA VENU
14	17U11A0314	MAHAMMAD AAMER
15	17U11A0315	MARAPAKA VAMSHI
16	17U11A0316	MERUGU MAHIPAL REDDY
17	17U11A0317	MUTHURU V SAI PRAKASH CHARY
18	17U11A0318	POTUGANTI MEGHANA REDDY
19	17U11A0319	PULLELA MAHIPAL
20	17U11A0320	SAMA MANISH REDDY
21	17U11A0321	SUTRAVE RAJESH KUMAR
22	17U11A0322	THAKUR AASHISH
23	17U11A0323	BANALA GANESH
24	17U11A0324	GADIGI SANGAMESHWAR
25	17U11A0325	KAMEPALLY VINITH
26	17U11A0326	KAARUMANCHI MAHENDAR
27	17U11A0327	KOMMAGANI SUMANTH
28	18U15A0301	BELLAPUKONDA AKSHITH REDDY
29	18U15A0302	K MADHU
30	18U15A0303	K VARA PRASAD
31	18U15A0304	BASAVA TARUNSAI
32	18U15A0305	JORKA OM PRAKASH
33	18U15A0306	KAKI MADHU KUMAR REDDY
34	18U15A0307	KARRI SAI VINAY
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Samskruti College of Engg. & Technology
Kondapur (V), Ghetkesar (M), Medchal

SNO	HNO	NAME OF THE STUDENT
35	18U15A0308	YAKKATI VIKAS
36	18U15A0309	K MALLESH
37	18U15A0310	RAMIDI VISHWANATH REDDY
38	18U15A0311	NANDIPATA ARAVIND
39	18U15A0312	POKURI RAMA KRISHNA
40	18U15A0313	SEETHA BHARATH KUMAR
41	18U15A0314	YASOJU NIKHIL
42	18U15A0315	ARYA SHIVA SAI PRASAD
43	18U15A0316	GUNDIMEDA SRI GANESH
44	18U15A0317	HAZARI SAI RAHUL
45	18U15A0318	KODEPAKA SANJAY KUMAR
46	18U15A0319	MD SOHAIL ABBAS
47	18U15A0320	MD.SHUYAEB KHAN

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DEPARTMENT OF MECHANICAL ENGINEERING

REPORT

DATE: 11/01/2020

NAME OF THE PROGRAMME: GATE COACHING

DATE: 09/12/2019 to 11/01/2020

TIMINGS: - 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Mechanical Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

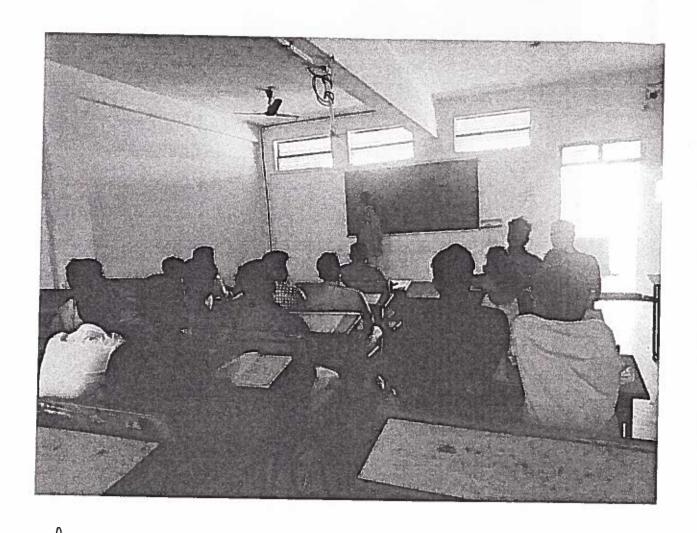
Students are taught different subjects like:

S.No	Name of the Subject	Subject France
1	Engineering Mechanics	Subject Expert
2	Mechanics of Materials	Mr. Veerendra Prasad
3	Theory of Machines	Mr. B.Gopi Chand
4	Machine Design	Dr. K.Vijay Kumar
5	Heat-Transfer	Mr. D.Naveen
6	Fluid Mechanics	Mr. B.Ramesh
7	Thermodynamics	Mr. P.Chandra Bhushnam
8	Engineering Materials	Mr. P.Thirupathaiah Mr. S.Naresh
)	Manufacturing and Industrial Engineering	
10	Computer Integrated Manufacturing	Mr. B. Venkatesh
1	Production Planning and Control	Mr.D.Gayatri
2	Operations Research	Mr. J. Vishwas Mr.S. Sateesh

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list III and IV B.Tech ME students who participate in GATE class is also enclosed.

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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-306 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ME students attended for the Academic Year: 2019-2020

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2	17U11A0302	P	P	P	A	P	P	12	P	7	Α	P	P	P	P	A	P	P	P	12	A	P	1	7	P	A	P
3	17U11A0303	P	P	A	7	P	P	P	A	P	P	P	19	Α	9	P	P	A	P	A	P	A	17	10	7	7	P
4	17U11A0304	12	A	P	P	10	P	Α	Ø	12	9	A	P	12	P	P	Α	7	9	9	P	P	P	A	P	-	p
5	17U11A0305	À	P	P	P	P	A	P	P	P	7	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A
6	17U11A0306	12	19	P	P	Α	P	P	P	A	P	P	_	P	A	P	P	P	P	P	P		P	P	P	P	P
7	17U11A0307	P	P	A	P	P	P	P		р		P	P	A	•	_	P	A	P	A	P	P	A		Æ	P	P
8	17U11A0308	P	P	P	A	P	P	Α	P	P	P	P	P	P	P	Α	12	P	7	P	7	P	P		9	P	P
9	17U11A0309	P	P	P	7	A	P	P	7	P	7	Α	7	P	P	7	Α	P	P	P	P	A	P	P	P	A	7
10	17U11A0310	A	P	9	P	P	A	P	P	P	P	P	P	P	A	P	P	P	Α	P	A	P	P	P	P	P	P
11	17U11A0311	P	P	A	P	P	7	P	0	P	P	7	A	P	P	_			7	A	12	12	7	P	_	o	A
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14	17U11A0314	P	P	P	P	À	P	A	1	P	P	À	p	7	P	2	A	P		0	7	Þ	P	P	P	$\rightarrow \rightarrow$	P
15	17U11A0315	A	P	17	P	7	A	P	P	P	P	P	P	P	A	P	P	P	A	P	p	P	1	P	7	A	7
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17	17U11A0317	P	P	Α	7	P	P	P	P	P	P	P	A	P	P	À		P	P	P	P	P	P	7	Р		P
18	17U11A0318	P	P	7	P	P	A	P	P	P	P	P	P	P	12		7	12	P	_	4	P	A	P	17	P	P
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20	17U11A0320	A	P	P	12	Α	P	P	P	P	P	A	P	A	7		P	A	P	P	P	7	P	P	P	A	7
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24	17U11A0324	P	P	7	A	P	P	A	P	P	P	P	A	7	A	P	P	P	P	A	P	P	P	P	17	P	P
25	17U11A0325	A	7	P	P	A	P	P	P	7	7	P	P	7	7	_			_	P	P	P	17	P	A	P	P
26	17U11A0326	P	A	17	P	P	P	-	-	-	_			-	_	_	P	P	_	P	A	P	7	7	P		7
27	17U11A0327	P	P	A	P	P	A	-	\rightarrow	\rightarrow						_	_		_	P	7	P	P	Ā	P	-	P
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31	18U15A0304	P	P		P	Á	P	-		_	-	— <u>}</u> -	P	-	討	P	p	A	P	P	P	P	P	P	P	•	AL
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37	18U15A0310	P	P	P	A	12	5	A	6	r	P	A	P	Р	P	P	P	A	P	P	P	P	A	P	P	P	र्व
38	18U15A0311	P	A	P	10	0	Δ	7	P	A	P	P	2	A	2	P	P	P	P	P	A	P	P	P	P	A	0
39	18U15A0312	P	0	A	P	0		7	A		P	P	A	P	7	P	A	P	P	P	P	P	P	P	A	5	D
40	18U15A0313	A	討	P	5	A	10	0	5	P	'`	2	P	P	A	P	P	P	P	P	P	А	P	P	- 	จ	5
41	18U15A0314	P	AT	P	5	P	12	A	5		P		P	2	P	P	P	A	P	P	P	Ρ	P	A	7	뒭	₹-
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43	18U15A0316	PI	5	A	0	₹→		5	 		P.	21	21	-	P	A	2	2	P	P	A	P	P	P	p	허	Δ_
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COORDINATOR

HOD

Principal



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CIRCULAR

Date: 03/12/2019

All the students of B. Tech III year are informed that the Department of Electronics & Communication Engineering is conducting "GATE COACHING CLASSES" scheduled from 09/12/2019 to 11/01/2020 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-ECE on or before 07/12/2019. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-ECE

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability, probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability.

Section 2: Networks, Signals and Systems

Circuit analysis: Node and mesh analysis, superposition, Thevenin's theorem, Norton's theorem, reciprocity. Sinusoidal steady state analysis: phasors, complex power, maximum power transfer.

Time and frequency domain analysis of linear circuits: RL, RC and RLC circuits, solution of network equations using Laplace transform. Linear 2-port network parameters, wye-delta transformation.

Continuous-time signals: Fourier series and Fourier transform, sampling theorem and applications.

Discrete-time signals: DTFT, DFT, z-transform, discrete-time processing of continuous-time signals. LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeroes, frequency response, group delay, phase delay.

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Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic semiconductors, equilibrium carrier concentration, direct and indirect band-gap semiconductors.

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.

Section 4: Analog Circuits Diode circuits:

clipping, clamping and rectifiers. BJT and MOSFET amplifiers: biasing, ac coupling, small signal analysis, frequency response. Current mirrors and differential amplifiers.

Op-amp circuits: Amplifiers, summers, differentiators, integrators, active filters, Schmitt triggers and oscillators.

Section 5: Digital Circuits

Number representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders.

Sequential circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data converters: sample and hold circuits, ADCs and DACs.

Semiconductor memories: ROM, SRAM, DRAM. Computer organization: Machine instructions and addressing modes, ALU, data-path and control unit, instruction pipelining.

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, Routh-Hurwitz 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, superheterodyne receivers.

Information theory: entropy, mutual information and channel capacity theorem.

Digital communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

Section 8: Electromagnetics



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Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector.

Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth.

Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, Sparameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Solution of linear equations and uniqueness
DAY2	Thevenin's Theorem
DAY 3	Direct and indirect band-gap Semiconductors
DAY 4	Small Signal analysis
DAY 5	Schmitt triggers and Oscillators
DAY 6	Logic gates and CMOS implementations
DAY 7	Sample and hold circuits
DAY 8	Instruction Pipelining
DAY 9	Frequency response
DAY 10	Properties of White noise
DAY 11	Spectra of AM and FM
DAY 12	inter-Symbol interference
DAY 13	boundary Conditions

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DAY 14	Matrix algebra
DAY 15	multiple integrals
DAY 16	Wye-delta teransformation
DAY 17	Norton's Theorem
DAY 18	impulse response
DAY 19	P-N junction
DAY 20	Superheterodyne receivers
DAY 21	Hamming Codes
DAY 22	Linear antenna arrays
DAY 23	Poynting vector
DAY 24	Phase and broup velocity
DAY 25	Shift - registers
DAY 26	Integrators

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	16U11A0410	BHIMARI SAIKUMAR
2	16U11A0412	BOMPALLY RAHUL
3	16U11A0472	YESIREDDY SANDEEP VARMA
4	17C21A0405	GADEPAKA PRASANNA
5	17C21A0406	GANTA JANI GLADYS
6	17C21A0413	MACHANI PAVANI
7	17C21A0414	MADAVATH ROJA
8	17U11A0401	A KAMESHWARA SAI SRAVAN
9	17U11A0402	A S MEETHA REDDY
10	17U11A0403	ALAGANDULA ANIL
11	17U11A0405	ANKAMGARI SWAPNA
12	17U11A0406	ANTHIREDDY NIKHIL REDDY
13	17U11A0407	ARIGELA VENKATA SAI PAVAN
14	17U11A0409	BALUSA PRANAY
15	17U11A0410	BANDARI TARUN
16	17U11A0411	BANDARU NATRAJ
17	17U11A0413	BOYAPALLI RAVITEJA
18	17U11A0415	CHALLAKOLUSU NAVEEN
19	17U11A0416	CHANDANALA SANDHYARANI
20	17U11A0417	CHEEMAKURTHY NAVANEETH
21	17U11A0418	CHEKKA SAHITHI
22	17U11A0419	CHENCHARAPU SATWIKA
23	17U11A0420	CHEPRASI SRI SAI TEJA
24	17U11A0422	GOGULA SANTHOSHI KUMARI
25	17U11A0425	K SAI SHANKER
26	17U11A0426	KANDIMALLA DEEPTHI
27	17U11A0427	KANKADE NIKITHA
28	17U11A0428	KHUSH SRIVASTAV
29	17U11A0431	M SPANDANA
30	17U11A0432	MATTAPALLI SANDHYA
31	17U11A0433	MOGILI SWETHA
32	17U11A0435	MOTHE PRADEEPTHI
33	17U11A0436	MUKTHYALA UDAYA SRI
34	17U11A0439	PADALA SHRAVYA

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SNO	HNO	NAME OF THE STUDENT
35	17U11A0440	KOLIPAKA BHARATH
36	17U11A0441	LAMBA NAGARAJU
-37	17U11A0442	POTHARAM SAIKIRAN
38	17U11A0443	POTLA RACHANA
39	17U11A0444	PULGAM SOUMYA
40	17U11A0445	PULI SAI KAMAL GOUD
41	17U11A0446	RAHUL PATNAIK
42	17U11A0447	RAMAGIRI SRAVANI
43	17U11A0449	SEEMALA SWETHA
44	17U11A0451	SRIPATHI SAIVINAY REDDY
45	17U11A0453	THATIPALLY NIHARIKA
46	17U11A0455	VALLAPU ABHINAV RAJ
47	17U11A0456	VELMALA PRATYUSHA
48	17U11A0457	VELURI PRATHYUSHA
49	17U11A0458	VORUGANTI ASHWINI
50	17U11A0459	BANDI UDAY KUMAR
51	17U11A0460	CHANDA JITHENDER
52	17U11A0461	CHINTALAPATI SAHITI
53	17U11A0463	KANAPARTHI STELLA CHARLES
54	17U11A0464	KARRI BRAHMA REDDY
55	17U11A0465	KATA LOURDU BALA SHOWRY
56	17U11A0471	MYNA ROHITH RAJ
57	17U11A0472	RAMIDI SANDEEP REDDY
58	17U11A0474	TALLA SAINATH
59	17U11A0475	TEJA SWAROOP SUBRAMANYAM
60	17U11A0476	VADDE DIWAKAR
61	17U11A0477	VEGYARAPU MANISHA
62	17U11A0481	KAMASANI LAVANYA
63	17C25A0406	VEERAMALLU BHARGAVASRI
64	17U15A0408	SAMALA GOURI SHANKER
65	17U15A0410	SUNIL KUMAR RATHOD
66	17U15A0416	REDDY TEJA SAI KRISHNA CHOUDARI
67	18U15A0401	ADIMULAM NAVYA SRI
68	18U15A0402	BADE HIMAVARSHINI
69	18U15A0403	BRAMHAROUTHU PRUDHVI
70	18U15A0404	CHINDHALURI OMKAR
71	18U15A0405	ERIGIJJA SAI KUMAR
72	18U15A0406	KOUDE SHRUTHI
73	18U15A0407	RAGIRI UDAYA VANI
74	18U15A0408	THALLAPALLY NIKHILA
75	18U15A0409	ANKARLA DEEKSHITHA
76	18U15A0410	ARIGELA RAPUL

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77	18U15A0411	BOYA GNANESHWAR
78	18U15A0414	P SUSHMITHA
79	18U15A0415	REDDABOENA SARALA

COORDINATOR

Months

PRINCIPAL

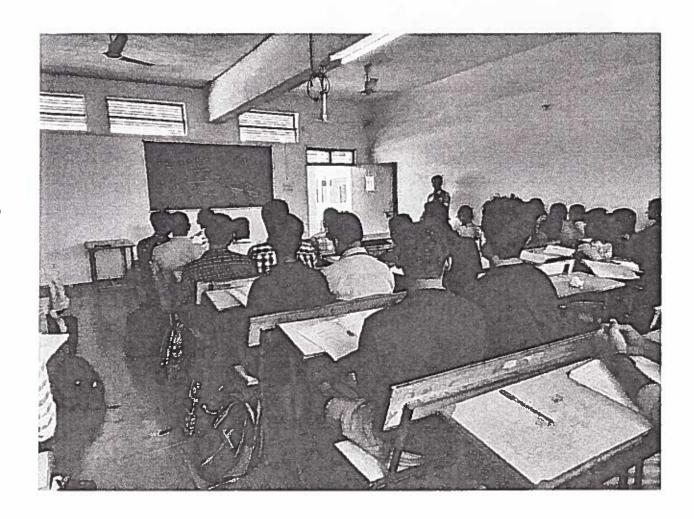
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Camskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal (

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REPORT

DATE: 11/01/2020

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 09/12/2019 to 11/01/2020

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Electronics & Communication Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert
1	Engineering Mathematics	Mrs. D. Swapna
2	Analog Circuits Diode circuits:	Mr. B. Kishore babu
3	Networks, Signals and Systems	Mrs. K. Vanisree
4	Electronic Devices circuits	Mr. M. STERRY Coulu
5	Digital Circuits	Mr. V. Sander Kumen
6	Control Systems	Mrs. Gr. Indra Pani
7	Communications	Mrs. Y. Jalajakshi
8	Electromagnetics	Mr. P. Ashok Kumar
9	Reasoning and Quantitative Aptitude.	Mr. B. Sugesh Baba

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ECE students who participated in GATE classes is enclosed.

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63 17C25A0406 P P P P P P P P P P P P P P P P P P P	PPP
64 17U15A0408 PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	PPP
65 17U15A0410 A P P P P P P P P P P P P P P P P P P	PPP
66 17U15A0416 A P A P P P P P P P P P P P P P P P P	A P P
67 18U15A0401 A P P P P P P P P P P P P P P P P P P	PPP
68 18U15A0402 P P P P P P P P P P P P P P P P P P P	PAP
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70 18U15A0404 P P P P P P P P P P P P P P P P P P	PPP
71 18U15A0405 P P P P P P P P P P P P P P P P P P P	t P P
72 18U15A0406 P P P P P P P P P P P P P P P P P P P	PPP
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Principal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-217 (SECOND FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ECE students attended for the Academic Year: 2019-2020

SNO	HNO	7/12	toliz	11/1	Of.	13/	Ιų	19	17/	B//_	19	20%	20%	12	34	25	26 (a	17	24 16	36	31	7/	31/4	4%	9	Q.	961	dj,,
1	16U11A0410	Р	A	P	0	P	ρ	?	P	P	9	P	P	P	P	P	P	ρ	ρ	P	ρ	ρ	ρ	ρ		P	_	P
2	16U11A0412	P	P	P	p	P	P	P	ο,	P	P	P	P	ρ	P	P	P	P	P	P	P	ρ	ρ	ρ	-	P	-	ρ
3	16U11A0472	Р	P	Д	0	P	0	0	P	ρ	P	p.	ρ	ρ	0	P	ρ	P	P	ρ	ρ	ρ	P	-			_	P
4	17C21A0405	A	ρ	P	P	P	*	Þ	ρ	P	P	P	ρ	P	A	P	P	ρ	ρ	P	ρ	Q	P	P	-	A-	$\overline{}$	P
5	17C21A0406	P	Р	P	0	ρ	P	P	ρ	ρ	P	P	P	P	0	A	p	P	P	ρ	p	ρ	P	P	P	ρ	_	ρ
6	17C21A0413	P	P	P	A	ρ	P	ρ	P	P	P	P	A	P	P	A	ρ	P	P	P	ρ	P	P	P	P	P	-	P
7	17C21A0414	P	P	ρ	P	ρ	P	P	8	P	P	P	P	P	P	P	P	P	P	ρ	P	P	P	P	P	A	A	A
8	17U11A0401	Р	ρ	ρ	P	P	P	P	P	P	P	P	ρ	P	P	P	P	P	P	P	P	P	ρ	P	P	ρ	p	P
9	17U11A0402	P	A	p	P	P	P	P	P	ρ	P	1	P	P	P	P	P	P	P	P	P	P	P	P	?	P	P	P
10	17U11A0403	P	p	À	P	P	P	P	₽	P	ρ	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
11	17U11A0405	Ð	p.	Р	P	P	P	P	A	P	ρ	P	P	P	P	A	P	P	P	P	P	P	ρ	P	ρ	A	P	P
12	17U11A0406	P	A	Р	P	P	P	P	A	P	P	f	P	P	P	P	P	ρ	ρ	ρ	ρ	ρ	P	P	P	A	P	P
13	17U11A0407	P	P	ρ	P	1	2	P	ρ	P	P	A	P	P	P	P	ø	p	p	ρ	P	P	P	P	P	P	P.	P
14	17U11A0409	A	P	P	ρ	P	P	P	ρ	P	P	ρ	P	<u>P</u>	P	A	P	P	p	p	P	ρ	ρ	p	p	A	P	P
15	17U11A0410	P	A	A	P	P	ρ	P	ρ	ρ	P	P	P	f	P	P	p	p	P	P	P	P	P	P	P	P	P	P
16	17U11A0411	A	P	P	P	P	ρ	P	P	P	ρ	P	P	P	P	P	P	ρ	P	P	P	1	P	P	P	P	P	P
.17	17U11A0413	P	P	P	8	P	P	P	-	P	P	1	8	1	P	P	P	ſ	ρ	P	P	P	P	P	P	Q	PY	2
18	17U11A0415	P	P	ρ	\$	P	P	P	P	P	P	1	8	P	P	ρ	P	P	ŗ	P	P	P	P	ρ	1	P	P I	P
19	17U11A0416	P	P	P	P	P	P	P	P	P	P	P	P	ρ	P	A	P	P	P	₽	P	P	P	P	P	A	P	P
20_	17U11A0417	P	A	P	P	ρ	P	ρ	ρ	P	P	ρ	P	P	ρ	A	9	ρ	P	P	P	P	ρ	P	P	A-	P.	P
21	17U11A0418	P	P	A	P	P	P	ρ	P	P	P	P	P	P	P	A	f	P	ρ	P	P	P	P	P	P	P	P 1	P
22	17U11A0419	A	P	P	ρ	9	1	P	P	P	P	P	P	ρ	P	A	p	P.	P	ρ	P	P	P	P	P	P	P	P
23	17U11A0420	P	P	P	P	P	P	₽	P	P	P	ρ	P	P	P	A	P	P	ρ	P	₽	P	P	P	P	P	P	P
24	17U11A0422	A	A	p	P	ρ	و	P	ρ	ρ	P	P	P	ρ	P	P.	P	P	P	P	₽	P	P	P	P	A	A	A
25	17U11A0425	P	P	P	P	P	P	1	ρ	₽	P	P	P	P	P	A	1	P	P	P	ρ	ρ	P	P	p	A	P	P
26	17U11A0426	A	A	A	P	و	P		P	ρ	P	ρ	P	P	P	P	P	P	P	P	P	P	ρ	P	P	A.	P	Ρ
27	17U11A0427	P	P	P	P	1	2	<u>l</u>	P	P	P	P	P	₽	P	P	P	P	Р	ρ	P	P	P	P	P	A	P	P
28	17U11A0428	P	P	P	P	P	2	P	P	P	P	1	1	P	P	P	P	ρ	P	P	P	P	P	P	P	P	P	P
29	17U11A0431	P	$\overline{}$	A	P	P	و	P	P	P	ρ	į	ρ	P	P	P	P	ρ	ρ	P	0	P	P	P	P	P	P	P
30	17U11A0432	P	P	P	-	P	}	2	P	P	ρ	P	ρ	1	P	P	P	P	P	ρ	P	ρ	P	P	P	A		P
. 31	17U11A0433	P	P	P,	ρ	P		9	P	ρ	ρ	P	p	P	P	P	P	ρ	P	P	1	P	P	P	P	P	PF	2
32	17U11A0435	P	P	P	ρ	P	2	1	P	P	P	P	ρ	4	ľ	9	P	P	P	P	P	P	P	P	P	2	P	P
33	17U11A0436	P		A	P	P	P	P	P	P	P	P	P	P	Þ	P	8	ρ	ρ	ρ.	P	P	P	P	PI	7	7	2
34	17U11A0439	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	ρ	P	P	P	P	P	P	PI	P	A	7

Principal

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75	18U15A0409	P	l p	P	8	P	p.	P.	1	P	P	A	. ρ	P	P	P	P	P	P	1	P	₽	P	6	P	P
76	18U15A0410	A	P	P	P	P	P	ρ	ρ	P	P	P	P	P	P	P	P	P	P	P	P	A	P	ħ	P	P
77	18U15A0411	P	P	P	P	P	A	ρ	ρ	P	ρ	P	P	P	ρ	P	P	P	P	₽	P	P	P	A	P	A
78	18U15A0414	P	A	P	P	P	P	ρ	ρ	P	ρ	ρ	P	P	P	P	P	₽	P	P	P	P	P	P	P	P
79	18U15A0415	P	A	P_	P	P	P	P	ρ	P_	P	p	P	P	P	P	P	P	P	P	₽	P	P	P	1	P

CO-ORDINATOR

Hop

Principal
Sømskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CIRCULAR

Date: 03/12/2019

All the students of B. Tech III year are informed that the Department of Computer Science & Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 9/12/2019 to 11/01/2020 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-CSE on or before 07/12/2019. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-CSE

PRINCIPAL

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, 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 and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions.

Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

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, pipeline hazards.

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 traversals, minimum spanning trees, shortest paths

Section-6: Theory of Computation -

Regular expressions and finite automata. Context-free grammars and push-down automata.

Samskruti College of Engg. & Technology Kondapur (V), Ghalkesar (M), Medchal Dist. 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.

Local optimisation,

Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Section 8: Operating System -

System calls, processes, threads, inter-process communication, concurrency and synchronization.

Deadlock. CPU and I/O 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 -

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit-switching;

Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing;

Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP,

DHCP, ICMP), Network Address Translation (NAT);

Transport layer: flow control and congestion control, UDP, TCP, sockets;

Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

HOD

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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Propositional and first order ragic
	sed scientified.
DAY2	Combinations, Linea Algebra.
DAY 3	Calculue, moxima and minima
	integration, probability & statistics
DAY 4	Boolean algebra, minimization
	Number reliegentations of conflute
DAY 5	machine instructions and addressi
	-ng modes. Pipe line hazards.
DAY 6	nemoly hierarchy: 10 interface
DAY 7	Programming inc, Recussion
	bireay seedth trees.
DAY 8	sconding, sorting, howling algo
	- orthon design techniques
DAY 9	Godfo todols, minimum spanni
	-ng toos, shooted padha
DAY 10	Regular expressions and finite
	automoter. Confext force garminas.
DAY 11	Regular and confert foce langua
	-ges, Pumping Lemma.
DAY 12	willed analysis, Runting environmy
271114	-enils. intermediate (cdo generation

Principal
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Kondapur (V), Ghatkesar (M), Medchal Dist

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DAY 13	local offinitedion, pata flow
	analyses, common subsituation.
DAY 14	SYSTEM COULD, Processes, threads
_	can currency and suchronized
DAY 15	Dealgrock che and to scheding
	weight weiterdement and instead
	ER-model. Relational model: tulle
DAY 16	calculus, SQL; integrity constaints
	namal foling.
DAY 17	organitation, indering rooms
	-actions and concussioners control.
DAY 18	concept of layering: OSI & TCPI
<i>Ditt</i> 10	I P Protocol Stacks: Bogics of
	count and interest inscrit-switch
DAY 19	-ing: Dada link 1930, Routing
	130040015
DAY 20	Foreignentation and 10 addressing
10161 20U	1 NV 4: CIDR Notestion. Network Address Tooms with On (NAT):
DAY 21	Tourisport Keyer, ODP, TCP,
	s ockets: Application days proto
	- (0)5

coordinator (C. Rama Subramanyan) Hod

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LIST OF REGISTERED STUDENTS

1 2 3	15QN1A0515 15U11A0551	NAME OF THE STUDENT MD FASI AHMED
	15U11A0551	
3		SALILA PRADHAN
	166Z1A0501	ABHILASH
	16U11A0525	KONENI SAI KIRAN
5	17U11A0501	ATUKULA AKHILA
	17U11A0502	B REVATI BAI
7	17U11A0503	BACHHU SAMYUKTHA
<u> </u>	17U11A0504	BALLA DEEPIKA
9	17U11A0506	BANDI SRAVANTHI
10	17U11A0507	CHALLAPALLI HEMANTHSAIKUMAR
11	17U11A0508	CHOLLETI SURYA
12	17U11A0509	GADDAM KARTHIK REDDY
13	17U11A0511	ILLA SAI PRASANNA KUMAR
14	17U11A0512	KANCHARLA BHARAT REDDY
10	17U11A0513	KOSURU SOWMYA
16	17U11A0514	M SHEETAL
17	17U11A0516	MAGUBEHARA DURGA PRASAD
18	17U11A0517	MANCHOJU SAI NARESH
19	17U11A0518	MYSA MANASA
20	17U11A0519	NALLA SONY
21	17U11A0521	PADALA KAVITHA
22	17U11A0522	PANDAVULA SWATHI
23	17U11A0523	PULLA ANAND VARDHAN
24 1	17U11A0524	S CHATRAPATHI SHIVAJI
25 1	7U11A0525	SINGAM RAJYALAXMI
26 1	7U11A0526	SOMA LAXMI
27 1	7U11A0527	SONALI VISHWAKEERTH
28 1	7U11A0528	TALLAPALLI MANASA
29 1	7U11A0529	VANAM SRIKANTH
30 1	7U11A0530	VANGA MALLIKA
31 1	7U11A0531	YENNETI VENKATA DAMODAR
32 1	7U11A0532	AGARWAL YASH KUMAR
33 1	7U11A0533	AKULA LAYASREE
34 1	7U11A0535	D S AMIT KUMAR

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.

SNO	HNO	NAME OF THE STUDENT
35	17U11A0536	ERRA HARATHI
36	17U11A0537	KAUSHAL KUMAR JHA
37	17U11A0538	KESHAV NIRUPAMA
38	17U11A0539	KUPPURAO VINAY ANAND
39	17U11A0543	VARIGANTI NIKITHA
40	17U11A0544	VELLANKI YASWANTH
41	17U11A0546	ANNEPU REVATHI
42	17U11A0547	BAYYAPUNEEDI M S S KIRANMAYI
43	17U11A0548	GURRALA KEERTHI REDDY
44	17U11A0549	KASAM MANOJ
45	17U11A0552	M M GOUTHAMI
46	17U11A0553	TELUGU KOMARA MONU NAVEEN
47	17U11A0555	TIRUPATHI BHARGAV DUTT
48	17U11A0556	UPPULURI ROHIT KUMAR
49	17U11A0557	VISHAKA SHARMA
50	18U15A0501	BEJAWADA SAI BHARGAV KUMAR
51	18U15A0502	BOKKA SHIVANI
52	18U15A0503	HANUMANTHAGARI NIKHIL RAJ
53	18U15A0504	KUDIKALA SAI KRISHNA
54	18U15A0505	MOHAMMAD ALI
55	18U15A0506	SYEDA HEENA FATIMA
56	18U15A0507	TANNERU ANITHA
57	18U15A0508	VANAKALLA ROJA
58	18U15A0509	KUMAR SHANKAR NARAYANAN

CO-ORDINATOR
(K. Rama Subsamanyam)

PRINCIPAL

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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-109 (FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year CSE students attended for the Academic Year: 2019-2020

SNO	HNO																				lu. i	kız.		_		-	_	_
1	15QN1A0515	P	21/12	/13	N.	¥ 7.	*	17	12	2/0	7	7	1	7%	7/2								_	L	_	Н		_
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21	17U11A0521	P	P	P	P	0	A	9	8	P	4	P	9	P	P	P			0	0		0		\neg	\exists	\dashv	\dashv	\dashv
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23	17U11A0523	P	P	P	P	ė	P	P	A	P	P	P	P	P	P	e	P	P	P.	7	Q					7	\dashv	\dashv
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COORDINATOR
(K. Rama Subramanyam)

Principal
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, 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 and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions.

Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

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, pipeline hazards.

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 traversals, minimum spanning trees, shortest paths

Section-6: Theory of Computation -

Regular expressions and finite automata. Context-free grammars and push-down automata.

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist. 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.

Local optimisation,

Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Section 8: Operating System -

System calls, processes, threads, inter-process communication, concurrency and synchronization.

Deadlock. CPU and I/O 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 -

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit-switching;

Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing;

Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP,

DHCP, ICMP), Network Address Translation (NAT);

Transport layer: flow control and congestion control, UDP, TCP, sockets;

Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING REPORT

DATE: 12/01/2020

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 09/12/2019 to 11/01/2020

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Computer Science & Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject Expert
1	Engineering Mathematics	Swapna Dharmavaram
2	Digital Logic	Sandeep Kumar Vasa
3	Computer Organization and Architecture	Radha Devi.G
4	Programming and Data Structures	Krishnamurthy
		Ramasubramanian
5	Algorithms	Krishnamurthy
		Ramasubramanian
6	Theory of Computation	Marpudi Raghavendra Rao
7	Compiler Design -	Korivi Vamsheekrishna
8	Operating System	Palakollu Divya
9	Databases	Jayaraman Priya

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10	Computer Networks	Harivanam Naga Chandrika

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III CSE students who participated in GATE classes is enclosed.



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DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

Date: 08/12/2020

All the students of B.Tech III year are informed that the Department of Civil Engineering is conducting "GATE COACHING CLASSES" scheduled from 14/12/2020 to 22/01/2021 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names through the given link below on or before 11/12/2020. Schedule for GATE coaching classes will be issued soon.

https://us04web.zoom.us/j/2379087366?pwd=aE1EZzROVlQ4Y2FST0hidkg0YnZEUT09

Meeting ID: 237 908 7366

Passcode: 9RcZBv

Note:- Kindly install ZOOM App to get access to the classes.

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Copy to:

1. Hon'ble-Chairman/Secretary - For information

2. Principal's Office

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DEPARTMENT OF CIVIL ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Linear Algebra: Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

Calculus: Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima; Taylor series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities; Directional derivatives; Line, Surface and Volume integrals.

Ordinary Differential Equation (ODE): First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; initial and boundary value problems.

Partial Differential Equation (PDE): Fourier series; separation of variables; solutions of onedimensional diffusion equation; first and second order one-dimensional wave equation and twodimensional Laplace equation.

Probability and Statistics: Sampling theorems; Conditional probability; Descriptive statistics – Mean, median, mode and standard deviation; Random Variables – Discrete and Continuous, Poisson and Normal Distribution; Linear regression.

Section 2: Structural Engineering

Engineering Mechanics: System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.

Solid Mechanics: Bending moment and shear force in statically determinate beams; Simple stressand strain relationships; simple bending theory, flexural and shear stresses, shear centre; Uniformtorsion, Transformation of stress; buckling of column, combined and direct bending stresses.

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Section 3: Geotechnical Engineering

Soil Mechanics: Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Seepage through soils - two - dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One- dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.

Foundation Engineering: Sub-surface investigations - Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - Finite and infinite slopes, Bishop's method; Stress distribution in soils - Boussinesq's theory; Pressure bulbs, Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations - dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency, negative skin friction.

Section 4: Water Resources Engineering

Fluid Mechanics: Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Conceptof boundary layer and its growth; Concept of lift and drag.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.

Hydrology: Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run- off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's Law.

Irrigation: Types of irrigation systems and methods; Crop water requirements - Duty, delta, evapotranspiration; Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable foundation; cross drainage structures.

Section 5: Transportation Engineering

Transportation Infrastructure: Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments.

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Geometric design of railway Track - Speed and Cant.

Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

Highway Pavements: Highway materials - desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid pavement using IRC codes

Traffic Engineering: Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway

Section 6: Environmental Engineering

Water and Waste Water Quality and Treatment: Basics of water quality standards - Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment.

Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.

Air Pollution: Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and

Section 7: Geomatics Engineering

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.

Photogrammetry and Remote Sensing - Scale, flying height; Basics of remote sensing and GIS.

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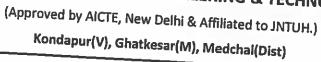
DEPARTMENT OF CIVIL ENGINEERING DAY WISE SESSION PLAN

		DAT WISE SESSION PLAN
	DAY	TOPIC COVERED
	DAY	1 Engineering Mathematics - Linear Algebra Calculus
	DAY	Ordinary Differential equation, postial Differential equation
	DAY	Probability and statistics
	DAY 4	Structural Engineering - Engineering mechanics, solid mechanics
	DAY 5	
	DAY 6	Geo Technical Engineering - Soil Mechanics
	DAY 7	Foundation Engineering.
	DAY 8	Water Resource Engineering - fluid mechanics.
	DAY9	Hydraulics
	DAY 10	Hydrology
_	DAY 11	Trogation
	DAY 12	Transportation Engineering - Transportation In fraskucture
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	(5100)
DAY I	3 Geometric design of railway Track
DAY 14	Concept of airport Runway length
DAY 15	Highway pavements
DAY 16	Traffic Engineering
DAY 17	Environmental Engineering - Air pollution
DAY 18	water and wasterwater Treatment
DAY 19	Sewerage system design
DAY 20	Municipal solid wastes.
DAY 21	Gromatics - Engineering - processes
DAY 22	Errors and their adjustment.
	Maps-scale, Coordinate system.
DAY 23	photogrammetry and Remote
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DEPARTMENT OF CIVIL ENGINEERING LIST OF REGISTERED STUDENTS

_		T191 (Jr .	REGISTERED STUDENTS
S	NO	L HNO		
	_1	1		NAME OF THE STUDENT ACHE SAI KIRAN
_	_ 2			ARKA MAHESH
<u> </u>	_ 3	1		BANOTH NAVEEN
_	4	1 -0011		BANOTHU SANGEETHA
-	_5			BHANOTH PRAVEEN KUMAR
-	_6			BODA THARUN
	7	18U11A010		BOKKA BIXAM REDDY
-	8	18U11A011		BOLISHETTY LAXMAN
-	9	18U11A011		CHIGURU ANIL
-		18U11A0112		DARAVATH DIVYA
		18U11A0113	3	DHARAVATH NAVEEN
		18U11A0114	1	DHARAVATH PAVAN
		18U11A0116		GUGLOTH SURENDAR
		18U11A0117	1	GUGULOTH RAVI KUMAR
		18U11A0119	1.	IADHAV ARJUN
_		18U11A0120	7	UKANTI SRINIDHI
		18U11A0121	F	COTLA RAGHAVENDRA SAGAR
_		18U11A0122	Ī	AVANGU SAI SUMANTH
		8U11A0123	N	MADE KAMALAKAR
2		8U11A0124	N	AADHUR VIVEK REDDY
2		8U11A0125	N	UNAVATH NARENDAR
22		8U11A0126	P.	ASUPULETI GOPIKRISHNA
23	_	8U11A0127	R	AGAMSHETTI NARESH
24		8U11A0128	S	APAVAT KONDAIAH
25		BU11A0129	S	YED AZHAR HUSSAIN
26		BU11A0130	T	ATLA PAVAN KALYAN
27	_	U11A0131	UI	KA NAMDEV
28		U11A0134	Gi	JDARI CHANDRASHEKAR
29		U11A0136	K.	AITHOJU SAGAR
30		U11A0137		DLANU NIKHIL
31		U11A0138		ZAHEER
32		J11A0139		DTURI VINOD KUMAR
33		J11A0141	PO	LOJU SAI VAMSHI
34	180	J11A0143	TH	ATIKONDA SHASHIDHAR
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	COAT	_		
	SN	_	HNO	NAME OF THE STUDENT
		5	18U11A0152	A IMID ABBAS ALI SHATI
		6	19U15A0101	ALPOOR VASANTHI
		7	19U15A0102	C SNEHA
	3	_	19U15A0103	
	3	_	19U15A0104	GULAB BABURAT PRATAP STAGE
	40	0	19U15A0105	KARNE GOUTHAM
	4	1	19U15A0106	MALATKAR VINAYAK ANAND
	42	2	19U15A0107	MEGAVATH VISHAL RATHOD
	43	3	19U15A0108	PAYTA SONALIKA
	44	П	19U15A0109	POCHAM SAI KUMAR
	45	T	19U15A0110	ADDIGA SAI ABHISHEK
	46	1	19U15A0111	AKKALDEVI SHASHIKANTH
	47	_	19U15A0112	ANKLIVAD CHIVA WYR
l	48	_	19U15A0113	ANKUVAR SHIVA KUMAR
I	49	-	19U15A0114	ARUKALA GANESH
ľ	50	-	9U15A0115	ARUMULLA SHESHANK
ľ	51	_	9U15A0116	BANOTH SAMRAT
۲	52	~	9U15A0117	BARIGALA SHIVAPRASAD
	53	_	9U15A0118	BATHULA AJAY KUMAR GOUD
	54	_	9U15A0118	BHUKYA VENKATESH
	55	_		BHUKYA YAKUB
	56	_	9U15A0120	BOLLEDDU SOWJANYA
		_	9U15A0121	BOMPALLY VIJAY KUMAR
_	57	_	9U15A0122	BUKYA JEEVAN
_	58		U15A0123	BYRI SAI DEEPAK
	59	15	U15A0124	CHERUKUPALLI MANUSHA

TRAINING COORDINATOR

RINCIPALDA

Samskruthi College of Engg. & Technology Kondapur(V), Ghatkesar(M), Medchal (D)

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REPORT

DATE: 27/01/2021

NAME OF THE PROGRAMME: GATE COACHING

DATE: 14/12/2020 to 22/01/2021

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B. Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Civil Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

The following subjects taught by the following faculty:

S.No	Name of the subject	Subject expert
1	Geo Technical Engineering	Ms. V. Srujana
2	Strength Of Materials	Dr.CSC.Devadass
3	Environmental Engineering	Mr.J.Mohan
4	Water Resources Engineering	Mr.J.Rana Prathap
5	FM&HM	Mr.PMB Rajkiran
6	Surveying	Mr.P. Avinash
7	Transportation Engineering	Mr.KhajaKamranuddin
8	Design Of RCC and Steel Structures	Mr.P.Bikku
9	Engineering Mathematics	Mr.Shashichandar Rao
10	Hydrology	Mr.S.Mahesh

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list III and IV B.Tech Civil students whose participate in GATE class is also enclosed.

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	(18U11A0151)Sheikh Altaf	924	19,	
	18C21A0114 Rajoju Vennala	प्रदा र्व	1	
IR®	18U11A0124 <m.vivek reddy=""></m.vivek>	<u>प्रसर्व</u>	A.	
îp.	18U11A0126 P. Gopi Krishna	yzzá	Æ.	
	18U11AO113 [Dharavath Na	प्रदा व	J.	
	19U15A0101 A.Vasanthi	153 14	P	
IS	19U15A0102 Sneha C	9534	P	
1P	19U15A0109 P.SAIKUMAR	924	N.	į
S	19U15A0110,A. Sai Abhishek	6234	N.	5

Close Participants (52)

Waiting(2) Admit al

17C21A0103 Srikanth Nay... Joining...

17C21A0115 K Dattasai ea... Joining...

Participants(50)

Q Search

P Bikku (Host, ine)

(17C21A0122) Ganesh 💯 🞉 >

17C21A0105 Bhukya Vijay... 🥦 🔏 >

17C21A0106 Borra Mallikh... 💯 🗸 >

17C21A0109Dattu Yadav... 🛭 🎉 >

17C21A0113 Gutla Raju 💢 🎉 >

CQ-ORDINATOR

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College of Engg. & Techno

Samskruti College of Engg. & Technology Idapur (V), Ghatkesar (M), Medchal Dist нор



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-101(FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year Civil students attended for the Academic Year: 2020-2021

SNO	HNO	4/12	15/12	16%	17/2	15/	7%	22,	23/	24%	24	90,	4%	5%	4.	7/	81.	Ψ ₁	12/	10/.	19/	20/	21/2	1 22/		ili	T		,
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5	18U11A0107	P	P	P	P	ρ	_	Þ	P	ρ	_	P	P		P	P	ρ	P	<u>, </u>	A	P	P	P	P	Н	+	+	Н	+
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14	18U11A0117	P	P	P	P	ρ	P	ρ	P	P			P	P	P	Ð	P	P	P	A		P	P	P	†	Ħ	十	H	十
15	18U11A0119	B	P	P	P	ρ	P	P	P	P	P	A	P	P	P	P	P	ρ	P	P	ρ	P	P	P	Ť	Ħ	T	H	十
16	18U11A0120	P	P	ρ	P	P	P	P	Р	P	P	P	P	P	P	P	P	P	P	P	À	P	P	P	Ť	Ħ	Ħ	H	十
17	18U11A0121	P	P	P	P	P	P	P	P	P	P	P		P	P	P	ρ	ρ	P		ρ	P	_	P	1	Ħ	Ħ	H	十
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26	18U11A0130	P	P	P	P	P	P	P	P	À	P	P	_	-	- 1		_	-	9	P	ρ	P	P	P	t	H	H	\dagger	Ħ
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING <u>CIRCULAR</u>

Date: 08/12/2020

All the students of B.Tech III year are informed that the Department of Electrical and Electronics Engineering is conducting "GATE COACHING CLASSES" scheduled from 14/12/2020 to 22/01/2021 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE. Enroll your names through the given link below on or before 11/12/2020. Schedule for GATE coaching classes will be issued soon.

Note:- Kindly install ZOOM App to get access to the classes.

HOD-EEE

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. Notice Board

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability, probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability

Section 2: Electric circuits

Network elements: ideal voltage and current sources, dependent sources, R, L, C, M elements; Network solution methods: KCL, KVL, Node and Mesh analysis; Network Theorems: Thevenin's, Norton's, Superposition and Maximum Power Transfer theorem; Transient response of dc and ac networks, sinusoidal steady-state analysis, resonance, two port networks, balanced three phase circuits, star-delta transformation, complex power and power factor in ac circuits.

Section 3: Electromagnetic Fields

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

Section 4: Signals and Systems

Representation of continuous and discrete time signals, shifting and scaling properties, linear time invariant and causal systems, Fourier series representation of continuous and discrete time periodic signals, sampling theorem, Applications of Fourier Transformfor continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform

Section 5: Electrical Machines

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three-phase transformers: connections, vector groups, parallel

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operation; Auto-transformer, Electromechanical energy conversion principles; DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, speed control of dc motors; Three-phase induction machines: principle of operation, types, performance, torque-speed characteristics, no-load and blocked-rotor tests, equivalent circuit, starting and speed control; Operating principle of single-phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance and characteristics, regulation and parallel operation of generators, starting of synchronous motors; Types of losses and efficiency calculations of electric machines

Section 6: Power Systems

Basic concepts of electrical power generation, ac and dc transmission concepts, Modelsand performance of transmission lines and cables, Economic Load Dispatch (with and without considering transmission losses), Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss-Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of overcurrent, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

Section 7: Control Systems

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

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

Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: biasing, equivalent circuit and frequency response; oscillators and feedback amplifiers; operational amplifiers: characteristics and applications; single stage active filters, Active Filters: Sallen Key, Butterwoth, VCOs and timers, combinatorial and sequential logic circuits, multiplexers, demultiplexers, Schmitt triggers, sample and hold circuits, A/D and D/A converters.

Section 10: Power Electronics

Static V-I characteristics and firing/gating circuits for Thyristor, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost Converters; Single and three-phase configuration of uncontrolled rectifiers; Voltage and Current commutated Thyristor based converters; Bidirectional ac to dc voltage source converters; Magnitude andPhase of line current harmonics for uncontrolled andthyristor based converters; Powerfactor and Distortion Factor of ac to dc converters; Singlephaseand three-phasevoltage and current source inverters, sinusoidal pulse width modulation.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1	18UI1A0201	ABHISHEK KUMAR JHA
_ 2	18U11A0202	GOLLA VENKATESWARLU
3	18U11A0203	MORE RANJITH
4	18U11A0205	THOTAKURA ANUSHA
5	18U11A0206	THOTAPALLY VARSHINI
6	18U11A0207	CHETKAR NITHISHKUMAR
7	18U11A0208	GULAIGARU SWATHI
8	18U11A0209	JEEDULA MANI SAI
		SAJJANAM PRAVEEN
9	18U11A0210	KUMAR
10	_18U11A0211	SHAIK SAMEER
11	18U11A0212	BIKASH SEN
12	19U15A0201	BOKKI MANOHAR
13	19U15A0202	GARIDEPALLI SATEESH
14	19U15A0203	MANCHA SUSMITHA
15	19U15A0204	MOHAMMED FAIZAN
16	19U15A0205	NADDUNURI USHA SRI
17	19U15A0206	P RAMESH
18	19U15A0207	AGGI NIKHILESH
19	19U15A0208	BACHU SAI SUDHEER
20	19U15A0209	BANOTH PRAVEEN
21	19U15A0210	BIRUKURI BALAKRISHNA
		CHAINABOINA SHRAVAN
22	19U15A0211	KUMAR
23	19U15A0212	CHIKKA AKHIL
24	101115 4 0010	CHINNAGADDAM VIJAY
24	19U15A0213	REDDY CHINTHAKAYALA GANESH
25	19U15A0214	GARSHAKOTA ANJITH
26	19U15A0215	KUMAR
27	19U15A0216	GOUDA NAVEEN KUMAR
28	19U15A0217	GUNDU RAHUL
29	19U15A0217	K JAYA SAI ROHITA
30	19U15A0219	KARINGULA BALRAJ
\vdash		KONTHAM NAVEEN KUMAR
31	19U15A0220	KOTHI PRADEEP
32	19U15A0221	ROTHIFRADEEF

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

33	19U15A0222	MANCHINILLA PRASHANTH
34		METHUKU ARAVIND
35	19U15A0224	MUDA KISHORE
36	19U15A0225	MUDE LAKSHMA VISHNU NAICK
37	19U15A0226	NEKNATH RAHUL GHAN SHYAM
38	19U15A0227	PAGADALA PRANITHA
_ 39	19U15A0228	PENTABOINA GIRI
40	19U15A0229	PITTALA SURAJ KUMAR
41	19U15A0230	POTHARAJU RAKESH
42	19U15A0231	PULIGILLA SAI KUMAR
43	19U15A0232	PUTTA NAVEENA
44	19U15A0233	RAJAMANDRI KARTHIK
45	19U15A0234	RATNAPURAM DILIP KUMAR
46	19U15A0235	RIKKULA SATYANARAYANA
47	19U15A0236	SOMA AJAY KUMAR
48	19U15A0237	TARUN BANGARUGADDA
49	19U15A0238	TAUDALA KIRANKUMAR
50	19U15A0239	THATIPAMULA ARUNKUMAR
51	19U15A0240	VADIGE SRI SHASHANK
52	19U15A0241	VANGALA NARESH
53	19U15A0242	VANKODOTHU AKHIL BALARAM
54	19U15A0243	VATTIPALLY RANJITH
55	19U15A0244	YEDDULA ANAND
56	19U15A0245	YERRA MAHAENDAR

COORDINATOR

HOD

Samskruti College of Engg. & Technology
Vondanur (V) Ghatkesar (M), Medchal Dist



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-321(3RD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year EEE students attended for the Academic Year: 2020-2021

der- Jan.

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. 7	18U11A0208	P	P	P	P	P	P	P	P	P	A	Р	A	12	Р	P	9	P	P	P	P	P	P	P		T	П	П
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12	19U15A0201	P	P	P	P	P	P	A	Р	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P			П	
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34	19U15A0223	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	Р	P	Р	A	p	P	Р
35	19U15A0224	Α	P	P	P	ρ	P	P	1>	P	h	A	12	P	P	P	P	P	P	P	n	P	A
36	19U15A0225	P	P	A	P	P	P	P	P	12	P	Р	P	P	P	P	P	A	A	P	P	P	Ρ
37	19U15A0226	Ρ	P	Р	Р	P	P	P	P	A	P	P	P	P	ρ	P	P	P	P	Ρ	P	5	Ρ
38	19U15A0227	ρ	P	P	P	P	P	P	Р	Р	P	Þ	P	P	P	P	P	P	P	P	7	P	A
39	19U15A0228	Α	P	Þ	P	P	Р	P	P	P	P	A	P	A	ρ	P	D	P	P	P	P	P	P
40	19U15A0229	A	P	A	p	P	A	A	P	P	P	P	P	12	Þ	P	P	Þ	P	P	P	A	P
41	19U15A0230	ρ	P	P	Р	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	ρ	A
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46	19U15A0235	P	7	P	P	Þ	P	P	P	P	ρ	P	P	A	P	Р	P	Þ	P	P	7	D	P
47	19U15A0236	A	P	P	P	P	P	P	Λ	P	A	P	P	A	A	A	D	Р	A	P	A	2	A
48	19U15A0237	ρ	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	D	P	p	P	ρ
49	19U15A0238	P	P	P	ק	P	P	Р	A	P	Р	A	P	P	Р	Þ	P	P	P	P	P	A	P
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52	19U15A0241	ρ	P	P	P	P	A	Α	Р	P	P	P	A	Р	P	P	P	P	P	P	P	P	P
53	19U15A0242	P	7	P	P	P	P	P	A	n	P	P	P	P	P	P	P	P	P	P	P	P	P
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CO-ORDINATOR

HOD

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.







DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Introduction to Gate syllabu
DAY2	Lineagn Algebra.
DAY3	calculus
DAY 4	differential equations
DAY 5	Vector Analysis
DAY 6	Electric ciercuits
DAY 7	R, L, c posicimeters
DAY 8	Network Theorems.
DAY 9	Transient response
DAY 10	Electéomagnetic fields
DAY 11	signal and systems
DAY 12	Electrical Machines.
DAY 13	Transformen, De machines

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Disc



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

DAY 14	Ac machines
DAY 15	Powen System
DAY 16	Transmission, distribution
DAY 17	control system
DAY 18	Long, lead, Lead-lag compensation
DAY 19	Electrical Measurements
DAY 20	Analog and digital Electronics
DAY 21	Electronic measurements
DAY 22	power electronics
DAY 23	conclusion of Grate Exam

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Kondapur (V), Ghatkesar (M), Medchal Dis



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



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Kondapur(V), Ghatkesar(M), Medchal(Dist)

<u>REPORT</u>

DATE: 27/01/2021

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 14/12/2020 to 22/01/2021

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of ELECTRICAL AND ELECTRONICS ENGINEERING has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III EEE students who participated in GATE classes is enclosed.

CO-ORDINATOR

Principal Samskruti College of Engg. & Technology Kondapur (V), Ghaikesar (iM), Medchal Dist



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF MECHANICAL ENGINEERING CIRCULAR

Date: 08/12/2020

All the students of B.Tech III year are informed that the Department of Mechanical Engineering is conducting "GATE COACHING CLASSES" scheduled from 14/12/2020 to 22/01/2021 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE. Enroll your names through the given link below on or before 11/12/2020. Schedule for GATE coaching classes will be issued soon.

Note:- Kindly install ZOOM App to get access to the classes.

HOD-ME

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. All HODs

4. Notice Board

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Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Date



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Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF MECHANICAL ENGINEERING

SYLLABUS FOR GATE CLASSES

Section 1: Engineering Mathematics

Linear Algebra -Linear equations, Matrix algebra, eigenvalues and eigenvectors.

Differential equations - Linear and nonlinear, Euler-Cauchy equation; higher-order linear differential equations with constant coefficients, initial and boundary value problems; solutions of heat, wave and Laplace's equations; Laplace transforms.

Calculus - Evaluation of definite and improper integrals; Functions of single variable, limit, continuity and differentiability, mean value theorem, indeterminate forms; double and triple integrals; total derivative, partial derivatives, maxima and minima, Taylor series (in one and two variables), Fourier series; divergence and curl, gradient, vector identities, line, directional derivatives, surface and volume integrals, and Green's theorems and applications of Gauss, Stoke.

Probability and Statistics - Probability, conditional probability; sampling theorems; median, mean, mode and standard deviation; binomial, random variables, normal and Poisson distributions.

Numerical Methods - Integration by trapezoidal and Simpson's rules; - Numerical solutions of linear and non-linear algebraic equations; single & multi-step for differential equations.

Complex variables - Cauchy-Riemann equations; Analytic functions, Taylor and Laurent series. Cauchy's integral theorem & integral formula

Section 2: Applied Mechanics and Design

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

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Ers. Engineering Mechanics - Trusses and frames; Free body diagrams and equilibrium, virtual work; impulse and momentum (linear and angular), kinematics and dynamics of particles & of rigid bodies in plane motion and energy formulations, collisions.

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.

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

Vibrations - Effect of damping, Free and forced vibration of single degree of freedom systems, resonance, vibration isolation, critical speeds of shafts.

Section 3: Fluid Mechanics and Thermal Sciences

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

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

Applications - Power Engineering, I.C. Engines, Refrigeration and air-conditioning and Turbomachinery

Thermodynamics - Properties of pure substances, thermodynamic systems and processes, the behaviour of ideal and real gases, calculation of work and heat in various processes, zeroth and first laws of thermodynamics, the second law of thermodynamics, thermodynamic relations and thermodynamic property charts and tables, availability and irreversibility

Samskruti College of Engg. & Technolo-Kondapur (V), Ghatkesar (M), Medchal Dist.

Section 4: Materials, Manufacturing and Industrial Engineering

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

Engineering Materials - Phase diagrams, structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials.

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

Computer Integrated Manufacturing - Concepts of CAD/CAM and their integration tools.

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

Production Planning and Control - Aggregate production planning, forecasting models, materials requirement planning and scheduling.

Operations Research - Simplex method, linear programming, transportation, network flow models, assignment, simple queuing models and PERT & CPM.

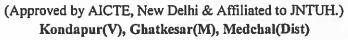
Inventory Control - Safety stock inventory control systems, Deterministic models.

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Samskruti College of Engg. & Technolo-Kondapur (V), Ghatkesar (M), Medchal Disi







DEPARTMENT OF MECHANICAL ENGINEERING DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Linear equations, Matrix algebra, eigenvalues and eigenvectors/ Differential equations
DAY2	Evaluation of definite and improper integrals; Functions of single variable, limit, continuity and differentiability, mean value theorem, indeterminate
DAY 3	Probability and Statistics - Probability, conditional probability; sampling theorems; median, mean, mode and standard deviation; binomial, random variables, normal and Poisson distributions
DAY 4	Complex variables - Cauchy-Riemann equations; Analytic functions, Taylor and Laurent series.
DAY 5	Trusses and frames; Free body diagrams and equilibrium, virtual work; impulse and momentum (linear and angular), kinematics and dynamics of particles & of rigid bodies in plane motion and
DAY 6	Design for static and dynamic loading, Failure theories, fatigue strength and the S-N diagram, gears, shafts, rolling and sliding contact bearings, springs, brakes and clutches, principles of the design of machine elements like riveted, bolted and welded joints
DAY 7	One-dimensional heat conduction, modes of heat transfer, heat transfer through fins, resistance concept & electrical analogy, lumped parameter system, unsteady heat conduction, Heisler's charts, dimensionless parameters in free and forced convective heat transfer, thermal boundary layer, heat transfer correlations for flow over flat plates and through pipes, heat exchanger performance,
DAY 8	Fluid statics, properties, manometry, buoyancy, stability of floating bodies, forces on submerged bodies, control-volume analysis of mass, fluid acceleration, momentum and energy, differential equations of continuity and momentum

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DAY 9	Power Engineering, I.C. Engines, Refrigeration and
	air-conditioning and Turbomachinery
DAY 10	Properties of pure substances, thermodynamic systems and processes, the behaviour of ideal and real gases, calculation of work and heat in various processes, zeroth and first laws of thermodynamics,
	the second law of thermodynamics, thermodynamic
DAY 11	relations and thermodynamic property charts and
	tables, availability and irreversibility
DAY 12	Design of patterns, moulds and cores, Different types of castings, solidification and cooling, riser & gating design, fundamentals of hot and cold
DAY 13	drawing, rolling, forging, extrusion) and sheet (deep drawing, shearing, bending), principles of powder metallurgy, metal forming processes
DAY 14	Phase diagrams, structure and properties of engineering materials, heat treatment, stress-strain diagrams for engineering materials
DAY 15	Basic machine tools, Mechanics of machining, single and multi-point cutting tools, tool life and wear, tool geometry and materials, the economics of and fixtures.
DAY 16	Concepts of CAD/CAM and their integration tools
DAY 17	- Linear and angular measurements, Limits, fits and tolerances & comparators; gauge design, interferometry,
DAY 18	alignment and testing methods, form and finish measurement, tolerance analysis in manufacturing and assembly
DAY 19	Aggregate production planning, forecasting models, materials requirement planning and scheduling
DAY 20	Simplex method, linear programming, transportation, network flow models, assignment, simple queuing models and PERT & CPM
DAY 21	Safety stock inventory control systems, Deterministic models
	M.

coordinator

HOD

PRINCIPAL

Samskruti College of Engg. & Technolow Kondapur (V), Ghatkesar (M), Medchal L



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF REGISTERED STUDENTS

1 18U11A0301 BELLAPUKONDA AKSHITH REDDY 2 18U11A0302 K MADHU 3 18U11A0303 K VARA PRASAD 4 18U11A0304 BASAVA TARUNSAI 5 18U11A0305 JORKA OM PRAKASH 6 18U11A0306 KAKI MADHU KUMAR REDDY 7 18U11A0307 KARRI SAI VINAY 8 18U11A0308 YAKKATI VIKAS 9 18U11A0309 K MALLESH 10 18U11A0310 RAMIDI VISHWANATH REDDY 11 19U15A0301 AKAVARAM VAMSHI KRISHNA 12 19U15A0302 BAYYARAM SHRAVAN KUMAR 13 19U15A0303 KURA RAJ KUMAR 14 19U15A0304 MAALE SAI AKHIL 15 19U15A0305 MOHD NAZEERUDDIN 16 19U15A0306 SHAMAKURI RAJU 17 19U15A0307 SIRIGIRI LAXMI 18 19U15A0308 TEJAVATH VINAY 19 19U15A0309 UPPALA SHIVA KUMAR 19 19U15A0310 UPPALA YASHWANTH 21 19U15A0311 BADHAVATH NAGARAJU 22 19U15A0312 C JAYANTH 23 19U15A0313 CHANAVATH PRAVEEN KUMAR 24 19U15A0314 CHEERA PARAMESH 25 19U15A0315 CHERUKULA MALLESH 26 19U15A0316 CHINNAM VIJAY KUMAR 27 19U15A0317 GUBBALA DURGA GANESH 28 19U15A0318 GUDA VINISH 29 19U15A0319 GUDUGUNTLA RAKESH 30 19U15A0320 KOCHARLA PRADEEP 31 19U15A0321 KOMMURI GNANESHWAR REDDY 32 19U15A0322 KOSURU SRINIVA 33 19U15A0324 LAKKIMSHETTY SHESHAGIREESH 34 19	SNO	HNO	NAME OF THE STUDENT
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	34	19U15A0324	LAKKIMSHETTY SHESHAGIREESH

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dis

SNO	HNO	NAME OF THE STUDENT
35	19U15A0325	MD IMTHIYAZ
36	19U15A0326	PAMARTHI NAVEEN SAI
37	19U15A0327	PERKA RAJESH
38	19U15A0328	REDDABOINA LAXMAN
39	19U15A0329	REDDABOINA RAMU
40	19U15A0330	S KARTHIK
41	19U15A0331	S SUNIL
42	19U15A0332	SEETHALA MAHESH
43	19U15A0333	SHAIK ABDUL NASAR
44	19U15A0334	SINGA LIKHIT
45	.19U15A0335	TEMBARENI HARICHARAN
46	· 19U15A0336	THALLA UDAY GOUD
47	19U15A0337	THIRUKKOVALLUR U SHRAVAN
48	19U15A0338	TUDI SAIKIRAN
49	19U15A0339	TUPAKI PRAKASH
50	19U15A0340	U.KARTHIK

CO-ORDINATOR

HOD

PRINCIPAL

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal Dist



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DEPARTMENT OF MECHANICAL ENGINEERING

REPORT

DATE: 27/01/2021

NAME OF THE PROGRAMME: GATE COACHING

DATE: 14/12/2020 to 22/01/2021

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of Mechanical Engineering has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

Students are taught different subjects like:

S.No	Name of the Subject	Subject Expert
1	Engineering Mechanics	Mr. Veerendra Prasad
2	Mechanics of Materials	Mr. B.Gopi Chand
3	Theory of Machines	Dr. K.Vijay Kumar
4	Machine Design	Mr. D.Naveen
5	Heat-Transfer	Mr. B.Ramesh
6	Fluid Mechanics	Mr. P.Chandra Bhushnam
7	Thermodynamics	Mr. P.Thirupathaiah
8	Engineering Materials	Mr. S.Naresh
9	Manufacturing and Industrial Engineering	Mr. B. Venkatesh
10	Computer Integrated Manufacturing	Mr.D.Gayatri
11	Production Planning and Control	Mr. J. Vishwas
12	Operations Research	Mr.S. Sateesh

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score by in the exam. The students have expressed that the coaching was very helpful. The list of B.Tech III year Mechanical students who participate in GATE class is also enclosed.

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist



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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING

VENUE: ROOM NO-306 (THIRD FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year Mechanical students attended for the Academic Year: 2020-2021

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Full COORDINATOR

HOD

Principal Samskruti College of Engg. & Technology Kondapur (V), Ghalkesar (M). Medchal Dist.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CIRCULAR

Date: 08/12/2020

All the students of B.Tech III year are informed that the Department of ELECTRONICS AND COMMUNICATION ENGINEERING is conducting "GATE COACHING CLASSES" scheduled from 14/12/2020 to 22/01/2021 (04:30PM to 06:30PM). All the students are request to utilize this wonderful opportunity to crack the competitive exam like GATE .Enroll your names through the given link below on or before 11/12/2020.Schedule for GATE coaching classes will be issued soon.

Note:- Kindly install ZOOM App to get access to the classes.

Link: https://us05web.zoom.us/j/83262595673?pwd=SIFrRWN6YTd0bXNIQ1owOXV4MksyQT09

M, M HOD-ECE

CC to

1. Hon'ble Chairman /Secretary-For information

2. Principal Office

3. All HODs

4. Notice Board

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics:

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

Calculus: Mean value theorems, theorems of integral calculus, evaluation of definite and improper integrals, partial derivatives, maxima and minima, multiple integrals, line, surface and volume integrals, Taylor series.

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 Stokes' theorems. Complex Analysis: Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, sequences, series, convergence tests, Taylor and Laurent series, residue theorem.

Probability and Statistics: Mean, median, mode, standard deviation, combinatorial probability, probability distributions, binomial distribution, Poisson distribution, exponential distribution, normal distribution, joint and conditional probability.

Section 2: Networks, Signals and Systems

Circuit analysis: Node and mesh analysis, superposition, Thevenin's theorem, Norton's theorem, reciprocity. Sinusoidal steady state analysis: phasors, complex power, maximum power transfer.

Time and frequency domain analysis of linear circuits: RL, RC and RLC circuits, solution of network equations using Laplace transform. Linear 2-port network parameters, wye-delta transformation.

Continuous-time signals: Fourier series and Fourier transform, sampling theorem and applications.

Discrete-time signals: DTFT, DFT, z-transform, discrete-time processing of continuous-time signals. LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeroes, frequency response, group delay, phase delay.

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Section 3: Electronic Devices

Energy bands in intrinsic and extrinsic semiconductors, equilibrium carrier concentration, direct and indirect band-gap semiconductors.

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.

Section 4: Analog Circuits Diode circuits:

clipping, clamping and rectifiers. BJT and MOSFET amplifiers: biasing, ac coupling, small signal analysis, frequency response. Current mirrors and differential amplifiers.

Op-amp circuits: Amplifiers, summers, differentiators, integrators, active filters, Schmitt triggers and oscillators.

Section 5: Digital Circuits

Number representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders.

Sequential circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data converters: sample and hold circuits, ADCs and DACs.

Semiconductor memories: ROM, SRAM, DRAM. Computer organization: Machine instructions and addressing modes, ALU, data-path and control unit, instruction pipelining.

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, Routh-Hurwitz 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, superheterodyne receivers.

Information theory: entropy, mutual information and channel capacity theorem.

Digital communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

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Section 8: Electromagnetics

Maxwell's equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector.

Plane waves and properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth.

Transmission lines: equations, characteristic impedance, impedance matching, impedance transformation, Sparameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DAY WISE SESSION PLAN

DAY1 OP-amp circuit DAY2 BJT, MOS FET DAY3 A DCs & DACS DAY4 ROM, SRAM, DRAM DAY5 AOuth-Hurwitz	
DAY3 A DCs & DACs DAY4 ROM, SRAM, DRAM DAY5 Routh-Hurwitz	
DAY4 ROM, SRAM, DRAM DAY5 Routh-Hurwitz	
DAYS Routh-Hurwitz	
7.00(1) -1/010762	
DAY 1 1 1 1 1 1 1 1	
DAY6 Nyquist stability criterio	ι.
DAY7 Bode & voot locus plots	
DAY8 Properties of white nois	٦
DAY9 Amplitude modulations	
DAY 10 PCM, DPCM	
DAY II differential & integral forms their interpretation	
DAY 12 reflection & refraction	
DAY 13 dipole and monopole anter	ina

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	1-
DAY 14	Matrin algebra: eigenvalues, Eigen vectors
DAY 15	Maxima & minima, multiple Integral
DAY 16	Cauchy's de Euler's Equations
DAY 17	Green's and stokes-theorem
DAY 18	binominal distribution, poisson
DAY 19	Superposstson iTherenin's Theorm
DAY 20	RL, RC & RLC Circuits
DAY 21	Fourier Series & fourier Frankform
DAY 22	DTFT, DFT, Z-Transform
DAY 23	LTI systems

10

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REPORT

DATE: 27/01/2021

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 14/12/2020 to 22/01/2021

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B.Tech students for GATE and other Competitive exams.

As per the direction given by the management, the Department of ELECTRONICS AND COMMUNICATION ENGINEERING has planned to conduct GATE Coaching Classes during working days from 04:30PM to 06:30PM.

The following subjects taught by the following faculty:

S.No	Name of the Subject	Subject E
1	Engineering Mathematics	Subject Expert
2	Analog Circuits Diode circuits:	MS-D Rupa lakshing
3	Networks, Signals and Systems	Maryakan Kuman
4	Electronic Devices circuits	Mrs. K. Vanilree
5	Digital Circuits	Mx-M. Szeenikasid
6	Control Systems	Mar V Sandeep Kumaan
7	Communications	Mar-A Sworth Gapta
8	Electromagnetics	MYJ. Y. Talajakohi
9	Reasoning and Quantitative Aptitude.	Dn. P Ashok Kuman
	Zamentari ve Aptitude.	MS-D Rupa lakshmi

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III ECE students who participated in GATE classes is enclosed.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING LIST OF REGISTERED STUDENTS

SNO	HNO	NAME OF THE STUDENT
1		YENNETI JASWINI
2		MUTTAMSETTY SHIREESHA
3		GUTTULA SIREESHA DEVI
4		MALUGU NITHIN KUMAR
5		NARSING SIRI PALLAVI
6		ALIMA SAI SRUTHI
7		APOORV MANE
8	18U11A0403	AUSTIN GEORGE
9		BANDLA SAI SHIRISHA
10	18U11A0405	BANOTHU ARCHANA
11	18U11A0406	BATTULA VISHNU VARDHAN
12	18U11A0407	BELIDE VAMSHI RAJ
13	18U11A0408	BENDABEMBLI BHAVESH REDDY
14	18U11A0409	BODAPOTHULA ROHINI
15	18U11A0410	BOREDDY LAKSHMIDEVI
16	18U11A0411	CHENNADI SATHWIKA
17	18U11A0412	CHINTAPARTI RIHARIKA
18	18U11A0413	DASARI ARAVIND
19	18U11A0414	DUDIPALA MADHUMITHA
20	18U11A0415	DUSSA SRI HARSHAVARDHAN
21	18U11A0416	DYAPA THARUN
22	18U11A0417	ENUGU SANDEEP REDDY
23	18U11A0418	GAJAM SANTHOSHKUMAR
24	18U11A0419	GEDALA DURGA PRASAD
25	18U11A0420	GORLA GOWRI PRIYA
26	18U11A0421	GURRAM ANUSHA
27	18U11A0422	HALAVATH BHASKAR
28	18U11A0423	KOMPELLY SAHANA
29	18U11A0424	KONDA SHIVANI
30	18U11A0425	KORICHERLA SAI KIRAN
31	18U11A0426	M GRISHMA
32	18U11A0427	MACHA MUKTHEESHWAR
33	18U11A0428	MANIKONDA SRI CHARAN
34	18U11A0429	MANNE SHISHIR SAI

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SNO	HNO	NAME OF THE STUDENT
35	18U11A0430	MOOLAMPALLY ANANYA
36	18U11A0431	MOSALI SHASHIKIRAN REDDY
37	18U11A0432	P V S BENI RAVI KIRAN
38	18U11A0433	P VAISHNAVI
39	18U11A0434	PAGADALA RAGHU VARMA
40	18U11A0435	PAILLA SAI PRIYA
41	18U11A0436	PULIGILLA ANUSHA
42	18U11A0437	PUSKURI SAI CHARAN
43	18U11A0438	SRIRAMULA JYOTHIRMAI
44	18U11A0439	SURA VISHNU
45	18U11A0440	SWARNALATHA UPPARI
46	18U11A0441	TUMMALA VENKAT REDDY
47	18U11A0442	VEERAMALLI AKHILA
48	18U11A0444	YENNAMANENI ABHINAYA
49	18U11A0445	A G S S S SARAVNI
50	18U11A0447	B NEHA
51	18U11A0448	BOMMAKANTI VENKATA
52	18U11A0449	G VAISHNAVI
53	18U11A0450	DANTURI NISHITHA
54	18U11A0454	GURAJAPU SAHITI
55	18U11A0455	HOSEKER SAI CHANDRASEKAR
56	18U11A0456	JONATHAN ABHISHEK
57	18U11A0457	K DEEKSHA
58	18U11A0459	KAKOLLU SRIKANTH
59	18U11A0460	KALLEM KRISHNA SANJAY
60	18U11A0463	MAJI RAKESH
61	18U11A0464	MOHAMMAD AFREEN
62	18U11A0465	MOHAMMAD FAZAL
63	18U11A0466	NALACHERVU SRIHARI
	18U11A0467	P KALPANA
65	18U11A0468	P S ABHISHEK
66	18U11A0469	BUKKA SRI CHANDANA
67	18U11A0470	RAYABARAPU MOUNIKA
68	18U11A0471	RAYANABOINA RAKESH
69	18U11A0472	SHAIK MASTHAN VALI
70	18U11A0473	SHAIK MULLA MEERA HUSSAIN
71	18U11A0474	SIRIKONDA PAVAN
72	18U11A0475	SRIRANGAM THARUN KUMAR
73	18U11A0477	THUNIKIPATI TEJASWINI
74	18U11A0478	V AMRUTH RAJ KUMAR

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75	18U11A0479	VALLURI SESHA PRANEETH
76	18U11A0480	VANAM SRIKAR
77	18U11A0481	ARIFUR RAHMAN MOLLICK
78	18U11A0483	CHEERKA SHIVA PRASAD REDDY
79	18U11A0487	MD.SHUYAEB KHAN
80	18U11A0488	MEKALA BHARGAVI
81	18U11A0491	VESAPOGU LEVIN
82	19U15A0401	AYYAGALLA PAVITHRA
83	19U15A0402	BARLAPATI AMULYA
84	19U15A0403	BHEEMAGONI BHARGAVI
85	19U15A0404	GOMASA RAJESH
86	19U15A0405	K PRIYANKA
87	19U15A0406	MUDAM SUDEEP
88	19U15A0407	NANDIPATA ARAVIND
89	19U15A0408	POKURI RAMA KRISHNA
90	19U15A0409	SEETHA BHARATH KUMAR
91	19U15A0410	YASOJU NIKHIL
92	19U15A0411	ARYA SHIVA SAI PRASAD
93	19U15A0412	GUDUGUNTLA SUSHMITHA
94	19U15A0413	GUNDIMEDA SRI GANESH
95	19U15A0414	HAZARI SAI RAHUL
96	19U15A0415	KODEPAKA SANJAY KUMAR
97	19U15A0416	MANTRI LAXMI TEJA
98	19U15A0417	MOOLA RAJESHWARI
99	19U15A0418	RACHA MANASWINI
100	19U15A0419	REBBA RAMA KRISHNA
101	19U15A0420	SOMESETTY KALYANI
102	19U15A0421	YERRAGUNTLA SANDHYA

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NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-217(SECOND FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year ECE students attended for the Academic Year: 2020-2021

SNO	HNO	14/12	15/12	16/12	17/12	14,2	9/12	2¥, 2	1/2	23/12	24/12	14/2	24/0	19 / ₁₂	3b/	31/6	261	1/6	5/.	6/1		1/1	<u> </u>		17/1	20/	2 / ₁ 2	
1	17U11A0480	P	ρ	P	P	P	P	A	ρ	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	2	<u>P</u> 1	٢
2	18C21A0410	P	p	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	PI	
3	18C21A0419	P	Ρ	A	P	P	٩	P	A	P	P	A	P	P	9	ρ	P	P	2	P	A	P	P	1	P	P	~~	٩
4	18C21A0421	P	A	P	P_	P	A	P	P	P	P	ρ	P	Ρ	P	P	P	P	P	P	P	P	₽	P	P	P	91	<u>A</u>
5	18C21A0424	P	ρ	P	P	P	P	P	P	P	A	P	P	P	2	P	P	P	P	P	P	P	P	ħ	P	P	/	2
6	18U11A0401	ρ	Р	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	7	P	P	P	P	P	PF	<u> </u>
7	18U11A0402	A	р	P	P	A	P	P	P	P	P	P	P	P.	P	12	P	2	P	P	2	P	P	P	P	A	P	
8	18U11A0403	P	P	P	P	P	P	P	A	1	P	Р	P	P	A	P	P	P	2	P	P	P	9	P	P	A		의
9	18U11A0404	P	2	P	P	P	P	P	L	Ρ	P	P	P	P	9	A	[2]	2	2	7	2	P	#		P	P	μ_{μ}	ឮ
10	18U11A0405	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	9	P	<u>P</u>	A	P	P	P	P	P	Ľ	P 1	긔
11.	18U11A0406	P	P	Р	P	A	P	P	<u>P</u>	1	P	P	P	P	P	9	P	P	P	Y	2	P	P	P	2	1	P	片
12	18U11A0407	P	A	P_	P	P	P	A	P	P	P	P	P	P	A	P	A	ደ	P	P	7	P	P	P	ŗ	<u>r</u>	P	Ц
13	18U11A0408	A	P	Р	P	Ρ	P	P	<u> </u>	P	P	P	ρ	P	P	-	2		<u>19</u>	P	P	A	P	P	P	P		A
. 14	18U11A0409	P	P	A.	P	P	P	P	P	P	P	-	P	P	P	P		A	P	P	P	P	-	+	+-	2		2
15	18U11A0410	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2	P	P	9	P		P	!!- !		
16_	18U11A0411	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	9	P	P	9	P	A	P	μ	
17	18U11A0412	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	19	_	A	P	\Box	2
18	18U11A0413	ρ	P	P	P	A	P	A	P	P	P	A	p	P	A	P	A	P	P	P	P	1	F	_	P	A		P
19	18U11A0414	P	ρ	P	P	P	P	P	P	<u> </u>	P	P	P	P	P	P	9	P	Ð	P	P	P	P	P	P	P	P	<u>[</u>
20	18U11A0415	P	P	P	P	P	P	P	P	P	9	P	P	P	A	P	P	P	P	P	P	_	A		P	P	11	2
21	18U11A0416	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	9	18	P	1	P	P	μ_{μ}	2
22	18U11A0417	P	ρ	P	A	P	Ρ	P	A	P	<u> P</u>	P	P	P	P	P	P	P	P	P	12	1	P	┵	P	P	╀╼┼	P
23	18U11A0418	A	P	Ρ	P	A	P	P	P	A	P	P	p	P	P	A	P	P	P	P	P	+ -	<u>' </u>	++	P	P		A
24	18U11A0419	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	Р	P	P	P	I P	-1-	1	_	P	ľ	111	P
25	18U11A0420	P	P	P	P	A	9	A	P	P	P	P	P	P	P	P	P	A	P	Y	P	1.0	7	+ -	P	P		2
26	18U11A0421	P	P	A	P	P	P	2	A	18	P	P	!-/	P	P	P	n	ш	P	1	1	4 **	P		1.	, , ,		
27	18U11A0422	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2	P	P		P	₽~~	P	+-		P	₩.	9
28	18U11A0423	IP	P	P	fl	P	P	P	P	1	P	P	P	P	P	P	P	9	P	P	P	1	16	++	1 .	Ľ	144	2
29	18U11A0424	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	19	1	۶ ۶	' F	12	Ī	P	2
30	18U11A0425	P	P	P	P	P	P	P	P	1 P	P	P	P	P	P	P	A	P	A	P	P	P	<u> </u>	71	'P	P	1	
31	18U11A0426	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	12	1	1	P	1/	ľ		P
32	18U11A0427	P	ρ	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	9	1	' f	1	P	P		<u>P</u>
33	18U11A0428	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	f.	P	P	۱۲	1	P	18	P	P
34	18U11A0429	P	P	P	P	P	P	P	3	P	P	P	P	P	P	A	P	P	P	P	P	1	} {	18	, b	P	P	2
		15	_	<u> </u>	1 1		<u> </u>	, ,	_	1 -	17				-		_	-1/			•							_

Principal

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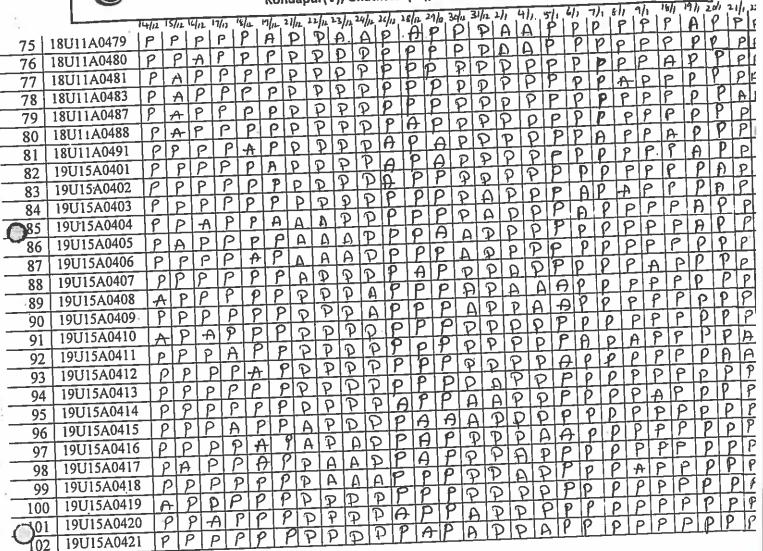


SNO	HNO	14/12	15/12	16/11	13/12	18/12	19/2	21/12	2-2/	234.	24/2	26/2	28/	29/12	36/12	31/0	2/01	4/01	5/01	6/01	7/01	8/01	9/01	18/21	19/01	20/01	14.
35	18U11A0430	P	P	P	Ò	D	0	A	Ď	P	P	P	0	P	P	ρ	0	P	P	A	ρ	-01	D	ρ	P	P	7
36	18U11A0431	D	9	P	p	P	ρ	p	A	P	P	P	D	P	P	p	P	P	P	P	P	P	p	A	P	P	b
37	18U11A0432	P	D	A	P	P	0	p	P	ρ	P	P	P	A	P	P	P	P	ρ	P	P	P	P	P	P	P	P
38	18U11A0433	P	p	P	P	A	ρ	p	P	ρ	ρ	P	P	P	P	p	Р	ρ	A	P	A	A	P	P	P	P	A
39	18U11A0434	A	P	P	P	P	P	P	P	P	A	P	P	·P	P	P	A	P	Ρ	P	P	ρ	P	Р	P	A	P
40	18U11A0435	P	P	P	P	P	A	p	P	p.	p	P	P	P	P	P	,P	P	p	P	ρ	P	9	12	P	P	P
41	18U11A0436	P	P	P	P	P	ρ	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	2	P	P	Ð
42	18U11A0437	Р	P	P	p	P	P	p	p	P	P	9	P	P	P	P	P	P	P	P	9	P	P	P	A		P
43	18U11A0438	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	Ĥ	р	P	P	P	P	P	P		P
44	18U11A0439	Р	P	P	P	P	P	n	P	2	ρ	<u>P</u>	P	P	P	P	P	P	À	P	Ρ	P	P	P	P		2
45	18U11A0440	P	P	P	P	P	P	P	P	P	P	<u>P</u>	P	P	P	P	P	_P_	P	P	P	P	Р	P	P	-	2
46	18U11A0441	P	P	P	P	P	P	<u>P</u>	P	P	P	2	P	2	P	2	P	P	P	?	P	P	P	P		-	2
47	18U11A0442	P	P	P	P	P	P	P	A	Ρ	P	P	P	P	P	Ρ	P	Р	P	P	P	-	Ď	P	P		2
48	18U11A0444	P	ק	P	P	2	A	ρ	P	P	Р	A	P	P	P	ρ	P	Ď	P	7	ρ	Ρ	2	Р	A		2
49	18U11A0445	A	P	P	P	ρ	P	ρ	P	P	P	ρ	A	P	P	P	A	Ъ	P	2	h	P	2	2	P		P
50	18U11A0447	P	P	A	P	P	P	Ρ	P	P	A	P	P	P	P	P	P	-	P	P	A	P	P	P	Y	-	P
51	18U11A0448	p	9	P	A	P	P	P	5	P	Р	<u>p</u>	P	P	P	2	P	Α	P	P	P	P	Р	P	P		2
52	18U1iA0449	P	A	P	P	P	2	P	P	A	P	P	P	P	P	P	P	٩	P	n	P	P	P	P	A		2
53	18U11A0450	Р	P	P	Р	P	P	A	P	Ρ	ρ	P	P	P	P	P	P	p	P	P	ρ	ρ	P	Р	A		2
54	18U11A0454	P	P	P	P	P	P	P	ρ	P	Ρ	P	1	p	A	A	P	P	12	P	ρ	P	P	P	7	4	P
55	18U11A0455	P	P	P	P	A	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2	P	Ď	P		2
56_	18U11A0456	p	P	P	A	P	Р	ρ	P	ρ	ρ	<u>P</u>	P	A	2	P	P	P	P	A	٩	P	P	p	P		P
:57	18U11A0457	2	P	P	P	P	Ρ	ρ	P	P	P	<u>P</u>	6	P	ρ	P	12	Ρ	P	P	P	A	Р	P	P	<u> </u>	P
<u>)</u> 58	18U11A0459	Ρ	p	P	P	Ρ	P	P	P	Р	P	Ŗ	P	P	9	A	P	P	P	P	P	2	ट्र	P	2	1	P
59	18U11A0460	Р	A	P	P	P	P	A	P	P	P	<u>r</u>	P	P	A	12	P	P	Ð	ŗ	ρ	2	P	p	P	ᇸ	9
60	18U11A0463	Р	P	P	ρ	Ρ	P	P	P	P	P	2	P	P	Ρ	P	P	2	ρ	P	P	Р	5.	P	P		
61	18U11A0464	Ρ	P	Ρ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	 	2	P	2	-	P
62	18U11A0465	A	P	A	P	<u>P</u>	P	P	P	P	A	P	P	P	Р	P	P	P	Ŋ	P	۱٩	P	P	p	P	_	P
63	18U11A0466	Ρ	p	Ъ	P	Ρ	P	<u>P</u>	P	P	P	P	P	2	P	P	P	p	P	Ď	5	P	P	P	P	I +	P
64	18U11A0467	ρ	Р	P	D	ρ	P	A	P	ρ	ρ	P	<u>P</u>	A	P	P	p	P	P	P	P	P	Ð	2	2		P
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66_	18U11A0469	P	P	ρ	Р	A	<u>P</u>	P	P	P	A	P	P	P	P	P	P	P	P	À	p	P	P	2	-		PI
67	18U11A0470	2	P	P	A	P	P	P	P	P	P	P	-	5	P	Ď	P	A	P	P	P	P	P	P			P
68	18U11A0471	P	A	P	P	Ρ	ρ	P	P	P		P	A	P	P	A	P	P	A	P	P	2	-	A		A	
69		ρ	9	Р	P	P	Р	P	P	P	Ρ	P	P	P	A	P	P	P	Ρ	P	P	Р	P	P			Pl
70	18U11A0473	P	ρ	Ρ	P	P	Ρ	P	P	P	P	P	P	P	1	P	P	P	P	A	P	P	P	P	-		P
71	18U11A0474	P	P	Р	P	A	Р	Р	P	P	Ρ	P	P	P	2	P	P	P	P	P	A	P	P	9	P	P	2
72	18U11A0475	P	Р	Р	P	P	P	Ρ	Ρ	P	P	P	B	P	P	P	A	P	P	P	12	Р		9			P
73	18U11A0477	P	P	P	P	P	P	ρ	A	P	P	P	P	P	P	P	P	P	p	P	P	P	_	P		f	_
74	18U11A0478	P	Р	P	P	Ρ	A	P	P	P	ρ	P	P	P	P	P	R	P	P	P	LP	P	P	P	P	P	P
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>CIRCULAR</u>

Date: 08/12/2020

All the students of B. Tech III year are informed that the Department of Computer Science & Engineering is conducting "COMPETITIVE EXAMINATIONS: GATE COACHING CLASSES" scheduled from 14/12/2020 to 22/01/2021 (04:30PM to 06:30PM). All the students are requested to utilize the opportunity to crack the GATE examination. Enroll your names at office of HOD-CSE on or before 11/12/2020. Schedule for GATE coaching classes will be issued soon.

Note:- Bus Facility will be provided from our college premises to Uppal X Road at 06:30 PM.

HOD-CSE

PRINCIPAL

CC to

- 1. Hon'ble Chairman /Secretary-For information
- 2. Principal Office
- 3. All HODs
- 4. Notice Board

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SYLLABUS FOR GATE EXAM

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions. Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.

eigenvalues and eigenvectors, LU decomposition.

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

Probability and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions.

Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

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, pipeline

I/O interface (interrupt and DMA mode).

hazards.

Memory hierarchy: cache, main memory and secondary storage;

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 traversals, minimum spanning trees, shortest paths

Section-6: Theory of Computation -

Regular expressions and finite automata. Context-free grammars and push-down automata.

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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.

Local optimisation,

Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Section 8: Operating System -

System calls, processes, threads, inter-process communication, concurrency and synchronization.

Deadlock. CPU and I/O 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 -

Concept of layering: OSI and TCP/IP Protocol Stacks;

Basics of packet, circuit and virtual circuit-switching;

Data link layer: framing, error detection, Medium Access Control, Ethernet bridging;

Routing protocols: shortest path, flooding, distance vector and link state routing;

Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP,

DHCP, ICMP), Network Address Translation (NAT);

Transport layer: flow control and congestion control, UDP, TCP, sockets;

Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

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ONLINE CLASS LINKS:

DAY	TOPIC COVERED
DAY1	https://meet.google.com/nez-dcmo-bac
DAY2	https://meet.google.com/osd-kboz-eow
DAY 3	https://meet.google.com/ovx-jhuw-qug
DAY 4	https://meet.google.com/gjp-vuvo-tpo
DAY 5	https://meet.google.com/paa-dhbp-gdz
DAY 6	https://meet.google.com/cgh-krfx-zzm
DAY 7	https://meet.google.com/myf-rzif-ztt
DAY 8	https://meet.google.com/hht-mifb-ezi
DAY 9	https://meet.google.com/rqd-bvzw-wtv
DAY 10	https://meet.google.com/ird-cmhq-vso
DAY 11	https://meet.google.com/qms-gtjf-wtt
DAY 12	https://meet.google.com/phs-ckqd-bwy
DAY 13	https://meet.google.com/tqu-zgzr-pmh
DAY 14	https://meet.google.com/qaw-sjik-hcs
DAY 15	https://meet.google.com/pfn-itno-qdn

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DAY 16	https://meet.google.com/xit-xykw-eye
DAY 17	https://meet.google.com/tqu-zgzr-zwe
DAY 18	https://meet.google.com/tqu-zgzr-phx
DAY 19	https://meet.google.com/qae-tgyu-jhy
DAY 20	https://meet.google.com/pfn-itno-qgt
DAY 21	. https://meet.google.com/hyy-gyyh-oki

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DAY WISE SESSION PLAN

DAY	TOPIC COVERED
DAYI	Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Monoids, Groups
DAY2	Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations Generating functions.
DAY 3	Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition
DAY 4	Eigenvalues and eigenvectors, LU decomposition, Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem
DAY 5	. Integration. Probability and Statistics: Random variables. Uniform, normal, exponential, poisson and binomial distributions
DAY 6	Mean mode and standard deviation. Conditional probability and Bayes theorem.
DAY 7	Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).
DAY 8	Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining, pipeline hazards
DAY 9	Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).
DAY 10	Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.
DAY 11	Searching, sorting, hashing. Asymptotic worst case time and space complexity.
DAY 12	Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph traversals, minimum spanning trees, shortest paths

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DAY 13	Regular expressions and finite automata. Context-free grammars and push-down automata.
DAY 14	Regular and contex-free languages, pumping lemma. Turing machines and undecidability.
DAY 15	Local optimisation, Data flow analyses: constant propagation, liveness
DAY 16	System calls, processes, threads, inter-process communication, concurrency and synchronization.
DAY 17	Deadlock. CPU and I/O scheduling. Memory management and virtual memory. File systems.
DAY 18	ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms.
DAY 19	File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control. Concept of layering: OSI and TCP/IP Protocol Stacks;
DAY 20	Basics of packet, circuit and virtual circuit-switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging;
DAY 21	DHCP, ICMP), Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP, TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LIST OF REGISTERED STUDENTS

-		REGISTERED STUDENTS
SNO		NAME OF THE STUDENT
1	16U11A0508	CHITNENI NIKHIL
2	17U11A0505	BANDI SHIREESHA
3	17U11A0510	GOGIKAR SAIKIRAN
4	17U11A0540	PRATHAP AKHIL
5	18C21A0555	KAUSHIK SWAIN
6	18C21A0566	VANTALA SHIVA PRASAD
7	18L71A0503	MD SAMER
8	18U11A0501	ABHISHEK THORAT
9	18U11A0502	APPANI SHOUNAK
10	18U11A0503	B AMULYA SREE
11	18U11A0504	BANDI NIRISHA
12	18U11A0505	BATHINI ARIHANT MADHAV
13	18U11A0506	BOPPARAM SAMPADA
14	18U11A0507	BUDDAMOLLA RATNAKAR REDDY
15	18U11A0508	CHEKKARA SHRIJANI
16	18U11A0509	CHERUKUMILLI SURYA PRAJWAL
17	18U11A0510	GARA SANNIHITHA
18	18U11A0511	GOUTI SUSHMA
19	18U11A0512	GUNDARAPU DEEPTANSHU
20	18U11A0513	GURRAM SREENATH
21	18U11A0514	GYARA MEGHANA
22	18U11A0515	K L SANDEEP SAI
23	18U11A0516	KALIDINDI VAMSI KRISHNA
24	18U11A0517	LENKALA DINESH KUMAR
25	18U11A0519	MOLLALA SANTHOSH REDDY
26	18U11A0520	NAVAK MOUNIKA
27	18U11A0521	PARKIBANDA S VARSHITHA
28	18U11A0522	PRATHI SAI BHARGAV
29	18U11A0523	PRATIBHA SINGH
30	18U11A0525	SIRIMALLE RUTHWIK
31	18U11A0526	SURENDRAN PRASHANT
32	18U11A0527	SURKANTI SOWMYASREE REDDY
33	18U11A0528	TALLAPRAGADA SUMANVITA
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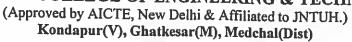
SNO	HNO	NAME OF THE STUDENT
25		
35	18U11A0531	VELPURI SAI VISHWANATH
36	18U11A0532	B REVANTH
37	18U11A0533	CHINTA PRASANNA
38	18U11A0534	DASARI VIKAS CHANDRA
39	18U11A0537	GADDIPATISANDH YA RANI
40	18U11A0539	NITHYA THAKUR
41	18U11A0540	NITIN RAJ THUMMA
42	18U11A0541	PALUGULA PRAMODH KUMAR
43	18U11A0542	BEJJANKI SUMITH
44	18U11A0543	D SAI ROHAN
45	18U11A0546	NALLAM ANUSHA
46	18U11A0547	PAGILLA PRAVEEN REDDY
47	18U11A0548	SINGATHI KAVYA SRI
48	18U11A0550	V AJAY
49	18U11A0551	VNAVEEN
50	19U15A0501	ANNAM VISHAL
51	19U15A0502	DADI YOGITHA
52	19U15A0503	EGA SURENDER
53	19U15A0504	GUNDAVENI SAI KUMAR
54	19U15A0505	PALLAPU ARUNKUMAR
55	19U15A0506	KONNOJU VINAYKUMAR
56	19U15A0507	MAMILLAPALLY VENKATA UDAY
57	19U15A0508	MORUPUTALA HARSHA VARDHAN
58	15U11A0552	BHUKYA HEMANTH NAIK RATHOD
59	16U11A0514	G PRANATHI
60	16U15A0501	ERUPULA RAJU UDAYKIRAN
61	16U15A0506	RAPOLU SRI KANTH REDDY
62	18U15A0510	YAPARLA SUMANTH REDDY

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ATTENDANCE SHEET

NAME OF THE PROGRAMME: GATE COACHING CLASSES

VENUE: ROOM NO-109 (FIRST FLOOR)

TIMINGS: 04:30PM TO 06:30PM

The list of III Year CSE students attended for the Academic Year: 2020-2021

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SNO	HNO	14-Dec		_	_	18	7		23	24	_	29	30	31		_	5	6	7	8	11	12
	16U11A0508	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	P	P	Р	P
	17U11A0505	P	Р	Р	Α	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
	17U11A0510	Р	Α	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Α	Р	Р	Р	Α	Р	Р	Р
_	17U11A0540	Р	Р	P	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	Р	Α
	18C21A0555	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	P	Р	P	A	Р	Р	P	Р	Р	Р
	18C21A0566	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Α	Р	P .	Р	Р	Р	Α	Р	Р	Р
_	18L71A0503	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
8	18U11A0501	Р	P	Р	Р	Р	P	Р	Р	Р	Р	Р	Р	P	Р	P	Р	Р	Р	Р	Р	Р
		Р	Р	Р	Р	Α	Р	P	Р	Р	Р	Р	Р	Р	P	Α	Р	Р	Р	Р	Р	Р
10	18U11A0503	Р	P	Р	Р	Р	P	Ρ	Р	P	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Α
11		Р	Α	Р	A.	Р	Р	Р	Р	P	Р	Р	Р	Р	Р	Р	Ρ	Р	Р	Р	Р	Р
12	18U11A0505	P	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	A	Р	Α	Α	Р	Р	Р
	18U11A0506	Α	P	Р	Р	Р	Р	Р	Α	P	Р	P	P	Р	Р	Α	P	Р	Р	Р	Р	Р
	18U11A0507	P	Р	Р	P	Р	Р	P	Р	Р	Ρ	P	Р	Р	Р	Р	P	Р	P	P	Α	Р
	18U11A0508	Р	P	Α	Ρ	Р	Р	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P
16	18U11A0509	P	P	Р	Р	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	Α	Р	Р	Р
17		Р	Р	Р	P	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	-	Р	P	Р	Р	P
18	18U11A0511	Р	Р	Р	P	Р	Р	Р	Р	Р	P	P	Р	Р	Р	A	P	Р	Ρ	Р	_	Α
19		Р	Р	Р	Р	Р	Р	Р	Р	Α	Α	Р	Р	Р	Α	Р	P	Р	Р	Р	_	P
20	18U11A0513	P	Α	Р	Р	Р	Α	Р	Α	Р	Р	Р	Р	Р	P	Р	P	P	Р	-	_	P
21	18U11A0514	Р	Р	P	Р	Р	Р	Р	Р	P	Р	P	Р	Р	P	P	Р	Р	Р	Р		P
22	18U11A0515	P	Р	Α	Α	A	Р	Р	Р	P	Α	Р	P	Р	P	Р	-	_	Р	P		Р
23	18U11A0516	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р		\rightarrow	_	Р	P	Р	-	A
24	18U11A0517	Р	P	Р	P	Р	Р	Р	Р	Р	Α	P	Р	P	P	P	P	Α	P	Р	_	P
25	18U11A0519	A	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	P		-	P	Ρ	Р	Р		P
26	18U11A0520	P	Р	Р	Р	Р	P	Α	Р	Р	Р	Р	Р	Р			P	Р	Р	-		Р
27	18U11A0521	P	P	Р	P	Р	Р	Р	Р	P	P	Р	Р	P	P	-	P	Р	Р	Р	_	P
28	18U11A0522	Р	Р	Р	Р	P	Р	Р	A	A	A	P	Р	P	Р	-		Р	Р	\rightarrow	_	Р
29	18U11A0523	P	A	P	Р	Р	Р	Р	P	P	P	Р	P	P		-	\rightarrow	P	-	-	_	Ā
30	18U11A0525	Р	Р	Р	Р	Р	Р	P	Р	A	P	Р	P	P		\rightarrow	\rightarrow	-	Р	-	_	P
			Р	Α	Р	Р	Р	Р	\rightarrow	\rightarrow	-	_	-	_		P	_		_	P	_	P
32	18U11A0527	Р			${\overline{}}$	_	\rightarrow	_	\rightarrow	\rightarrow	_	\rightarrow	\rightarrow			P	_	\rightarrow	_	P	_	P
33	18U11A0528	P	Р	Р	_		$\overline{}$	\rightarrow			\rightarrow	$\overline{}$	_			-	\rightarrow	-	_	A	-	P
34	18U11A0530	P	Р	\rightarrow	$\overline{}$	_	_	\rightarrow	\rightarrow	\rightarrow		_		_		-	-	P	\rightarrow	P		Ä
35	18U11A0531				\rightarrow	_	-	_	\rightarrow		_	-	\rightarrow	-		-	-	\rightarrow	-	P	\rightarrow	$\frac{2}{p}$
				\rightarrow	_	_	_	\rightarrow	-	_	-	-	\rightarrow	—		-	-	\rightarrow	-	-	_	P
	18U11A0533			\rightarrow	\rightarrow		_	-	-	_	\rightarrow	_	\rightarrow	-		-	-	-	-	-	$\overline{}$	P
	18U11A0534		\rightarrow	-	-	-	\rightarrow		-	\rightarrow	→		_			-	\rightarrow	-	P	-	_	P
_	18U11A0537		-	\rightarrow	-	_	\rightarrow		\rightarrow	-	_		_	-		P	-	\rightarrow	_	_	$\overline{}$	P
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40	18U11A0539	Р	Р	Α	P	Р	Α	Р	Р	Р	Р	Α	Р	Р	Р	A	Α	Α	P	Р	Р	Α
41	18U11A0540	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	P	P	Р	Р	Р	Р	Р	Р
42	18U11A0541	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	P.	A	Р	Р	Р	Ρ	Р	Р	Р
43	18U11A0542	Р	Р	Р	Α	Р	Р	Р	Р	Α	Р	Р	Α	Р	Р	Р	P	Р	Р	Р	Р	Р
44	18U11A0543	Р	Р	Р	Р	Р	Р	P	P	Р	Α	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	Р
45	18U11A0546	Α	Α	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Α	Р	Р
46	18U11A0547	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	A	Р	Р	Α	Р	Р
47	18U11A0548	Р	Р	P	Α	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Α	Р	Р	P	Р	Р
48	18U11A0550	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Р
49	18U11A0551	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	P	Α	Α	Р	Р	P	P	Р	Р	Р	P
50	19U15A0501	Р	Р	Р	Α	Р	Р	P	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
51	19U15A0502	Р	Р	P	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
52	19U15A0503	P	P	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	P	Р	Р	Р	Р	Α	Ρ	P	Α
53	19U15A0504	Р	Α	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	P	P	Р	Α	Р	Р	Р	p	Р
54	19U15A0505	Α	Р	Р	P	Р	P	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Ρ	Р	Р	Р	Р
55	19U15A0506	Р	Р	A	Р	Р	Р	Α	P	Α	Р	Р	Α	Р	P	Р	Р	Ρ	Р	Р	Р	Р
56	19U15A0507	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Α
57	19U15A0508	Р	Р	Р	Р	Р	Α	Р	Р	P	Р	Р	Р	Р	Α	Р	P	Р	Р	Р	Р	Р
58	15U11A0552	P	A.	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р	Α	Р	Р	Р	Ρ	Р	Р
59	16U11A0514	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р	P	Р	Α	Р	Р	Α	Р	Р	P	Р	Р
60	16U15A0501	Р	P	P	Р	Р	P	Р	Α	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р	P
61	16U15A0506	P	Α	Р	Р	Р	Р	P	Р	Р	Α	Р	Р	Α	Р	Р	Р	Р	Α	Р	Р	Р
62	18U15A0510	Α	Р	Р	Α	Р	Р	₽	Р	Α	Р	Α	P	Р	Р	Р	Α	Р	-	Р	Р	P

COORDINATOR

HOD

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Dist.



(Approved by AICTE, New Delhi & Affiliated to JNTUH.)

Kondapur(V), Ghatkesar(M), Medchal(Dist)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING REPORT

DATE: 24/01/2021

NAME OF THE PROGRAMME: GATE COACHING CLASSES

DATE: 14/12/2020 to 22/01/2021

TIMINGS: 04:30PM TO 06:30PM

The management of Samskruti College of Engineering and Technology has conducted coaching classes for III year B. Tech students for GATE and other Competitive exams.

As per the direction given by the IQAC, the Department of Computer Science & Engineering has conducted GATE COACHING CLASSES during working days from 04:30PM to 06:30PM for III B-TECH students.

The following subjects taught by the following faculty:

S. No	Name of the Subject	Subject Expert
1	Engineering Mathematics	Swapna Dharmavaram
2	Digital Logic	Sandeep Kumar Vasa
3	Computer Organization and Architecture	Aluguvelli Kiran Kumar Reddy
4	Programming and Data Structures	Pulime Satyanarayana
5	Algorithms	V Chandrasekhar Sekhar
6	Theory of Computation	Korivi Vamsheekrishna
7	Compiler Design -	Korivi Vamsheekrishna
8	Operating System	Avulla Devi Rajini
)	Databases	P Meena Kumari
10	Computer Networks	Shivaleela Mamillapally

Bamskruti College of Enga. & Technology

K , Ghatkesar (Medichal Pist.

Every day as per the devised schedule the outcome of the program is mainly focused on giving fundamental knowledge in various subjects and gives relevant information to score in the exam. The students have expressed that the coaching was very helpful. The list of III CSE students who participated in GATE classes is enclosed.

COORDINATOR

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), Medchal Plat