



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

CIRCULAR

All the III-I semester Civil students are hereby inform that, our Civil Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 20.11.17 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Civil HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

Faculties Allotted for A.Y 2016-17

S.No	Subject	Faculty Name	Designation	Signature
1	Geo Technical Engineering	M Subha Renuka	Assistant Professor	
2	Environmental Engineering	R Gayatri Devi	Assistant Professor	
3	Fluid Mechanics	K Lakshmi Satya	Assistant Professor	
4	Steel Structures	S Nazeer Ahmed	Assistant Professor	
5	Solid Mechanics	K Lakshmi Satya	Assistant Professor	

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Date: 13.11.17

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Geotechnical Engineering:

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.

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.

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; Concept of boundary layer and its growth; Concept of lift and drag.

Steel Structures:

Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis -beams and frames.

Solid Mechanics:

Bending moment and shear force in statically determinate beams; Simple stress and strain relationships; Simple bending theory, flexural and shear stresses, shear centre; Uniform torsion, Transformation of stress; buckling of column, combined and direct bending stresses.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of B.Tech Civil students who participated in GATE classes:

S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	146K1A0101	BADAMPUDI TARUN	III
2	146K1A0102	CHAPPIDI VINEETHA	III
3	146K1A0103	DASARI SUCHARITHA	III
4	146K1A0104	GADE SURYA KAMESWARI PADMALATHA	III
5	146K1A0105	GODUGUNURI SUDHEER KUMAR	III
6	146K1A0106	GANDHAM GANGA ATCHUTA	III
7	146K1A0107	KORUKONDA PRIYANKA	III
8	146K1A0108	MUDUGU VIMALA SAHITHI	III
9	146K1A0109	PATAMSETTY APARNA	III
10	146K1A0110	PEPAKAYALA DIVYA	III
11	146K1A0111	SHAIK SUHAIL HUSSAIN	III
12	146K1A0112	SHEIK SILARKHAN	III
13	146K1A0113	VANGA CHANDRA MOUNIKA	III
14	146K1A0114	VANJARAPU PAPINAIDU	III
15	146K1A0115	YENDREDDI HARISAKA	III
16	156K5A0101	ALLANKEY SATCHITANANDA GEETHA	III
17	156K5A0102	CHODIPILLI DURGA BHAVANI	III
18	156K5A0103	CHUNDRU VENKATA CHOWDERY	III
19	156K5A0104	GUBBALA TULASIKUMAR	III
20	156K5A0105	KOVVURI SURYA MANIKANTA	III
21	156K5A0106	KALLA RAMESH	III
22	156K5A0107	KEERTHI VENKATA RAJYA LAKSHMI	III
23	156K5A0108	KOTIKALAPUDI VEERABABU	III
24	156K5A0109	MUGGULLA REVANTH VENKATA DURGA SAINADH	III
25	156K5A0110	MADHUBALA KADARI	III
26	156K5A0111	PALIKA MANIKANTA	III
27	156K5A0112	BHAGYAJYOTHI RAPARTI	III
28	156K5A0113	RELANGI PRIYANKA	III
29	156K5A0114	SINGAMPALLI MADHUBABU	III
30	156K5A0115	VASAMSETTI UDAYABHANU	III
31	156K5A0116	VEDULLA BALU REDDY	III
32	156K5A0117	YASARAPU APPALANAIDU	III
33	156K5A0118	YASARAPU ESWARARAO	III


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 20.01.2018

Report

Name of the Event: Coaching for Competitive Exams

Date: 20.11.2017 to 13.01.2018

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Civil Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 33

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Geo Technical Engineering	M SubhaRenuka	Assistant Professor
2	Environmental Engineering	R Gayatri Devi	Assistant Professor
3	Fluid Mechanics	K Lakshmi Satya	Assistant Professor
4	Steel Structures	S Nazeer Ahmed	Assistant Professor
5	Solid Mechanics	K Lakshmi Satya	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

CIRCULAR

All the III-I semester Electrical and Electronics students are hereby inform that, our Electrical and Electronics Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 20.11.17 onwards.


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- Cc to
1. Principal office
 2. Electrical and Electronic Engineering HOD
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Date: 13.11.17

Faculties Allotted for A.Y 2016-17

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	<i>D. Madhu</i>
2	Circuit Analysis	M Jagadesh	Assistant Professor	<i>M. Jagadesh</i>
3	Electrical Machines	Ch Vinod Kumar	Associate Professor	<i>Ch. Vinod Kumar</i>
4	Electric Circuits	I Arun Kumar	Assistant Professor	<i>I. Arun Kumar</i>
5	Electro Magnetic Fields	K Venkateswar Rao	Assistant Professor	<i>K. Venkateswar Rao</i>

T. S. K.
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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 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

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.



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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.


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The list of III B.TechElectrical and Electronics Engineering students who participated in GATE classes:

S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	146K1A0201	GANTA NAGA MOUNIKA	III
2	146K1A0202	GONELA GANGA RAJESH	III
3	156K5A0201	ATTI AMANI	III
4	156K5A0202	BAVISETTI VENKATA RAJESH	III
5	156K5A0203	BORA GOVINDU LAVANYA	III
6	156K5A0206	GEDDADA ANIL KUMAR	III
7	156K5A0207	KOCHARLA DEVI MOUNIKA	III
8	156K5A0208	MOHAMMED RABIYA BHASREE	III
9	156K5A0209	NANDIPATI SURIBABU	III
10	156K5A0210	NAVAGOTLA MANIKANTA	III
11	156K5A0211	PALIKA SATISH KUMAR	III
12	156K5A0212	PULLETIKURTHI VENKATA SAINADH	III
13	156K5A0213	RAYUDU VENKATESH	III
14	156K5A0214	SANA PRIYANKA	III
15	156K5A0215	SANDAKA SHANMUKHESWARI	III
16	156K5A0217	VEERAVALLI SYAM	III
17	156K5A0218	VIPPARTHI SUNEEL SAANYA	III
18	156K5A0219	V TUTUKURI SATEESH	III

Ch. Vinod Kumar
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 20.01.2018

Report

Name of the Event: Coaching for Competitive Exams

Date: 20.11.2017 to 13.01.2018

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electrical and Electronics Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 18

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	ChVinod Kumar	Associate Professor
4	Electric Circuits	I Arun Kumar	Assistant Professor
5	Electro Magnetic Fields	K VenkateswarRao	Assistant Professor

Ch Vinod Kumar
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Date: 13.11.17

CIRCULAR

All the III-I semester Mechanical students are hereby inform that, our Mechanical Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 20.11.17 onwards.


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- Cc to
1. Principal office
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

Faculties Allotted for A.Y 2016-17

S.No	Subject	Faculty Name	Designation	Signature
1	Design and Machine Members	K Karuna	Assistant Professor	
2	Integral Combustion Engines	K Vijaya	Assistant Professor	
3	Dynamics of Machines	M Dedeepya	Assistant Professor	
4	Thermodynamics	N Raja Naidu	Assistant Professor	
5	Engineering Mechanics	R Vijaya Lakshmi	Assistant Professor	

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Date: 13.11.17

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Engineering Mechanics:

Free-body diagrams and equilibrium; friction and its applications including rolling friction, belt-pulley, brakes, clutches, screw jack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; Lagrange's equation.

Mechanics of Materials:

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

Theory of Machines:

Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Machine Design:

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

Fluid Mechanics:

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

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechMechanical Engineering students who participated in GATE classes:

S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	146K1A0301	AMALAKANTI TATAJI	III
2	146K1A0302	BAYANA SAGAR	III
3	146K1A0303	BOJJA SRIRAM	III
4	146K1A0304	CHAGANTI SRI VENKATA KALYAN	III
5	146K1A0305	CHALLA S V NAGA NARAYANA HARIKRISHNA	III
6	146K1A0306	CHERUKURI V V S M DEEPAK	III
7	146K1A0307	CHITTIMIREDDY APPAJI	III
8	146K1A0308	DADALA PRASANTHBABU	III
9	146K1A0309	DOOLLA RAMESH	III
10	146K1A0310	GUTHULA SAINATH	III
11	146K1A0311	KOJJURUPU RAJESH	III
12	146K1A0312	KOMARAPU ABHISHEAK	III
13	146K1A0313	KOPPISETTI NAGA SANDEEP AKHIL	III
14	146K1A0314	MOTUPALLI NAGA CHAKRAVARTHI	III
15	146K1A0315	PAMPANA VENKAT	III
16	146K1A0316	PAPPULA SAI TEJA	III
17	146K1A0317	PARASAPOGULA VINODH	III
18	146K1A0318	PEKETI TARUN KUMAR	III
19	146K1A0319	PILLI VIKAS BABU	III
20	146K1A0320	REVVU DURGAPRASAD	III
21	146K1A0321	THOTA TRINATH	III
22	146K1A0322	TUMMALA SURENDRA	III
23	146K1A0323	VANKA VIJAY	III
24	146K1A0324	VOLUPUDI SIVA KUMAR	III
25	146K1A0325	YEDIDI JAI ROHITH DEV	III
26	146K1A0326	TOLEM SATISH KUMAR	III
27	146K1A0327	PEMMADI SAPTHAGIRI VASU	III
28	156K5A0302	BOCHA VEERA RAVI KUMAR	III
29	156K5A0303	CHALLA LAVANYA	III
30	156K5A0304	CHINTA SEKHAR BABU	III
31	156K5A0305	CHODISETTI CHINNARI	III
32	156K5A0306	CHODISETTI MOHANAKRISHNA	III
33	156K5A0307	GANTI ANANDKUMAR	III
34	156K5A0308	GARAGA KARUN KUMAR	III
35	156K5A0309	GUBBALA SATYA MADHURI	III



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S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
36	156K5A0310	GUNNADA MANIKANTA	III
37	156K5A0311	GUTTULA SANKAR	III
38	156K5A0312	MEDISETTI VARALAKSHMI	III
39	156K5A0313	NAGIDI RAJESH	III
40	156K5A0314	NAMMI BHAVANI KRISHNA PRASAD	III
41	156K5A0315	NANDAM BULI VEERANNA	III
42	156K5A0316	PATTA DHANARAJU	III
43	156K5A0317	PILLA VEERA VENKATA MANI SEKHAR	III
44	156K5A0318	RAPARTHY YASWANTH GANDHI KUMAR	III
45	156K5A0319	RAVADA SURIBABU	III
46	156K5A0320	RAYUDU VIJAYA BABU	III
47	156K5A0321	SANGANI ASWINI KUMARI	III
48	156K5A0322	SANKU SAI SRIKANTH	III
49	156K5A0323	SARAPU VENKATESWARLU DORA	III
50	156K5A0325	YANDRA KIRAN SAI	III


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 20.01.2018

Report

Name of the Event: Coaching for Competitive Exams

Date: 20.11.2017 to 13.01.2018

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Mechanical Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 50

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Design and Machine Members	K Karuna	Assistant Professor
2	Integral Combustion Engines	K Vijaya	Assistant Professor
3	Dynamics of Machines	M Dedeepya	Assistant Professor
4	Thermodynamics	N Raja Naidu	Assistant Professor
5	Engineering Mechanics	R Vijaya Lakshmi	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

CIRCULAR

All the III-I semester Electronics and Communication students are hereby inform that, our Electronics and Communication Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 20.11.17 onwards.



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

Faculties Allotted for A.Y 2016-17

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Network Analysis	M Jagadesh	Assistant Professor	M. Jagadesh
3	Digital Communications	B V Kalyan Ram	Assistant Professor	B.V. Kalyan Ram
4	Continuous Time Signals	Ch Venkata Prakash	Assistant Professor	Ch. V. Prakash
5	Discrete Time Signals	D Vijaya Lakshmi	Assistant Professor	D. Vijaya Lakshmi

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13/11/17
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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.

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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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Electronics and Communications Engineering students who participated in GATE classes:

S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	146K1A0401	BALLA SWATHI	III
2	146K1A0402	BONTHU RAVI CHANDRA	III
3	146K1A0404	GOLLAPUDI ANURADHA	III
4	146K1A0405	GUMMADI VINOD KUMAR	III
5	146K1A0406	GUMMULURI DEVI DATTHA SAI SUNILA	III
6	146K1A0407	KALE S SS P CHANDRA DATTA	III
7	146K1A0408	KARRI VEDA LAKSHMI SAI SRAVANTHI	III
8	146K1A0409	M V V S S USHA	III
9	146K1A0410	MIRTHIPATI SAI VENKATA NARASIMHA	III
10	146K1A0412	PILLI RAJA RAJESWARI	III
11	146K1A0413	PYDIKONDALA DURGAPRASAD	III
12	146K1A0414	RAVULA DURGA PRASAD	III
13	146K1A0415	RAYAPUREDDY SARITHA DEVI	III
14	146K1A0416	SURAPUREDDY HARSHITHA	III
15	146K1A0417	THOKALA DEEPTHI	III
16	146K1A0418	THOKALA DIVYA	III
17	146K1A0419	VENKATA RAVICHANDRA NADELLA	III
18	146K1A0420	VUDDISA SAI AKHIL	III
19	146K1A0421	NARAVA VIJAYAKUMAR	III
20	146K1A0422	DATLA VENKATA SATYA SIVA CHANDRA RAJU	III
21	146K1A0423	BADAM DEVIKA	III
22	156K5A0401	ANANTAPATNAIKUNI ANDEEP KUMAR	III
23	156K5A0402	BALLIPATI SATISH KUMAR	III
24	156K5A0405	GANDHAM SUBRAHMANYAM SWAMI	III
25	156K5A0406	GUBBALA SRILATHA	III
26	156K5A0407	IMMANDI RAMBABU	III
27	156K5A0408	KOSURI MANIKANTHA	III
28	156K5A0409	KOPPISETTI CHITTIBABU	III
29	156K5A0410	LAXMIVENKATASREEKAMESHROHITV	III
30	156K5A0411	MEDETI MAMATHA SRILEKHA DEVISRI	III
31	156K5A0412	PALIKA VEERA VENKATA NAGA SATISH KUMAR	III
32	156K5A0413	PANDU SRIDHAR GANDHI	III
33	156K5A0414	RYALI CHINNI CHAMUNDESWARI	III

Alanna
HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 20.01.18

Report

Name of the Event: Coaching for Competitive Exams

Date: 20.11.2017 to 13.01.2018

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electronics and Communication Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 33

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Network Analysis	M Jagadesh	Assistant Professor
3	Digital Communications	B V Kalyan Ram	Assistant Professor
4	Continuous Time Signals	ChVenkataPrakash	Assistant Professor
5	Discrete Time Signals	D Vijaya Lakshmi	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

CIRCULAR

All the III-I semester Computer Science students are hereby inform that, our Computer Science Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 20.11.17 onwards.

PRINCIPAL

- Cc to
1. Principal office
 2. Computer Science Engineering HOD
 3. Notice board
 4. Class Teacher



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

Faculties Allotted for A.Y 2016-17

S.No	Subject	Faculty Name	Designation	Signature
1	Computer Networks	S Indira Spandana	Assistant Professor	
2	Operating Systems	N Durga Deepti Priya	Assistant Professor	
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor	
4	Data Structures	S Surya Sri	Assistant Professor	
5	Formal Languages and Automata Theory	M S R S Prasad	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 13.11.17

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Computer Networks:

OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuitswitching; 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.

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.

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

Data Structures:

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

Theory of Computation:

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



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The list of III B.TechComputer Science Engineering students who participated in GATE classes:

S.No	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	146K1A0501	BANDARU DILIP RAHUL	III
2	146K1A0502	GADIRAJU SRI SATYA VIJAYALAKSHMI	III
3	146K1A0503	GANJI SRI MANI KRISHNA PRIYANKA	III
4	146K1A0504	MANEPALLI AJAY KARTHIK	III
5	146K1A0505	MANTHENA NISHITHA VARMA	III
6	146K1A0506	MUDDADA ROHIT NAIDU	III
7	146K1A0507	PARVATHINI ELISH KUMAR	III
8	146K1A0508	PENMETCHA BHASKARA RAJU	III
9	146K1A0509	PURANAM SAILAJA	III
10	146K1A0510	SAYYAPARAJU NIVEDITA	III
11	146K1A0511	SRI LAXMI MACHAVARAPU	III
12	146K1A0512	SRIBUDDHARAJU NIKITHA	III
13	146K1A0513	THOTA SAI SRIKANTH	III
14	146K1A0514	VUDDAGIRI SRUTHI	III
15	156K5A0501	ALLU JAYA NAGAMANI	III
16	156K5A0502	BONDU SANTHI PRIYA	III
17	156K5A0503	BONTHU HARIPRIYA	III
18	156K5A0504	GEDDAM VIJAY ANAND RAJ	III
19	156K5A0505	GILLA MOHAN SIVA	III
20	156K5A0506	GORRELA BALA KRISHNA	III
21	156K5A0507	KALLAKURI SURYA SARANYA	III
22	156K5A0508	POLARAPU SIVANARAYANA	III
23	156K5A0509	RAVALASINA NAGENDRA	III
24	156K5A0510	TRIPURARI SURYA TEJA	III
25	156K5A0511	THOKALA SIVA	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 20.01.2018

Report

Name of the Event: Coaching for Competitive Exams

Date: 20.11.2017 to 13.01.2018

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Computer Science Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 25

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Computer Networks	S Indira Spandana	Assistant Professor
2	Operating Systems	N DurgaDeeptiPriya	Assistant Professor
3	Compiler Design	R V VGani Lakshmi	Assistant Professor
4	Data Structures	S Surya Sri	Assistant Professor
5	Formal Languages and Automata Theory	M S R S Prasad	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

CIRCULAR

All the III-I semester Civil students are hereby inform that, our Civil Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 19.11.18 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Civil HOD
 3. Notice board
 4. Class Teacher



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

Faculties Allotted for A.Y 2017-18

S.No	Subject	Faculty Name	Designation	Signature
1	Geo Technical Engineering	B Naga Tulasi	Assistant Professor	<i>Tulasi</i>
2	Environmental Engineering	R Gayatri Devi	Assistant Professor	<i>R. Gayatri Devi</i>
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor	<i>T.B.N. Satya Sirisha</i>
4	Transportation and Surveying	M Venkata Rao	Assistant Professor	<i>M Venkata Rao</i>
5	Water Resource Engineering	K Sumavalli	Assistant Professor	<i>K Sumavalli</i>

T.S.R.
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Geotechnical Engineering:

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.

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.

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; Concept of boundary layer and its growth; Concept of lift and drag.

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; Concept of 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



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runoff 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.

Transportation and Surveying:

Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments. Geometric design of railway Track - Speed and Cant. Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Civil students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	156K1A0101	BANDE SUDHA VARA LAKSHMI	III
2	156K1A0102	DASIREDDY NAGA DEVIKA	III
3	156K1A0103	DONEPUDI SRI SAI ANUSHA	III
4	156K1A0104	ETIKALA ANKITHA	III
5	156K1A0105	KADALI LOKESH	III
6	156K1A0106	KAPARAPU KIRAN	III
7	156K1A0107	KOMPELLA ADITYA	III
8	156K1A0108	MANYAM PRUDHVI MAHESH	III
9	156K1A0109	NUVVULA SATYA MANIKANTA SUVIJAY	III
10	156K1A0110	PEMMADI VINAY VARMA	III
11	156K1A0111	SARLA SRINIVASA REDDY	III
12	156K1A0112	YENUGULA HEMACHAND	III
13	166K5A0101	ANKAMREDDY GANESH	III
14	166K5A0102	BUDIREDDY PAVAN SAI	III
15	166K5A0103	GOLLAPALLI HARINATH	III
16	166K5A0104	KAKARA SAIVINEETHA	III
17	166K5A0105	KAKARAPALLI SYAM SURYA PRAKASH	III
18	166K5A0106	KOPPISETTI GANGADHAR	III
19	166K5A0107	KOTTANI VINAY	III
20	166K5A0108	KURINI UMA SAI	III
21	166K5A0109	NOOKALA VENKATA DURGAMBICA	III
22	166K5A0110	POLLAM GANGADHAR	III
23	166K5A0111	REDLA SATYA DURGA KUMAR	III
24	166K5A0113	GUTTULA MANIKANTA	III


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 19.01.2019

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2018 to 12.01.2019

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Civil Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 24

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Geo Technical Engineering	B Naga Tulasi	Assistant Professor
2	Environmental Engineering	R Gayatri Devi	Assistant Professor
3	Fluid Mechanics	T B N SatyaSirisha	Assistant Professor
4	Transportation and Surveying	M VenkataRao	Assistant Professor
5	Water Resource Engineering	K Sumavalli	Assistant Professor


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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

CIRCULAR

All the III-I semester Electrical and Electronics students are hereby inform that, our Electrical and Electronics Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 19.11.18 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Electrical and Electronic Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

Faculties Allotted for A.Y 2017-18

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Circuit Analysis	M Jagadesh	Assistant Professor	M. Jagadesh
3	Electrical Machines	Ch Vinod Kumar	Associate Professor	Ch. Vinod Kumar
4	Power Systems	K Venkateswar Rao	Assistant Professor	K. Venkateswar Rao
5	Signals and Systems	G Ravi Kumar	Assistant Professor	G. Ravi Kumar


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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 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

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 Transform for continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform



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Vidyut Nagar, Kakinada-533003 (A.P.)

Power Systems:

Basic concepts of electrical power generation, ac and dc transmission concepts, Models and 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 over-current, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechElectrical and Electronics Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	156K1A0201	BANDARU VENKATESH	III
2	156K1A0202	BAVISETTI SRI JAYA LAKSHMI PRASANNA	III
3	156K1A0203	PALIVELA PRATYUSHA	III
4	156K1A0204	PENKE MOHAN SRI SATYA KUMAR	III
5	156K1A0205	YELUDUTI MURALI	III
6	166K5A0201	ABBANA VEERA NAGA BHAVANI DATTA	III
7	166K5A0202	BASWA MANIKANTA	III
8	166K5A0203	BAVISETTI DURGA THATHAJI	III
9	166K5A0204	BYREDDY PRASADU	III
10	166K5A0205	CHITEKENA VINAY	III
11	166K5A0206	DANGETI DEVI PRASAD	III
12	166K5A0207	DOODHI VATHSALYA KUMAR	III
13	166K5A0208	ESAKONA VEERAGANI KUMAR	III
14	166K5A0209	G VEERA VENKATA SATYANARAYANA SIVA GANGA	III
15	166K5A0210	GOLI VEERENDRA	III
16	166K5A0211	GURAJAPU ARAVIND SWAMY	III
17	166K5A0212	GUTHULA NITYANANDA BABU	III
18	166K5A0213	KADIYALA ADITYA	III
19	166K5A0214	KALIBOINA SIVA	III
20	166K5A0215	KAMINI MANIKANTA	III
21	166K5A0216	KARAY DEEPSAGAR	III
22	166K5A0218	KATAKAM CHARAN	III
23	166K5A0219	KOMARTHI BALA RAM	III
24	166K5A0220	KUKKULURI GANGADHAR	III
25	166K5A0221	MAHADASU SRUTHI	III
26	166K5A0222	MATTEY KARTHIK	III
27	166K5A0224	NOWGANTLA BALARAMAKRISHNA	III
28	166K5A0225	OLETI DHANAMJAYA	III
29	166K5A0226	PAPPU RAMESH BABU	III
30	166K5A0227	PILLI SAI HEMANTH KUMAR	III
31	166K5A0228	SATHI EBENEZER	III
32	166K5A0230	SHAIK GOUSE MOHIDDIN	III
33	166K5A0232	VANAPALLI DORABABU	III
34	166K5A0233	VEEDHI RAJA KUMARI	III
35	166K5A0235	VEDULA SUNDAR DEEPAK	III

Chiranjiv Kumar
HOD



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 19.01.2019

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2018 to 12.01.2019

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electrical and Electronics Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 35

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	ChVinod Kumar	Associate Professor
4	Electric Circuits	I Arun Kumar	Assistant Professor
5	Electro Magnetic Fields	K VenkateswarRao	Assistant Professor

Ch Vinod Kumar
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

CIRCULAR

All the III-I semester Mechanical students are hereby inform that, our Mechanical Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 19.11.18 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Mechanical HOD
 3. Notice board
 4. Class Teacher



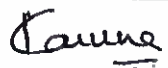




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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

Faculties Allotted for A.Y 2017-18

S.No	Subject	Faculty Name	Designation	Signature
1	Design and Machine Members	K Karuna	Assistant Professor	
2	Integral Combustion Engines	SK Adamsha	Assistant Professor	
3	Dynamics of Machines	M Dedeepya	Assistant Professor	
4	Applied Thermodynamics	N Raja Naidu	Assistant Professor	
5	Refrigeration and Air Conditioning	R Vijaya Lakshmi	Assistant Professor	


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Engineering Mechanics:

Free-body diagrams and equilibrium; friction and its applications including rolling friction, belt-pulley, brakes, clutches, screw jack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; Lagrange's equation.

Mechanics of Materials:

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

Theory of Machines:

Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Heat-Transfer:

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



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Thermodynamics:

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

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechMechanical Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	156K1A0301	ADURY RAMESH KUMAR	III
2	156K1A0302	AIREDDY VENKATA KRISHNA KALYAN	III
3	156K1A0303	ANUSURI ARJUNARAO	III
4	156K1A0304	ANUSURI VAMSI KRISHNA	III
5	156K1A0305	BADAMPUDI SREENU	III
6	156K1A0306	BODDU SURI BABU	III
7	156K1A0308	CHODIPILLI NAVEEN	III
8	156K1A0309	DEVARASETTY SHASHANK	III
9	156K1A0310	GANJI SAIRAM	III
10	156K1A0312	KONA RAKESH KUMAR	III
11	156K1A0313	KURMADASU SRIKANTH	III
12	156K1A0315	OSIPILLI SIVA	III
13	156K1A0316	PEKETI PREMKUMAR	III
14	156K1A0317	POTHABATHULA SYAM	III
15	156K1A0319	VEMISETTI RAVI TEJA	III
16	166K5A0301	ANNAVARAPU HIMABINDU SRIRANGA KUMAR	III
17	166K5A0302	BITRA SATISH	III
18	166K5A0305	DALIPARTHI SIVA PAVAN KALYAN	III
19	166K5A0306	ENAKOTI GOWRI SANKAR	III
20	166K5A0307	GANDHAM NARAYANA VASU DEVA	III
21	166K5A0308	GOUTHU SURYA SANKAR	III
22	166K5A0309	GURRAPU SIVA KUMAR	III
23	166K5A0310	INTI SURYANARAYANA	III
24	166K5A0311	KADIYALA MOUNIKA	III
25	166K5A0312	KAKINADA SHANMUKH KALYAN	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
26	166K5A0313	KADARISSETTI RAJKUMAR	III
27	166K5A0314	KOLLI VENKATA GIRI PRAVEEN KUMAR	III
28	166K5A0315	KONAMARTHI SRIRAMA NAGA GANESH	III
29	166K5A0316	KOTHAPALLI SWAMINATH	III
30	166K5A0317	MALLADI BALA MAHARAJ	III
31	166K5A0318	MALLADI GOVARAJU	III
32	166K5A0319	MERUGU VANAJAKSHI	III
33	166K5A0320	MOHAMMAD HASSAN KHAN	III
34	166K5A0321	MOHAMMED ARBAZMOHIDDIN	III
35	166K5A0322	NANDIPATI BABURAO	III
36	166K5A0323	PACHAMATLA RAVI	III
37	166K5A0324	PADDULA VENKATESH	III
38	166K5A0325	PALEPU BALU	III
39	166K5A0327	PALIKA RAJESH	III
40	166K5A0328	PILLI BHASKARA DATTU	III
41	166K5A0329	PILLI V V RAMAKRISHNA	III
42	166K5A0333	ROLLA SRINIVAS	III
43	166K5A0334	RUDDURU SANJAY KRISHNA	III
44	166K5A0335	SARAGADA AKHILA	III
45	166K5A0337	THUMMALAPALLI VINAY KUMAR	III
46	166K5A0338	TUMMALA SATISH	III
47	166K5A0339	DAMALANKA RAJESH	III
48	166K5A0340	PENKEY VIJAYA LAKSHMI	III
49	166K5A0342	MOHAMMED KWAJA MOHINUDDIN	III

HOD



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 19.01.2019

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2018 to 12.01.2019

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Mechanical Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 49

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Design and Machine Members	K Karuna	Assistant Professor
2	Integral Combustion Engines	SK Adamsha	Assistant Professor
3	Dynamics of Machines	M Dedeepya	Assistant Professor
4	Applied Thermodynamics	N Raja Naidu	Assistant Professor
5	Refrigeration and Air Conditioning	R Vijaya Lakshmi	Assistant Professor


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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

CIRCULAR

All the III-I semester Electronics and Communication students are hereby inform that, our Electronics and Communication Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 19.11.18 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Electronics and Communication Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

Faculties Allotted for A.Y 2017-18

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Network Analysis	M Jagadesh	Assistant Professor	M. Jagadesh
3	Digital Communications	B V Kalyan Ram	Assistant Professor	B.V. Kalyan Ram
4	Digital Circuits	Ch Venkata Prakash	Assistant Professor	Ch. Venkata Prakash
5	Electromagnetics	D Vijaya Lakshmi	Assistant Professor	D. Vijaya Lakshmi


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Date: 12.11.18

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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.

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.

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.



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Transmission lines:

Equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Electronics and Communications Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	156K1A0401	ADDANKI LAKSHMI NARAYANAMMA	III
2	156K1A0402	AKSHINTALA KALKI RATNAMALA	III
3	156K1A0403	AMRUTHA PATTIMA	III
4	156K1A0404	ANISSETTY JAYA PRAKASH	III
5	156K1A0406	CHINTALAPALLI NEELAKANTA NITISH	III
6	156K1A0407	GANDIKOTA SIVA SAI SRINIVAS	III
7	156K1A0408	KALAGATTA KANAKA SATYA LAVANYA	III
8	156K1A0409	MADIREDDY VEERA LAKSHMI	III
9	156K1A0410	MANDARAPU JNANA SARATH KUMAR	III
10	156K1A0411	NAGALLA GANESH RAJ	III
11	156K1A0412	NANDIPATI RUPASREE	III
12	156K1A0413	NEMANI SARVANI	III
13	156K1A0414	PALIKA SATYA DURGA PRASAD	III
14	156K1A0415	PITHANI SAI KUMAR	III
15	156K1A0416	RAVADA PRAHLIKA	III
16	156K1A0417	SADANALA RAMYA	III
17	156K1A0418	SAMANA ANURADHA DEVI PRASANNA	III
18	156K1A0419	THUTE KEERTHI	III
19	156K1A0420	TIMMARAJU SRI LAVANYA	III
20	156K1A0421	TUMU MAHESWARI	III
21	156K1A0422	VALAVALA HAVEELA	III
22	156K5A0416	YERLAGADDA SOMESWARA DURGA PRASAD	III
23	166K5A0401	AKAVELITHI DEVIKA RANI	III
24	166K5A0402	AKELLA VISWA TEJA KRISHNA PRASANTH	III
25	166K5A0403	ALAMANDA KEERTHI	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
26	166K5A0404	BANDARU SAI TEJA GANGADHAR	III
27	166K5A0405	CHEBROLU GIRIDHAR	III
28	166K5A0406	GANNE SATISH	III
29	166K5A0407	GRANDHI JOHN KIRAN	III
30	166K5A0408	GUNDRU BHARATHI RAMYA	III
31	166K5A0410	KARNEEDI VIJAY KUMAR	III
32	166K5A0411	MALLA THANUSHA	III
33	166K5A0412	PALUKURI VEERA VENKATA MANIKANTA	III
34	166K5A0413	PATTA SIVARAM	III
35	166K5A0414	POLAVARAPU SATYA SAI PRASANNA KUMAR	III
36	166K5A0415	RANGALA UMA MAHESWARI	III
37	166K5A0416	SAVARAPU SATYA DEV	III
38	166K5A0417	SETTI DURGA PRASAD	III
39	166K5A0419	UPPARAPALLI SARATH	III
40	166K5A0420	VAKAPALLI SUNIL KUMAR	III
41	166K5A0421	VANKAYALA LALITHA	III
42	166K5A0422	VEPATI RESHMA	III
43	166K5A0423	PANDRAVADA KAMESWARI SRI DEVI	III
44	166K5A0424	VANKAYALA SRI SAI SITA SWAPNA JYOTHI	III

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(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 19.01.2019

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2018 to 12.01.2019

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electronics and Communication Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 44

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Network Analysis	M Jagadesh	Assistant Professor
3	Digital Communications	B V Kalyan Ram	Assistant Professor
4	Digital Circuits	ChVenkataPrakash	Assistant Professor
5	Electromagnetics	D Vijaya Lakshmi	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

CIRCULAR

All the III-I semester Computer Science students are hereby inform that, our Computer Science Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 19.11.18 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Computer Science Engineering HOD
 3. Notice board
 4. Class Teacher








IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

Faculties Allotted for A.Y 2017-18

S.No	Subject	Faculty Name	Designation	Signature
1	Computer Networks	M S R S Prasad	Assistant Professor	
2	Operating Systems	S Indira Spandana	Assistant Professor	
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor	
4	Digital Logic Design	N Veeramani	Assistant Professor	
5	Database Management System	S Jyothirmayee	Assistant Professor	


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 12.11.18

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Computer Networks:

OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuitswitching; 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.

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.

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

Digital Logic Design:

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

Database Management Systems:

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.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Computer Science Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	156K1A0501	A S V V SATYA DURGA SAI SRI PRAVALLIKA	III
2	156K1A0502	ANISETTI NAGA SAI RESHMA	III
3	156K1A0503	ANJALI SRI HARSHITHA KURMA	III
4	156K1A0504	BONAM LAKSHMI JOSHNA	III
5	156K1A0505	CHIRAVURI SUREKHA	III
6	156K1A0506	DEVALLA ACHYUTHA RAMYA	III
7	156K1A0507	DHULIPALA SRI VENKATA SURYA ALEKHYA	III
8	156K1A0508	GOLLAPALLI SRI SATYA	III
9	156K1A0509	GUTHULA BABY	III
10	156K1A0510	JONNAKUTI VIJAY KUMAR	III
11	156K1A0511	KANCHUMARTHI MADHUBALA	III
12	156K1A0512	KANDREGULA JAGADISH	III
13	156K1A0513	KUDUPUDI ABHISHEK	III
14	156K1A0515	MACHIRAJU LAKSHMI NARASIMHA RAJA VAMSI	III
15	156K1A0516	MADASU VENKATA LAKSHMI	III
16	156K1A0517	MALLADI RAMA SAI SRIKANTH	III
17	156K1A0519	MUDUNURI SRI SURYA PRAGNA	III
18	156K1A0520	MULIKI TATABABU	III
19	156K1A0522	NIMUSHAKAVI VENKATA SAI MADHUMITRA	III
20	156K1A0523	PEDAPATI JITENDRA PRASAD	III
21	156K1A0524	PABBINEEDI HIMAROJA	III
22	156K1A0525	PARUPALLI ATCHYUTH RAM	III
23	156K1A0527	PILLA RAMA LAKSHMI SOWMYA	III
24	156K1A0528	PINNI SARADA	III
25	156K1A0529	POLISETTI SURYA TEJA RAJA RAJESWARI	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
26	156K1A0530	SANA KAVYA DEEPIKA	III
27	156K1A0531	SATYA VEENA NADIMPALLI	III
28	156K1A0533	TALATAM TANMAY SRIRAM PRIYA	III
29	156K1A0534	VASAMSETTI NAVEEN	III
30	156K1A0535	VEESAM BHARATHI	III
31	156K1A0536	VELAGALA LAKSHMI PRIYA	III
32	156K1A0537	VELAGALA VAISHNAVI MOUNIKA	III
33	156K1A0538	VIGNESH VARMA NADIMPALLI	III
34	156K1A0539	YEDDU AJAY KUMAR	III
35	156K1A0540	YEDIDA RESHMA	III
36	156K1A0541	DAVULURI GYANA SAIRAM KRISHNA KANTH	III
37	166K5A0502	GARAGAPATI SAI TEJA	III
38	166K5A0503	GUTTULA ISSAC RAJ KUMAR	III
39	166K5A0504	JONNAKUTI SURYA TEJA	III
40	166K5A0505	KADIYALA AJAY KUMAR	III
41	166K5A0506	KARRI LAKSHMIDEVI	III
42	166K5A0507	PETTELA VINAY KUMAR	III
43	166K5A0509	SEERAM SANTHI	III
44	166K5A0510	VADAPALLI DURGA PRASAD	III
45	166K5A0511	VANAMADI RAVI VARMA	III


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(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 19.01.2019

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2018 to 12.01.2019

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Computer Science Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 45

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Computer Networks	M S R S Prasad	Assistant Professor
2	Operating Systems	S Indira Spandana	Assistant Professor
3	Compiler Design	R V VGani Lakshmi	Assistant Professor
4	Digital Logic Design	N Veeramani	Assistant Professor
5	Database Management System	S Jyothirmayee	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

CIRCULAR

All the III-I semester Civil students are hereby inform that, our Civil Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 18.11.19 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Civil HOD
 3. Notice board
 4. Class Teacher



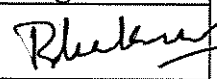
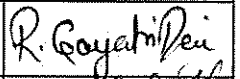
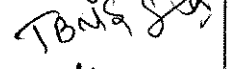
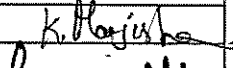
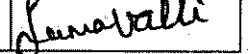
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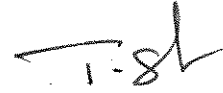
(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

Faculties Allotted for A.Y 2018-19

S.No	Subject	Faculty Name	Designation	Signature
1	Geo Technical Engineering	B Leela Krishna	Assistant Professor	
2	Environmental Engineering	R Gayatri Devi	Assistant Professor	
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor	
4	Steel Structures	K Manjusha	Assistant Professor	
5	Water Resource Engineering	K Sumavalli	Assistant Professor	



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Geotechnical Engineering:

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.

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.

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; Concept of boundary layer and its growth; Concept of lift and drag.

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; Concept of 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



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runoff 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.

Steel Structures:

Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis -beams and frames.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Civil students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K1A0101	ADABALA NAGA GANESH	III
2	166K1A0102	BORRA RAJKUMAR	III
3	166K1A0103	BODHIREDDY VINAYKUMAR	III
4	166K1A0104	BYDIPUDI YAMUNA	III
5	166K1A0105	DEVA SRIDEVI KAMAKSHI	III
6	166K1A0107	GODAVARTHI S V SREE KRISHNA SASANK	III
7	166K1A0108	GUNTAMUKKALA VEERANDRA	III
8	166K1A0109	GUTURI VEERA CHARAN	III
9	166K1A0111	KALIGINEEDI RAVI DURGA	III
10	166K1A0112	KARANAM DURGA BABU	III
11	166K1A0113	L SRI SURYA NAGA MALLESWARI BHAVANI	III
12	166K1A0114	LINGAMPALLI DEVI	III
13	166K1A0117	MALAKALA BABI SATISH KUMAR	III
14	166K1A0118	NALAM ANNAPURNA	III
15	166K1A0119	NEDUNURI SWETHA	III
16	166K1A0120	NOOKALA SUSMITHA RAM	III
17	166K1A0121	SEERAPU HEMANTH KRISHNA KOUSHIK	III
18	166K1A0122	SHAIK HUMEERA	III
19	166K1A0123	TAMARAPU ROCHANA	III
20	166K1A0124	VYDADI VEERA MANIKANTA	III
21	166K1A0126	YERUBANDI SATTIYYA NAIDU	III
22	166K1A0127	SIRIVELA SRI VIDHYADHAR	III
23	176K5A0101	ADURUPAKA DURGARAO	III
24	176K5A0102	ANKAMREDDI KUSARAJU	III
25	176K5A0103	ANUSURI SAI VAMSI	III
26	176K5A0104	ATLURI VISHNU VARDHAN	III
27	176K5A0105	AVALA SATYA MURALIKRISHNA VAMSI YADAV	III
28	176K5A0106	BIRUDA ANUDEEP SAGAR	III
29	176K5A0107	BOGAVARAPU SAI SATYA VENI	III
30	176K5A0108	DANDU MOSEYRAJU	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K5A0109	GOPI AJAY	III
32	176K5A0110	GUBBALA SAI PADMA	III
33	176K5A0111	GUBBALA SHEELA RANI	III
34	176K5A0112	GUNUPURU RAVIKUMAR	III
35	176K5A0113	GURRALA MANIKANTA	III
36	176K5A0114	KATTAMURI SHIVARAM	III
37	176K5A0115	KETHA BUJJI	III
38	176K5A0116	KILARI ARUNA PRIYA	III
39	176K5A0117	KOPPISETTI AKHILA DEVI	III
40	176K5A0118	MERUGU SAMSONU	III
41	176K5A0119	PAMPANA HARSHINI	III
42	176K5A0120	PATTA TEJASWI SURYA PADMA SREE	III
43	176K5A0121	PILLI VEERA BHASKARA RAO	III
44	176K5A0122	POLEPALLI LAKSHMI PAVANI	III
45	176K5A0123	SIDDHANTHAM NAGA BALA SAI KUMAR	III
46	176K5A0124	VASAMSETTI DURGABHAVANI	III
47	176K5A0125	V V VENKATA SAI DIVYA SIRISHA MOUNIKA	III
48	176K5A0126	YARRA VENKATA VINAY SAI NARAYANA DATTA	III
49	176K5A0127	YARRABATHULA GANGA VEERENDRA	III
50	176K5A0128	KAKARAPALLI HITENDRA	III
51	176K5A0129	GUMMALA SATYA SIRISHA	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 18.01.2020

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2019 to 12.01.2020

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Civil Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 51

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Geo Technical Engineering	B Leela Krishna	Assistant Professor
2	Environmental Engineering	R Gayatri Devi	Assistant Professor
3	Fluid Mechanics	T B N SatyaSirisha	Assistant Professor
4	Steel Structures	K Manjusha	Assistant Professor
5	Water Resource Engineering	K Sumavalli	Assistant Professor

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

CIRCULAR

All the III-I semester Electrical and Electronics students are hereby inform that, our Electrical and Electronics Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 18.11.19 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Electrical and Electronic Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

Faculties Allotted for A.Y 2018-19

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Circuit Analysis	M Jagadesh	Assistant Professor	M. Jagadesh
3	Electrical Machines	Ch Vinod Kumar	Associate Professor	Ch. Vinod Kumar
4	Electromagnetic fields	K. Venkateswar Rao	Assistant Professor	K. Venkateswar Rao
5	Signals and Systems	G Ravi Kumar	Assistant Professor	G. Ravi Kumar


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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 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

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.



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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 Transform for continuous and discrete time signals, Laplace Transform and Z transform. R.M.S. value, average value calculation for any general periodic waveform



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The list of III B.TechElectrical and Electronics Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K1A0201	AMBALLA SARAN BABISH	III
2	166K1A0203	BIRUDA SIVASAI MANIKANTA	III
3	166K1A0204	BOMMANA CHITTI BABU	III
4	166K1A0205	CHINTALA SATYA BHAVANA	III
5	166K1A0206	C NAGA VEERA VENKATA SAI SUPRIYA	III
6	166K1A0207	DASARI KRISHNARJUNA	III
7	166K1A0208	GANDHAM ARUN SAI	III
8	166K1A0209	GANGIRI KALYAN	III
9	166K1A0210	GANGUMALLA USHA NAGA DEVI	III
10	166K1A0211	GANJI MEENAKSHI SRI SAI	III
11	166K1A0212	KOCHERLA NAGA VARAPRABHAKAR	III
12	166K1A0213	MUDUNURI NANDHUVARMA	III
13	166K1A0214	MADIBOYINI MANIKANTA	III
14	166K1A0215	NANDIKOLLA VEERABABU	III
15	166K1A0216	PEDIREDLA NAGA VENKATA SIVA GANGADHAR	III
16	166K1A0217	PINDIPROLI BHANU LAHARI	III
17	166K1A0218	VELUGUBANTLA VENKAT	III
18	166K1A0219	YARRA SAI GIRISH	III
19	176K5A0201	AMALADASU RAJA MAHESH	III
20	176K5A0202	ANUSURI RAJU	III
21	176K5A0203	APPABATHULA SUBHASH	III
22	176K5A0204	CHEKKA AJAY	III
23	176K5A0205	GANTA VENKATA RAMA MANIKANTA	III
24	176K5A0206	GUDIMUDI MANOJ	III
25	176K5A0207	JOGI AJAY KUMAR	III
26	176K5A0208	KOMTHAM RAJA	III
27	176K5A0209	KOPPISETTI DEVISRI	III
28	176K5A0210	MARRI JYOTHI KUMAR	III
29	176K5A0211	MEDISETTI REVANTH	III
30	176K5A0212	MURAPAKA PRABHATH SURYA BHAGAVAN	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K5A0214	PEPAKAYALA SIVACHAKRA PHANI	III
32	176K5A0215	JOY PERUMALLA	III
33	176K5A0217	PONNADA KRANTHIBABU	III
34	176K5A0218	PUNYAMANTHULA SAI MANIKANTA	III
35	176K5A0219	SAMANASI SATISH	III
36	176K5A0220	SANDAKA VEERABABU	III
37	176K5A0222	SHEIK BASHEER JOHNY	III
38	176K5A0223	VAKAPALLI ANIL KUMAR	III
39	176K5A0224	VARUPULA VEERA VENKATA SATYA NAVEEN	III
40	176K5A0225	VASAMSETTI CHANDRA KIRAN	III
41	176K5A0226	VIJAYAROWTHU ANAND SAI KUMAR	III
42	176K5A0227	VONTEDDU VENKATA NAGA VAMSI	III
43	176K5A0228	YANDRA MOHAN KUMAR	III
44	176K5A0229	CHALLAGALI VIJAYA RAMARAJU	III
45	176K5A0230	CHEKKA CHANDANA SAI SUSHMA	III
46	176K5A0231	GOLLAPALLI SIMHADREESWARA RAO	III
47	176K5A0232	KOTHAPALLI NAVEEN	III
48	176K5A0234	KOTIPALLI PAVAN KUMAR	III
49	176K5A0235	KOTIPALLI VEERA VENKATA SATYANARAYANA	III
50	176K5A0237	DHALLI RAMA MADHAVI	III
51	176K5A0238	ISUKAPATLA SIVARAM KISHORE	III
52	176K5A0239	PYDIMALLA AJAY KUMAR	III
53	176K5A0240	RANGALA MUKESH KUMAR	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 18.01.2020

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2019 to 12.01.2020

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electrical and Electronics Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 53

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	ChVinod Kumar	Associate Professor
4	Electromagnetic fields	K VenkateswarRao	Assistant Professor
5	Signals and Systems	G Ravi Kumar	Assistant Professor


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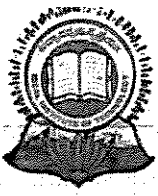
Date: 11.11.19

CIRCULAR

All the III-I semester Mechanical students are hereby inform that, our Mechanical Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 18.11.19 onwards.


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- Cc to
1. Principal office
 2. Mechanical HOD
 3. Notice board
 4. Class Teacher



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

Faculties Allotted for A.Y 2018-19

S.No	Subject	Faculty Name	Designation	Signature
1	Design and Machine Members	K Karuna	Assistant Professor	
2	Integral Combustion Engines	SK Adamsha	Assistant Professor	
3	Dynamics of Machines	M Dedeepya	Assistant Professor	
4	Thermodynamics	N Raja Naidu	Assistant Professor	
5	Refrigeration and Air Conditioning	R Vijaya Lakshmi	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Engineering Mechanics:

Free-body diagrams and equilibrium; friction and its applications including rolling friction, belt-pulley, brakes, clutches, screw jack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; Lagrange's equation.

Mechanics of Materials:

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

Theory of Machines:

Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Fluid Mechanics:

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



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Heat-Transfer:

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


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The list of III B.TechMechanical Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K1A0301	ANISETTI NAVEEN DAYA SAGAR	III
2	166K1A0302	ANASURI VENKATA SANDEEP	III
3	166K1A0303	APPANA NAGA VENKATA MANIKANTA KISHORE	III
4	166K1A0304	BATTIVALASA GURU SAI CHARAN	III
5	166K1A0305	BATTINA SIDDHARTHAKUMAR	III
6	166K1A0306	BEJAWADA SIVAKALYAN	III
7	166K1A0307	BOGULA VEERA VENKATA DURGA LOKESHYADAV	III
8	166K1A0308	CHATRA MADHUBABU	III
9	166K1A0309	CHINTHALAPUDI RAMA KRISHNA	III
10	166K1A0310	CHUNDRU SRIRAM BHARAT	III
11	166K1A0311	DASARI RAJU	III
12	166K1A0312	DEVU RAVI TEJA	III
13	166K1A0313	DUPPADA JAGADEESH CHANDRA	III
14	166K1A0314	ERUGULA SURESH	III
15	166K1A0315	GANDROTHULA SRIRAM	III
16	166K1A0317	GUNIMANIKALA SRIKANTH	III
17	166K1A0318	HANUMANTHAVAJJULA RAGHAVENDRA KOUSHIK	III
18	166K1A0319	ILLINGI RAJU	III
19	166K1A0320	JANGAM RAMESH	III
20	166K1A0321	KORUKONDA EARNST SHINE PAUL	III
21	166K1A0324	KANDA RAMESH	III
22	166K1A0325	KALADI RAMBABU	III
23	166K1A0326	KOLLA MANJUNADH	III
24	166K1A0327	KOMALLAPALLI SATYA SRINIVAS	III
25	166K1A0328	KOMMOJU SIVARAMA KRISHNA	III
26	166K1A0329	KOPPULA VEERA VENKATA SATYA SAI PRASAD	III
27	166K1A0330	KOTA VARAPRASAD	III
28	166K1A0332	MEDIBOINA VEERA VENKATA RAMANA	III
29	166K1A0333	MANDA VENKATA RAMA PADMANABHAM	III
30	166K1A0336	NAKKA SUBHASH CHANDRA	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	166K1A0337	PIDIMI SAIBABA	III
32	166K1A0339	PALEPU DURGA PRASAD	III
33	166K1A0340	PANDI ANAND	III
34	166K1A0341	POLAM MANIKANTA	III
35	166K1A0342	RYALI MOHANA SUMEETH	III
36	166K1A0343	SANA SWAMI NAIDU	III
37	166K1A0344	SANDINA PRUDHVI	III
38	166K1A0345	SANGANI RAJKUMAR	III
39	166K1A0346	TALLATAM VENKATASIVA RAM TEJA	III
40	166K1A0347	VASIPILLI AKHIL	III
41	166K1A0348	VULLUR SAI SOWMYA SREE	III
42	166K1A0349	VOLETI VENKATA RAMYA	III
43	166K1A0350	VEMPADA DURGA PRASAD	III
44	166K1A0351	VITHANALA CHAITANYA CHARAN RAJU	III
45	166K1A0352	VOLETI KAMESWARA RAO	III
46	166K1A0353	YERRAMILLI SAI ADITYA	III
47	176K5A0301	BADITHIMENU VENKATESH	III
48	176K5A0302	CHINTA MANIKANTA	III
49	176K5A0303	CHIPPADA VAMSIPRIYA	III
50	176K5A0304	GANDI RENUKA	III
51	176K5A0305	GOKIVADA RAMA KRISHNA	III
52	176K5A0306	JANAPANEEDI VARA PRASAD	III
53	176K5A0307	KOTHAPALLI DURGAKRISHNA PRASAD	III
54	176K5A0308	KOTINA SRIKAR	III
55	176K5A0309	KOTIPALLI SANTOSHKUMAR	III
56	176K5A0310	NARALA SATYA VENKATA DURGA PRASAD	III
57	176K5A0311	PENUBOTULA PRAVEEN KUMAR	III
58	176K5A0312	SAGARAPU GANGA BHAVANI	III
59	176K5A0313	SALADI VINOD KUMAR	III
60	176K5A0315	VADDI VINY	III
61	176K5A0316	VALLURI JAGADEESH VENKAT PAVAN	III
62	176K5A0317	VANAPARTHI RAMA CHANDRA RAO	III
63	176K5A0318	PANTHADI HARI BABU	III
64	176K5A0319	EAGALA LAVANYA	III
65	17NU5A0352	PANTADI APPALA RAJU	III

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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 18.01.2020

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2019 to 12.01.2020

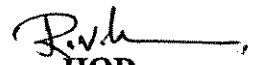
The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Mechanical Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 65

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	ChVinod Kumar	Associate Professor
4	Electromagnetic fields	K VenkateswarRao	Assistant Professor
5	Signals and Systems	G Ravi Kumar	Assistant Professor


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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

CIRCULAR

All the III-I semester Electronics and Communication students are hereby inform that, our Electronics and Communication Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 18.11.19 onwards.


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- Cc to
1. Principal office
 2. Electronics and Communication Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

Faculties Allotted for A.Y 2018-19

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	
2	Network Analysis	M Jagadesh	Assistant Professor	
3	Digital Communications	B V Kalyan Ram	Assistant Professor	
4	Continuous Time Signals	Ch Venkata Prakash	Assistant Professor	
5	Electromagnetics	D Vijaya Lakshmi	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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.

Continuous-time signals:

Fourier series and Fourier transform, sampling theorem and applications.

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.



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

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Transmission lines:

Equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibers, dipole and monopole antennas, linear antenna arrays.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Electronics and Communications Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K1A0401	AKULA BHARGAVI PRIYANKA	III
2	166K1A0402	ANAKAPALLI SATYA INDHRA DEVI	III
3	166K1A0403	AKULA HARIPRIYA	III
4	166K1A0404	ALAPANA LAKSHMI HARI	III
5	166K1A0405	ANASURI BHANU PRAKASH	III
6	166K1A0406	ANGARA LAKSHMI MEGHANA	III
7	166K1A0407	ANISETTI KASI ANNAPURNA	III
8	166K1A0408	AVANIGADDA RAGA NAVYA	III
9	166K1A0409	DOOLAM NEEHARIKA	III
10	166K1A0410	BADDI VANI	III
11	166K1A0411	BANDARU LAVANYA AKHILA	III
12	166K1A0412	CHUNDRU SRINIVAS	III
13	166K1A0414	DALEY KAILASH	III
14	166K1A0415	DEVISETTI VENKATASUSHMASARANYA	III
15	166K1A0416	DEVU VENKATESH	III
16	166K1A0417	GARAPATI GOWTHAMSAGAR	III
17	166K1A0418	GOLAMARI VENKATA SIVA RANGA REDDY	III
18	166K1A0419	GOTTETI DURGA PRASAD	III
19	166K1A0420	GUDIWADA SURENDRA BABU	III
20	166K1A0421	GURRALA HARITHA SAI DURGA	III
21	166K1A0422	KAMISETTI PALLAVI SRI	III
22	166K1A0424	KARRI SARIKA RANI	III
23	166K1A0425	KUCHERLAPATI GEETHA SRI	III
24	166K1A0426	KURINI KALYAN	III
25	166K1A0428	MUCHERLA S V P P APPAJI	III
26	166K1A0429	MALLADI KAMAKSHI	III
27	166K1A0430	MALLADI PRAMEELA DEVI	III
28	166K1A0431	MANTHI PRANEETHA	III
29	166K1A0432	MERUVA KUNDAN KUSHALKUMAR	III
30	166K1A0433	MUGGULLA MANI TEJA	III



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S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	166K1A0434	MUPPIDI SURESH REDDY	III
32	166K1A0436	OLETI TIRUMALA SHIVA VEERA REDDY	III
33	166K1A0438	SESHU SAI ALEKHYA PUPPALA	III
34	166K1A0439	PENKE ISWARYA	III
35	166K1A0440	PENKE SUVARNA TEJA	III
36	166K1A0441	PILLI SATYANJALI	III
37	166K1A0442	REDDI NANDINI	III
38	166K1A0443	RAJAMAHENDRAVARAPU TULASI DEVI	III
39	166K1A0444	SEELAM SAI KRISHNA	III
40	166K1A0445	TADI SATYA BHANU	III
41	166K1A0446	TAMMISETTI BHARGAVI	III
42	166K1A0447	UPPULURI V S SSS M S ANJANI KANTH	III
43	166K1A0449	VALLALA PRATHYUSHA	III
44	166K1A0450	VANKA SUNITHA DEVI	III
45	166K1A0451	YEJARLA SRI TEJA	III
46	166K1A0453	YERRAMILI SRI SESA SAI SUDHA	III
47	166K1A0454	CHINTAKAYALA SAI SIRISHA	III
48	176K5A0401	ADABALA SRAVANI DURGA	III
49	176K5A0402	CHELLABOINA BHAGYAM	III
50	176K5A0403	DULLA SIVAGANGANANAJI	III
51	176K5A0404	DUNNA DEVI	III
52	176K5A0405	GUDUPU RAMA MANISHA	III
53	176K5A0406	JAYAVARAPU RAVIKIRAN	III
54	176K5A0407	KONDAPALLI MAHESH	III
55	176K5A0408	KOPPADI JIGEESHAPRIYA	III
56	176K5A0409	PENKE SIMHADRI APPALARAJU	III
57	176K5A0410	POLISETTI VENKATA SATYA KEERTHI	III
58	176K5A0411	SHAIK NAFIZA	III
59	176K5A0412	AARI MOSHIYA	III
60	176K5A0413	ADDALA JAYA SATYA VANI KUMARI	III
61	176K5A0414	DEVISETTI PURNA SATISH KUMAR	III
62	176K5A0415	KAYALA SANTHI	III
63	176K5A0416	KARRI SURAJ KUMAR	III

A. Anand
HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 18.01.2020

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2019 to 12.01.2020

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electronics and Communication Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

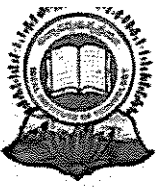
As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 63

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Network Analysis	M Jagadesh	Assistant Professor
3	Digital Communications	B V Kalyan Ram	Assistant Professor
4	Continuous Time Signals	ChVenkataPrakash	Assistant Professor
5	Electromagnetics	D Vijaya Lakshmi	Assistant Professor


HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

CIRCULAR

All the III-I semester Computer Science students are hereby inform that, our Computer Science Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 18.11.19 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Computer Science Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

Faculties Allotted for A.Y 2018-19

S.No	Subject	Faculty Name	Designation	Signature
1	Computer Networks	S Surya Sri	Assistant Professor	
2	Operating Systems	M Jayasree	Assistant Professor	
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor	
4	Digital Logic Design	M S R S Prasad	Assistant Professor	
5	Database Management System	S Jyothirmayee	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 11.11.19

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Computer Networks:

OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuitswitching; 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.

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.

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

Digital Logic Design:

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

Database Management Systems:

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.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Computer Science Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	12S01A0516	RAYUDU LEKHA VISHNU PRIYA	III
2	166K1A0501	BURRA VIGNESWARI DEVI PRIYANKA	III
3	166K1A0502	BADDILI KAVYA	III
4	166K1A0503	BATHINA SIVA YOGI PRASAD	III
5	166K1A0504	BAYYAVARAPU SAI BHAVANI DEEPTHI	III
6	166K1A0505	BHIMAMOJULA SAI RAM PAVAN	III
7	166K1A0506	BODDU DEVI	III
8	166K1A0507	CHEKURI LAKSHMI AISHWARYA	III
9	166K1A0508	CHELLE RESHMA	III
10	166K1A0509	CHOLLANGI JEEVANA SANDHYA PRIYA	III
11	166K1A0510	DASARI L SAGAR VEERA RAGHAVA ANUDEEP	III
12	166K1A0511	DANGETI VINITHA ARJUN RAO	III
13	166K1A0512	DEVADA DURGA DEVI	III
14	166K1A0513	DODDI SAI VASANTHA	III
15	166K1A0514	GUNTAMUKKALA SAI PRASAD	III
16	166K1A0516	GOLAJAPU APARNA	III
17	166K1A0517	GRANDHI NAGASRIKARI	III
18	166K1A0518	GULLA SRUJANA	III
19	166K1A0519	IJJAPUREDDY GAYATRI PADMA SRI VARNIKA	III
20	166K1A0520	JOGA S S BALA POLAYYA KRISHNA CHAKRADHAR	III
21	166K1A0521	KOPPISETTI LALITA	III
22	166K1A0522	KARRI RUPA SRAVANTHI	III
23	166K1A0523	SRI SAI KRITI KALIGOTLA	III
24	166K1A0525	KATARI VAIDEHI	III
25	166K1A0526	KADIAM BHAVYASRI	III
26	166K1A0527	KANAPARTHI BHAVYA SRI	III
27	166K1A0528	KANTHAMSETTI SATYA VENKATA RAJESWARI	III
28	166K1A0529	KARRI SUMASRI	III
29	166K1A0530	KARRI USHA DEVI	III
30	166K1A0531	KHAIRUNNISA RUKHSAAR	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	166K1A0533	KOTAMSETTI RAMYA VENKATA SOWJANYA	III
32	166K1A0534	KSHATRI SACHIN SINGH	III
33	166K1A0535	KUMMAMURU LAKSHMI SAILAJA	III
34	166K1A0536	KUPPA SRINUVASU	III
35	166K1A0537	MANTHENA SATYA SAI LAKSHMI SEETHA DEVI	III
36	166K1A0538	MYDAVOLU SATYASAI SRAVANI	III
37	166K1A0539	MOSALI SAI KALYANI DURGA	III
38	166K1A0540	MARRIVADA SAI MOUNIKA	III
39	166K1A0541	MOHAMMAD TASLEEMA NASREEN	III
40	166K1A0542	N VENKATA GANGASWAMYAJAYCHAKRADHARARAO	III
41	166K1A0543	NAKKA SANDHYARANI	III
42	166K1A0544	NAKKA SIVANANDAM	III
43	166K1A0545	PALACHARLA SURYATEJA	III
44	166K1A0546	PALIKA JYOTHI	III
45	166K1A0547	PATNALA VEERA VENKATA PADMAVATHI	III
46	166K1A0548	PERURI VEERA VENKATA SIVA SURESH	III
47	166K1A0549	PITHANI NEELIMA DEVI	III
48	166K1A0550	POOSARLA PALLAVI SADANA SRIKALA	III
49	166K1A0551	SAGIRAJU VINEESHA	III
50	166K1A0552	SHAIK RUBEENA	III
51	166K1A0553	SHAIK THANEESHA	III
52	166K1A0554	TADI VENKATA BINDU SRAVYA	III
53	166K1A0555	TALAPOLU AMRUTHA	III
54	166K1A0556	TEENA SATYA SWETHA NAGA RANI	III
55	166K1A0557	TUMMALAPALLI SRI SINDHU	III
56	166K1A0558	TUMU NAGA SIVA KALYAN	III
57	166K1A0559	VALLABHAPURAPU RADHIKA	III
58	166K1A0560	SANTOSH PATRO	III
59	176K5A0502	AKUMARTHI SUNIL	III
60	176K5A0503	BALLA KAVYA SREE	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 18.01.2020

Report

Name of the Event: Coaching for Competitive Exams

Date: 19.11.2019 to 12.01.2020

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the **Computer Science Engineering** department has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 60

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Computer Networks	S Surya Sri	Assistant Professor
2	Operating Systems	M Jayasree	Assistant Professor
3	Compiler Design	R V VGani Lakshmi	Assistant Professor
4	Digital Logic Design	M S R S Prasad	Assistant Professor
5	Database Management System	S Jyothirmayee	Assistant Professor

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

CIRCULAR

All the III-I semester Civil students are hereby inform that, our Civil Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 16.11.20 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Civil HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

Faculties Allotted for A.Y 2019-20

S.No	Subject	Faculty Name	Designation	Signature
1	Geo Technical Engineering	B Leela Krishna	Assistant Professor	
2	Environmental Engineering	R Gayatri Devi	Assistant Professor	
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor	
4	Water Resource Engineering	Nazeer Ahmed	Assistant Professor	
5	Transport and Surveying	M Venkata Rao	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Geotechnical Engineering:

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.

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.

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; Concept of boundary layer and its growth; Concept of lift and drag.

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; Concept of 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



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runoff 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.

Transportation and Surveying:

Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments. Geometric design of railway Track – Speed and Cant. Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Civil students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	176K1A0101	AYILA SRINIVASA ARJUN	III
2	176K1A0102	AVALA VEERA SAI KUMAR	III
3	176K1A0103	ALLIPILLI LAKSHMAN RAO	III
4	176K1A0104	ATLA VEERA TEJA	III
5	176K1A0105	BARLA MONISH VARAHALA YADAV	III
6	176K1A0106	BHARATAM MANOZNA SRUTISHA	III
7	176K1A0111	DADALA SUJATHA	III
8	176K1A0112	DARA PUSHPA VALLI	III
9	176K1A0114	GANDIKOTA AKHIL	III
10	176K1A0115	GEESALA VEERA SAI VARA PRASAD	III
11	176K1A0116	GONTHUNA SRINIVASU	III
12	176K1A0117	GUBBALA RUPADEVI	III
13	176K1A0118	GUNTURI LIKHITHA BALA TRIPURA SUNDARI	III
14	176K1A0119	ILLA RAMA DURGA PRASAD	III
15	176K1A0120	JOSYULA SRI RAM	III
16	176K1A0121	KONADA SATYA PAVANI	III
17	176K1A0123	KADA MOHAN KUMAR	III
18	176K1A0126	KARNEEDI SATYA SURYA RAMA DEVI	III
19	176K1A0127	KOTA AJAY	III
20	176K1A0129	LAKKIMSETTI MANEESHA	III
21	176K1A0131	MUDRAGADA RAJA HARSHA	III
22	176K1A0133	MAJJI SWATHI	III
23	176K1A0134	MANCHIMSETTI ANIL KUMAR	III
24	176K1A0135	MOHAMMED ABDUL SAMDANI BASHA	III
25	176K1A0136	MOHAMMAD SAJID	III
26	176K1A0137	MOKANA ANITHA	III
27	176K1A0138	NAMA VEERA VENKATA SATYA SHARAN	III
28	176K1A0139	NAWAZ KHAN	III
29	176K1A0140	OLETI RATNABABU	III
30	176K1A0141	PALIKA PRIYA	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K1A0142	PASILA ANAND	III
32	176K1A0143	PENTA VEERA VENKATA SAI GOWTAM	III
33	176K1A0144	PENTAPATI SAI RAM	III
34	176K1A0145	REDDI RANI	III
35	176K1A0146	RUDRI SRI ANANYA SHIVANI	III
36	176K1A0147	SANGANI MOHANA KRISHNA	III
37	176K1A0148	TALABATHULA LAKSHMI SIRISHA	III
38	176K1A0149	TELLAKULA VEERABABU	III
39	176K1A0150	GOMPA APPALARAJU	III
40	176K1A0151	VEERAMACHANENI JAYA VARDHAN	III
41	176K1A0152	PENKEY JYOTHI SUREKHA	III
42	176K1A0153	YANDAMURI SUNITHA	III
43	176K1A0154	ELLE SHAKINA	III
44	186K5A0102	ATHILI DATTESWAR SAI	III
45	186K5A0104	GRANDHI VENKATA NAGA SESHU MANI KUMAR	III
46	186K5A0105	KAREDLA VIJAY KUMAR	III
47	186K5A0107	KORUVADA NOMI RAMA DEVI	III
48	186K5A0108	MEDISETTI GANESH	III
49	186K5A0109	NANDIPATI PAVANKUMAR	III
50	186K5A0111	VARRI RAVI TEJA	III
51	186K5A0112	VELIVELLA SAI RAJESWARI	III
52	186K5A0113	CHITIKIREDDY ANAND	III
53	186K5A0114	KADA ANIL KUMAR	III
54	186K5A0115	SURISETTI SAI SURYA TEJA	III
55	186K5A0116	DAKI RANADEEP KUMAR	III
56	186K5A0118	ELURI LAKSHMINARAYANA	III

HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 23.01.2021

Report

Name of the Event: Coaching for Competitive Exams

Date: 16.11.2020 to 09.01.2021

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Civil Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 56

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Geo Technical Engineering	B Leela Krishna	Assistant Professor
2	Environmental Engineering	R Gayatri Devi	Assistant Professor
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor
4	Water Resource Engineering	Nazeer Ahmed	Assistant Professor
5	Transport and Surveying	M Venkata Rao	Assistant Professor


HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

CIRCULAR

All the III-I semester Electrical and Electronics students are hereby inform that, our Electrical and Electronics Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 16.11.20 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Electrical and Electronic Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

Faculties Allotted for A.Y 2019-20

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Circuit Analysis	M Jagadesh	Assistant Professor	M. Jagadesh
3	Electrical Machines	Ch Vinod Kumar	Associate Professor	Ch. Vinod Kumar
4	Power Systems	K Venkateswar Rao	Assistant Professor	K. Venkateswar Rao
5	Electric Circuits	A Ramesh	Assistant Professor	A. Ramesh


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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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 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

Power Systems:

Basic concepts of electrical power generation, ac and dc transmission concepts, Models and 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 over-current, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.



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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.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechElectrical and Electronics Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K5A0231	SHEIK SALMAN	III
2	176K1A0201	ANUSURI RAJESWARI	III
3	176K1A0202	BOTTA SAI DURGA KARTHIK	III
4	176K1A0203	CHITNEEDI V L S D M PRIYANKA	III
5	176K1A0204	CHOKKA JAI VENKATA PRASAD	III
6	176K1A0205	DENDULURI VEERA GANGESWARARAO	III
7	176K1A0206	DUVVANA VINAY KUMAR	III
8	176K1A0208	KADALI CHAITANYA PAWAN KALYAN	III
9	176K1A0209	MEDISETTY VEERA VENKATA SRI DHANUSH	III
10	176K1A0210	MOHAMMAD AYESHA BEGUM	III
11	176K1A0211	OLETI NAGARJUNA	III
12	176K1A0213	PILLI SIRISHA	III
13	176K1A0214	MENDU VEERA VENKAT	III
14	176K1A0215	TANNERU MANOJ	III
15	186K5A0201	BHEESETTI VENKATARAMANA	III
16	186K5A0202	BIRUDA VIJAYAKUMAR	III
17	186K5A0203	BOJJA RUCHITA	III
18	186K5A0204	PITHANI MAHESH	III
19	186K5A0205	JALUMURU SIMHACHALAM	III
20	186K5A0206	KAMADI KIRAN TEJA	III
21	186K5A0207	KANDEPALLI ROHIT	III
22	186K5A0208	MASABATTULA SUNEEL	III
23	186K5A0209	PALEPU RAJESH	III
24	186K5A0211	SIVALANKA HIMAVARSHA	III
25	186K5A0212	TADI MANOJ KUMAR	III



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S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
26	186K5A0213	TATAPUDI BHANU	III
27	186K5A0214	TEKUMUDI DHANUKAR	III
28	186K5A0215	ANUSURI RAJA SURENDRA	III
29	186K5A0216	ADAPA VEERABABU	III
30	186K5A0217	RAVULA VEERABABU	III
31	186K5A0218	MAGAPU SAI PAVAN KALYAN	III
32	186K5A0219	VEMAGIRI SRINIVAS	III
33	186K5A0220	GANDHAM RANJEETH KUMAR	III

A. Rammy
HOD



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 23.01.2021

Report

Name of the Event: Coaching for Competitive Exams

Date: 16.11.2020 to 09.01.2021

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electrical and Electronics Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 33

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	Ch Vinod Kumar	Associate Professor
4	Power Systems	K Venkateswar Rao	Assistant Professor
5	Electric Circuits	A Ramesh	Assistant Professor

A Ramesh

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

CIRCULAR

All the III-I semester Mechanical students are hereby inform that, our Mechanical Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 16.11.20 onwards.


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- Cc to
1. Principal office
 2. Mechanical HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

Faculties Allotted for A.Y 2019-20

S.No	Subject	Faculty Name	Designation	Signature
1	Design and Machine Members	K Karuna	Assistant Professor	
2	Integral Combustion Engines	R Vijaya Lakshmi	Assistant Professor	
3	Dynamics of Machines	M Dedeepya	Assistant Professor	
4	Applied Thermodynamics	N Raja Naidu	Assistant Professor	
5	Engineering Mechanics	D DharmaKumar	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Engineering Mechanics:

Free-body diagrams and equilibrium; friction and its applications including rolling friction, belt-pulley, brakes, clutches, screw jack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; Lagrange's equation.

Mechanics of Materials:

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

Theory of Machines:

Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Fluid Mechanics:

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



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Heat-Transfer:

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


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechMechanical Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	176K1A0301	AKKAPALLI ABHISHEK GOUD	III
2	176K1A0302	BODDU GIREESH BHAVANI SANKAR	III
3	176K1A0303	BODDU KRISHNA SATYA SAI SUNIL	III
4	176K1A0304	BOLLU NAGA KUCHELU	III
5	176K1A0305	BONTHU RAJESH	III
6	176K1A0306	CHALAMALASETTY SAI KRISHNA	III
7	176K1A0307	CHODABATHULA VEERABABU	III
8	176K1A0309	GINJALA VEERA SIVA SHANKAR	III
9	176K1A0310	GURTHURTHI MANIKANTA ESWAR	III
10	176K1A0311	IREDDY VINAY	III
11	176K1A0312	IJJAPU NAGENDRA	III
12	176K1A0313	ILLA PARVATHIDEVI	III
13	176K1A0314	JAKKALA AKHILESH HIMANTH	III
14	176K1A0315	KALLA HITESH RAM	III
15	176K1A0317	KASILANKA SIVA CHAKRADHAR	III
16	176K1A0318	KETHA BHAVANI PRASAD	III
17	176K1A0319	KOLIMALLA GANGADHAR	III
18	176K1A0320	KOLLABATHULA AKHIL	III
19	176K1A0321	KOLLU BHARAT VIJAY	III
20	176K1A0322	KURASALA PRADEEP	III
21	176K1A0323	MADDULA JASWANTH RATNAKAR	III
22	176K1A0324	ANUSURI SANDEEP SWAMY	III
23	176K1A0325	MALAKALA PAVAN KALYAN	III
24	176K1A0326	MALIPEDDI MUTHYA LOKESH	III
25	176K1A0327	MATTAPARTHI VENKATA PRADEEP	III
26	176K1A0328	MEDISETTI TEJA VENKATA MANIKUMAR	III
27	176K1A0329	MEESALA VENKATESH	III
28	176K1A0330	MOKA PRADEEP	III
29	176K1A0331	NAKKA NAGA LEELA VENKATA AJAY	III
30	176K1A0332	PABBINEEDI DINESH	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K1A0333	PILLI NAGASAI	III
32	176K1A0334	PILLI SHIVARAJU	III
33	176K1A0335	PAPPU DEVI SATYA RAJA VIGNESH	III
34	176K1A0336	POTHU APARNA	III
35	176K1A0337	RAPAKA SAKHI	III
36	176K1A0339	REDNAM VEERENDRA LAKSHMAN SIVA SRINIVAS	III
37	176K1A0341	SANA SRIRAM	III
38	176K1A0342	SEELAMANTHULA VIJAY	III
39	176K1A0343	SEELI SANDEEP SAGAR	III
40	176K1A0344	SEERAM KARUN KUMAR	III
41	176K1A0345	SHAIK HYDER	III
42	176K1A0346	SIDDIREDDI SRI SATYA SAI PRASANTH	III
43	176K1A0347	VASIREDDY MANIKANTA	III
44	176K1A0348	UMMIDI GANGADHAR	III
45	176K1A0349	UMMIDI JOSEPH	III
46	176K1A0351	VARA ROSE JESSY ANAND	III
47	176K1A0352	YENDAMURI LAKSHMI SAI RAJ VAMSI	III
48	176K1A0353	VASA SRIHARSHA	III
49	176K1A0354	KOTIKALAPUDI CHARAN KUMAR	III
50	186K5A0301	ADIREDDY RAJESH	III
51	186K5A0302	CHELIKANI MANIKIRAN	III
52	186K5A0303	GIDUTURI HEMANTHSAISRIHARI	III
53	186K5A0304	GUBBALA APUROOP	III
54	186K5A0305	KALIDINDI PRASUNA	III
55	186K5A0306	KARRI TEJA	III
56	186K5A0307	KATTA JANAKI RAMAIAH	III
57	186K5A0308	KUDELLI NAVEEN KUMAR	III
58	186K5A0309	MALIREDDY RAMU	III
59	186K5A0310	MALLIPUDI ANIL KUMAR	III
60	186K5A0311	MOGALATURTHI VEERABABU	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 23.01.2021

Report

Name of the Event: Coaching for Competitive Exams

Date: 16.11.2020 to 09.01.2021

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Mechanical Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 60

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Design and Machine Members	K Karuna	Assistant Professor
2	Integral Combustion Engines	R Vijaya Lakshmi	Assistant Professor
3	Dynamics of Machines	M Dedeepya	Assistant Professor
4	Applied Thermodynamics	N Raja Naidu	Assistant Professor
5	Engineering Mechanics	D DharmaKumar	Assistant Professor


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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

CIRCULAR

All the III-I semester Electronics and Communication students are hereby inform that, our Electronics and Communication Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 16.11.20 onwards.


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- Cc to
1. Principal office
 2. Electronics and Communication Engineering HOD
 3. Notice board
 4. Class Teacher



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

Faculties Allotted for A.Y 2019-20

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	<i>D. Madhu</i>
2	Network Analysis	M Jagadesh	Assistant Professor	<i>M. Jagadesh</i>
3	Digital Communications	B V Kalyan Ram	Assistant Professor	<i>B. V. Kalyan Ram</i>
4	Discrete Time Signals	Ch Venkata Prakash	Assistant Professor	<i>Ch. V. Prakash</i>
5	Digital Circuits	D Vijaya Lakshmi	Assistant Professor	<i>D. Vijaya Lakshmi</i>

T. S. R.
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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.

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

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.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Electronics and Communications Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	166K1A0448	VASIREDDI RAVICHANDRA	III
2	16A91A04C6	BADAM ADITYA MANI HARSHAVARDHAN	III
3	16B21A04I0	DARABALA PREM GANESH	III
4	176K1A0401	ARJI INDU	III
5	176K1A0402	MOHAMMED ARSHIYA KULSUM	III
6	176K1A0403	BHAGAVATHI YASWANTH	III
7	176K1A0404	BANDARU VENKATA SURYA DURGA	III
8	176K1A0406	BURRA CHAITANYA SRI ANUSHA	III
9	176K1A0407	BURRA PRABHA	III
10	176K1A0408	CHOLLANGI KARTHEEK SREE SAI SURYA	III
11	176K1A0409	CHALLA BHARADWAJ	III
12	176K1A0410	CHELLURI SAI VENKATA BALARAMA KRISHNA	III
13	176K1A0411	DUDA CHITHRAMEGHANA	III
14	176K1A0412	DARA LALITHA SRI	III
15	176K1A0413	D MONIKA	III
16	176K1A0414	DANDUPROLU RAKESH	III
17	176K1A0415	DOMA JYOTHI	III
18	176K1A0416	ELIGANTI HARI VENKATESH	III
19	176K1A0418	GUDIPALLI PRASHANTHI	III
20	176K1A0419	GUNNADA HARSHA SRI	III
21	176K1A0420	ILAPAKURTHY SESA SAI SAMEERA	III
22	176K1A0421	KATARI LAKSHMI NARAYANA	III
23	176K1A0422	KATTULA RENUKA	III
24	176K1A0423	KALE NANDINI	III
25	176K1A0424	KATTA RUBY SAGARIKA	III
26	176K1A0425	KOMMIREDDY JAGADEESHBABU	III
27	176K1A0426	KONDURI SATYA LAKSHMI	III
28	176K1A0427	KOPPISETTI SRAVANI PRIYA	III
29	176K1A0428	KOSANAM SUMANTH	III
30	176K1A0429	KOSURI KALYANA RAMU	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K1A0430	KUPPILI KOTESWARI	III
32	176K1A0431	KURMADASU SAI LAKSHMI RATNA PRIYANKA	III
33	176K1A0432	LANKE AKANKSHA	III
34	176K1A0433	THIYANESWARAN M	III
35	176K1A0434	MATCHA RENUKA	III
36	176K1A0435	MURAPAKA ANANTHA BHAVANI VEERESH	III
37	176K1A0436	NAGABATTULA VIVEK	III
38	176K1A0437	NAKKA ADI LAKSHMI	III
39	176K1A0438	NARAPAREDDY YASASWINI	III
40	176K1A0439	PATTA GAYATHRI	III
41	176K1A0440	POLAPRAGADA VAISHNAVI SANDHYA	III
42	176K1A0441	PACHIGALLA SHEKINAH GLORY	III
43	176K1A0442	PAJJURI DILEEP NAGENDRA SAI KUMAR	III
44	176K1A0443	PASAGADA KUSHAL CHANDU	III
45	176K1A0444	PEDAGADI VEERA VENKATA PADMA SWETHA	III
46	176K1A0445	PENDYALA SAI SUMANTH	III
47	176K1A0446	SANA HARI LAXMI	III
48	176K1A0447	SAGUBANDI V S SAI PAVAN KRISHNA	III
49	176K1A0448	SRIDHARA PAVAN KUMAR	III
50	176K1A0449	VANKA LASYA PRIYANKA	III
51	176K1A0450	VIYYURI PAVAN SATISH	III
52	176K1A0451	VASAMSETTI SUSHMA	III
53	176K1A0452	VASAMSETTI CHANDRASHEKHAR	III
54	176K1A0453	VASAMSETTI MOUNIKA	III
55	176K1A0454	VASAMSETTI PARIMALA LAKSHMI PADMAJA	III
56	176K1A0455	VASANTHARAO V N B R S PARIMALA SRIDEVI	III
57	176K1A0456	VOLETI NAVAKIRAN	III
58	176K1A0457	VUDDAGIRI KALYAN	III
59	176K1A0458	MEDA SRINIVAS	III
60	176K1A0459	SURESH HARI PRASAD MUDALIAR	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
61	177Y1A0417	GURRALA VENKAT	III
62	186K5A0401	ADIGARLA SHARISHMA	III
63	186K5A0402	KAMBALA BHAVANI	III
64	186K5A0403	KARAY SUMANTH NARAYAN	III
65	186K5A0404	KARNATI DURGA PRASAD	III
66	186K5A0405	KARUKONDA ANNAMADHURI	III
67	186K5A0406	KASI SATYA SHEELA	III
68	186K5A0407	MALIPIREDDY MADHURI SAMYUKTHA	III
69	186K5A0408	MUGGULLA MADHURI	III
70	186K5A0409	PAMPANA PRAVALLIKA	III
71	186K5A0410	PYLA SRIDEVI PRAVALLIKA	III
72	186K5A0411	MATTA ADITYA SAI	III
73	186K5A0412	KOMMOJU RAMYA	III

HOD



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 23.01.2021

Report

Name of the Event: Coaching for Competitive Exams

Date: 16.11.2020 to 09.01.2021

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the **Electronics and Communication Engineering** department has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 73

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Network Analysis	M Jagadesh	Assistant Professor
3	Digital Communications	B V Kalyan Ram	Assistant Professor
4	Discrete Time Signals	Ch Venkata Prakash	Assistant Professor
5	Digital Circuits	D Vijaya Lakshmi	Assistant Professor


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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

CIRCULAR

All the III-I semester Computer Science students are hereby inform that, our Computer Science Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 16.11.20 onwards.

T. S. S. 9/11/20

PRINCIPAL

- Cc to
1. Principal office
 2. Computer Science Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

Faculties Allotted for A.Y 2019-20

S.No	Subject	Faculty Name	Designation	Signature
1	Computer Networks	V Satya Sri	Assistant Professor	
2	Operating Systems	P Sai Sowjanya	Assistant Professor	
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor	
4	Theory of Computation	M S R S Prasad	Assistant Professor	
5	Database Management System	S Jyothirmayee	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 09.11.20

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Computer Networks:

OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuitswitching; 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.

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.

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

Theory of Computation:

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

Database Management Systems:

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.

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The list of III B.TechComputer Science Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	176K1A0501	ADABALA LIKHITA CHANDANA	III
2	176K1A0502	ADARI SUVARNA LAKSHMI	III
3	176K1A0503	ALLURU SUBHA MAHESWARI	III
4	176K1A0504	ANUSURI SRIKRISHNA	III
5	176K1A0506	BAVARISETTY PRAVALLIKA DEVI	III
6	176K1A0507	BOMMISETTI SAI VENKATA SOWJANYA	III
7	176K1A0508	CHANDRAMALLA SUNIL KUMAR	III
8	176K1A0509	CHINTAPALLI BHAVANI ANUSHA	III
9	176K1A0510	DADALA JAYAKAR	III
10	176K1A0511	DARA LAKSHMI NARAYANI VANGMAYI	III
11	176K1A0512	DEVU VEERA VENKATA SATYANARAYANA SWAMY	III
12	176K1A0513	DRONAMRAJU KRISHNA CHAITANYA	III
13	176K1A0514	DUDDI VARAPRASAD	III
14	176K1A0515	DUPPALAPUDI SATYA SRIDEVI	III
15	176K1A0516	GUNNADA LAKSHMI LAVANYA	III
16	176K1A0517	GUTALA MANIKYA PADMA SAHITHI	III
17	176K1A0518	GUNDU SAI SAMHITHA	III
18	176K1A0520	GARIMELLA VENKATA SATYA SAI ARUNASRI	III
19	176K1A0521	IMANDI PRUDVI KUMAR	III
20	176K1A0522	KADALI SATYA ISHYANTH	III
21	176K1A0524	KARNASULA APARNA	III
22	176K1A0525	KASI MADHURI	III
23	176K1A0526	MAGAPU RAGHURAM	III
24	176K1A0527	KOPPISETTI VINAY KUMAR	III
25	176K1A0528	MEESALA BHARGAVA SRIRAJ	III
26	176K1A0529	MAILPILLI NAVYA RANI	III
27	176K1A0530	MATCHA MADHURI SITARA	III
28	176K1A0532	MERUGU DIVYA NAGA SATYABHAVANI	III
29	176K1A0533	NAMADI MELIMA	III
30	176K1A0534	NICHINAGUNTA VAMSI	III



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S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	176K1A0535	PABBINEEDI GANGA BHAVANI	III
32	176K1A0536	DODDIPATLA GANGA SINDUJA	III
33	176K1A0537	PETTELA SWETHA	III
34	176K1A0538	PASUPULETI VISHAL	III
35	176K1A0539	PALIKA SURYA SRI	III
36	176K1A0540	PASUPULETI SREEVENI POOJITHA	III
37	176K1A0541	PITANI HEMA PRIYANKA	III
38	176K1A0542	POSIMSETTI DIVYA SREE	III
39	176K1A0543	SWARNA NAGA SIRISHA	III
40	176K1A0544	SAGI SIVANI	III
41	176K1A0545	SOLLETI SRI HARSHA PRIYA	III
42	176K1A0547	SABBINA SURYASARANYA	III
43	176K1A0548	SHAIK BASHEER	III
44	176K1A0549	TAMMANA ABHIVARDHAN	III
45	176K1A0550	TIRUMALASETTI SAI MEGHANA	III
46	176K1A0551	URIVITI SAI LAKSHMI CHELSEA	III
47	176K1A0552	VASAMSETTY PURNA SATYA SAI LOVA KUMAR	III
48	176K1A0553	VADDI GANGOTRI	III
49	176K1A0554	VANAJANGI LIKHITHA	III
50	176K1A0555	VANKA RESHMA NEELIMA	III
51	176K1A0557	KADIYALA SURESH	III
52	176K1A0558	VILAPARTHI NAGA VEERA SESA SWAROOP	III
53	176K1A0559	GOLLAPALLI DINESH RAJA	III
54	17S01A0511	MUDUNURU HIMA SAHITHI	III
55	186K5A0501	AAKULA ALEKYA	III
56	186K5A0502	GORUSETTI MURALI	III
57	186K5A0503	GUBBALA SARITHA	III
58	186K5A0504	JAGU VEERABHARGAVI	III
59	186K5A0505	KAMIREDDY ANUSHA	III
60	186K5A0506	KANDREGULA PRAVEEN KUMAR	III

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 23.01.2021

Report

Name of the Event: Coaching for Competitive Exams

Date: 16.11.2020 to 09.01.2021

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the **Computer Science Engineering** department has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 60

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Computer Networks	V Satya Sri	Assistant Professor
2	Operating Systems	P Sai Sowjanya	Assistant Professor
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor
4	Theory of Computation	M S R S Prasad	Assistant Professor
5	Database Management System	S Jyothirmayee	Assistant Professor


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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

CIRCULAR

All the III-I semester Civil students are hereby inform that, our Civil Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 15.11.21 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Civil HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

Faculties Allotted for A.Y 2020-21

S.No	Subject	Faculty Name	Designation	Signature
1	Geo Technical Engineering	M Geeta Sri	Assistant Professor	M. Geeta Sri
2	Environmental Engineering	V Taranga	Assistant Professor	V.T.D. Kalyani
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor	T.B.N. Satya Sirisha
4	Structural Analysis	Nazeer Ahmed	Assistant Professor	Nazeer Ahmed
5	Steel Structures	D Ramya	Assistant Professor	D. Ramya

T. S. P.
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Geotechnical Engineering:

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.

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.

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; Concept of boundary layer and its growth; Concept of lift and drag.

Steel Structures:

Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis -beams and frames.

Steel Structures:

Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis -beams and frames.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Civil students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	176K1A0132	MAMIDALA SAIRAM	III
2	186K1A0101	BONAM THANVI KRISHNA	III
3	186K1A0102	BONDA ANIL KUMAR	III
4	186K1A0103	CHINNI DURGA SRINIVAS	III
5	186K1A0104	CHINNI SHARON KUMAR	III
6	186K1A0105	GOPI SRI KEERTHI PRAVALLIKA	III
7	186K1A0106	KADALI YASWANTH KUMAR	III
8	186K1A0107	KAKARAPALLI DEVI LALITHA	III
9	186K1A0108	KAKINADA SIVANI	III
10	186K1A0110	KARANAM VIMALA	III
11	186K1A0111	KATTA UDAY SHANKAR	III
12	186K1A0112	KONDEPUDI MAMATHA	III
13	186K1A0113	MADABOYINA NAVEEN	III
14	186K1A0114	MELAM SIVA RAJA	III
15	186K1A0115	MOHAMMED AMEENA BEGUM	III
16	186K1A0117	PADALA MAHESH BABU	III
17	186K1A0119	PETTELA GOWTHAM	III
18	186K1A0121	RAYUDU MAHESH	III
19	186K1A0122	SIDDANTHAPU HANOCK	III
20	186K1A0123	UNGARALA SRI BHARGAV KALYAN	III
21	186K1A0124	VASIPILLI VENKAT VAMSI	III
22	186K1A0125	VELUGUBANTLA SIDDHU	III
23	186K1A0127	KARASUDULA SAI NIKHIL TEJA	III
24	186K1A0128	KOLA CHARAN TEJA	III
25	196K5A0101	ANASOORI SURYA PAVAN	III
26	196K5A0102	BANDARU LAKSHMI PRASANNA	III
27	196K5A0103	CHILAKALAPUDI VARSHITHA SAI DEEPIKA	III
28	196K5A0106	GANTI TEJASWINI	III
29	196K5A0107	GUBBALA LALITHA DEVI	III
30	196K5A0108	INJARAPU SHIVANI	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	196K5A0113	KOLLABATHULA DIVYA	III
32	196K5A0115	KORNI HARISH KUMAR	III
33	196K5A0116	KOTIPALLI ANITHA KEERTHANA	III
34	196K5A0118	MALAKAPALLI SRIKANTH	III
35	196K5A0119	NAMA VEERESH	III
36	196K5A0120	NARAPINNI BHANU PRAKASH	III
37	196K5A0121	PADALA VENKAT	III
38	196K5A0122	RAYUDU SAIRAM	III
39	196K5A0123	RAYUDU VIJAYA DURGA	III
40	196K5A0124	REDDI SIVA NAGENDRA	III
41	196K5A0125	SANA SIVASEKHAR	III
42	196K5A0127	SANKRANI KASTURI	III
43	196K5A0128	SATYAMSETTI VINAY	III
44	196K5A0130	TULASI SRI RAVI	III
45	196K5A0131	VASAMSETTI MANGA SATISH	III
46	196K5A0132	VELLAMKILA HARISH	III
47	196K5A0133	YANAMADALA BHARGAVI	III
48	196K5A0134	YANDAPALLI ARUN KUMAR	III
49	196K5A0135	INDANA VEERA SANKAR	III
50	196K5A0136	KONDAYYPALEPU SURESH KUMAR	III
51	196K5A0137	VADAKATTU ANAND BHAGAVAN	III
52	196K5A0138	NARLA CHAITANYA RAJU	III

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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 22.01.2022

Report

Name of the Event: Coaching for Competitive Exams

Date: 15.11.2021 to 08.01.2022

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Civil Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 52

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Geo Technical Engineering	M Geeta Sri	Assistant Professor
2	Environmental Engineering	V Taranga	Assistant Professor
3	Fluid Mechanics	T B N Satya Sirisha	Assistant Professor
4	Structural Analysis	Nazeer Ahmed	Assistant Professor
5	Steel Structures	D Ramya	Assistant Professor

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

CIRCULAR

All the III-I semester Electrical and Electronics students are hereby inform that, our Electrical and Electronics Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 15.11.21 onwards.

PRINCIPAL

- Cc to
1. Principal office
 2. Electrical and Electronic Engineering HOD
 3. Notice board
 4. Class Teacher



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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

Faculties Allotted for A.Y 2020-21

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	<i>D. Madhu</i>
2	Circuit Analysis	M Jagadesh	Assistant Professor	<i>M. Jagadesh</i>
3	Electrical Machines	A Ramesh	Assistant Professor	<i>A. Ramesh</i>
4	Power Systems	N Raja Veni	Assistant Professor	<i>N. Rajaveni</i>
5	Power Electronics	D Lalitha Kumari	Assistant Professor	<i>D. Lalitha Kumari</i>

T. S. R.
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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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 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

Power Systems:

Basic concepts of electrical power generation, ac and dc transmission concepts, Models and 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 over-current, differential, directional and distance protection; Circuit breakers, System stability concepts, Equal area criterion.



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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 and thyristor based converters; Power factor and Distortion Factor of ac to dc converters; Single-phase and three-phase voltage and current source inverters, sinusoidal pulse width modulation.


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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechElectrical and Electronics Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	186K1A0201	AKSHINTHALA GOWTHAMI SURYA PADMAVATHI	III
2	186K1A0202	GUNDAVARAPU BHARGAVI	III
3	186K1A0203	GUNTAMUKKALA SUPRAJA	III
4	186K1A0204	MADIKI RANI	III
5	186K1A0205	MANUPUDI BABY LAVANYA	III
6	186K1A0206	NAGULLA GOPI KIRAN	III
7	186K1A0207	PATNAM SRAVYA MEHER	III
8	186K1A0208	TUTTA HARI MANIKANTA	III
9	186K1A0210	YALLA LEELASAI	III
10	186K1A0211	POTHABATTULA NAGENDRA VARMA	III
11	196K5A0201	ANUSURI RAJESH	III
12	196K5A0202	BODDY KUMAR	III
13	196K5A0204	BOLLINKALA BHAVANI SOUJANYA	III
14	196K5A0205	BONTHU TEJA	III
15	196K5A0206	CHEKKA BHAGYA SRI	III
16	196K5A0207	CHIPPADA KIREETI	III
17	196K5A0208	ELURI BHAVANI	III
18	196K5A0209	GUTHULA V V SATYANARAYANA	III
19	196K5A0210	GANASALA NAGA SAI THARUN	III
20	196K5A0211	GEDDAM SRINU	III
21	196K5A0212	GIDUTOORI PRASAD	III
22	196K5A0213	GUMMALA SUSHMA MEGHALA	III
23	196K5A0214	GUTTULA VENKATA DURGA SIVAPRASAD	III
24	196K5A0215	KAPAGANTI NAGA SAI PAVAN	III
25	196K5A0216	KARADI VEERA VENKATA SAI DURGA	III
26	196K5A0217	KATE DEEPIKA	III
27	196K5A0218	KATTULA HIMA SHANKAR SAI VENKAT	III
28	196K5A0219	KILIMI SAI PRUDHVI	III
29	196K5A0220	KOPPISETTI AJAY KUMAR	III
30	196K5A0221	MEDAPOTHULA VEERA BABU	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	196K5A0222	MOLLI SURENDRA RAJU	III
32	196K5A0223	MORUKURTHI GANGADHAR	III
33	196K5A0224	NARALA SURYA TEJA	III
34	196K5A0225	NEELA PUSHPA SIREESHA	III
35	196K5A0226	PEKETI RAJESH	III
36	196K5A0227	PEMMANABOIDI DURGAPRASADU	III
37	196K5A0228	PEPAKAYALA MAHESH SAI	III
38	196K5A0229	PERLA NAGA RAMA SIVAGANESH	III
39	196K5A0230	SALADI RAJ KIRAN	III
40	196K5A0231	SARAGADA APPANNA VARA PRASAD	III
41	196K5A0234	TEDLAPU SAI KRISHNA CHANDRASEKHAR	III
42	196K5A0235	TIRUMALANEDI BHANU VEERA SIVAKUMAR	III
43	196K5A0236	VALLU CHANDU	III
44	196K5A0237	VANAMADI SANDHYA	III
45	196K5A0238	VANIMINA SIVA	III
46	196K5A0239	VEERAMALLA MANI VARDHAN	III
47	196K5A0240	VOLETI NANDA GOPAL	III
48	196K5A0241	YELETI ANAND	III
49	196K5A0242	URADALA SATYA SAI DURGA PRASAD	III
50	196K5A0243	GUNAPALLI SATYA VINAY	III
51	196K5A0244	KANNOJI DURGA PRASAD	III
52	196K5A0245	MAHANTHI VIDYA SEKHAR	III
53	196K5A0246	MAGANTI SRIHARI	III
54	196K5A0247	PALLALA RAJA REDDY	III

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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 22.01.2022

Report

Name of the Event: Coaching for Competitive Exams

Date: 15.11.2021 to 08.01.2022

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Electrical and Electronics Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 54

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Circuit Analysis	M Jagadesh	Assistant Professor
3	Electrical Machines	A Ramesh	Assistant Professor
4	Power Systems	N Raja Veni	Assistant Professor
5	Power Electronics	D Lalitha Kumari	Assistant Professor


HOD



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

CIRCULAR

All the III-I semester Mechanical students are hereby inform that, our Mechanical Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 15.11.21 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Mechanical HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

Faculties Allotted for A.Y 2020-21

S.No	Subject	Faculty Name	Designation	Signature
1	Design and Machine Members	J Lalitha Prathyusha	Assistant Professor	
2	Integral Combustion Engines	R Vijaya Lakshmi	Assistant Professor	
3	Dynamics of Machines	N Raghuram	Assistant Professor	
4	Heat Transfer	N Sandeep	Assistant Professor	
5	Kinematics of Machinery	G Ravi Kumar	Associate Professor	

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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Engineering Mechanics:

Free-body diagrams and equilibrium; friction and its applications including rolling friction, belt-pulley, brakes, clutches, screw jack, wedge, vehicles, etc.; trusses and frames; virtual work; kinematics and dynamics of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; Lagrange's equation.

Mechanics of Materials:

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

Theory of Machines:

Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope. Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

Applied Thermodynamics:

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

Machining and Machine Tool Operations:

Mechanics of machining; basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, jigs and fixtures; abrasive machining processes; NC/CNC machines and CNC programming.

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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.TechMechanical Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	186K1A0301	ADDANKI ASHOK VEERU	III
2	186K1A0302	AKSHINTALA ARUDRA KAMESH	III
3	186K1A0303	BADUGU NARESH	III
4	186K1A0304	BASWA RAJESH	III
5	186K1A0305	CHAGANTI NAGAVENKATA SATYALALITHSREE	III
6	186K1A0306	CHEPENI DEVA NAGA MANOHAR	III
7	186K1A0307	CHINTA JAYARAM	III
8	186K1A0308	DANDUPROLU DHARMA TEJA	III
9	186K1A0309	DUDI SUBHASH LALITHA SATYA SAI	III
10	186K1A0310	GANJA SAI MAHESH	III
11	186K1A0311	GARIKIMUKKULA SAMUEL LEKIKH	III
12	186K1A0312	GEDDAM RAVI BHUSHAN RAO	III
13	186K1A0313	GOPA SRI NAGA SAI SAVITRI RAO SASIDHAR	III
14	186K1A0314	KADIYALA JOHN MOJESH	III
15	186K1A0316	KARRI SIVA SAI KUMAR	III
16	186K1A0318	KONDA SATISH	III
17	186K1A0319	KUDUPUDI SHANMUKHA JAGANMOHAN	III
18	186K1A0320	MUNUKOTA SAI SIDDHARTHA	III
19	186K1A0321	NAKKA VENKATA SIVASAI	III
20	186K1A0323	PANDURAJU UMA SEKHAR RAJU	III
21	186K1A0324	PILLI JYOTHI SWAROOP RAJ	III
22	186K1A0325	POLISETTI SRI HARSHATH	III
23	186K1A0326	REVVU DINESH	III
24	186K1A0327	ACHANTA ADITYA SURYA BHASKAR	III
25	186K1A0328	SHAIK ADIL BASHA	III
26	186K1A0329	SRIRAM V N MANI SAI RAKESH	III
27	186K1A0330	SURAMPUDI MANIKANTA	III
28	186K1A0331	TALATAM SUBHASH	III
29	186K1A0332	TURANGI HEMANTH	III
30	186K1A0333	VALLURI SRI VENKATAPAVAN KRISHNA	III



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	186K1A0334	VASAMSETTI KRISHNA VAMSI	III
32	186K1A0335	VASAMSETTI YASWANTH	III
33	186K1A0336	VENNAPU SATYA DURGA PRASAD	III
34	186K1A0337	VISWANADHULA SATYA NAGENDRA PHANI KUMAR	III
35	196K5A0301	ADIGARLA K R SATYANARAYANA	III
36	196K5A0302	ANASURI HEMASIRISHA	III
37	196K5A0303	CHEKKA AJAY KUMAR	III
38	196K5A0304	CHODIPILLI NAGENDRA	III
39	196K5A0305	ETHAKOTA NAVEEN BABU	III
40	196K5A0306	GADDADA EMANIEL	III
41	196K5A0307	GANDHA GOVINDU	III
42	196K5A0308	JAMMALAMADAKA LAKSHMI ISWARYA	III
43	196K5A0309	KOTAKALA VARDHAN	III
44	196K5A0310	KOTTEDA YASHODA	III
45	196K5A0311	KOYYA ANJALI DEVI	III
46	196K5A0312	MANDALA SAI RAJESH	III
47	196K5A0313	MASA DILEEP	III
48	196K5A0314	MOHAMMAD NASURULHAQ	III
49	196K5A0315	PASAGADA JAMITRA SRI	III
50	196K5A0318	PITHANI TEJASWI	III
51	196K5A0319	P VEERA VENKATA SATYA SAI MANIKANTA	III
52	196K5A0320	SESHANA SAI DEEPIKA	III
53	196K5A0321	THOLUM MANI KANTA SAI	III
54	196K5A0322	THOTAKURA DEVI VARA PRASAD	III
55	196K5A0323	VASAMSETTI MADHAVI	III
56	196K5A0324	B VEERA VENKATA SATYA GOPALA KRISHNA	III
57	196K5A0325	GOLLAPALLI DIVYA	III
58	196K5A0326	KELLA KARUNAKAR	III
59	196K5A0327	SALADI SAGAR	III
60	196K5A0328	YENUGA K V S D S CHANDRA SHEKAR	III
61	196K5A0329	DANGETI NAGARJUNA	III

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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 22.01.2022

Report

Name of the Event: Coaching for Competitive Exams

Date: 15.11.2021 to 08.01.2022

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the department of **Mechanical Engineering** has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 61

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Design and Machine Members	J Lalitha Prathyusha	Assistant Professor
2	Integral Combustion Engines	R Vijaya Lakshmi	Assistant Professor
3	Dynamics of Machines	N Raghuram	Assistant Professor
4	Heat Transfer	N Sandeep	Assistant Professor
5	Kinematics of Machinery	G Ravi Kumar	Associate Professor

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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

CIRCULAR

All the III-I semester Electronics and Communication students are hereby inform that, our Electronics and Communication Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 15.11.21 onwards.


PRINCIPAL

- Cc to
1. Principal office
 2. Electronics and Communication Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

Faculties Allotted for A.Y 2020-21

S.No	Subject	Faculty Name	Designation	Signature
1	Control Systems	D Madhu	Assistant Professor	D. Madhu
2	Network Analysis	M Jagadesh	Assistant Professor	M Jagadesh
3	Digital Communications	B V Kalyan Ram	Assistant Professor	B. V. Kalyan Ram
4	Carrier Transport	Ch Venkata Prakash	Assistant Professor	Ch. V. Prakash
5	Analog and Digital Communication	D Vijaya Lakshmi	Assistant Professor	D. Vijaya Lakshmi


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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

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 laglead compensation; State variable model and solution of state equation of LTI systems.

Network 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.

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.

Analog and Digital Communications:

Amplitude modulation and demodulation, angle modulation and demodulation, spectra of AM and FM, superheterodyne receivers.

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.

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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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Electronics and Communications Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	186K1A0401	ACHANTA KRISHNA LAKSHMI ANUSHA	III
2	186K1A0402	AINAVILLI KARTHIK	III
3	186K1A0403	AJAY MOYYETI	III
4	186K1A0404	AKULA SAILAKSHMI SOWJANYA	III
5	186K1A0405	ANEES YASMEEN	III
6	186K1A0406	BATCHALA VYUHITHA	III
7	186K1A0407	BALABHADRUNI SUDHAVARSHINI	III
8	186K1A0408	BATHULA AYYAPPA SWAMY	III
9	186K1A0409	BATHULA SAI KALYANI	III
10	186K1A0410	BURADAKAVI AISHWARYA	III
11	186K1A0411	BHIMUNI V V B GANGADHARA SATYANARAYANA	III
12	186K1A0412	CHATRAGADDA PRISCILLA ANGILN	III
13	186K1A0413	CHELLE KAVYA SREE	III
14	186K1A0414	DOWRLA SARAH	III
15	186K1A0415	GANDEPALLI SAI POOJITHA	III
16	186K1A0416	GAVIREDDY TEJA	III
17	186K1A0417	GOLLAPALLI SNEHA	III
18	186K1A0418	GOLLAPALLI V V S N HIMAJA	III
19	186K1A0419	GUNTAMUKKALA MOUNIKA	III
20	186K1A0420	GURUGUBELLI MOUNIKA	III
21	186K1A0421	KADA JOSHNA GODA JAHNAVI	III
22	186K1A0422	KANDALA SRI SAI SWETHA	III
23	186K1A0423	KAPAVARAPU LAKSHMI NAGA SOWMYA	III
24	186K1A0424	KODURI MAHA LAKSHMI	III
25	186K1A0425	KOPPIREDDI VENKATESWARA RAO	III
26	186K1A0426	KOSURI MANOJ KUMAR	III
27	186K1A0428	KURRE SUMANTH	III
28	186K1A0429	MADIREDDY SATYANARAYANAMMA	III
29	186K1A0430	MALLIMPUDI VINAYASRI	III
30	186K1A0431	MOHAMMAD ABDUL AZEEM	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	186K1A0432	MUDUGU PUSHPA KUMARI	III
32	186K1A0433	MUNUKUTLA V V D S SRI RAM	III
33	186K1A0434	N T PRIYANKA NALAMATI	III
34	186K1A0435	NEELAM GOWRI	III
35	186K1A0436	NEKKALA VINAY	III
36	186K1A0437	PAMPANA KARTHEEK	III
37	186K1A0438	PAVAN VARSHITH MANEPALLI	III
38	186K1A0439	PESALA TULASI LAKSHMANA KUMAR	III
39	186K1A0440	PILLI NAGA ANUSHA	III
40	186K1A0441	PINAPOTHU SEKHAR	III
41	186K1A0442	PITANI INDUVATHI	III
42	186K1A0443	PONNAGANTI AKHILA	III
43	186K1A0444	POTNURI CHAITANYA SAI VIKAS	III
44	186K1A0445	PYLA KAVYA	III
45	186K1A0446	RAPARTHI SRI KRISHNA SRUTHI	III
46	186K1A0447	RASAMSETTI KARTHIK RAJA	III
47	186K1A0448	RAYUDU BHAGYA SRI	III
48	186K1A0449	RAYUDU DEVIKA	III
49	186K1A0450	REPAKA JOSHNA RATNAM	III
50	186K1A0451	SAMANTHAKURTHI SURYA LAKSHMI PRASANNA	III
51	186K1A0452	SINGULURI SAI SURYA ROOPA LAKSHMI	III
52	186K1A0453	SURUBHOTLA HARSHAVARDHAN	III
53	186K1A0454	TAIRA VIDYA NAVABAKTULA	III
54	186K1A0455	TULASI SATYA SAI	III
55	186K1A0456	VEDURUPAKA ARUNA SRI	III
56	186K1A0458	VIDYA PENNADA	III
57	186K1A0459	YANAMADALA NAVYA DEEPIKA	III
58	196K5A0401	ANUPOJU DURGA SANTHOSH	III
59	196K5A0402	KARAGAPATI KUSUMA	III
60	196K5A0403	KORUKONDA LAKSHMI PRASANNA	III


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IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 22.01.2022

Report

Name of the Event: Coaching for Competitive Exams

Date: 15.11.2021 to 08.01.2022

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the **Electronics and Communication Engineering** department has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 60

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Control Systems	D Madhu	Assistant Professor
2	Network Analysis	M Jagadesh	Assistant Professor
3	Digital Communications	B V Kalyan Ram	Assistant Professor
4	Carrier Transport	Ch Venkata Prakash	Assistant Professor
5	Analog and Digital Communication	D Vijaya Lakshmi	Assistant Professor

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IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated To JNTUK, Kakinada)

Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

CIRCULAR

All the III-I semester Computer Science students are hereby inform that, our Computer Science Engineering department planning to conduct special classes for GATE & Other competitive examinations. So in this connection all the students are required to utilise this opportunity and attend classes regularly without fail. Timings for the above classes will be 4pm-6pm every day from 15.11.21 onwards.

PRINCIPAL

- Cc to
1. Principal office
 2. Computer Science Engineering HOD
 3. Notice board
 4. Class Teacher



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

Faculties Allotted for A.Y 2020-21

S.No	Subject	Faculty Name	Designation	Signature
1	Computer Networks	M S R S Prasad	Assistant Professor	
2	Operating Systems	M Jayasree	Assistant Professor	
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor	
4	Design and Analysis of Algorithms	R S V V Prasada Rao	Assistant Professor	
5	Database Management System	S Jyothirmayee	Assistant Professor	

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 08.11.21

The list of topics that will be covered in GATE coaching for III year B.Tech students are as follows:

Computer Networks:

OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuitswitching; 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.

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.

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

Design and Analysis of 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

Database Management Systems:

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.

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Vidyut Nagar, Kakinada-533003 (A.P.)

The list of III B.Tech Computer Science Engineering students who participated in GATE classes:

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
1	186K1A0501	ADAPA HAMSIKA	III
2	186K1A0502	ADAPA SAIDURGA	III
3	186K1A0503	ADDEPALLI SIVA JYOTHI	III
4	186K1A0504	BATHINA NAGESWARA NIRDESH	III
5	186K1A0505	BATTU NITISH KUMAR	III
6	186K1A0506	BOKKA SRAVANI	III
7	186K1A0507	BONDADA LAKSHMI SRAVYA	III
8	186K1A0508	BONDADA RAMA SOWMYA	III
9	186K1A0509	CHANDALA REVATHI	III
10	186K1A0510	CHEKURI SRI SANTOSHI	III
11	186K1A0511	CHODIPALLI DINESH BABU	III
12	186K1A0512	CHODISETTY AKSHAY	III
13	186K1A0513	DEYYALA MADHU	III
14	186K1A0514	DHANALA DHANALAKSHMI	III
15	186K1A0515	DULAM ANIL KUMAR	III
16	186K1A0516	EDIDA CH N S M S V SURYA TEJA	III
17	186K1A0517	GARAGA SATYA MOUNICA	III
18	186K1A0518	GARIMELLA SATYA SRINIVAS	III
19	186K1A0519	GUBBALA RAMYA	III
20	186K1A0520	KALADI SHEEBA	III
21	186K1A0521	KATAKAM DINESH KUMAR	III
22	186K1A0522	KATTA SWETHA	III
23	186K1A0523	KONDAPU RAJYA LAKSHMI	III
24	186K1A0524	KONDRU SIVA PARVATHI	III
25	186K1A0525	KUSU ROHITHARAM	III
26	186K1A0526	MAGAPU HARI HARA KUMAR	III
27	186K1A0527	MAGAPU KEERTHANA	III
28	186K1A0528	MAGAPU SRI VAMSI	III
29	186K1A0529	MALLADI NAGA SRI DEVI	III
30	186K1A0530	MANDAPALLI ROSI	III



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Vidyut Nagar, Kakinada-533003 (A.P.)

S.NO	ROLL NUMBER	NAME OF THE STUDENT	YEAR
31	186K1A0531	MANTHAPUDI SRIKAMESWARI	III
32	186K1A0532	MYLAPALLI SUMANTH	III
33	186K1A0533	NADIMPALLI SAI NIKITHA	III
34	186K1A0534	NAGABATHULA POORNA PRAVEEN	III
35	186K1A0535	NAKKA RISHITA	III
36	186K1A0536	NAMMI SIVA KIRAN	III
37	186K1A0537	NARUKURTHI SWETHA	III
38	186K1A0538	NUNNA SURYA PRABHA	III
39	186K1A0539	PADALA VISHNU SINDHU	III
40	186K1A0540	PALIVELA VENKATA LOHITH	III
41	186K1A0541	PATTEM ALEKYA	III
42	186K1A0542	PENDYALA RAMYA PADMINI	III
43	186K1A0543	PENKE SAI LAKSHMI	III
44	186K1A0544	PUVVULA SAICHANDRA KEERTHANA	III
45	186K1A0545	REVURI SAI SUDHESHNA	III
46	186K1A0546	SALADI JAGADEESH PRANEETH	III
47	186K1A0547	SALADI NAVYATHA	III
48	186K1A0548	SARILLA PRASANNA	III
49	186K1A0549	SATHI INDRANI	III
50	186K1A0550	SATHI VENKATA SAI KUMAR REDDY	III
51	186K1A0551	SHAIK SOFIA SAMREEN	III
52	186K1A0552	SINGAM BHANU	III
53	186K1A0553	TEKI SATYA SRAVYA	III
54	186K1A0554	THATAVARTHI BALANAGASAI SINDUJA	III
55	186K1A0555	ULLANKULA RAMALAKSHMI	III
56	186K1A0556	V D NAGA VENKATA SAI SANTOSH	III
57	186K1A0557	VANAPALLI TARUN VEERA VENKAT SIVA	III
58	186K1A0558	YASARAPU VIJAYA LAKSHMI	III
59	186K1A0559	YELLABOYINA ANUSHA	III
60	186K1A0560	VARSHAPRAVALLIKA VALAVALA	III


HOD



IDEAL INSTITUTE OF TECHNOLOGY

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Vidyut Nagar, Kakinada-533003 (A.P.)

Date: 22.01.2022

Report

Name of the Event: Coaching for Competitive Exams

Date: 15.11.2021 to 08.01.2022

The management of IDEAL Institute of Technology has conducted coaching classes for III B.Tech students for GATE and other competitive examinations. As per the directions given by the management the **Computer Science Engineering** department has planned to conduct coaching classes on the working days from 4 P.M to 6 P.M daily.

As per the revised schedule the outcome of the program focused on the fundamentals in various subjects and provided relevant information to score well. The students have expressed immense satisfaction with the coaching programme.

Number of Participants: 60

Details of Resource Person:

S.No	Subject	Faculty Name	Designation
1	Computer Networks	M S R S Prasad	Assistant Professor
2	Operating Systems	M Jayasree	Assistant Professor
3	Compiler Design	R V V Gani Lakshmi	Assistant Professor
4	Design and Analysis of Algorithms	R S V V Prasada Rao	Assistant Professor
5	Database Management System	S Jyothirmayee	Assistant Professor


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