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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrvjiet.ac.in, Website: www.vnrvjiet.ac.in



E – Content Created by Faculty

Department of Civil Engineering

Name of the teacher	Name of the module developed	Link to the Video
Mrs. Sangeetha S.	Height of instrument method introduction	https://youtu.be/jH6R6j5RBX8
	How to calculate RL using Height of instrument method-solved problem	https://youtu.be/Dnx6JiaxGYA
	Compass surveying - How does Fore Bearing and Back bearing differ by 180 ⁰ ?	https://youtu.be/N1hrVv6SKQI
	UNIT 5 valuation online session 1	https://youtu.be/YXLoXeUSx8A
	Long-wall short wall method - Numerical problem on a single room with Verandah-	https://youtu.be/FoVTszj4WSY
	How to calculate velocity of anvil - Impact type machine foundation	https://www.youtube.com/watch?v=kiKf-kdSnmE
	What is Central line method in estimation - How to calculate quantity	https://youtu.be/NfIT-HVGe4A
	What is floating foundation-Facts on Foundation Engineering	https://youtu.be/gn4x1EHiKQc
	How to conduct SPT - Standard Penetration Test - Soil Exploration Technique-Site Investigation	https://youtu.be/DjWDOqQisyQ



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How to use stylus - Graphic Pen Tablet XP-Pen Product Review - Starter's Review	https://youtu.be/1mBe0sVIUD0
Curvature and Refraction correction in Levelling - Animated Explanation	https://youtu.be/daPyLdWsv2E
How to add students to Microsoft Teams using Roll Numbers	https://youtu.be/THVngSmQZZ0
GATE 2021 Geotechnical Engineering Classes - AICTE Prerana Scheme, Lecture 1 - Part 1	https://youtu.be/9HmzUv-nYCU
GATE 2021 Geotechnical Engineering Classes - AICTE Prerana Scheme - Lecture 1 - Part 2	https://youtu.be/3DNsPfl-cyY
Compaction Of Soils - GATE 2021 GTE CLASSES - AICTE Prerana Scheme - Lecture 4 - Part 1	https://youtu.be/1FcxPCmHf2A
Permeability - GATE 2021 GTE CLASSES - AICTE Prerana Scheme - Lecture 2 - Part 2	https://youtu.be/94NkLIZbV1Y
Unified and IS Soil Classification GATE 2021 GTE Classes -AICTE Prerana Scheme - Lecture 2 - Part 1	https://youtu.be/2kaxPnFqpVE
Field Test on Permeability and Flow through stratified soil - AICTE Prerana Scheme - Lecture 3	https://youtu.be/TjYI2D-FzBU



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Consolidation Of Soil - GATE 2021 GTE CLASSES - AICTE Prerana Scheme - Lecture 4 - Part 2	https://youtu.be/3Z6cl6Xoo48
GATE Solved Problems- Effective Stress Intro GATE GTE Classes - AICTE Prerana Scheme	https://youtu.be/6h9f3115TMk
Effective Stress - GATE AICTE Prerana Scheme Class - GATE Classes	https://youtu.be/tdov7n1pXZA
Stress Path And Vertical Stress- GATE 2021 GTE Classes – AICTE, Prerana Scheme - LEC 8	https://youtu.be/QfepZVNCs18
Shear Strength of Soils- Gate 2021 GTE Classes - AICTE Prerana Scheme - Lec 7 Part 2	https://youtu.be/KvBIxQqXMsI
Shear Strength of Soils- GATE 2021 GTE Classes - AICTE Prerana Scheme - Lec 7 PART 1	https://youtu.be/1vh7Ojxggyc
How to calculate RL using Rise and Fall method and Example Problem	https://youtu.be/MXJhOLLUdII
Gate 2019 - Solved Problems - Geotechnical Engineering	https://youtu.be/O5R5a6Ivs0w
Daily Absentees list from Microsoft team in Less than 2 minutes	https://youtu.be/NGAt86f2yaM
Gate 2019 - Solved Problems Geotechnical Engineering -Part 2	https://youtu.be/VKKC9WfzH28
Solved Numerical Problems on Triaxial Test - Shear strength Chapter Problems	https://youtu.be/voIPMKRrH7c



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	Rankine's Active Earth pressure theory	https://youtu.be/w_j3-mBM2AI
	Classification of soils	https://youtu.be/q89StR5qjwc
	Solved numerical problems on Earth pressure theory	https://youtu.be/QEm8P6QBoWM
	Soil -Three phase system	https://youtu.be/pshoHLA2amo
	How to calculate unit weight of soil and Basic relationships	https://youtu.be/YAOGzV908TU
	What is discharge velocity and seepage velocity?	https://youtu.be/LDVzTGuCHI0
	How to calculate permeability?	https://youtu.be/-67IN4RKi5c
	Problems on stratified soil and field test	https://youtu.be/ML2BngSKE-k
Mrs. Sangeetha S.	Geosynthetics test -Percent Opening size test -How to measure opening size of geosynthetics	https://youtu.be/QNChvGOuQD0
	Test on Geosynthetics Apparent opening size test ASTM Procedure	https://www.youtube.com/watch?v=oh-jGQn1bs0
	How to measure thickness of geosynthetics? ASTM D1777	https://www.youtube.com/watch?v=MeI615GVJMM&t=12s
Mr. T. Naga Teja	AICTE - PRERANA - GATE - Transportation Engineering - Part 1	https://youtu.be/G-6HtGUqzZ0
	AICTE - PRERANA - GATE - Transportation Engineering - Part 3 - Sight Distances - SSD - OSD -ISD	https://youtu.be/MweOVRNa8Zg
	AICTE - PRERANA - GATE - Transportation Engineering - Part 4 - Horizontal Curves - Super elevation	https://youtu.be/TToQx3ye11o



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	AICTE - PRERANA - GATE - Transportation Engineering - Part 2 - Highway Cross sectional Elements	https://youtu.be/Sf9kp3ADnRI
	AICTE - PRERANA - GATE - Transportation Engineering - Part 5 - Setback distance - Vertical Curves	https://youtu.be/H2-R6YvGzCU
	AICTE - PRERANA - GATE - Transportation Engineering - Part 6 - Pavement Materials – Tests	https://youtu.be/E4yWGEbas8I
	AICTE - PRERANA - GATE - Transportation Engineering - Part 7 - Marshall Stability Test	https://youtu.be/b6jZ9tYCGF4
	AICTE - PRERANA - GATE - Transportation Engineering - Part 8 - Flexible pavement design - IRC-37	https://youtu.be/4eZYh9_2s7o
	AICTE - PRERANA - GATE - Transportation Engineering - Part 9 - Rigid Pavement Design - IRC -58	https://youtu.be/qRbWUDTyL8w
	AICTE - PRERANA - GATE - Transportation Engineering - Part 10 - Basics of Traffic Engineering	https://youtu.be/Cozh-QsROyA
	AICTE - PRERANA - GATE - Transportation Engineering - Part 11 - Speed studies - Green Shields model	https://youtu.be/PSJqWJwd4rE
Mr. JYV Shiva Bhushan	MOODLE Introductory course on SOIL MECHANICS	https://youtu.be/M38PZTbUhjM



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	Soil Mechanics Course INTRODUCTION	https://youtu.be/-D2Y7LQxLF4
Dr. B Murali Krishna	Tall Building Design - Project Assignment for Skyfi Labs Online Course	https://youtu.be/b1VWUHqXeIM
	Seismic Design - Project assignment for Skyfi Labs online course	https://youtu.be/w_K5TGZp-kU
	Foundation Design - Project assignment for Skyfi Labs online course	https://youtu.be/gZav1L1-d0A
	Introduction to Building Materials, Construction & Planning	https://youtu.be/8QjsX-RGIYw
Mrs. V. Ramya Krishna	Introduction to Geology	https://youtu.be/UzXK7yMTS_E