



SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Bengaluru - 562 157

Department of Civil Engineering

Subject : Elements of Civil Engineering & Engg Mechanics (18CIV14/24)

Semester : I / II

SI No	Notes	YouTube Link
1	Elements of civil Engineering (18CIV14/24)	https://drive.google.com/drive/u/2/folders/1tUrkObu6VsCQlqAR0raHmffKnP2pcgC2
2	Friction chapter (18CIV24)	https://www.youtube.com/playlist?list=PLxTKIR49WBrcfM4SFBrmv7QOlqFjTIsP
3	Elements of Civil Engineering (18CIV14/24)	http://nptel.vtu.ac.in/econtent/courses/BS/CIV1323/index.php

Subject : Analysis of Determinate Structures (18CV42)

Semester: IV

SI No	Experiment	Links of lab
1	Videos	https://drive.google.com/open?id=1Xry_YtL-Fg5Xxm2el7KtC8mx2-K5ULIe
2	Notes	https://drive.google.com/open?id=1a-20DNIItNEelSwyBEmPymb8frIZbwFdG
3	Nptel/VTU E-Learning	http://nptel.vtu.ac.in/econtent/courses/CV/18CV42/

Subject : Applied Hydraulics (18CV43)

Semester: IV

SI No	Notes	YouTube Link
1	Applied Hydraulics(18CV43)	https://drive.google.com/drive/u/2/folders/1M1nA2yTScKVQYu11XaZ5Jg0nNfZxmFJ3
2	Previous year question paper (18CV43)	https://drive.google.com/drive/u/2/folders/1KNRDI NHR0EaDa8KX8BuXvTF2Q_5hWtVr



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Subject : CONCRETE TECHNOLOGY (18CV44)

Semester: IV

SI No	Subject folder name	Google Drive Link
1	18CV44 (FOLDER LINK)	https://drive.google.com/drive/folders/1PI8KRZznbFALgoTIN5yRKIPUdPK3n7qB

Subject : ADVANCED SURVEYING (18CV45)

Semester : IV

SI No	Subject folder name	Google Drive Link
1	Notes	https://drive.google.com/drive/folders/1HGXCyEFhA80H1UoqprKlzT167tEapGG9?usp=sharing
2	Video lectures	https://drive.google.com/drive/folders/13Iu05-8zL76gGVh9nvm7yN_4Eb274KWu?usp=sharing

Subject: Water Supply and Treatment Engineering (18CV46)

Semester: IV

SI No	Title	Google Drive Link
1	Notes - VDR	https://drive.google.com/open?id=1FwwtGMXuEHVByUIKOFgtn4YsN6H5YNv
2	Notes - Online	https://drive.google.com/open?id=1z-ASatEHJJG1BxQG6ggrWFtAQGV8Phax



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Subject: (15/17CV61) Construction Management and Entrepreneurship

Semester: VI

SI No	Content	Links
1	Videos	https://drive.google.com/drive/u/1/folders/1IIQP1XRgkNKnVZz2AhARvysQZqzTI469
2	Notes	https://drive.google.com/drive/u/1/folders/1Iplp8q7HFqbth9IAneRxAuu-1VoSUU1h

Subject: Design of Steel Structures (15/17CV62)

Semester: VI

SI No	Chapters	YouTube Link
1	Design of column base	https://www.youtube.com/watch?v=bOo2Y2H0nLM
2	Module 4 Additional problems explanation	https://www.youtube.com/watch?v=OhEKAzX-oVo
3	Numerical Analysis problems on tension members	https://www.youtube.com/watch?v=URE3P-gaxNE
4	Module 4 Tension members	https://www.youtube.com/watch?v=TbrpZN1s1SU
5	Design of Lug angle	https://youtu.be/wkrf-XWZvG0?list=UU2Gm7wadrkuLsP-hALhlzKQ
6	Design of Lug angle	https://www.youtube.com/watch?v=wkrf-XWZvG0&t=53s
7	Problems on bolted connections	https://www.youtube.com/watch?v=Q0brQYJIZJw&feature=youtu.be
8	Module 4 Theory explanation	https://www.youtube.com/watch?v=LEbIJtMXf_Q&feature=youtu.be
9	Module 2 Design problems explanation	https://www.youtube.com/watch?v=_PA6Ly13btY&feature=youtu.be
10	Module 5 Design of Beams	https://youtu.be/TzOn7ponAKY



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11	Module 5 Design of Beams conti..., Beam Connections	http://www.youtube.com/watch?v=OT63pxu6fHg
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Subject: HIGHWAY ENGINEERING (15/17CV63)

Semester: VI

Sl No	Topics	YouTube Link
1	Transportation Engineering	https://www.youtube.com/watch?v=5zKC_aq4ypM&list=PLE88643285BC70E0F
2	Highway Alignment	https://www.youtube.com/watch?v=GuElcdfymu0
3	Scope for Highway Engineers in Civil Engineering Profession – 1	https://www.youtube.com/watch?v=om9QFtDhJ6o
4	Scope for Highway Engineers in Civil Engineering Profession – 2	https://www.youtube.com/watch?v=BI-dKyVG654
5	pavement materials 1	https://www.youtube.com/watch?v=3oNa9Z94Hiw&t=1s
6	pavement materials 2	https://www.youtube.com/watch?v=_C4A6030w08
7	pavement materials 3	https://www.youtube.com/watch?v=WRK3DIElhco
8	pavement materials 4	https://www.youtube.com/watch?v=Y8kNjFbgV-I
9	CALIFORNIA BEARING RATIO (CBR) VALUE TEST	https://www.youtube.com/watch?v=fCmMW73rP64
10	Cross Section Elements	https://www.youtube.com/watch?v=936Rv57vzQ8
11	Horizontal curve & SE	https://www.youtube.com/watch?v=Edl-EiIsf_8



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Subject: Water Supply and Treatment Engineering (15/17CV64)

Semester: VI

Sl No	Title	Google Drive Link
1	Notes - VDR	https://drive.google.com/open?id=1FwwtGMXuEHVByUIKOFgtn4YsN6H5YNv
2	Notes - Online	https://drive.google.com/open?id=1z-ASatEHJJG1BxQG6ggrWFtAQGV8Phax

Sub: Alternative Building Materials (15/17CV653)

Semester: VI

Sl No	Chapters	YouTube Link
1	Videos	https://drive.google.com/open?id=1ivuXm7NgYRrIEGneB5NUY-fqPiaR0m4e
2	Notes	https://drive.google.com/open?id=16kdIqy2dxtwVmgNpV39XMXCkotUSmWPZ
3	Power Point Presentation	https://drive.google.com/open?id=1gceti5fMRApnCAvej6un4bZUG_WMHCvZ

Sub :WATER RESOURCES MANAGEMENT (15/17CV661)

Semester: VI

Sl No	Chapters	YouTube Link
1	Notes	https://drive.google.com/drive/u/2/folders/1OuPvHv6qB1IgL4zDUbGFyq6tMTT9OSjz
2	Ppt	https://drive.google.com/drive/u/2/folders/14rOl4huD9Pf9jrZs_c6_Bw0GqDbxJiu4

Subject: Quantity Surveying and Estimation (15CV81)

Semester: VIII

Sl No	Chapters	YouTube Link
1	Module 2 problems on septic tank, soak pit and Rectangular Manhole	https://www.youtube.com/watch?v=JAP7dJ4YjhE



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Subject: DESIGN OF PRESTRESSED CONCRETE STRUCTURES(15CV82)

Semester: VIII Sem

SI No	Subject folder name	Google drive Link
1	15CV82(FOLDER LINK)	https://drive.google.com/open?id=1wDUQ-dJ2wfn-1AUbOjHdqayWNcYunwU4

Subject: Pavement Design (15CV833)

Semester: VIII

SI No	Topics	YouTube Link
1	Design of flexible pavements	https://www.youtube.com/watch?v=IfyzUUgRrAc
2	Principles of Pavement Design	https://www.youtube.com/watch?v=exctAga2KXY&t=2299s
3	Flexible Pavement Design Indian Roads Congress	https://www.youtube.com/watch?v=uJntLOgEHD4
4	Concrete Pavement Design Indian Congress Method	https://www.youtube.com/watch?v=GxXONAINMBE&t=16s
5	Concrete Pavement Design PCA and AASHTO Methods	https://www.youtube.com/watch?v=CX-qs752-x4
6	Analysis of Flexible Pavements	https://www.youtube.com/watch?v=a-2XUcbdJiw&t=182s
7	Overlay Design - IRC Method	https://www.youtube.com/watch?v=25HZmhhO_FQ&t=33s
8	Flexible Pavement Design AASHTO Method - 1993	https://www.youtube.com/watch?v=Gz_vc0DL5lg
9	Pavement Evaluation and Rehabilitation	https://www.youtube.com/watch?v=IDv67Eppaos