

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)

Video Link

Class / Semester: III year / VI Semester B.E. – Civil Engineering ‘A’ & ‘B’ Section

Name of Subject: Design of Reinforced concrete and Brick Masonry Structures

Name of Faculty member: Ms.M.Praveena

Sl.No	Description	Video link
1	Retaining Walls	https://nptel.ac.in/courses/105105039/23
2	Water tanks	https://nptel.ac.in/courses/101104065/28
3	Staircases	https://nptel.ac.in/courses/105105105/26
4	Yield line theory	https://www.youtube.com/watch?v=GI86dZszNDE
5	Brick Masonry	https://nptel.ac.in/courses/105102088/28

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Name of Subject: Strutral Analysis II

Name of Faculty member: Mr.N.Vigneshwaran

Sl.No	Description	Video link
1	maxwell - betti law of reciprocal deflections	https://www.youtube.com/watch?v=jOSxiqvK2rE
2	direct stiffness method	https://www.youtube.com/watch?v=Wa9ZSWlRpnk&list=PLbRMhDVUMngeZatm4MIOKG4sHxXuB_yri
3	shape functions	https://www.youtube.com/watch?v=pCSpBYfbYYA
4	introduction to plasticity	https://www.youtube.com/watch?v=LWM9NxOwbA8
5	space and cable structures	https://www.youtube.com/watch?v=ij2HBL3d7bM

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Name of Subject: Design of Steel Structures

Name of Faculty member: Mr.R.Kartheeswaran

Sl.No	Description	Video link
1	Introduction to Steel production	https://www.youtube.com/watch?v=CnoVCGx01Tk&list=PL9A090CB69EA83224
2	Tallest steel building	https://www.youtube.com/watch?v=mGTrbLqD_S0
3	Cold Formed Steel Structures	https://www.youtube.com/watch?v=CNE4hk_SGTo&list=PLry0oTiKPxdWSdla5MeAGae69h6KMK1a3
4	Light Gauge Steel Structures	https://www.youtube.com/watch?v=Q5RBepUtT2Q
5	Advancements In Steel Construction	https://www.youtube.com/watch?v=mtRR-5fzKo8&list=PLB9C067175F5014A8

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Name of Subject: Railways, Airports & Harbour Engineering

Name of Faculty member: Mr.B.Yugesh Kumar

Sl.No	Description	Video link
1	Introduction to railway engineering	https://www.youtube.com/watch?v=37WMS483T7Y&t=1919s
2	Railway Construction and maintenance	https://www.youtube.com/watch?v=SR35f0p47Ww
3	Airport Planning	https://www.youtube.com/watch?v=WUq3uN4MDms&t=1s
4	Airport design wind rose diagram	https://www.youtube.com/watch?v=M72YQyeCW_I&list=PLSNhedsleX108tWYjen0AHfyPL4aq1yfG
5	Harbour Engineering	https://www.youtube.com/watch?v=3YY9FUVtG-4&list=PLbMVogVj5nJQVhj_88PBCh-cE8c-SRADX

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Assignment Questions

Class / Semester: III year / VI semester B.E., Civil Engineering

Name of Subject: Environmental Engineering II

Name of Faculty member: V.Sudha.

S.No	Description	Details of link
1.	Planning of sewer	https://nptel.ac.in/courses/105105178/8
2	Sewer design	https://nptel.ac.in/courses/105105178/14
3	Characteristics of sewage	https://nptel.ac.in/courses/105105178/14
4	Treatment of sewage	https://nptel.ac.in/courses/105105178/22
5	MBBR method for treatment	https://nptel.ac.in/courses/105105178/51

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Name of Subject: Concrete Technology

Name of Faculty member: Mr.K.Rajkumar/Ms.M.Aarthi

Sl.No	Description	Video link
1	Production and Composition	https://www.youtube.com/watch?v=cx5gPKp9QEc&list=PLbMVogVj5nJQU7M0LdA77p_XaaWBJniNc
2	Admixtures of concrete	https://www.youtube.com/watch?v=2H8WOrQtews
3	Durability of concrete	https://www.youtube.com/watch?v=2Q7-o0HZTOE
4	Advancement in concrete technology	https://www.youtube.com/watch?v=SdWh05agJtg
5	Building materials and construction	https://www.youtube.com/watch?v=EIDXE28_8eQ&list=PL8BA090E69BF01BC2