



TGPCET/Civil



## Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 106

NAAC Accredited (A+Grade)



Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur University, Nagpur

### Video Lectures Details - Civil Engineering Department

Session 2020-21

#### List of Video Lectures (Even sem)

Civil Engg. Department Channel Link <https://rb.gy/igb8qm>

Sr. No	Sem	Subject	Lecture	Name of faculty	Topic	Link
1	8th sem	Construction Economics & Finance	1	Mr. Amey R. Khedikar	Introduction to subject syllabus Scheme and Discussion on Construction Economics & Construction Industry	<a href="https://youtu.be/nY3RnVYWomE">https://youtu.be/nY3RnVYWomE</a>
2	8th sem		2	Mr. Amey R. Khedikar	Time value of Money & Discounted Cash Flow	<a href="https://youtu.be/pUyY6xa7Rgc">https://youtu.be/pUyY6xa7Rgc</a>
3	8th sem		3	Mr. Amey R. Khedikar	Factors of Production	<a href="https://youtu.be/uV3Nwa-E3Js">https://youtu.be/uV3Nwa-E3Js</a>
4	8th sem		4	Mr. Amey R. Khedikar	Turn Key Projects	<a href="https://youtu.be/jgh2qhgFmxk">https://youtu.be/jgh2qhgFmxk</a>
5	8th sem		5	Mr. Amey R. Khedikar	Type of Market Structure in Construction Industry	<a href="https://youtu.be/k9wz9oAJeY">https://youtu.be/k9wz9oAJeY</a>
6	8th sem		6	Mr. Amey R. Khedikar	All About "Recession", Causes & effects	<a href="https://youtu.be/wD2MOKHqJg">https://youtu.be/wD2MOKHqJg</a>
7	8th sem		7	Mr. Amey R. Khedikar	Knowing Inflation, Deflation, Stagflation, Re-inflation and Disinflation	<a href="https://youtu.be/rphwglYOKZg">https://youtu.be/rphwglYOKZg</a>
8	8th sem		8	Mr. Amey R. Khedikar	Sources of "Finance"	<a href="https://youtu.be/aG6Rq1Zlrr4">https://youtu.be/aG6Rq1Zlrr4</a>
9	8th sem		9	Mr. Amey R. Khedikar	Affordable Housing Scheme by GOI (PMAY)	<a href="https://youtu.be/yYh33BvVog">https://youtu.be/yYh33BvVog</a>
10	8th sem		10	Mr. Amey R. Khedikar	Types of Foreign Direct Investment in Infrastructure development of India	<a href="https://youtu.be/kvP8LWoiNA">https://youtu.be/kvP8LWoiNA</a>
11	8th sem		11	Mr. Amey R. Khedikar	Income Statement & Balance Sheet In Construction Industry	<a href="https://youtu.be/SS65h9YC9pw">https://youtu.be/SS65h9YC9pw</a>
12	8th sem		12	Mr. Amey R. Khedikar	Financial ratio Analysis	<a href="https://youtu.be/EFl_CJe5IsU">https://youtu.be/EFl_CJe5IsU</a>
13	8th sem		13	Mr. Amey R. Khedikar	Capital Structure	<a href="https://youtu.be/qUsQ3ecUHBw">https://youtu.be/qUsQ3ecUHBw</a>
14	8th sem		14	Mr. Amey R. Khedikar	Working Capital & Factor Affecting	<a href="https://youtu.be/0Xae6DqIKnc">https://youtu.be/0Xae6DqIKnc</a>
15	8th sem	Pavement Analysis & Design	1	Ms. Aarti Karnuke	Flexible & Rigid Pavements	<a href="https://youtu.be/ON6n_3OOz9I">https://youtu.be/ON6n_3OOz9I</a>
16	8th sem		2	Ms. Aarti Karnuke	Equivalent Single Wheel Load Assembly	<a href="https://youtu.be/DjVm28i6uo0">https://youtu.be/DjVm28i6uo0</a>
17	8th sem		3	Ms. Aarti Karnuke	Materials and Method Part 1	<a href="https://youtu.be/AoAswlDgrgs">https://youtu.be/AoAswlDgrgs</a>
18	8th sem		4	Ms. Aarti Karnuke	Materials and Method Part 2	<a href="https://youtu.be/10bp3jVEKts">https://youtu.be/10bp3jVEKts</a>
19	8th sem		5	Ms. Aarti Karnuke	Burmister Method and Triaxial Test	<a href="https://youtu.be/rHVAzcxYUdM">https://youtu.be/rHVAzcxYUdM</a>
20	8th sem		6	Ms. Aarti Karnuke	Numerical on Group Index and Cone Bearing Value	<a href="https://youtu.be/dJPP6B2HPmQ">https://youtu.be/dJPP6B2HPmQ</a>
21	8th sem	7	Ms. Aarti Karnuke	Numerical on Benkelman Beam Deflection Test	<a href="https://youtu.be/abw6q9eLiVM">https://youtu.be/abw6q9eLiVM</a>	
22	8th sem	Irrigation Engineering	1	Mr. Milind Khamgaonkar	Introduction - Irrigation Engineering	<a href="https://youtu.be/3x5pPXqzme">https://youtu.be/3x5pPXqzme</a>
23	8th sem		2	Mr. Milind Khamgaonkar	Importance, Necessity, Benefits & ill Effects of Irrigation Engineering	<a href="https://youtu.be/_jb9009H8ZA">https://youtu.be/_jb9009H8ZA</a>
24	8th sem		3	Mr. Milind Khamgaonkar	Various Types, Diversion, Storage, Perennial & Inundation Irrigation	<a href="https://youtu.be/RcfMd-Pt5u8">https://youtu.be/RcfMd-Pt5u8</a>
25	8th sem		4	Mr. Milind Khamgaonkar	Sprinkler, Drip & other various Surface Irrigation Methods	<a href="https://youtu.be/0iXEkcN0edA">https://youtu.be/0iXEkcN0edA</a>
26	8th sem		5	Mr. Milind Khamgaonkar	Available water in Soil for Crops	<a href="https://youtu.be/ecD2RQ3rFY0">https://youtu.be/ecD2RQ3rFY0</a>
27	8th sem		6	Mr. Milind Khamgaonkar	Reconning Soil water constants, frequency of Irrigation	<a href="https://youtu.be/ffUaCotPVXk">https://youtu.be/ffUaCotPVXk</a>
28	8th sem		7	Mr. Milind Khamgaonkar	Soil Water Constants, importance from Crop Water Requirements	<a href="https://youtu.be/dmfkvdzilXw">https://youtu.be/dmfkvdzilXw</a>
29	8th sem		8	Mr. Milind Khamgaonkar	Water & Soil Suitability, Water Availability for Irrigation	<a href="https://youtu.be/zNXNhOQ3NU8">https://youtu.be/zNXNhOQ3NU8</a>
30	8th sem		9	Mr. Milind Khamgaonkar	Understanding Duty & Delta for Irrigation	<a href="https://youtu.be/kLmK9bln4Ds">https://youtu.be/kLmK9bln4Ds</a>
31	8th sem		10	Mr. Milind Khamgaonkar	Duty Delta Relation, KOR & other such More terms	<a href="https://youtu.be/xLi9Yx4OR9E">https://youtu.be/xLi9Yx4OR9E</a>
32	8th sem		11	Mr. Milind Khamgaonkar	Consumptive use, Crop Rotation & Irrigation Water Assessment	<a href="https://youtu.be/Ee12FB_bOsc">https://youtu.be/Ee12FB_bOsc</a>
33	8th sem		12	Mr. Milind Khamgaonkar	Numericals on Duty Delta	<a href="https://youtu.be/zadUh5JapqY">https://youtu.be/zadUh5JapqY</a>
34	8th sem		13	Mr. Milind Khamgaonkar	Reservoir Planning	<a href="https://youtu.be/mte45lmyf7w">https://youtu.be/mte45lmyf7w</a>
35	8th sem		14	Mr. Milind Khamgaonkar	Classification of Dams	<a href="https://youtu.be/6iuC_dIU35M">https://youtu.be/6iuC_dIU35M</a>
36	8th sem		15	Mr. Milind Khamgaonkar	Selection of Site & Type of Dam	<a href="https://youtu.be/N4T1XLCrMYU">https://youtu.be/N4T1XLCrMYU</a>
37	8th sem		16	Mr. Milind Khamgaonkar	Various Investigations_Surveys for Dam, Its Important Levels	<a href="https://youtu.be/16sSu-4HS-l">https://youtu.be/16sSu-4HS-l</a>
38	8th sem		17	Mr. Milind Khamgaonkar	Reservoir zones, Capacity by Mass Curve	<a href="https://youtu.be/y7C6yTSeKiU">https://youtu.be/y7C6yTSeKiU</a>
39	8th sem	18	Mr. Milind Khamgaonkar	Sedimentation, Life of Reservoir	<a href="https://youtu.be/Hrvwz47pKOE">https://youtu.be/Hrvwz47pKOE</a>	

40	8th sem	Irrigation Engineering	19	Mr. Milind Khamgaonkar	Earthen Dam,Types, Components & Foundations	<a href="https://youtu.be/H0J5PDEwRQU">https://youtu.be/H0J5PDEwRQU</a>	
41	8th sem		20	Mr. Milind Khamgaonkar	Failure Causes of Earthen Dams, Phreatic Line	<a href="https://youtu.be/1EWgQ0pCZrY">https://youtu.be/1EWgQ0pCZrY</a>	
42	8th sem		21	Mr. Milind Khamgaonkar	BOD Numericals Sewage treatment flowchart	<a href="https://youtu.be/2zeo9Rp3VZk">https://youtu.be/2zeo9Rp3VZk</a>	
43	8th sem		22	Mr. Milind Khamgaonkar	Locating phreatic line of Earthen dam with horizontal filter	<a href="https://youtu.be/de5fZGk0r_U">https://youtu.be/de5fZGk0r_U</a>	
44	8th sem		23	Mr. Milind Khamgaonkar	Knowing EW testing Forces acting on Gravity Dam	<a href="https://youtu.be/HdHXyK53rPY">https://youtu.be/HdHXyK53rPY</a>	
45	8th sem		24	Mr. Milind Khamgaonkar	Exploring various forces acting on Gravity Dam	<a href="https://youtu.be/4uMR-ZjIONGO">https://youtu.be/4uMR-ZjIONGO</a>	
46	8th sem		25	Mr. Milind Khamgaonkar	Causes of failure & Stability Analysis of Gravity Dams	<a href="https://youtu.be/NSfADTN0GaE">https://youtu.be/NSfADTN0GaE</a>	
47	8th sem		26	Mr. Milind Khamgaonkar	Understanding Compression Failure & Galleries for Gravity Dam	<a href="https://youtu.be/ZRmngIJOSrk">https://youtu.be/ZRmngIJOSrk</a>	
48	8th sem		27	Mr. Milind Khamgaonkar	Elementary & Practical Profile, Limiting Heights for Gravity Dams	<a href="https://youtu.be/KxgaRWhTxTk">https://youtu.be/KxgaRWhTxTk</a>	
49	8th sem		28	Mr. Milind Khamgaonkar	Classifying Irrigation Canals	<a href="https://youtu.be/ma7-8sEOCU4">https://youtu.be/ma7-8sEOCU4</a>	
50	8th sem		29	Mr. Milind Khamgaonkar	Canal alignment Balancing depth	<a href="https://youtu.be/gpUSvuSHD9M">https://youtu.be/gpUSvuSHD9M</a>	
51	8th sem		30	Mr. Milind Khamgaonkar	Losses in Canals, Velocity Parameters of Alluvial Canal	<a href="https://youtu.be/t9dMIRbFqo">https://youtu.be/t9dMIRbFqo</a>	
52	8th sem		31	Mr. Milind Khamgaonkar	Lacy's Ragime Theory Numericals	<a href="https://youtu.be/gX504szn5_0">https://youtu.be/gX504szn5_0</a>	
53	8th sem		32	Mr. Milind Khamgaonkar	Design of Lined Canal Numeicals	<a href="https://youtu.be/Hl6JxSQNueA">https://youtu.be/Hl6JxSQNueA</a>	
54	8th sem		33	Mr. Milind Khamgaonkar	Aluvial canal design Kennedy s Theory	<a href="https://youtu.be/xODVs_1PUag">https://youtu.be/xODVs_1PUag</a>	
55	8th sem		34	Mr. Milind Khamgaonkar	Design of Canals Kennedy's theory Numericals	<a href="https://youtu.be/RS2TFMi-Zsa">https://youtu.be/RS2TFMi-Zsa</a>	
56	8th sem		35	Mr. Milind Khamgaonkar	Canal Regulation Works	<a href="https://youtu.be/JegAfZZTPfE">https://youtu.be/JegAfZZTPfE</a>	
57	8th sem		36	Mr. Milind Khamgaonkar	Canal Drops & Falls	<a href="https://youtu.be/ZiTvK98IMJQ">https://youtu.be/ZiTvK98IMJQ</a>	
58	8th sem		37	Mr. Milind Khamgaonkar	Cross Drainage Work of Canal ,Water Logging	<a href="https://youtu.be/vFkK42Vv7qY">https://youtu.be/vFkK42Vv7qY</a>	
59	8th sem		38	Mr. Milind Khamgaonkar	Diversion Head Works Concept, Components	<a href="https://youtu.be/Hivs3D8dTIE">https://youtu.be/Hivs3D8dTIE</a>	
60	8th sem		39	Mr. Milind Khamgaonkar	Components of Diversion Head Works & Causes of Failure	<a href="https://youtu.be/tjDSseWLUqE">https://youtu.be/tjDSseWLUqE</a>	
61	8th sem		40	Mr. Milind Khamgaonkar	Khosla's theory for apron Design Spillways	<a href="https://youtu.be/4fdckRVNPI4">https://youtu.be/4fdckRVNPI4</a>	
62	8th sem		41	Mr. Milind Khamgaonkar	Exploring Various Spillways, Energy Dissipation Arrangements Spillway Gates	<a href="https://youtu.be/mvCgE2JWXhg">https://youtu.be/mvCgE2JWXhg</a>	
63	8th sem		42	Mr. Milind Khamgaonkar	Components of Diversion Headwork-Blig's Creep Theory	<a href="https://youtu.be/f9uLg34cPBg">https://youtu.be/f9uLg34cPBg</a>	
64	8th sem		Water & Waste Water Treatment	1	Mr. Mohitsingh Katoch	Aeration	<a href="https://youtu.be/qmwXRqLk8eo">https://youtu.be/qmwXRqLk8eo</a>
65	8th sem			2	Mr. Mohitsingh Katoch	Coagulation & Flocculation-Part A	<a href="https://youtu.be/lpWfxRAUI6A">https://youtu.be/lpWfxRAUI6A</a>
66	8th sem			3	Mr. Mohitsingh Katoch	Coagulation & Flocculation-Part B	<a href="https://youtu.be/eROJkmUXsA0">https://youtu.be/eROJkmUXsA0</a>
67	8th sem			4	Mr. Mohitsingh Katoch	Practical on Optimum Coagulant Dose (JAR Test)	<a href="https://youtu.be/NDCfZ-OtMOI">https://youtu.be/NDCfZ-OtMOI</a>
68	8th sem			5	Mr. Mohitsingh Katoch	Determination of pH (Practical)	<a href="https://youtu.be/uar5sO-KV4s">https://youtu.be/uar5sO-KV4s</a>
69	8th sem			6	Mr. Mohitsingh Katoch	Determination of Chlorides (Practical)	<a href="https://youtu.be/WuEX8OjBHnY">https://youtu.be/WuEX8OjBHnY</a>
70	6th sem		Steel Structures	1	Ms. Ankita Meshram	Introduction to Steel structures	<a href="https://youtu.be/swUJ-f10rNY">https://youtu.be/swUJ-f10rNY</a>
71	6th sem			2	Ms. Ankita Meshram	Design of single angle discontinuous strut	<a href="https://youtu.be/AW624gCrJuE">https://youtu.be/AW624gCrJuE</a>
72	6th sem			3	Ms. Ankita Meshram	Bolted Connection	<a href="https://youtu.be/y4fxjsOwTas">https://youtu.be/y4fxjsOwTas</a>
73	6th sem			4	Ms. Ankita Meshram	Numerical on Bolted Connection	<a href="https://youtu.be/STRlCXGhmXA">https://youtu.be/STRlCXGhmXA</a>
74	6th sem	5		Ms. Ankita Meshram	Design of Simple Beam	<a href="https://youtu.be/AoQeVCCg460">https://youtu.be/AoQeVCCg460</a>	
75	6th sem	6		Ms. Ankita Meshram	Design of Column Base	<a href="https://youtu.be/WWBU4lfDIAS">https://youtu.be/WWBU4lfDIAS</a>	
76	6th sem	Surveying-II	1	Mr. Mohitsingh Katoch	Tacheometry Surveying Numerical Part 1	<a href="https://youtu.be/os5gNbEnzW0">https://youtu.be/os5gNbEnzW0</a>	
77	6th sem		2	Mr. Mohitsingh Katoch	Tacheometry Surveying Numerical Part 2	<a href="https://youtu.be/nTlHNdorY8A">https://youtu.be/nTlHNdorY8A</a>	
78	6th sem		3	Mr. Mohitsingh Katoch	Basics of Tacheometric Surveying	<a href="https://youtu.be/YilBKZE5sHQ">https://youtu.be/YilBKZE5sHQ</a>	
79	6th sem		1	Mr. Milind Khamgaonkar	Wastewater, Sewage & Concepts	<a href="https://youtu.be/qJWZdm9vzM">https://youtu.be/qJWZdm9vzM</a>	
80	6th sem		2	Mr. Milind Khamgaonkar	Sewerage system, methods, types & patterns	<a href="https://youtu.be/cdyV-YKTdrg">https://youtu.be/cdyV-YKTdrg</a>	
81	6th sem		3	Mr. Milind Khamgaonkar	Sewer Shapes: Design Parameters	<a href="https://youtu.be/G6jpp_3k8FXc">https://youtu.be/G6jpp_3k8FXc</a>	
82	6th sem	4	Mr. Milind Khamgaonkar	Sewer Design: Discharge Computation	<a href="https://youtu.be/oSpdQ8-LCTY">https://youtu.be/oSpdQ8-LCTY</a>		
83	6th sem	5	Mr. Milind Khamgaonkar	Storm & Domestic Sewage Computations	<a href="https://youtu.be/WkTt-04h8Pw">https://youtu.be/WkTt-04h8Pw</a>		
84	6th sem	6	Mr. Milind Khamgaonkar	Hydraulic Design of Sewers	<a href="https://youtu.be/lNoANRTeMyc">https://youtu.be/lNoANRTeMyc</a>		
85	6th sem	7	Mr. Milind Khamgaonkar	Design, Derivations of Circular Sewers	<a href="https://youtu.be/EdEr5OhBuGI">https://youtu.be/EdEr5OhBuGI</a>		
86	6th sem	8	Mr. Milind Khamgaonkar	Sewer Design Numerical	<a href="https://youtu.be/TWk_QqEGvypw">https://youtu.be/TWk_QqEGvypw</a>		
87	6th sem	9	Mr. Milind Khamgaonkar	Construction Methodology of Sewers	<a href="https://youtu.be/GoRapSnxZ00">https://youtu.be/GoRapSnxZ00</a>		
88	6th sem	10	Mr. Milind Khamgaonkar	Sewer Types, Suitability	<a href="https://youtu.be/0i7_6R5-1RU">https://youtu.be/0i7_6R5-1RU</a>		
89	6th sem	11	Mr. Milind Khamgaonkar	Sewer appurtenances, manhole, drop manhole etc	<a href="https://youtu.be/NOZAMXn83TM">https://youtu.be/NOZAMXn83TM</a>		
90	6th sem	12	Mr. Milind Khamgaonkar	Sewer Overflows, Inverts, Flushes etc Appurtenances	<a href="https://youtu.be/BNbfDvNcEmM">https://youtu.be/BNbfDvNcEmM</a>		
91	6th sem	13	Mr. Milind Khamgaonkar	Aspects of House Plumbing Systems, Appliances & Pumping System details	<a href="https://youtu.be/J-L7MRomHt0">https://youtu.be/J-L7MRomHt0</a>		
92	6th sem	14	Mr. Milind Khamgaonkar	Biological Properties, DO, Oxygen Consumed Various Demands	<a href="https://youtu.be/spzA_fwMn4I">https://youtu.be/spzA_fwMn4I</a>		
93	6th sem	15	Mr. Milind Khamgaonkar	Knowing Physical, Chemical Properties of Sewage	<a href="https://youtu.be/Ovl39L-OuC8">https://youtu.be/Ovl39L-OuC8</a>		
94	6th sem	16	Mr. Milind Khamgaonkar	Understanding Biological Oxygen Demand	<a href="https://youtu.be/Y0bkUx7pcgE">https://youtu.be/Y0bkUx7pcgE</a>		
95	6th sem	17	Mr. Milind Khamgaonkar	Knowing BOD, COD, ThOD & Numericals	<a href="https://youtu.be/wLY-F7TbQWM">https://youtu.be/wLY-F7TbQWM</a>		
96	6th sem	18	Mr. Milind Khamgaonkar	Seepage Control Measure in Earthen Dam, Flownet Concept	<a href="https://youtu.be/o7h7GTG_8aY">https://youtu.be/o7h7GTG_8aY</a>		
97	6th sem	Environmental Engineering-II	19	Mr. Milind Khamgaonkar	Understanding Sewage treatment methods, Flowchart, Plantsite selection	<a href="https://youtu.be/Vsafyz2O9vc">https://youtu.be/Vsafyz2O9vc</a>	

98	6th sem		20	Mr. Milind Khamgaonkar	Exploring Screens, Parameters, Design numerical, Grit Chamber	<a href="https://youtu.be/018TXQCWmBE">https://youtu.be/018TXQCWmBE</a>
99	6th sem		21	Mr. Milind Khamgaonkar	Grit Chamber, Skimming tanks, Design Parameters & Design Numerical	<a href="https://youtu.be/sDpi7T9IRoM">https://youtu.be/sDpi7T9IRoM</a>
100	6th sem		22	Mr. Milind Khamgaonkar	Primary Sedimentation Tank, Design Parameters & Numerical	<a href="https://youtu.be/RF7cfHVtYpg">https://youtu.be/RF7cfHVtYpg</a>
101	6th sem		23	Mr. Milind Khamgaonkar	Exploring Secondary Treatment to Sewage	<a href="https://youtu.be/pJOn4YBnFE">https://youtu.be/pJOn4YBnFE</a>
102	6th sem		24	Mr. Milind Khamgaonkar	Exploring Activated Sludge Process	<a href="https://youtu.be/swJZlbuLDoys">https://youtu.be/swJZlbuLDoys</a>
103	6th sem		25	Mr. Milind Khamgaonkar	Trickling filters the attached growth process	<a href="https://youtu.be/-1RXJ3Mos7k">https://youtu.be/-1RXJ3Mos7k</a>
104	6th sem		26	Mr. Milind Khamgaonkar	Sewage Disposal Stream Self Purification	<a href="https://youtu.be/VX_qsS-Y0bE">https://youtu.be/VX_qsS-Y0bE</a>
105	6th sem		27	Mr. Milind Khamgaonkar	Sewage disposal & basics of Sludge Digestion	<a href="https://youtu.be/LaOixXOfOTY">https://youtu.be/LaOixXOfOTY</a>
106	6th sem		28	Mr. Milind Khamgaonkar	Understanding Biogas plant Industrial Waste Water treatment	<a href="https://youtu.be/V3JWmclhiqO">https://youtu.be/V3JWmclhiqO</a>
107	6th sem		29	Mr. Milind Khamgaonkar	Sludge Digestion Tanks, Sludge drying beds	<a href="https://youtu.be/OXa2BLOiPYk">https://youtu.be/OXa2BLOiPYk</a>
108	6th sem		30	Mr. Milind Khamgaonkar	Importance of Rural Sanitation Privies	<a href="https://youtu.be/37p7rHXC0aI">https://youtu.be/37p7rHXC0aI</a>
109	6th sem		31	Mr. Milind Khamgaonkar	Design of Septic Tank Sewage Disposal	<a href="https://youtu.be/gTIIgacrIW8">https://youtu.be/gTIIgacrIW8</a>
110	6th sem		32	Mr. Milind Khamgaonkar	Sources of Air Pollution	<a href="https://youtu.be/ssFoo4V7SdK">https://youtu.be/ssFoo4V7SdK</a>
111	6th sem		33	Mr. Milind Khamgaonkar	Causes, Effects Sources of Air Pollution	<a href="https://youtu.be/ZHSdNK-qx7A">https://youtu.be/ZHSdNK-qx7A</a>
112	6th sem		34	Mr. Milind Khamgaonkar	Air Pollution Control by Various Methods	<a href="https://youtu.be/D73rVA1xJ8">https://youtu.be/D73rVA1xJ8</a>
113	6th sem		35	Mr. Milind Khamgaonkar	Climate Change-Green House Effect-Global Warming a detailed perspective	<a href="https://youtu.be/X-zBWfthVKV4">https://youtu.be/X-zBWfthVKV4</a>
114	6th sem		36	Mr. Milind Khamgaonkar	Understanding Carbon Credits	<a href="https://youtu.be/_d8ST41Gmr0">https://youtu.be/_d8ST41Gmr0</a>
115	6th sem		37	Mr. Milind Khamgaonkar	Solid Waste Management	<a href="https://youtu.be/PkUhO9sMcZk">https://youtu.be/PkUhO9sMcZk</a>
116	6th sem	Fluid Mechanics-II	1	Ms. Shefali Ghutke	Open channel flow	<a href="https://youtu.be/Yd1B185Fv21">https://youtu.be/Yd1B185Fv21</a>
117	6th sem		2	Ms. Shefali Ghutke	Gradually Varied flow	<a href="https://youtu.be/rNDsxXhLJ-M">https://youtu.be/rNDsxXhLJ-M</a>
118	6th sem		3	Ms. Shefali Ghutke	Rapidly varied flow or Hydraulic Jump	<a href="https://youtu.be/hcA4GssPRgg">https://youtu.be/hcA4GssPRgg</a>
119	6th sem		4	Ms. Shefali Ghutke	Dimensional analysis	<a href="https://youtu.be/iJNdde6fc18">https://youtu.be/iJNdde6fc18</a>
120	6th sem		5	Ms. Shefali Ghutke	Centrifugal Pump	<a href="https://youtu.be/eh8DqsEtOZU">https://youtu.be/eh8DqsEtOZU</a>
121	6th sem		6	Ms. Shefali Ghutke	Reciprocating pump	<a href="https://youtu.be/JsWB_VWV2Hg">https://youtu.be/JsWB_VWV2Hg</a>
122	6th sem		7	Ms. Shefali Ghutke	Centrifugal Pump (Practical Demonstration)	<a href="https://youtu.be/r8uvNUldc4">https://youtu.be/r8uvNUldc4</a>
123	6th sem		8	Ms. Shefali Ghutke	Determination of Chezy's constant for given open channel	<a href="https://youtu.be/vtCLZz4YQok">https://youtu.be/vtCLZz4YQok</a>
124	6th sem		9	Ms. Shefali Ghutke	Numerical on Open channel flow	<a href="https://youtu.be/8v0mJZCM-k">https://youtu.be/8v0mJZCM-k</a>
125	6th sem	Building Design & Drawing	1	Ms. Aarti Karnuke	Types of line Building Design and Drawing Practical	<a href="https://youtu.be/ODj8619Xpyw">https://youtu.be/ODj8619Xpyw</a>
126	6th sem		2	Ms. Aarti Karnuke	Lettering	<a href="https://youtu.be/0Yng0O8dtiw">https://youtu.be/0Yng0O8dtiw</a>
127	4th sem	Structural Analysis-I	1	Mr. Aasif Baig	Introduction to Structural Analysis	<a href="https://youtu.be/U-0eGs2DeVs">https://youtu.be/U-0eGs2DeVs</a>
128	4th sem		2	Mr. Aasif Baig	Numerical on Three Moment Theorem (2 Span)	<a href="https://youtu.be/_zEpBaahHs">https://youtu.be/_zEpBaahHs</a>
129	4th sem		3	Mr. Aasif Baig	Numerical on Three Moment Theorem (3 Span)	<a href="https://youtu.be/HNeZ-ssPleo">https://youtu.be/HNeZ-ssPleo</a>
130	4th sem		4	Mr. Aasif Baig	Numerical on Three Moment Theorem (3 Span) (Overhang)	<a href="https://youtu.be/88iHVA7yk6s">https://youtu.be/88iHVA7yk6s</a>
131	4th sem		5	Mr. Aasif Baig	Numerical on Three Moment Theorem (3 Span) (Fixed)	<a href="https://youtu.be/rVOGgxtB9Jg">https://youtu.be/rVOGgxtB9Jg</a>
132	4th sem		6	Mr. Aasif Baig	Numerical on Three Moment Theorem (3 Span) (Fixed) Couple	<a href="https://youtu.be/rVOGgxtB9Jg">https://youtu.be/rVOGgxtB9Jg</a>
133	4th sem		7	Mr. Aasif Baig	Numerical on Three Moment Theorem sinking support	<a href="https://youtu.be/DPOYGg-AhUk">https://youtu.be/DPOYGg-AhUk</a>
134	4th sem		8	Mr. Aasif Baig	Influence line diagram (Part I)	<a href="https://youtu.be/WYvAI6FEngc">https://youtu.be/WYvAI6FEngc</a>
135	4th sem		9	Mr. Aasif Baig	Influence line diagram (Part II)	<a href="https://youtu.be/bw1BfaAIU_M">https://youtu.be/bw1BfaAIU_M</a>
136	4th sem		10	Mr. Aasif Baig	Influence line diagram (Part III)	<a href="https://youtu.be/P4mWSTruL68">https://youtu.be/P4mWSTruL68</a>
137	4th sem		11	Mr. Aasif Baig	Influence line diagram (Part IV)	<a href="https://youtu.be/D3FWsvLEDFk">https://youtu.be/D3FWsvLEDFk</a>
138	4th sem		12	Mr. Aasif Baig	Influence line diagram (Part V)	<a href="https://youtu.be/Qu65rS3MnCl">https://youtu.be/Qu65rS3MnCl</a>
139	4th sem		13	Mr. Aasif Baig	Influence line diagram (Part VI)	<a href="https://youtu.be/Hz418ZV43U">https://youtu.be/Hz418ZV43U</a>
140	4th sem		14	Mr. Aasif Baig	Strain Energy (Part I)	<a href="https://youtu.be/PXWUWVvb49g">https://youtu.be/PXWUWVvb49g</a>
141	4th sem	15	Mr. Aasif Baig	Strain Energy (Part II)	<a href="https://youtu.be/9jiiU9zSnOg">https://youtu.be/9jiiU9zSnOg</a>	
142	4th sem	16	Mr. Aasif Baig	Strain Energy (Part III)	<a href="https://youtu.be/-oG-Kj91Vlk">https://youtu.be/-oG-Kj91Vlk</a>	
143	4th sem	17	Mr. Aasif Baig	Slope Deflection Method (Part I)	<a href="https://youtu.be/UYvHYTzpoa4">https://youtu.be/UYvHYTzpoa4</a>	
144	4th sem	18	Mr. Aasif Baig	Slope Deflection Method (Part II)	<a href="https://youtu.be/jLcGfV2jwA">https://youtu.be/jLcGfV2jwA</a>	
145	4th sem	19	Mr. Aasif Baig	Slope Deflection Method (Part III)	<a href="https://youtu.be/RmdMLrXBuG0">https://youtu.be/RmdMLrXBuG0</a>	
146	4th sem	20	Mr. Aasif Baig	Slope Deflection Method (Part IV)	<a href="https://youtu.be/nS6lcVixJOA">https://youtu.be/nS6lcVixJOA</a>	
147	4th sem	21	Mr. Aasif Baig	Slope Deflection Method (Part V)	<a href="https://youtu.be/AUjpwX2f6TA">https://youtu.be/AUjpwX2f6TA</a>	
148	4th sem	22	Mr. Aasif Baig	Slope Deflection Method (Part VI)	<a href="https://youtu.be/ElkBmLXImoc">https://youtu.be/ElkBmLXImoc</a>	
149	4th sem	Transportation Engineering-I	1	Mr. Sanjay K. Bhadke	Introduction to Transportation (Highway) Engineering	<a href="https://youtu.be/6pPOzVQdTAI">https://youtu.be/6pPOzVQdTAI</a>
150	4th sem		2	Mr. Sanjay K. Bhadke	Introduction to Traffic Engineering, Traffic Sign and Signals	<a href="https://youtu.be/6osw53SmeAw">https://youtu.be/6osw53SmeAw</a>
151	4th sem		3	Mr. Sanjay K. Bhadke	Aggregate Properties	<a href="https://youtu.be/Wo0MfYHrE5c">https://youtu.be/Wo0MfYHrE5c</a>
152	4th sem		4	Mr. Sanjay K. Bhadke	Geometric Design-I	<a href="https://youtu.be/mfSossJkVtEVk">https://youtu.be/mfSossJkVtEVk</a>
153	4th sem		5	Mr. Sanjay K. Bhadke	Road Curves	<a href="https://youtu.be/BVmb_QdWJgA">https://youtu.be/BVmb_QdWJgA</a>
154	4th sem		6	Mr. Sanjay K. Bhadke	Rigid Pavements	<a href="https://youtu.be/h70A11bzms">https://youtu.be/h70A11bzms</a>
155	4th sem		7	Mr. Sanjay K. Bhadke	Flexible Pavement	<a href="https://youtu.be/gPSN4K8K-1A">https://youtu.be/gPSN4K8K-1A</a>
156	4th sem		8	Mr. Sanjay K. Bhadke	Highway failure	<a href="https://youtu.be/RdHSQjP-PC4">https://youtu.be/RdHSQjP-PC4</a>
157	4th sem		9	Mr. Sanjay K. Bhadke	Group Index Method	<a href="https://youtu.be/76o04T04AOE">https://youtu.be/76o04T04AOE</a>
158	4th sem		10	Mr. Sanjay K. Bhadke	AASHTO Classification	<a href="https://youtu.be/T4dKmSERgYk">https://youtu.be/T4dKmSERgYk</a>
159	4th sem		11	Mr. Sanjay K. Bhadke	Traffic Study	<a href="https://youtu.be/ZZfwxC83C0Q">https://youtu.be/ZZfwxC83C0Q</a>
160	4th sem		12	Mr. Sanjay K. Bhadke	Traffic Volume and Characteristics	<a href="https://youtu.be/4X5StrHISAA">https://youtu.be/4X5StrHISAA</a>
161	4th sem		13	Mr. Sanjay K. Bhadke	Spot and Speed Study	<a href="https://youtu.be/PAM_OyR9Iy4">https://youtu.be/PAM_OyR9Iy4</a>
162	4th sem		14	Mr. Sanjay K. Bhadke	Specific Gravity of Fine Aggregate	<a href="https://youtu.be/fz-qOBEHNAg">https://youtu.be/fz-qOBEHNAg</a>
163	4th sem		15	Mr. Sanjay K. Bhadke	Bridge Engineering	<a href="https://youtu.be/gib4oAix9KY">https://youtu.be/gib4oAix9KY</a>
164	4th sem		16	Mr. Sanjay K. Bhadke	Numerical on Score Depth	<a href="https://youtu.be/Cl3FBg8zCEc">https://youtu.be/Cl3FBg8zCEc</a>

165	4th sem		17	Mr. Sanjay K. Bhadke	Shape Test On Aggregate (Practical)	<a href="https://youtu.be/12peIig_t2s">https://youtu.be/12peIig_t2s</a>
166	4th sem	Building Construction & Materials	1	Ms. Aarti Karnuke	Foundation	<a href="https://youtu.be/1znVNsYL0I">https://youtu.be/1znVNsYL0I</a>
167	4th sem		2	Ms. Aarti Karnuke	Types of foundation	<a href="https://youtu.be/6tP9BTr2m94">https://youtu.be/6tP9BTr2m94</a>
168	4th sem		3	Ms. Aarti Karnuke	Deep Foundation	<a href="https://youtu.be/kfhGTvxMWyQ">https://youtu.be/kfhGTvxMWyQ</a>
169	4th sem		4	Ms. Aarti Karnuke	Brickwork	<a href="https://youtu.be/WjbuUMRgZgEc">https://youtu.be/WjbuUMRgZgEc</a>
170	4th sem		5	Ms. Aarti Karnuke	Lintel and Arches	<a href="https://youtu.be/rmtgEbEepZ28">https://youtu.be/rmtgEbEepZ28</a>
171	4th sem		6	Ms. Aarti Karnuke	Floor and Flooring	<a href="https://youtu.be/JcK_-IMlxJg">https://youtu.be/JcK_-IMlxJg</a>
172	4th sem		7	Ms. Aarti Karnuke	Roofs	<a href="https://youtu.be/88V14VsVPxE">https://youtu.be/88V14VsVPxE</a>
173	4th sem	Geotechnical Engineering-I	1	Ms. Shefali Ghutke	Types of Soil	<a href="https://youtu.be/P4WrKpqMSHM">https://youtu.be/P4WrKpqMSHM</a>
174	4th sem		2	Ms. Shefali Ghutke	Index properties of soil	<a href="https://youtu.be/E9j6frVvq1s">https://youtu.be/E9j6frVvq1s</a>
175	4th sem		3	Ms. Shefali Ghutke	Expansive soil	<a href="https://youtu.be/0xjBFrLKBa4">https://youtu.be/0xjBFrLKBa4</a>
176	4th sem		4	Ms. Shefali Ghutke	Quick sand condition	<a href="https://youtu.be/epnAr-S.P5U">https://youtu.be/epnAr-S.P5U</a>
177	4th sem		5	Ms. Shefali Ghutke	Permeability of Soil	<a href="https://youtu.be/OgTiBRqvEHL">https://youtu.be/OgTiBRqvEHL</a>
178	4th sem		6	Ms. Shefali Ghutke	determination of specific gravity of soil sample by using pycnometer	<a href="https://youtu.be/v65YBma6Sfs">https://youtu.be/v65YBma6Sfs</a>
179	4th sem		7	Ms. Shefali Ghutke	To determine the moisture content of a given soil sample	<a href="https://youtu.be/2NkdKku5N_4">https://youtu.be/2NkdKku5N_4</a>
180	4th sem	Surveying-I	1	Ms. Ankita Meshram	Introduction to Surveying-I	<a href="https://youtu.be/7Zpu86kqz8">https://youtu.be/7Zpu86kqz8</a>
181	4th sem		2	Ms. Ankita Meshram	Introduction to Chain Surveying	<a href="https://youtu.be/rwpSwaew7OTI">https://youtu.be/rwpSwaew7OTI</a>
182	4th sem		3	Ms. Ankita Meshram	Demonstration of measuring chain used for surveying	<a href="https://youtu.be/jyPoQe7Docq">https://youtu.be/jyPoQe7Docq</a>
183	4th sem		4	Ms. Ankita Meshram	Compass Surveying	<a href="https://youtu.be/j185jyj6b34">https://youtu.be/j185jyj6b34</a>
184	4th sem		5	Ms. Ankita Meshram	Levelling	<a href="https://youtu.be/BKsN_vG96Zo">https://youtu.be/BKsN_vG96Zo</a>
185	4th sem		6	Ms. Ankita Meshram	Numericals based on angular measurements by prismatic compass	<a href="https://youtu.be/ovWWoP6lj10">https://youtu.be/ovWWoP6lj10</a>
186	4th sem		7	Ms. Ankita Meshram	Contour Surveying	<a href="https://youtu.be/sSDjiYErub0">https://youtu.be/sSDjiYErub0</a>
187	4th sem		8	Ms. Ankita Meshram	Demonstration of Dumpy Level	<a href="https://youtu.be/s0keQxS8Z-k">https://youtu.be/s0keQxS8Z-k</a>
188	4th sem		9	Ms. Ankita Meshram	Practical on Determination of Elevation (Levelling) by Auto Level	<a href="https://youtu.be/wpSQiKLceBo">https://youtu.be/wpSQiKLceBo</a>
189	4th sem		10	Ms. Ankita Meshram	Theodolite Surveying	<a href="https://youtu.be/QUJT3w9g8Iq">https://youtu.be/QUJT3w9g8Iq</a>



Prof. Amey R. Khedikar  
HOD  
Civil Engineering Department  
<https://rb.gv/igb8qm>