

STRUCTURAL DESIGN II

1. STRUCTURAL STEEL SECTION

<https://www.youtube.com/watch?v=CqdKcPMVC28>

2. BOLTED CONNECTION

https://www.youtube.com/watch?v=8IsnrpN2cF8&list=PLSNhedsleX1335_jU9sx8sW7_LcMW4EZc&index=7&pbjreload=10

3. WELDED CONNECTION

https://www.youtube.com/watch?v=Cgu1ZripS5U&list=PLSNhedsleX1335_jU9sx8sW7_LcMW4EZc&index=14

4. TENSION MEMBER

https://www.youtube.com/watch?v=6c74vHH6nDw&list=PLSNhedsleX1335_jU9sx8sW7_LcMW4EZc&index=18

5. COMPRESSION MEMBER

https://www.youtube.com/watch?v=VRTLHvelqsU&list=PL5DYIL_VeL0vn1NdFO48XVPIOs5HupGi9

6. COLUMN BASE

https://www.youtube.com/watch?v=_Jz4OgnN7Kc

DISASTER MANAGEMENT

1. EARTHQUAKE & LANDSLIDES

<https://www.youtube.com/watch?v=KRZ6c0ORp5g>

2. TSUNAMI

<https://www.youtube.com/watch?v=AJLIhKXbGLc>

3. DROUGHT & FOREST FIRE

<https://www.youtube.com/watch?v=NAISWkCU7Ks>

4. FLOOD & CYCLONE

<https://www.youtube.com/watch?v=Ptb-jODxPZo>

RAILWAY & BRIDGE ENGINEERING

1. INTRODUCTION TO RAILWAY ENGINEERING

<https://www.youtube.com/watch?v=37WMS483T7Y&list=PL8F270FB705289046&index=1>

2. GAUGES AND PERMANENT WAY

https://www.youtube.com/watch?v=w_4V8kwkdNU&list=PL8F270FB705289046&index=2

3. RAILS

<https://www.youtube.com/watch?v=APhIqcsFR3U&list=PL8F270FB705289046&index=7>

4. CREEP IN RAILS

<https://www.youtube.com/watch?v=WN2uMkWuTtI&list=PL8F270FB705289046&index=8>

5. SLEEPERS

<https://www.youtube.com/watch?v=CXBcNI9pLxY&list=PL8F270FB705289046&index=11>

6. BALLAST

<https://www.youtube.com/watch?v=3aKR45fWqv8&list=PL8F270FB705289046&index=12>

7. FASTENINGS

<https://www.youtube.com/watch?v=gQWLe8T3Yu8&list=PL05C6EFB31D920568&index=13>

8. TURNOUTS AND CROSSING

<https://www.youtube.com/watch?v=owmJ2J1B6g4&list=PL05C6EFB31D920568&index=19>

EVS

Chapter	Name of topics	LINK SHARED WITH STUDENTS
1	The Multidisciplinary nature of environmental studies	https://youtu.be/pKT8ci7pbK4
2	Natural Resources	https://youtu.be/hqq4waDUrnk https://youtu.be/19dgFevZ7KU
3	Systems	https://youtu.be/iqXBjX3Lvja https://youtu.be/b_96drivmB8 https://youtu.be/BB2i6FNqazg
4	Biodiversity and it's Conservation	https://youtu.be/_mgvsPnCYj4 https://youtu.be/kK96d_3Wtus
5	Environmental Pollution	https://youtu.be/yn4jgsbPBKI https://youtu.be/olIq5HthpCQ https://youtu.be/KnYO5Q0X4Jo https://youtu.be/rrWrm8l1aBg
6	Social issues and the Environment	https://youtu.be/7V8oFI4GYMY https://youtu.be/fVy2B65pFJE https://youtu.be/clCft2ymq3g https://youtu.be/-WnHKAGZuBw

		https://youtu.be/lzOhudpjOE8 https://www.youtube.com/watch?v=0Vszm8Pj1uY https://youtu.be/5cr_s41jxzc https://youtu.be/aisw1J8PRNE
7	Human population and the environment	https://www.youtube.com/watch?v=9e7wgqRdOig