

## DEPARTMENT OF CIVIL ENGINEERING

### LIST COURSES UPGRADED WITH MORE THAN 20% OF COURSE CONTENT FOR AY 2022-23 (UG)

Sl. No.	Course Name	Course Code
1.	Construction Materials and Technology(IC)	21CVI33
2.	Geodetic Engineering (IC)	21CVI34
3.	Building Planning and Drawing Lab -I	21CVL35
4.	Social Connect & Responsibility	21UHV36
5.	Building Services	21AEC38A
6.	Employability Skill - 1	21CPH39
7.	National Service Scheme (NSS)	21NS39
8.	Physical Education (PE) (Sports and Athletics)	21PE39
9.	Yoga	21YO39
10.	Additional Mathematics	NCMC21M ATDIP31
11.	Structural Analysis	21CVT42
12.	Public Health Engineering (IC)	21CVI43
13.	Building Construction and Planning Lab	21CVL45
14.	Internship -1	21CVI46
15.	Earth Science in Engineering	21AEC49A
16.	Bridge Engineering	19 CVT71
17.	Software Application Lab	19 CVL77
18.	Energy efficient and Green Buildings	19 CVT 733
19.	Analysis and Design of Tall Structures	19CVT 741

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# Nagarjuna College of Engineering and Technology, Bengaluru.

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20	Computational Structural Mechanics	19 CVT 742
21	Advanced Design of Steel Structures	19 CVT 743

A handwritten signature in black ink, appearing to read "G. Sridhar".

**HOD Civil Engineering**  
Nagarjuna College of Engineering  
& Technology  
Mudugurki Village, Venkatagirikote-Post  
Devanahalli Taluk, Bengaluru -562 164

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### LIST COURSES UPGRADED WITH MORE THAN 20% OF COURSE CONTENT FOR AY 2022-23 (PG - CSE)

Sl. No.	Course Name	Course Code
1.	Statistics and Optimization Techniques	22CSE11
2.	Mechanics of Deformable Bodies	22CSE15
3.	Research Methodology & IPR	22CSE16
4.	BOS recommended course (Any NPTEL/SWAYAM)	22AUD/ AEC 18
5.	Advanced Structural Analysis	22CSE233
6.	Advanced Design of Steel Structures	22CSE243
7.	BOS recommended course (Any NPTEL/SWAYAM)	22AUD/AEC 27
8.	Design of Substructures	21CSE31
9.	Design of Precast and Prefabricated Structures	21CSE322
10.	Construction Techniques and Management	21CSE332
11.	Structural Health Monitoring	21CSE333

*G. S. S. S.*  
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### LIST COURSES UPGRADED WITH MORE THAN 20% OF COURSE CONTENT FOR AY 2022-23 (PG - CCT)

Sl. No.	Course Name	Course Code
1.	Statistics and Optimization Techniques	22CCT11
2.	Sustainable Construction Materials & Energy Efficient Building	22CCT12
3.	Construction Project Management	22CCT14
4.	Mechanization in Construction	22CCT15
5.	Research Methodology & IPR	22CCT16
6.	BOS recommended course (Any NPTEL/SWAYAM)	22AUD/ AEC 18
7.	Construction Economics and Finance	22CCT21
8.	Design Concepts of Substructures	22CCT232
9.	Building Cost and Quality Management	22CCT242
10	BOS recommended course (Any NPTEL/SWAYAM)	22AUD/AEC 27
11	Automation In Construction Industry	21CCT321
12	Earthquake Engineering	• 21CCT323
13	Structural Masonry	21CCT332

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