

Tanmay Mahajan

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EDUCATIONAL QUALIFICATION

- **Punjab Engineering College (Deemed to be University), Chandigarh (2015-2019).**
B-Tech. in Civil Engineering (C.G.P.A. 8.81/10).
- **G.M.S.S.S. Sector 37-B, Chandigarh (2013-2015).**
A.I.S.S.C.E. C.B.S.E. (92.2%).
- **Bal Niketan Model Senior Secondary School, Sector 37-A, Chandigarh.**
Secondary School Examination. C.B.S.E. (C.G.P.A. 10/10)

WORK EXPERIENCE

- Internship at Som Projects Pvt Ltd. Visakhapatnam, Andhra Pradesh, India (8th January, 2018 – 3rd June, 2018). Construction of Labs, Water Tanks, Office Buildings was under progress at BARC (Bhabha Atomic Research Centre) main campus, Atchutapuram, Visakhapatnam.
- Summer Training at Institute of Spatial Planning and Environment Research, Panchkula, India (15th May, 2017 – 30th June, 2017) on ‘Application of GIS and Remote Sensing’.
- Teacher Assistant at Seema’s Chemistry Coaching Institute (June 2015).
- Concrete Canoe Chair at ASCE – PEC (2018-19).

TECHNICAL SKILLS

- Microsoft Excel.
- AutoCAD.
- ArcGIS.
- STAAD Pro.

ACHIEVEMENTS

- Secured AIR-462 in GATE-2020.
- Awarded with Institute Color for continuous efforts in participation and organization of various events of ASCE-PEC. (2019)
- Awarded with COE (Certificate of Excellence) for continuous efforts in participation and organization of various events of NSS-PEC. (2018)
- Secured First Position in Boat making competition 'Concrete Canoe' held in Reconnaissance, 2017.
- Secured Third Position in 'Survey Hunt' in PECFest 2017.
- Secured First Position in C.V. Raman Physics Quiz held on 22nd August, 2014 at Carmel Convent School, Sector 9, Chandigarh.

PROJECTS

- **Study on effect of shear walls on seismic behaviour of RCC framed buildings.**
Comparison of various factors such as Bending Moment, Shear Force, Torsional Moment in a structural component for various positions of shear walls in RCC frame by analyzing the structure using STAAD-Pro.
- **Structural Design of CHC Building at Dudhola, Haryana.**
Whole Building was designed which includes design of various components such as floor slabs, beams, columns, masonry walls, staircase and footings. This whole design was done manually by preparing excel spreadsheets for different components.
- **Analysis on Investments in Start-ups.**
Data was taken from crunchbase.com and Analysis was done on Funding in new start-ups (sector and year wise).

EXTRA/CO-CURRICULAR ACTIVITIES

- Member of PEC Dramatics Club (Dance Wing) (2016-2017).
- Member of NSS Unit PEC, Chandigarh (2015-2019).
- Member of ASCE Student Chapter, PEC (2015-2019).