



Mandeep Chaudhary

SUMMARY

Highly ambitious and driven, Mandeep brings with him 2 years of experience in transmission line tower & foundation designing, Profiling ,Route alignment and an additional 1 year experience in teaching structural engineering subjects as an assistant professor.

PERSONAL INFORMATION

Email:
mandeepchaudhary786@gmail.com
Mobile:
(+91) 9888456987
LANGUAGES
English
Hindi
Punjabi

EDUCATION

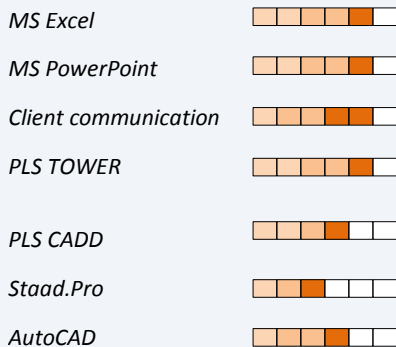
ME – Structural Engineering (2017)
Thapar University
Patiala, India
(80.3%)

B.TECH – Civil Engineering (2014)
Guru Nanak Dev Engineering College
Ludhiana, India
(66.61%)

Central Board of Secondary Education
12th, Mount Carmel School (2010)
Chandigarh, India
(66.2%)

Indian Certificate of Secondary Education
10th, Mount Carmel School (2008)
Garhshankar, India
(87%)

SKILLS



Noticeable Achievements

Cracked GATE 2015
Cracked exam for post of JE
Punjab State Transmission Corp. Ltd.

Hobbies

Cricket
Marathons
Cooking

PROFESSIONAL EXPERIENCE

Larsen & Toubro Construction (L&T), Chennai headquarters, India *Jul' 17 - Present*
Sr. Design Engineer

- Successfully designed & tested "A type tower (0°- 2°Dev)" (765kV D/C HEXA. ACSR ZEBRA) WZ-5
- Analyzed & Designed Transposition Tower "C type (0°- 5°)" (765KV D/C HEXA ACSR ZEBRA) WZ- 5
- Strengthened Tower types B(0°- 15°), C(15°- 30°) & D(30°- 60°) OF 220kV D/C TL (TWIN HTLS) WZ-4
- Designed "C type Tower (15°- 30°)" (230 kV M/C SINGLE ACSR ZEBRA) (NARROW-BASED) (WZ- 5)
- Designed Foundations (Raft, Pile , Isolated) according to site conditions
- Preparation of design documents (Loading calculation, sag-tension calculation, stringing chart)
- Successful Validation OF B type & D type tower during stringing and connecting to S/S gantry along with backstay design
- **Profiling & Route Alignment**
 - Carried out 400 KV & 230 KV profiling from Manali S/S To Pulianthope S/S
 - 400 KV & 230 KV railway crossing profile drawings and design data calculations for Manali S/S To Pulianthope S/S
 - Profiling and Route alignment for
 - Saria Bishnugarh line (31km)
 - Gomia Bishnugarh line (21 km)
 - Bishnugarh Hazaribagh line (47 km)
 - Laukahi Phulparas line (25 km)

Global College of Engg. & tech., Punjab, India *Aug' 14 - Jul' 15*
Assistant Professor

- Undertook challenging Civil Engineering subjects such as
 - Strength of Materials
 - Structural Analysis
 - Environmental Engineering

INTERNSHIPS & ACADEMIC EXPERIENCE

ME Thesis *Jan' 17 – Jul'17*
Performance Evaluation of fibers modified concrete using acoustic emission technique

Part time teaching during ME *Jun' 16 – Dec'16*
Successfully mentored students for Gate exam preparation

Rohan Rajdeep Highway Ltd. *Jan' 14 – Jun'14*
Intern at 4 laning of Morinda – Kurali – Siswan Major District Road 31

EXTRACURRICULAR ACTIVITIES

- Participated in:
 - 5 Km , 10 Km & 21 Km Marathons with continuous improvement in timings
 - Cricket tournaments held at L&T