



# Pallavi Chaturvedi

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House No. 552, Sector 46, Gurugram, Gurugram, Haryana 122003

## PROFESSIONAL SUMMARY

Supportive Structural Engineer with qualifications of managing steel and Concrete structures with 5+ years of experience. Sound knowledge of design codes and software. Excellent abilities in wind and seismic analysis. Expertise in all building and construction materials, including steel and iron. Excellent communication and time management skills with the ability to relocate if needed. Committed to finishing projects on time and under budget.

## SKILLS

Proficiency in Modelling Tools:  
Auto CAD, Smart plant review,  
Navisworks, Smart sketch

Proficient in Design Tools :  
STAAD.Pro, RISA 3D, STAAD  
Offshore, Sp column  
AISC360-05, ASCE, IS, ACI318-  
11 code knowledge

Safety planning - Core member of  
Fluor Daniel India - HSE  
committee

Office level event management  
and contribution towards CSR  
activities

## WORK HISTORY

### ASSOCIATE DESIGN ENGINEER

07/2014 to CURRENT

#### Fluor Daniel India Private Limited | Gurugram, Haryana

**Structural Design Engineer (Jan 2019 to Present)** : Preparation of technical standards, maintaining database of Inputs for other discipline, engineering and output drawing review

**MDS coordination Engineer ( Jun 2017 to Dec 2018)** : assignment to South Korea(module fabrication yard) to solve technical queries during fabrication, Perform site inspections and safety walks.

Preparation of Field change notice and Field change instructions to Fabricator. Coordination with Client and fabricator to come up with mitigation plans for late changes

**Structural Design Engineer (Jul 2014 to Jun 2017)** : Providing Engineering inputs for steel process structure and foundations for modules, vertical vessels, Horizontal vessels and Pipe sleepers for various oil and gas projects by providing technical inputs with the help of structural design software and close coordination with different disciplines, work-share offices and vendor suppliers. Compilation of technical design documents

Adhered to local, state and federal civil and structural design requirements as well as AISC Code

Completed accurate engineering calculations for weights, loads and other metrics using both manual and digital methods.

#### **INTERN**

*06/2013 to 07/2013*

##### **M.P. Public Works Department, Bhopal | Bhopal**

Undergone vocational training under Executive Engineer, Bridge Construction Department, Bhopal  
Reviewing of engineering drawings  
Inspection of construction site

#### **INTERN**

*07/2012 to 07/2012*

##### **Western Central Railway | Bhopal**

Undergone Field training under Assistant Divisional Engineer, Western Central Railway, Bhopal.  
Site survey, Track survey.  
Inspection of - Filtration plant, recycling plant, layout of construction work, building maintenance and contracts.

## **EDUCATION**

**Bachelor of Engineering | Civil Engineering**

*06/2014*

**University institute of technology, Bhopal, MP**

**Senior School Certification Exam | Science**

**Sagar Public School, Bhopal, MP**

**Secondary School Examination**

**Sagar Public School, Bhopal, MP**

## **ACCOMPLISHMENTS**

Supervised team of two interns under company's Internship initiative.  
Runner-up - Collapsible Structure Event(Bridge making) Inter college Competition- Technocracy'12.

Successfully conducted Construction week 2019, Departmental annual functions, blood donation camps and CSR activities.

## **CERTIFICATIONS**

AUTOCAD 2010

STAAD.Pro

## HOBBIES

Dancing - I enjoy dancing and have participated in various inter and intra- school competitions and have won various awards.

Singing - I like to sing and have a formal 3 year training in Hindi vocal classical.

Watching web series and short movies - I like to watch various contents online like drama and comedy genre.