P A Y A L

[PAYAL.359050@2freemail.com](mailto:PAYAL.359050@2freemail.com)

OBJECTIVE

To Achieve high career growth through a continuous process of learning to utilize my inherent skills, academic learning and corporate experience to gain further experience & ultimately mark my existence as an effective Design Engineer.

EDUCATION

**Master of Engineering (M.E. Structures), Pune University, India 2015**

**Bachelor of Engineering (B.E. Civil), Pune University, India 2012**

**Diploma in Civil Engineering, Pune University, India 2009**

PROFESSIONAL EXPERIENCE

**Junior Design Engineer, S.M.C.E Pvt. Ltd.** – Pune, India (1 year)

* Designed and prepared engineering plans, drawings, specifications and cost estimates
* Estimation of quantities and cost of materials to determine project feasibility
* Scheduling of material and equipment purchases and delivery
* Prepared and analyzed the Design Basis Reports
* Performed field checks of project sites or survey areas to verify results
* Coordinating with clients, architects and contractors

SUMMER INTERNSHIP

**Intern, MIDASIT India Pvt. Ltd.-** Mumbai, India June 2014

* Learnt MidasGen software in depth using various plan of building

ACADEMIC PROJECTS

**Effect of column shortening on high rise RCC building considering elastic/inelastic approach:**

Company: MIDASIT India Pvt. Ltd., Mumbai, India

* To find a better solution over axial shortening effect on high rise structure
* To estimate the axial shortening effect on horizontal members
* To study the ACI, PCA and Eurocode and arrive at a better solution

**Use of plastic waste in flexible pavement:**

* To reduce pollution due to Plastic Waste by recycling process
* To increase the strength of material
* To compare the conventional material and material including plastic waste

ACHIEVEMENTS AND PARTICIPATIONS

* Stood first in the Masters course (M.E. Structures)
* Presented a paper on Axial Shortening Effect on vertical elements by ACI codeat ICMEST, Bangalore, India & Civil Post Graduate conference at MIT, Pune, India
* Presented a paper onAxial Shortening Effect on vertical elements by PCA and ACI code at National conference on smarter cities at SIT, Pune, India

COMPUTER SKILLS

* ETABS for designing RCC structure
* MIDAS GEN for building design
* SAP
* AUTO CAD
* MS-OFFICE: Word, PowerPoint, Excel