

**NIKHILKUMAR KAMALKISHORE  
AGRAWAL**

**M.Tech. Civil Engineering**

**Structural Engineering**

**Postgraduate (IInd Year Ist Semester)**

**Registration No : MT/CE/08523007/10**

**E-mail ID : nikhil\_vnit@rediffmail.com**



**Indian Institute of Technology Roorkee**

**Area(s) Of Interest :** Multistorey Buildings and Bridge Designing.

<b>Educational Qualifications</b>	<b>Year</b>	<b>Board/Institution</b>	<b>CGPA*/ %</b>
Postgraduate (Ist Year IInd Semester) ( Civil Engineering )	2009	IIT,Roorkee.	8.500
Undergraduate Overall ( Civil Engineering )	2006	NIT, Nagpur.	7.030
Twelfth Class	2002	M.S.B.S.H.S.E, Pune.	91.670
Tenth Class	2000	M.S.B.S.H.S.E, Pune.	79.600

\*GPA on a scale of 10



## **JOB INFORMATION**

**Larsen and Toubro Limited, ECC Division, Mumbai.**

**Planning Engineer** - GET of Batch # 2006. My Responsibilities involved are - 1) Preparing Construction Schedule using Microsoft Project (MSP), 2) Preparing MPCS schedule, 3) Preparing Monthly JCR, 4) Preparing yearly, Quarterly, weekly and daily planning and tracking reports, 5) Tracking of paid Vs. Claimed reconciliation statements, 6) Tendering for back to back projects, 7) Sub-contractor Billing, 8) RMC Marketing activities ( 01.07.2006 - 22.10.2007 )

## **INTERNSHIP**

**Town Planning and Valuation Department, Nashik**

**Inspection of Different constructions ( 1 month )**

1)Construction of 18m wide DP road at satana, 2)Construction of primary school building at Trimbkeshwar, 3)Construction of 24 m wide DP road at Warsavada,Jalgaon.

## **PROJECTS**

**IIT-Roorkee.**

**Seismic Evaluation of Flat Slab- Shear Core System. ( 8 months )**

Performance Based Analysis of 4,8,12 storey building having shear core in higher seismic zones and predicting the behaviour of flat slab building in these zone using SAP-2000, manually constructed excel sheets and VB-6 programmes for flat slabs and shear cores.

**IIT-Roorkee.**

**Comparison of Flat-Slab Building Structure with Framed Structure in Lateral Loadings using ETABS. ( 1 month )**

Creating Six models of 12 storey building using ETABS, three for flat slab building structure and three for framed structure having different percentage of shear-walls and comparing their respective behaviours in lateral loadings.

**NIT, Nagpur.**

**Development of Software for Diagnosis of S.T.P. ( 1 year )**

Using Fault Tree Analysis Procedure developed a VB-6 programme for diagnosis of problems in Sewage Treatment Plant.

## **SKILLS AND ACHIEVEMENTS**

**Computer Languages:**

Elementry knowledge of C,C++,VB.

**Software Packages:** STAAD.Pro, ETABS, SAP-2000, SAFE, AUTO-CAD, ANSYS, Microsoft Project (MSP)  
**Academic Achievements:** 100% percent marks in "SANSKRIT LANGUAGE" in SSC Examination.  
**Additional Courses Taken:** Plates and Shells, Earthquake Resistant Design of Structures, Mechanics of Composites, Simulation and Modeling, finance and Business Management.  
**Languages Known:** English ( S/R/W ); Hindi ( S/R/W ); Sanskrit ( R/W ); Marathi ( S/R/W );

## EXTRA CURRICULARS

**Yoga Competition at Janardan Swami Yogabhyasi Mandal, Nagpur-Division. ( 2006 )**  
Gold Medal for securing 1st position in Nagpur Division

**Tug-O-War at CG of NIT, Nagpur. ( 2005 )**  
Secured 1st position.

**Ganeshotsav Function at NIT, Nagpur. ( 2004 )**  
Organized Different Events for Function

**Typing Test conducted by Maharashtra State Bureau of Examinations ( 1998 )**  
Passed 30 WPM examination

**PG Representative ( 2009-10 )**  
PG Representative of Civil Department for Placements in IIT-Roorkee

## PERSONAL DETAILS

**Fathers name :** Kamalkishore L.Agrawal **Date of Birth :** 15-01-1985  
**Gender :** Male **Category :** General  
**Permanent Address :** C/o Kamalkishore Arunkumar, Itwari Anaz Bazar, Near Nehru Putla, Nagpur. 440002  
**Present Address :** G-100, Azad Bhawan, IIT-Roorkee, Roorkee.  
**Permanent Phone No :** 0712-2790773 **Phone No :** 09760197705

## REFERENCES

Dr. N.M.Bhandari.  
Professor  
Indian Institute of Technology, Roorkee.  
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