

# **MOHAMMED NADEEM QURESHI**

**M.E.(Struct.), MBA, PGD (Canada), Ph.D, C.Eng.**

**Head of Civil Engineering Department,**

Govt. Polytechnic, Yavatmal/ Govt. College of Engineering, Yavatmal,

Maharashtra, India

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## **PROFILE**

A highly energetic and enthusiastic individual specialized in Civil and Structural Engineering with more than twenty years of teaching experience in Polytechnic and Engineering College and over eight years of global industrial experience in supervising, analysis and design of Civil Engineering Structures. Dedicated to providing the best education to college students.

## **CAREER SKILLS SUMMARY**

- Extensive years of teaching experience in Engineering College and Polytechnic.
- Proven global industrial experience in the field of Construction Engineering.
- Demonstrated and supervised laboratory experiments.
- Prepared teaching materials, teaching and lesson plans and outlines for courses.
- Taught students using lectures, demonstrations, discussion groups, Models and power point presentation. Developed course content, Conducted course and program evaluation.
- Advised students on program curricula and career decisions. Worked as teacher guardian for students.
- Served on faculty committee that deals with curriculum revision.
- Experienced in planning and organizing various Technical activities, Competitions, Industrial visits, Paper presentation /Seminar for the benefits of students.
- Proficient in resolving technical problems related to Civil Engineering construction.
- Excellent time management and organizational skills.
- Effective interpersonal and communication skills.
- Ability to function as a team leader or a team member.

## **WORK HISTORY**

### **Head of Department (Civil Engineering)**

**11.08.2016 - Till Date**

Government Polytechnic , Yavatmal (M.S.), India

And Government College of Engineering Yavatmal (M.S.), India

- Responsible for academic and administrative management of the department
- Assessing the requirements of the materials, financial and human resources for effective implementation of prescribed curricula of program offered by the department.
- Planning, scheduling , coordinating and monitoring the curriculum implementation pertaining to the department.
- Acted as facilitator for the departmental faculty in laboratory development, laboratory set-up, and laboratory maintenance.
- Worked as an authority for coordinating and conducting examinations/test examinations.
- Worked as NBA Coordinator, Gymkhana Secretary, Gymkhana Vice President, Building Maintenance Incharge, Incharge Principal.
- Organised Institute level workshops for faculty development.
- Responsible for the development and implementation of short term plan for department development and quality improvement.
- Taught Civil Engineering courses such as Engineering Mechanics, Transportation Engineering, Surveying, and Bridge Engineering Prepared teaching materials, teaching and lesson plans and outlines for courses.

*Work History continued:***Senior Lecturer in Civil Engineering****23.11.2001 - 10.08.2016**

Government Polytechnic Amravati (M.S.), India

- Taught Civil Engineering courses such as Engineering Mechanics, Strength of Materials, Design of Structures, Transportation Engineering, Surveying, and Bridge Engineering to university students.
- Prepared teaching materials, teaching and lesson plans and outlines for courses.
- Taught students using lectures, demonstrations, discussion groups, Models and power point presentation. Prepared, administer and mark tests and papers.
- Advised students on program curricula and career decisions.
- Worked as Staff advisor for The Institution of Engineers (I) Students Chapter.
- Organized various activities such as Technical Lectures, Workshops, seminars, Technical visits, Competitions (Quiz, Poster, Essay etc.), Alumni Meet, Group Discussion, Video shows etc.
- Arranged Continuing Education Programs
- Elected as Council Member, as a Representative of Staff advisor of All Engineering Colleges / Polytechnics, for All India Students Committee under The Institution of Engineers (I).

**Deputation to CANADA****2005 - 2008****for Further Studies and Research Work.**

- Post Graduate Diploma in **Steel Construction ( Gold Seal Certification from Ontario General Contractors Association, Canada ) – George Brown College, Toronto, CANADA**
- Post Graduate diploma in **Construction Estimating and Project Management from George Brown College, Toronto.( CANADA)**
- Course in Interior Design for the Home - **University of Toronto , Canada.**
- Studied work culture /Ethics , Construction and Project Management of Building construction in Toronto ( Canada )

**Seminars / Conferences attended at Toronto ( Canada):**

1. Attended Conference and Exposition on “ National Green Building ” Nov.29-30, 2006 at Metro Toronto Convention Centre, South Building, Toronto. Canada.
2. Seminar on “Tall Towers – Are they a Necessary Evil for the Evolution and Growth of a City”, Nov.29 , Metro Toronto Convention centre, Toronto, Canada.
3. Seminar on “Green Buildings, Building Environment and Performance”, Nov.30, 2006 at Metro Toronto Convention Centre, Toronto, Canada.
4. Exhibition attended: Construct Canada: Nov.29 – Dec.01,2006 – Canada’s largest Annual Building Design and Construction Show
5. Attended 6<sup>th</sup> Annual International Architectural Round Table, Nov. 28, 2007, Metro Toronto Convention Centre, South Building, Toronto.  
“ New Perspectives : Strengthening Healthy Cities”.
6. Exhibition attended: Construct Canada: Nov.28 – Nov.30, 2007 – Canada’s largest Annual Building Design and Construction Show.
7. Attended Conference on “ National Green Building”. Nov.29 /30, 2007, Metro Toronto Convention Centre, Toronto, Canada.

**Lecturer in Applied Mechanics Department****21.10.1999 - 22.11.2001**

Government College of Engineering, Amravati (M.S.), India

- Taught various subjects related to Civil Engineering - Strength of Materials, Design of Structures, Applied Mechanics, and Reinforced Cement Concrete.
- Prepared teaching materials, teaching and lesson plans and outlines for courses.

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- Taught students using lectures, demonstrations, discussion groups, Models and power point presentation. Prepared, administer and mark tests and papers.
- Advised students on program curricula and career decision.

### **Structural Design Engineer**

**01.02.1995 – 15.10.1999**

Thinet International, Riyadh, **Saudi Arabia.**

- Worked as Structural Engineer on US \$ 180 million Project for construction of 549 Housing Units for Yanbu Petrochemical Company's Home Ownership Program (Phase I and II) in Yanbu.
- Responsible for analysis and design of Residential Buildings, Commercial Structures, Warehouses.
- Checked reinforcement and quality of work with respect to specification and approved drawings.
- Provided technical support to various departments or outside contractors entrusted with construction. Prepared Shop drawings, Working drawings and as built drawings.
- Inspected construction site to monitor progress and ensure conformance to engineering plans, specifications and safety standards.

### **Structural Design and Civil Engineer**

**01.05. 1991 - 30.01.1995**

Isam Kabbani & Partners Co. Dammam, **Saudi Arabia**

- **Worked on US \$ 200 million Project for Construction of 300 no. Modular Homes including landscaping, Parking, Mosque, for Saudi ARAMCO, Dhahran, Saudi Arabia.**
- Structural Analysis and design of Buildings, Preparation of shop / working drawings.
- Preparation of bar bending schedule. Estimation, Site Inspection and supervision,
- Responsible for quality control during construction and Project co-ordination.
- Execution / Supervision of civil works with due care and quality maintained in reference to specifications. Control manpower and progress as per schedule.
- Prepared shop drawings and Material submittals.
- Waterproofing of Residential / Industrial Buildings.
- Responsible for resolving technical problems related to engineering and architectural construction details and quality control.
- Planning of material procurement, and coordination with the suppliers.
- Coordination / interaction with clients, consultants and subcontractors on technical execution of the works.
- Extensive coordination with internal departments and external agencies as required.
- Assisted in Departmental Administration.

## **EDUCATION**

- **Ph.D (Civil Engg.), Jadavpur University, Kolkata, India, 2015**
- **Master of Civil Engineering (Major in Structural Engineering)**  
M.S. University of Baroda, India, 1991
- **Bachelor of Civil Engineering (B.E.), Amravati University, 1989**
- **Diploma in Civil Engineering, Government Polytechnic, Amravati, 1986**
- **Masters in Business Administration (M.B.A), Newport University, CA, USA, 1993**
- **Diploma in Steel Construction ( Gold Seal Certification from Ontario General Contractors Association, Canada ) – George Brown College, Toronto, CANADA, 2007**
- **Course in Construction Estimating from George Brown College, Toronto.(CANADA), 2008**
- **Course in Interior Design for the Home - University of Toronto , Canada, 2006**
- **Chartered Engineer (India). M127495 -8**

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## PROFESSIONAL DEVELOPMENT

• Recent Development in Testing of Construction Materials.	• Earthquake Resistant Design of Buildings.
• STAAD – Pro and AutoCAD	• Construction Project Planning and Scheduling.
• Induction Phase- I and Phase- II	• M.S.C.I.T
• Industrial Training for Engineering Teachers	• Teaching methodologies
• Construction Estimating	• Interior Design for Homes

## RESEARCH WORK

- Engineering properties of Blast Furnace Slag based Alkali-Activated Composites
- Role of Admixtures in relation to strength, workability and high early strength of concrete.
- Learning from Failures.

## RESEARCH INTEREST

- ❖ Alkali-Activated / Geopolymer Composites.
- ❖ Special concretes – Self Compacting Concrete, High Performance Concrete, Fiber Reinforced Concrete, High Strength Concrete.
- ❖ Non Destructive Testing of Concrete.
- ❖ Repair, Rehabilitation and Retrofitting of Structures.

## PUBLICATIONS

**Published more than 15 papers in highly reputed refereed Journals including ASTM International, Springer, ICE publishing etc.**

## OUTSTANDING ACHIEVEMENT IN CAREER

- Honored with “**Eminent Engineer Award**” in 2004 by The Institution of Engineers (I) for the most devoted and outstanding work in the field of Technical Education.
- Elected as Council Member, as a Representative of Staff advisor of All Engineering Colleges / Polytechnics, for All India Students Committee under The Institution of Engineers (I).
- University merit in Bachelors degree in Civil Engineering.

## MEMBERSHIP OF PROFESSIONAL BODIES

- Member of The Institution of Engineers (I). M127495-8
- Life Member of Indian Society of Technical Education. LM 40924
- Life member of Indian Society of Earthquake Technology LM 1196
- Life member of Indian Concrete Institute. LM 7636
- Member of American Concrete Institute.
- Life member of Indian Waterworks Association LM – 4736

## PERSONAL DETAILS

Date of Birth: 25 Dec. 1968, Place of Birth: Amravati ( India)  
 Permanent Address: Behind Salt Factory, Aseer Colony, Walgaon Road, Amravati ( M.S.), India 444604

**REFERENCES AVAILABLE UPON REQUEST**