

**Identification**

*Name:* Rajendra Kumar Varma

*Date of birth:* 1 July 1981

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**Academic degrees**

- Graduation: Civil Engineering from Dept. of Civil Engineering, Indian Institute of Technology Guwahati, India, 2005. *Dissertation:* "Dynamic analysis and design of three dimensional multistory building."

**Employment**

- Young researcher in Department of Civil Engineering University of Minho, since September 2005
- MCM Scholarship from IIT Guwahati from July 2001 to April 2005

**Main scientific area of research**

- Modeling of RC cross-sections for monotonic and cyclic loading
- Numerical modeling of RC using three dimensional fiber model for beams

**Other scientific areas of interest**

- Software in C++ language for pre- and post-process of the data and results from finite element programs
- Performance assessment of structural FRP strengthening technique using optical fiber sensors.

**Publications**

- 1 oral presentation in International Seminar
- 6 technical reports

**Other relevant technical and scientific activities**

- Event organizer of GIS Workshop at All India Technical Festival "Techniche" 2003 - the IIT Guwahati Tech fest
- Served as Welfare and Development secretary of Association of Civil Engineers at student grade