

Vishal Verma

M.Tech Environmental Engineering
B.Tech Civil Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech	Indian Institute of Technology, Guwahati	8.92	2016
B.Tech	National Institute of Technology, Hamirpur	7.56	2014
Senior secondary	CBSE board	85%	2010
Matriculation	HPBSE board	87%	2008

EXPERIENCE

- **Intern at NTPC**
45 days internship at Kol Dam Hydropower Project and submitted a report *May 2013 - July 2013*

PUBLICATIONS

- **Presented a poster on 'Water Pollution from a Solid Waste Dumping Site'** *TEQIP 2015*
- **Delivered a lecture on use of CFD in research related to air pollution** *TEQIP 2016*

PROJECTS

- **Numerical simulation of effects of natural ventilation on indoor air pollution of buildings next to a street canyon**
Prof. Sharad Gokhale, Dept. of Civil Engg., IIT Guwahati *April 2015 - July 2016*
Simulated the pollutant dispersion in a street canyon using CFD
- **Water quality assessment of a wetland** *Jan 2015 - May 2015*
Dr. Ajay Kalamdhad, Associate Professor, Dept. of Civil Engg., IIT Guwahati
Analysed the water quality parameters of a wetland
- **Simulation of effects of various forces on water tank** *June 2013 - April 2014*
Dr. K. Nallasivam
Graphical interface to share files over institute's network
- **Digitisation of a physical map using ArcGIS** *Nov 2015*
Sh. Chandra Prakash

TECHNICAL SKILLS

- **Programming languages** : C/C++*
 - **Web technologies** : HTML*
 - **Softwares** : ANSYS, Latex, MS-Office, STAAD-Pro, Autocad, Adobe Photoshop
 - **Operating system** : Windows, Linux*
- * Elementary proficiency*

KEY COURSES TAKEN

- Water and Wastewater treatment
- Air Quality Modelling
- Fluid Mechanics
- Industrial water pollution
- Numerical Methods
- Solid Waste Management

EXTRA CURRICULAR AND ACHIEVEMENTS

- Web Designing course of 45 days
- NCC Cadet
- Secured state-wide 51st position in matriculation examination
- Active Blood donor
- Attended a 10-days speaking course on Sanskrit

