

# KRISHNA NAND RASTOGI

Assistant Professor

Department of Computer Science, School of Technology  
Doon University, Dehradun, Uttarakhand-248001

Phone: +91- 8954925422 | Email: krishrastogi3@gmail.com | URL: <http://www.knrastogi.webs.com/>

## CAREER OBJECTIVE

To pursue a challenging career and be a part of progressive organization that gives me scope to enhance my knowledge, skills and reach the pinnacle in the field with determination, dedication and hard work.

## PERSONAL INFORMATION



303, Offices, Doon University, Dehradun, Uttarakhand-248001

+91-8954925422

[krishrastogi3@gmail.com](mailto:krishrastogi3@gmail.com)

[krish.rastogi](#)

<http://www.knrastogi.webs.com>

Sex Male | Date of birth 12 May 1986 | Nationality Indian | Passport No: M7277392

## RESEARCH INTERESTS

--Cloud Computing

-- Virtualization

--Big Data Analytics

--Green Computing

## EDUCATIONAL PROFILE

Aug 2013– Present

PhD (Pursuing) in Computer Science, G B Pant Engineering College, Pauri-Garhwal, Uttarakhand, India  
Research Areas: Cloud Computing, Green Computing, Big Data Analytics  
Advisor: **Dr Priti Dimri**

July 2007– June 2010

M.C.A, Babasaheb Bhimrao Ambedkar University, (A Central University), Lucknow, India  
Specialization: Advance Database, Artificial Intelligence  
Percentage: 74.35 (Rank: **2 out of 30**)

July 2004 – June 2007

BSc in Information Technology, Makhanlal Chaturvedi University, Bhopal, India  
Percentage: 74.85

## ACADEMIC EMPLOYMENT

Aug 2014-Present

Assistant Professor, School of Technology, Doon University, Dehradun

Aug 2013-Aug 2014

Teaching Assistant, Department of Computer Science, G B Pant Engineering College, Uttarakhand

## INDUSTRIAL EXPOSURE

Apr 2011-Aug 2013

Food Corporation of India, South Zone, Bangalore Region

Position: AG III (Depot)

Responsibilities: Food Grain Warehouse Management & Logistics

July 2010- March 2011

Silicon India, Bangalore, India,

Position: Software Engineer

Responsibilities: Software Development in PHP, MySQL and Web Technologies

## PROGRAMMING SKILLS

**Languages:** C, C++, Java

**IDEs:** Eclipse

**Simulators:** CloudSim, NS2, QualNET, OPNET

**Cloud Tools:** OpenStack, CloudStack, Eucalyptus, Google App Engine

**Databases:** Oracle, MySQL, NoSQL (CouchDB, MongoDB, Neo4J, Couchbase)

**Analysis Tools:** R, Hadoop, Weka, Orange

**Platforms:** Windows, Linux(Ubuntu, RedHat)

**Applications:** MATLAB, Octave,  $\text{\LaTeX}$ , Scilab

## TEACHING

**Assistant Professor , School of Technology, Doon University, Dehradun, Uttarakhand (2014-Present)**

Aug 2014-Dec 2014	STM-503: Computer Fundamentals
	<b>Course Page:</b> <a href="https://piazza.com/doon_university/summer2014/stm503/home">https://piazza.com/doon_university/summer2014/stm503/home</a>
Aug 2014-Dec 2014	STM-502: Mathematics-I (Engineering Mathematics)
	<b>Course Page:</b> <a href="https://piazza.com/doon_university/summer2014/stm502/home">https://piazza.com/doon_university/summer2014/stm502/home</a>
Jan 2015-June 2015	STM-512: Computer Organization and Architecture
	<b>Course Page:</b> <a href="https://piazza.com/doon_university/spring2015/stm512/home">https://piazza.com/doon_university/spring2015/stm512/home</a>
Aug 2014-Dec 2015	STM-511: Mathematics-II (Discrete Mathematics)
	<b>Course Page:</b> <a href="https://piazza.com/doon_university/spring2015/stm511/home">https://piazza.com/doon_university/spring2015/stm511/home</a>
Aug 2014-Dec 2015	STM-513: Object Oriented Programming with C++
	<b>Course Page:</b> <a href="https://piazza.com/doon_university/spring2015/stm513/home">https://piazza.com/doon_university/spring2015/stm513/home</a>

**Teaching Assistant, Department of Computer Science, G B Pant Engineering College, Uttarakhand (2013-2014)**

Aug 2013-Dec 2013	TCA-743: Cryptography and Network Security
Feb 2014- June 2014	TCA-523: Operating System Concepts
	<b>Course Page:</b> <a href="https://piazza.com/g_b_pant_engineering_college/spring2014/tca523/home">https://piazza.com/g_b_pant_engineering_college/spring2014/tca523/home</a>

## PUBLICATIONS

### Journal Papers

- **Krishna Nand Rastogi**, Priti Dimri, Jitender Sehgal. “e-GiMod: Modeling an Information Highway for Cost Effective and Efficient e-Governance in India using Open Source Cloud Computing Services”, International Journal of Advance Research in Computer Science and Software Engineering, Jan 2014
- Krishna Kumar Singh, Priti Dimri and **Krishna Nand Rastogi**. “Implications of Big Data in Indian Stock Market”, International Journal of Computer Applications, August 2014

## PROFESSIONAL ACTIVITIES

### Workshops/Seminars/FDP/Webinars/Short Term Courses/MOOCs & Trainings

#### Short Term Courses/FDP/Workshop Attended

- One Week Short Term Course on **Digital Signal & Image Processing** at Jaypee University of Engineering and Technology, Guna from July 5<sup>th</sup> to 10<sup>th</sup> 2010.
- One Week Short term Course on **Eco-Technology for Sustainable Development** at G B Pant Engineering College, Pauri from Oct 21<sup>th</sup> to 25<sup>th</sup> 2013
- Five Days National Workshop on **Challenges in Big Data Research** at Malviya National Institute of Technology, Jaipur from Nov 9<sup>th</sup> to 13<sup>th</sup> 2013
- One Week Short term Course on **Advancements in Cloud Computing** at G B Pant Engineering College, Pauri from May 27<sup>th</sup> to 31<sup>st</sup> 2014
- One Week Short term Course on **HADOOP and Its Applications** at G B Pant Engineering College, Pauri from Apr 21<sup>st</sup> to 25<sup>th</sup> 2015

#### MOOCs/Online Courses

- Certificate of Completion of Power Searching with Google Course in July 2012
- Certificate of Accomplishment in Design of Computer Programs-Programming Principles (CS-212) from Udacity in June 2012
- Certificate of Accomplishment in Web Application Engineering-How to Build a Blog (CS-253) from Udacity in June 2012
- Statement of Accomplishment in Cryptography from Coursera in June 2012
- Statement of Accomplishment in Computing for Data Analytics from Coursera in October 2012
- Statement of Accomplishment in Web Intelligence and Big Data from Coursera in November 2012

## PROFESSIONAL MEMBESHIPS

Member of ACM (Association of Computer Machinery)

## AWARDS & FELLOWSHIP

UGC NET Qualification for Assistant Professor  
TEQIP-II Fellowship for pursuing PhD (Computer Science) at G B Pant Engineering College, Pauri-Garhwal, Uttarakhand.

## REFERENCES

**Dr Priti Dimri** , Associate Professor & Head  
Department of Computer Science & Applications,  
**G B Pant Engineering College, Pauri-Garhwal, Uttarakhand**  
Phone: +91-8475894505 | Email: pdimri1@gmail.com

**Dr Vipin Saxena**, Professor  
Department of Computer Science,  
**Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow**

**Dr Ashish Negi** , Associate Professor  
Department of Computer Science & Applications,  
**G B Pant Engineering College, Pauri-Garhwal, Uttarakhand**  
Phone: +91-9760135803 | Email: ashish.ne@gmail.com

---