CURRICULUM VITAE



RAVI KUMAR CHOUDHARY
ASSISTANT PROFESSOR
CIVIL ENGINEERING DEPARTMENT
ROORKEE INSTITUTE OF TECHNOLOGY
(RIT) ,(NAAC A ++) ROORKEE, 247667
Ph: 7017940478/9719768753
Email:ch.ravi00004@gmail.com
ravi007.1866@rediffmail.com
Designation: Assistant Professor

OBJECTIVE

To work hard with full dedication for achievement of the organization objective under a satisfying job contact, hence enhancing my skills and knowledge, at the same time learning new things.

CAPABILITIES

- Leadership qualities
- Good Communication & Presentation skills
- Get along with a team
- Positive outlook.
- Better understanding of basic engineering principles.
- Believe in deliver and delivering in time.

EDUCATIONAL QUALIFICATION

- Completed Master of Technology in Civil Engineering from DR. Abdul Kalam Technical University, Lucknow with 70.2% in 2018.
- Completed Bachelor of Technology in Civil Engineering from Swami Vivekanand Subharti University, Meerut with 74.8% in 2014.

JOB EXPERIENCE

***Total Experience*: 5 years**

Roorkee Institute of Technology (RIT), Roorkee, U.K (NAAC A ++)

- 12th Aug 2019 to Present **(4 years)**

Translam Institute of Technology & Management (TITM), Meerut, U.P

- 2th Aug 2018 to 4th August 2019 **(1 Year)**

AREA OF SPECIALIZATION

- Water Supply Engineering
- Waste Water Engineering
- Geology & Surveying
- Ground Water Quality Improvement

Subjects Taught

- Engineering Geology
- Water Supply Engineering
- Railway Engineering
- Waste Water Engineering
- Surveying

RESEARCH WORK/ PAPER PUBLISHED

- Kumar Rahul, Ranjit, Tinku Biswas, Amrendra Kumar, **Ravi Kr Choudhary** and Ajay Singh. "Reliability Analysis of Circular Footing by Cubist, MARS and ANN PSO" International Conference on Intelligent Computing and Research Trends, IEEE Xplore,2023 (Scopus)
- **Ravi Kr Choudhary**, Ajay Singh, Pankaj Kumar. "Rural Buildings and their Technical Concerns – A Case Study" International Conference on Intelligent Computing and Research Trends, IEEE Xplore,2023 (Scopus)
- Ajay Singh, Dr. Amrendra Kumar, Ayush Sangal, **Ravi Kr Choudhary**. "Cost and Quality Management in Buildings." *International Research Journal of Engineering and Technology*, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 09 Issue: 06, Jun 2022 **(Impact Factor: 7.529)**
- **Ravi Kr Choudhary**, Ajay Singh. "Importance of Geotechnical Aspects in Building Planning and Construction" International Conference on Innovative Research in Applied Science & Engineering, 20-21 Feb 2021
- Ajay Singh, Swati Dhiman, **Ravi Kr Choudhary**. "Building Project Execution Challenges and Some Remedial Measures." *International Research Journal of Engineering and Technology*, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07 Issue: 05, May 2020 **(Impact Factor: 7.529)**
- **Ravi Kr Choudhary**, Dr. Sourabh Maheshwary, Manoj Kumar. "Scope of Cloud Seeding in India." *International Journal for Research in Applied Science & Engineering Technology* ,ISSN: 2321-9653; Volume 6 Issue IV, April 2018. **(Impact Factor: 6.887)**

PATENTS PUBLISHED

- TITLE- Soil mapping and reflectance measurements using Machine Learning.

  APPLICATION NO: 202211040953

  PUBLICATION DATE: 29/07/2022

  Controller General Of Patents, Designs And Trademarks, Department Of Industrial And Promotion Ministry Of Commerce And Industry (Government of India)

- TITLE- Risk Management Platform for Air Pollution.

  APPLICATION NO: 202211040951

  PUBLICATION DATE: 29/07/2022

  Controller General Of Patents, Designs And Trademarks, Department Of Industrial And Promotion Ministry Of Commerce And Industry (Government of India)

FDP's & SEMINARS

- One week **"**Faculty Development Program on "Affordable Housing in Disaster Prone Areas" conducted by **NITTTR Chandigarh.**
- 5 days Short Term Training Program "Engineering Material Testing" conducted by **NITTTR Chandigarh a**t IRDT Dehradun.
- **A** Seminar on "Work-Life Balance: Needs, Challenges and Measures" at IPEM, Ghaziabad.
- 5 days ATAL FDP on "Experiential learning in Geotechnical Engineering"at Visvesvaraya National Institute of Technology**.**
- 5 days Short term course on "Advances in Geotechnical and Geo-environmental Engineering (AGGE)" conducted by NIT Patna in association with IGS Patna Chapter.

MTECH SEMINAR AND THESIS:

SEMINAR : Assessment of Various Characteristics of Waste Water.

THESIS : Evaluation of Physico-Chemical Parameters of River Ganga.

PROFICIENCY IN COMPUTING TOOLS

Operating System	:	Windows, Linux
Office Package	:	MS Office
Analysis & Design package	:	AUTOCAD, C PROGRAMING, STAAD, SAP.

ACHIEVEMENTS

1. Working as coordinator of Course File for NAAC (RIT achieved **NAAC A^{++}**)
2. Mentorship in **Start-up Conclave** 2021
3. Cleared **NPTEL** Course 2020
4. Qualified **National Eligibility Test (NET 2018)**
5. Qualified **GATE** in 2014
6. Qualified **All India Engineering Entrance Examination** (AIEEE-2010)
7. Qualified **Uttar Pradesh State Entrance Examination** (UPSEE-2010)

LANGUAGES

- **English** - Read, Write, Speak
- **Hindi** - Read, Write, Speak

PERSONAL PROFILE

Father's Name	:	Dhanveer Singh Choudhary
Date of Birth	:	09-09-1991
Address	:	Krishna Nagar, Roorkee, Uttrakhand, 247667
Nationality	:	Indian
Marital Status	:	Married
Blood group	:	B+
Hobbies	:	Meditation, Yoga, Reading, Travelling and Watching Cricket.

REFERENCES

Prof. Ajay Singh
HOD (Ex-Chief Scientist, CBRI, Roorkee)
Department of Civil Engineering
Roorkee Institute of Technology,Roorkee
Mobile: 7055106023
Email:hodce@ritroorkee.com

Prof. M.P.S Chauhan
Professor (Director)
Department of Civil Engineering
G.B Pant Engineering College, Pauri Garhwal
Mobile: 9760316224
Email:mpschauhan@gmail.com

DECLARATION

I hereby declare that all the information provided above is true to the best of my knowledge.

RAVI KUMAR CHOUDHARY