

# RESUME



**ROCHAK PANDEY**

**Assistant Professor**

**Department of Civil Engineering**

**School of Engineering & Technology**

**Guru Ghasidas Central University Bilaspur (C.G) 495009**

## ACADEMIC ACHIVEMENTS

QUALIFICATION	INSTITUTE/UNIVERSITY/BOARD	YEAR OF PASSING
<b>M .Tech.(Honours)</b> (Construction Technology And Management)	N.I.T.T.T.R Bhopal (National Institute of Technical Teacher's Training And Research)	2016
<b>B.E. (Civil Engineering)</b>	Chhattisgarh Swami Vivekananda Technical university(C.S.V.T.U.),Bhilai	2014
<b>H.S.S.C</b>	C.B.S.E	2010
<b>S.S.C</b>	C.B.S.E	2008

## TECHNICAL PROFICIENCIES

- AutoCAD (2010)
- Primavera (ORACLE)
- MS office Word & Excel

## RESEARCH WORKS

### ➤ M. Tech Dissertation

**Project Title:-**“Investigation of optimum partial replacement of cement in concrete with waste marble dust in conjunction with super plasticizers”

**Summary:-**Replacement of cement by waste marble dust and by mixing super plasticizer performances of the M20 grade concrete were analysed.

### ➤ B.E Dissertation

**Project Title:-**“Repairing of cracks in structures with different construction techniques”

**Team Members:-**4

## RESEARCH PUBLICATIONS / CONFERENCES

### ➤ Research Paper published: (05)

1. “*Optimum Partial Replacement Of Cement In Concrete With Waste Marble Dust In Conjunction With Super Plasticizer*” Published in IJESRT 5(8) August 2016, I.F-4.116.
2. “*Evaluation Of Strength Of Concrete On Optimum Use Of Fly Ash, Rice Husk Ash And Super Plasticizer In Nominal Mix*” Published in IJIRSET 5(9) September 2016, I.F-6.209.
3. “*An Experimental Study of Jute Fibre Reinforced Concrete by Partial Replacement of Cement with Fly ash with addition of super plasticizer*” Published in IJIRSET 5(10) October 2016, I.F-6.209.
4. “*Scope of producing concrete by replacing cement with marble dust & doping super plasticizer*” Published in IRJET 4(6) June 2017, I.F-5.181.
5. “*Progressive improvements in basic Intensity-Duration-Frequency curves deriving approaches: A review*” Published in IRJET 4(6) June 2017, I.F-5.181.

### ➤ Conferences : (01)

1. Presented a scientific paper entitled “ *Strength parameters of partially replaced cement concrete with rice husk ash*” in International Conference on Engineering Science & Technology at Techno-A-Tech 2018 , Chouksey Engineering College, Bilaspur (C.G)

## PROFESSIONAL EXPERINCES / ACHIVEMENTS

- Worked as Assistant professor (Temporary) in Guru Ghasidas Central University, Bilaspur since February 2017 & have work experience of 3 years.
- Co-guided B Tech. students in Minor project & Major project work in session 2017-18, 2018-19 & 2019-20 in Guru Ghasidas Central University, Bilaspur
- Co-ordinated B Tech. 1<sup>st</sup> year students in the session 2019-20 at Department level in Guru Ghasidas Central University, Bilaspur.
- Achieved 83.95& 87.21 percentile score in Theory & Practical Classes respectively (Both Grade A) in an yearly departmental feedback for the session 2018-19, Certified by IQAC cell ,Guru Ghasidas Central University, Bilaspur.

## PROJECTS GUIDED

### ➤ Under Graduate Programs (B Tech.) :- (Major/Minor projects)

- Strength Development Of Soft Soil Stabilized With Waste Paper Sludge.
- Study on Partial Replacement of Cement by Rice Husk Ash in M 20 Grade Concrete.
- Experimental Investigation of Concrete by Partial Replacement of Cement with Ceramic Powder & Metakaolin and Fine Aggregate with Brick Dust.
- Effect of Aggregate size & Addition of Fly Ash on properties of Self-Compacting Concrete.

## CO-CURRICULUM/EXTRA-CURRICULUM HIGHLIGHTS

- Participated in Bridge weight structural graduation level competition at Tech Fest.
- Awarded with first prize in Technical model competition at graduation level competition.
- Co-ordinated events in graduation level.
- Hobbies: Playing Cricket, Table tennis, Football, Volleyball, Travelling.
- Interested in: Learning, Teaching, Research Works, Content writing, Creative works

## STRENGTHS

- Building social and professional network.
- Confidence, intellectuality
- Diligence, Dedication, Commitment.
- Co-ordination, Punctuality, Sincerity.

## PERSONAL DETAILS

**Name:** Rochak Pandey

**Father's Name:** Dr. Devesh Pandey

**Mother's Name:** Mrs Rita Pandey

**Date of Birth:** 2<sup>nd</sup> December 1992

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Place: - Bilaspur

Date:



Rochak Pandey