



# ANSHUMAN SHUKLA

Masters in Technology

Disaster Mitigation and Management

Indian Institute of Technology, Roorkee

Bachelors in Architecture

B.Arch

Faculty of Architecture, GBTU,

Lucknow

## CURRENTLY WORKING AS

Post: **CEO/ Founder** in “TESRA ( Total engineering solution & Risk Assessment)” [[www.tesra.co.in](http://www.tesra.co.in)]

Office Location: Ghaziabad (UP) and Dehradun (Uttarakhand)

## WORKED AS RESOURCE PERSON

- **NIDM:** National Institute of Disaster Management since 2017 on Retrofitting Techniques and Advance Disaster Management Tools.
- **FICCI:** on Industrial Safety Audit and Industrial dynamic Disaster Management System in June 2018
- **NFL:** National Fertilizer Limited, Nangal Unit, Punjab
- **IIT Roorkee:** Indian Institute of Technology Roorkee in 2019
- **NDRF:** National Disaster Response Force in December 2015 on Rapid Visual Screening of Buildings
- **UNDP & UN-Habitat** in 2019 for Kerala Floods
- **Tripura Government** in 2019 on Dynamic Disaster Management Plan.
- Caritas India, in 2018
- Private & Government Technical Colleges since 2015

## WORKED AS CONSULTANT

### Disaster Mitigation and Management Projects like

1. Condition Mapping and Structural Risk Assessment of existing 654 built structures above proposed underground Railway Tunnel
  - A project of Western Railway
  - Client: JV of SSNR
  - Duration: 2018 to 2021
  - Location: Pithampur, Indore, MP.
2. Disaster Risk Assessment of State Uttarakhand
  - A Project of World Bank and Uttarakhand Govt
  - Client : JV of DHI Singapore, AIT Bangkok, ERN Maxico
  - Duration: Nov 2016 to Sep 2018
  - Experience of 27000 Building Vulnerability Assessment
  - State Industrial Risk Assessment
  - 12000 Flood Vulnerability Assessment
  - 13000 Socio Economical Assessment
  - 12500 Critical Infrastructure Survey
  - 54 Gram Panchayat level Survey

Contact :

+91 -81 711 56 177

Email :

[anshushukla1212@gmail.com](mailto:anshushukla1212@gmail.com)

# ANSHUMAN SHUKLA

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## WORK HISTORY

3. Multi Hazard Risk Assessment of 104 Schools in Haridwar and Dehradun Districts, Uttarakhand.
  - A Project of SEEDS India
  - Client : SEEDS India
  - Duration: Dec 2018 to Mar 2019
4. Retrofitting Analysis & Design of Clock Tower and 110 year old Nagar Nigam Building of Dehradun
  - A Project of BRIDCUL and Uttarakhand Govt
  - Client : BRIDCUL and TCS
  - Duration: May 2017 to Oct 2018
5. Sensitization and Demo Unit Construction for Earthquake and Landslide for the Government
  - A Project of Caritas India and State Government
  - Client : Caritas India and Anugayalay
  - Duration: Jan 2018 to April 2018
  - Location: Darjeeling, Kalingpong and Sikkim
6. DPR preparation for Earthquake retrofitting in 22 School buildings in Rudraprayag district, Uttarakhand
  - A Project of World Bank
  - Client : BRIDCUL and TCS
  - Duration: Dec 2017 to Dec 2018
7. Non Structural Retrofitting of 400 Schools in Rudraprayag and Bageshwar Districts of Uttarakhand
  - A Project of Uttarakhand Government
  - Client : USDMA and TCS
  - Duration: Feb 2017 to Sep 2017
8. Masons Training Program on Earthquake Resistant Construction Techniques
  - Supported by Uttarakhand Government and UK Govt
  - Client : USDMA in Uttarakhand and in UP by CSR
  - Duration: Nov 2018 to Dec 2018
  - Experience of training more than 1500 Masons
9. Hospital Safety Audit, Noida
  - A Project of DMMC Noida
  - Client : DMMC Noida
  - Duration: Mar 2017 to Sep 2017
10. Crowd Management System for pilgrims of Kaawad Mela 2017
  - A Project of Uttarakhand Government
  - Sponser by : Patanjali
  - Duration: Feb 2017 to Aug 2017
  - Inaugurated by Hon'ble Chief Minister of Uttarakhand, Mr. Trivendra Singh Rawat

## AREA OF INTEREST

- Earthquake Resistant Construction
- Disaster Mitigation & Management
- Risk Analysis & Assessment
- RVS & Retrofitting
- Structural Design & Analysis
- Pre cast construction uses and innovation for pre and post Disaster
- Project Planning and Management
- Architecture

Contact :  
+91 -8171156177

Email :  
anshushukla1212@gmail.com

# ANSHUMAN SHUKLA

## OUR NGO

### Sahayog India Foundation,

An initiative of IITians  
Post: Founder/National  
Secretary

[www.sahayogindia.com](http://www.sahayogindia.com)



## OUR FIRM

### TESRA

Total Engineering  
Solutions and Risk  
Assesment  
Post: Director/ Co-  
founder

[www.tesra.co.in](http://www.tesra.co.in)



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## WORK HISTORY

### Architectural Project:

1. Food Factory Design in Roorkee
2. Residential Project as Chief Architect in Bareilly, Lucknow, Roorkee, Delhi
3. Khandelwal's Commercial Projects as Chief Architect in Bareilly.
4. 'Prakash Piazza' Mall Design as Chief Architect in Roorkee
5. City Beautification Project at Roorkee, as chief Architect
  - Welcome Stone to Roorkee
  - Road side Mural Design at Ram Nagar, showing cultural of Uttarakhand
  - Road side Mural Design, near IIT Roorkee main gate, showing Char-Dham
  - Ganesh Pul diversion design
  - Maharana Pratab Crossing/park design, near Century gate, IIT Roorkee
  - Sonalipuram Park Design, Roorkee
  - Road Side Design, Boat Club, Roorkee
6. 18 Acres Colony Design of Navan Infrastructure Groups as Chief Architect at Lucknow
7. Retrofitting analysis & execution of a bungalow at Vasant Vihar, Dehradun
8. Hospital Project as Chief Architect,
  - Medi-City Hospital, Bareilly
  - Nursing Home in Bareilly
  - Sanjeevani Hospital in Dehradun
9. Interior Design Projects of
  - Bar Interior in Lucknow
  - Hair Transplant Clinic 'Revert' in Dehradun
  - Apartments Interior at AArogyam Roorkee
10. School Design Project, as Chief Architect
  - Kindergarten of Delhi Public School (DPS), Roorkee
  - Senior Secondary School, Laksar
  - Sports Complex, DPS Roorkee
11. Resort Design Project, as Chief Architect at Kempty Lake, Mussoorie
12. Logo Design for City Roorkee "My City My Pride"
13. Landscape Project at Delhi Public School, Roorkee

## PUBLICATION

Book Title: Retrofitting Techniques for Disaster Resilient Structures

Author: Anshuman Shukla and Shivani Chouhan

Publication: Axis Publication

# ANSHUMAN SHUKLA

## EXPERIENCE OF WORKING WITH



UN@HABITAT  
FOR A BETTER URBAN FUTURE

