



**Dr. Madhu Sharma**

**Contact Detail**

**Office:** 3<sup>rd</sup> Floor Block D Civil Engineering Department

**Email:** gautamadhu@gmail.com

**Qualification:**

- ✓ PhD (Structural Engineering)
- ✓ M.E. (Structural Engineering)
- ✓ B.E. (Civil Engineering)

**Research Interest:**

- ✓ Limit Analysis & Analytical & Numerical Modelling of Engineering Structures.

**Experience**

- ✓ Academic/Teaching: 11 years as a Assistant Professor
- ✓ Industry: 2 years as a Assistant Structure Engineer

**Publications:**

No of publication (Journal)	4
No of Publication (Conference)	2

**Short Term courses/Workshops/Conferences organized:**

<i>Sr. No.</i>	<i>Details of workshop</i>	<i>Organized at</i>	<i>Organised as</i>	<i>Sponsored by / Self Sponsored</i>
1	Workshop Spoken Tutorial	JNGEC	Coordinator	TEQIP-II
2	National Conference Innovation without Limit in Civil Engineering	JNGEC	General Secretary	TEQIP-II
3	FDP Outcome based accreditation for undergraduate programme	JNGEC	Coordinator	TEQIP-III
4	FDP Life skill development 2-week	JNGEC	Coordinator	TEQIP-III

	AICTE Approved TEQIP-III Sponsored			
5	Workshop on urban infrastructure development	JNGEC	Convenor	TEQIP-III
6	Workshop on landslides issues and remedial measures	JNGEC	Convenor	TEQIP-III

**Consultancy work:**

1	Structure design of old age home sunder Nagar (HP)
2	Truss Roof design of Central Library Sunder Nagar (HP) Municipal Corporation
3	Design of frame structure, Food Corporation of INDIA MANDI division
4	Third party Inspection BBMB Sunder Nagar
5	"Structural drawing/design of girder Bridge on Shakelar to Tuman Road over Ghorli Khad at R.D0/315" H.P.P.W.D Karsog.Mandi
6	Proof checking Six Lane Bridge at Moradabad Over Ganda Canal of NHAI

**List of Short-Term courses/Workshops/Conferences attended:**

Urban Infrastructure Development	15/03/2017	JNGEC Sundernagar	Offline
OBE process and Accreditation process	6th Dec, 2017	PEC university	Offline
Landslides-Issues and Remedial Measu	24th Feb, 2018	JNGEC Sundernagar	Offline
Outcome Based Accreditation for Undergraduate Engineering Programs	12th -13th March 2018	JNGEC Sundernagar	Offline
Statistical Methods in Research Methodology	4th- 8th June, 2018	PEC Chd. & JNGEC	Offline
Active Learning	w.e.f. 25th – 29th June, 2018	IIT Indore	Offline
Earthquake Resistance Constructions in H.P.	28th-29th March 2019	HIPA and CBRI Roorkee at HIPA, Shimla	Offline
Earthquake resistant Construction Practices'	10th to 14th June, 2019	State Council on Climate Change, Shimla, HP & CBRI, Roorkee.	Offline
Latest Trends in Civil Engineering	7th Sep 2019	Dept. of Civil Engineering, JNGEC	Offline

		Sundernagar	
Life Skill Development	02-01-2020 to 11-01-2020	JNGEC Sundernagar, sponsored by TEQIP-III	Offline
Advances in Building Technology	1st to 5th june2020	CBRI Roorkee	Online
Hill Area Environment and Development with Focus on Earthquakes, Landslides and Floods	21st – 23rd October 2020	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Himachal Pradesh State Disaster Management Authority, Govt. of Himachal Pradesh	Online
Disaster Resilience infrastructure		UIT HPU Shimla	Online
Advanced construction technology		GJSCCET MR SPTU	Online
Revitalizing lifestyle through yoga		Tecahing training centre Ramanujan Collge	Online
Spatial planning for block Panchayat Development for state of Himachal Pradesh			Online
Advanced Pedagogy		NITTTR BHOPAL	Online

**Other Responsibilities:**

Departmental TPO Coordinator in Institution.
Screening Committee for Lab Technician for Civil Engg. Deptt.
Nominated as the faculty member from Civil Engg. Deptt. to listen the grievances of Civil Engg. Students
OIC Time table
Co-ordinator for Spoken Tutorial workshop
Opening/Technical Evaluation/Financial evaluation of tenders under TEQIP-II & TEQIP-III and state allotted budget (M&E)
Committee member for the conduct of interview for the post of Lecturer in CE on hourly basis
Appointment as Deputy Superintendent for engineering Examination.
Nodal Officer (Civil), TEQIP-II

Officer In-charge of Civil Engg. Deptt.
In charge for Alumni Association.
Committee member for conducting interview to fill the post of Lectures in Civil Engg. Deptt.
Election Duty as presiding officer
Ballot Paper Writing Officer for the election of Pradhan.
Departmental Coordinator (Training & Placement)
Committee member for Purchase matters to conduct by Civil Engg.
Assign different duty (NBA Accreditation Programme. OIC civil Engg. To conduct various activities.)
Consultancy Services to Power Grid corporation of India Ltd. Banala.
Convenor for Techno-Cultural Festival, TWASK
Committee member for Purchase committee for the purchase items for the workshop
Committee member for evaluate the tenders pertaining to provide canteen service
Member of Anti-Ragging Committees
Committee member for Library Committee
Committee member for conduct of Alumni Meet
OIC Class Room
Officer order for organize TEQIP-II FDP
Subject expert for preparing syllabus of B.Tech. Civil Engg. 5th ,6th 7th 8th Sem 2017
Anti-Ragging Committee member for session 2017-18
Committee member to Registration –cum-Counselling 2017-18
Committee member to inspect the Universal testing machine
Committee member to Transport Arrangement & TA/DA of Expert decoration of workshop.
Centre Superintendent for the conduct of MBA & MCA examination at Govt. Degree College, Una
Committee member to suggest amendments in consultancy rule
Nodal Officer in Electoral Literacy Club
Anti-Ragging Committee member for session 2018-19 of Dr.R. K.Raghwan Committee.
Chairman for prepare annual report of this institution.
Anti-Ragging Committee member for session
Committee member for Prize distribution cell TWASK-2019
Women Polling Staff appointed for Women Booths as PRO
Appointed for voter Awareness rally, Quiz etc.
Nodal Officer for Genral Election of Lok Sabha 2019.
Establishment and In-charge of Civil Software Lab
Committee member for AICTE related works at Institution.
Electors' verification works
Nodal officer for the establishment of TDU under SDMA

Officer Incharge Manson training
Chairman to prepare proposal to start MTech Course
Committee member for international conferences in collaboration with UTA.

**Delivered talks:**

1. Delivered lecture on “Codal Provisional for RC slab Design”, held on July 2020 to Engineers of ACC Cement on national level.
2. Delivered lecture in “Training of Masons, Carpenters and Bar Binders at Disaster Management Authority Bilaspur”, held on 4<sup>th</sup> Dec 2019 on the topic “Hazard Risk Resistant Construction”
3. Delivered lecture in “Training to JEs/Masons/Carpenters” for latest construction practices organized by Appropriate Technology Centre, Sundernagar.
4. Video lectures uploaded on You-Tube channel for Technical Subjects/ softwares ([https://www.youtube.com/channel/UCV\\_yI995iPjL3ydcGVzCEdQ](https://www.youtube.com/channel/UCV_yI995iPjL3ydcGVzCEdQ))