

Curriculum Vitae

Keshav Kumar Sharma

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ACADEMIC QUALIFICATION

Year of Passing	Degree/certificate	Institute, city	CPI/Percentage
2017 (Oct.)	Ph.D. (Civil Engg.)	MNNIT Allahabad	-
2014	M.Tech. (Structural Engg.)	MNNIT Allahabad	8.2/10
2012	B. Tech. (Civil Engg.)	Jamia Millia Islamia, New Delhi	6.69/10
2007	Intermediate	Aligarh Muslim University, Aligarh	67%
2005	High School	Tata Chem D.A.V Public School, Babrala, U.P	83%

AREA OF INTEREST

- Design of reinforced concrete structures
- Design of steel structures
- Structural Analysis
- Earthquake Engineering
- Building materials

SOFTWARE

- STAAD.Pro (Connect Edition)
- ETABS 18
- AUTOCAD 2015
- DEEPSOIL v6.0.
- SeismoSignal.
- MATLAB R2013a.
- ANSYS.

PROJECT WORK/THESIS

B.Tech.

Comparison of physical characteristics of sand obtained from demolished concrete with various fine aggregate and experimental study on compressive strength of their cement mortars.

M.Tech.

Title: Effect of addition of nanoalumina on properties of Cement Mortar.

Ph.D.

Title: Seismic Site Response Analysis of Allahabad City.

Supervisor(s): Prof. S. K. Duggal & Dr. Kumar Pallav

TRAINING /SHORT-TERM COURSES ATTENDED

- Completed 30 days Summer Training at Dr. P. C. Ragtah& Associates on STAAD.ProV8i during June 2011.
- Attended short-term course on “Limit State Design of Steel Structures” LSDSS-2013, held from 17th – 21st October 2013 at MNNIT Allahabad.
- Attended “Advanced Workshop on Steel Design” at IIT Bombay from 14th to 15th June 2019.

TRAINING /SHORT-TERM COURSES ORGANISED

Sl. No.	In the Capacity of	Title	Period		Organised at	Sponsored by	Amount [in lakhs]
			From	To			
1	Coordinator	A Hands on Training of Total Station & GIS” (HTTSG-2017)	06/11/2017	10/11/2017	SIET, SHUATS, Allahabad	Self-Financed	1.25
2	Coordinator	Revised NBC-2016, Earthquake Indian Standards & Tall Buildings” (REIST-2019)	24/06/2019	29/06/2019	DCE, NIT Jamshedpur	TEQIP-III	2.5

TRAINING /CONFERENCE ORGANISED

Sl. No.	In the Capacity of	Title	Period		Organised at	Sponsored by	Amount [in lakhs]
			From	To			
1	Coordinator	Online <i>National Conference on Structural Engineering NCRASE – 2020</i>	21/08/2020	22/08/2020	NIT Jamshedpur	TEQIP-III	50,000.00

JOURNALS /CONFERENCES**International Journal (SCI/Scopus)**

1. **Keshav K. Sharma**, Ashhad Imam, Fatai Anifowose & Vikas Srivastava “Compressive strength modeling of blended concrete based on empirical and Artificial Neural Network techniques” Journal of Structural Integrity and Maintenance, 5:4, 252-264, DOI: 10.1080/24705314.2020.1783120, 17 Sep 2020.
2. Subhadeep Metya, Neeraj Chaudhary, and **Keshav Kumar Sharma** “Psuedo Static Stability Analysis of Rock Slope Using Patton's Shear Criterion” International Journal of Geo-Engineering. <https://doi.org/10.1186/s40703-020-00137-w>. Accepted: 15 December 2020, Published 06 March 2021

3. Ashhad Imam, Shahzad Asghar Moeeni, Vikas Srivastava and Keshav K Sharma, "Investigation towards strength properties of ternary blended concrete", *Advances in Concrete Construction*. Vol. II, No. 3(2021) ISSN: 2287-5301 (print), 2287-531X (Online). <https://doi.org/10.12989/acc.2021.11.3.000>
4. Neeraj Singh, Ashhad Imam, A. K. L. Srivastava and **Keshav Sharma** "Development of Self Compacting Concrete as a sustainable construction material – a review" *International Journal of Sustainable Engineering*. (**Under Review**)
5. Ravi Joshi, **Keshav Kumar Sharma** "Effect of progressive failure on natural frequencies of cross-ply laminates" *Sound and Vibration*. (**Under Review**)
6. Neeraj Kumar, Ashish Das, and **Keshav Sharma** "Effect of Zinc Interlayer on Mechanical and Microstructural Properties of Friction Stir Welded AA 6061-T6/Mg AZ61 Alloys" *Material Science and Engineering Technology*. (**Under Review**)

International Journal (Non-SCI)

1. **Keshav Kr. Sharma**, S. K. Duggal, Deepak Kr. Singh, A. K. Sachan "Comparative analysis of Steel Telecommunication tower subjected to Seismic & Wind loading" *Civil Engineering and Urban Planning: An International Journal (CiVEJ)*, Vol. 2, NO. 3, Sept. 2015. Pg. 15-33.

National Journals

1. **Keshav Kr. Sharma**, S. K. Duggal, D. K. Shukla, "Effect of addition of Nanoalumina on properties of cement mortar" *Civil Engineering & Construction Review*, Vol. 28, July 2015, Pg. 50 – 52.
2. **Keshav K. Sharma**, S. K. Duggal, R. K. Pandey, Sanjay Singh, "Time History Analysis of Irregular Reinforced Concrete High Rise Building with Shear Wall" *Journal of Civil Engineering and Environmental Technology*, p-ISSN: 2349-8404, e-ISSN: 2349-879X, Vol. 4 (5) July – Sept. 2017, pp. 396-400.
3. Y. K. Bind, **Keshav Sharma**, N N Harry, Y K Kushwaha, "Soft Computing and Regression Models for Compressive Strength of BFS and SP Mixed Concrete" *Journal of Civil Engineering and Environmental Technology*, p-ISSN: 2349-8404, e-ISSN: 2349-879X, Vol. 4 (5) July – Sept. 2017, pp. 391-395.

International Conference

1. **Keshav Kr. Sharma**, Kumar Pallav, S. K. Duggal, Lav Joshi, "Slip Distribution of 15th January 1934 Bihar-Nepal earthquake (M_w 8.1)" *Proc. of Sixth International Conference On Advances in Civil and Structural Engineering - CSE 2016*, 26-27 November, 2016 at Kuala Lumpur, Malaysia. ISBN no. 978-1-63248-110-8, doi: 10.15224/ 978-1-63248-110-8-26.
2. **Keshav K. Sharma**, Y. K. Bind, N. N. Harry, " Soft Computing and Regression Models for Compressive Strength of BFS and SP Mixed Concrete" *International Conference on Architecture, Civil and Environmental Engineering-ACEE-2017*, 09th September 2017, at Jawaharlal Nehru University, New Delhi.
3. **Keshav K. Sharma**, R. K. Pandey, Sanjay Singh, " Time History Analysis of Irregular Reinforced Concrete High Rise Building with Shear Wall" *International Conference on Architecture, Civil and Environmental Engineering-ACEE-2017*, 09th September 2017, at Jawaharlal Nehru University, New Delhi.

4. Manas Patel, **Keshav K. Sharma**, Himanshi Bhatt, Rajnikant Upadhyay “Comparison of Stiffened Plate Having Flat or Angle Stiffener” IEEE International Conference Recent Advances in Engineering, Technology and Computational Sciences, RAETCS-2018, 06-08 Feb, 2018, at Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad.
5. Sanjay Singh, R. K. Pandey, **Keshav K. Sharma**, Ashhad Imam “Time History Analysis of Irregular Buildings Subjected to Real Earthquake” IEEE International Conference Recent Advances in Engineering, Technology and Computational Sciences, RAETCS-2018, 06-08 February, 2018, at Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad.
6. Manjari Singh, S. K. Duggal, Kumar Pallav, **Keshav Kr. Sharma** “Correlation of Shear Wave Velocity with Standard Penetration Resistance Value for Allahabad City” International IACMAG Symposium, 05-07th March, 2019, at IIT Gandhinagar. Published in Lecture Notes in Civil Engineering Advances in Computer Methods and Geomechanics pp 467-481 (LNCE, volume 56). **Scopus**.
7. Manjari Singh, S. K. Duggal, V. P. Singh, **Keshav Kr. Sharma** “Synthetic Ground Motion Simulation for Varanasi City” 7th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics (7ICRAGEE) , 13-16th July, 2020, at IISC Bengluru. Published in Lecture Notes in Civil Engineering. **Scopus (In Production)**
8. Rahul Ranjan, **Keshav K. Sharma** “Parametric Study of Perforated Steel Beam Subjected to Real Earthquake” Second ASCE India Conference on " Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" (CRSIDE 2020) 02-04 March 2020 at Kolkata. **Scopus (In Production)**
9. P. Venkata Reddy , **Keshav Kr. Sharma** and Dr. Braj Kishor Prasad “Dynamic Analysis Of Telecommunication Tower Subjected To Wind Load With Different Configurations Of Bracings” Online National Conference on Structural Engineering NCRASE – 2020, 21-22 August 2020, National Institute of Technology Jamshedpur, Jharkhand India. **Scopus (In Production)**
10. Deepak Kumar Singh and **Keshav Kumar Sharma**, “Effect of Stiffeners on the Natural Frequencies of Stiffened Plate” Online National Conference on Structural Engineering NCRASE – 2020, 21-22 August 2020, National Institute of Technology Jamshedpur, Jharkhand India. **Scopus (In Production)**
11. Neeraj Singh, Akash Shandilya, Rajesh Kumar Tripathi and **Keshav K Sharma** “Temporal landcover dynamics and environmental impact in coal mine area of Korba district (Chhattisgarh)” International Conference on Futuristic and Sustainable Aspects in Engineering and Technology (FSAET-2020). **Scopus (In Production)**
12. Suraj Kumar, Suraj Shukla, **Keshav Kumar Sharma**, Koushlendra Kumar Singh and Akber Sheikh Akbari “Classification of Land Cover and Land Use using Deep Learning” Machine Vision & Augmented Intelligence 2021, (MAI2021).

13. Y. Abhiram, Ashish Das and **Keshav Kumar Sharma** “Green Composites for Structural and Non-Structural Applications: A Review” 11th ICMPTA 2020, Materials Today: Proceedings. **Scopus (In Production)**

National Conference

1. **Keshav Kr. Sharma**, S. K. Duggal, Dharmendra Kr. Shukla, “Effect of addition of nanoalumina on properties of cement mortar” Innovative Building Materials & Technology for sustainable Constructions (BMTSC-2015), IET Lucknow, 22-23 August, 2015, Pg. 55-58.
2. **Keshav Kr. Sharma**, S. K. Duggal, Deepak Kr. Singh, Arjun Prasad, “Comparison of Physical Characteristics of Fine Aggregate obtained from Demolished Concrete with Various Fine Aggregate and Experimental Study on Compressive Strength of their Cement Mortars” Proceedings of 4th National Conference On Innovations in Indian Science, Engineering & Technology (NCISET-2017), New Delhi, 04 -05 March, 2017, Pg. 56.

BOOK PUBLISHED

Sl. No.	Author(s)	Year	Book Title	ISBN/ISSN No.	Publisher
1	Ashhad Imam Keshav K Sharma	May 2019	Assessment of Ground water potential using Geophysical Investigation	9786200102386	LAP LAMBERT Academic Publishing, Germany

EXPERIENCE

Sl. No.	Period		Total Experience [in Years & Months]	Position Held	Pay Scale, AGP & last/present basic	Organization	Nature of work
	From	To					
1.	August 08, 2016	May 14, 2018	1 Years 9 Month	Assistant Professor	Basic including Grade pay- Rs. 22,250/- per month	Sam Higginbottom University of Agriculture, Technology & Sciences, Allahabad-211004	-Teaching of UG and PG Classes -Supervision of Research -Consultancy
2.	May 29, 2018	Continuing	2 Year 9 Month 18 Days	Assistant Professor	Level 10	NIT Jamshedpur	-Teaching of UG and PG Classes. -Supervision of Research -Consultancy

Projects/Thesis Guided/Ongoing

B.Tech.

S.No.	TITLE	Institute	Students	Year	Co-Supervisor (If any)
1	Design of Steel Toll plaza	SHUATS Allahabad		2017	--
2	Multi Storied Design of Steel Structure of Commercial Building (G+4)	SHUATS Allahabad	Pritisha Celine Simes Sumit Kumar Prashanasa Chandra Avinash Kumar Utkarsh Mishra	2018	--
3	Multi Storied Design of RCC Structure of Commercial Building (G+4)	SHUATS Allahabad		2018	--
4	Planning, Analysis and Design of G + 6 Residential Building	NIT Jamshedpur	Rahul Modak Ajeet Kumar Nilesh Choudhary Shekhar Bhaskar	2019	--
5	Design Of Steel Intensive Shed For VSG Arena, Nit Jamshedpur	NIT Jamshedpur	Naman Mishra (2016UGCE029) M.A.Venkata Kamesh (2016UGCE050) Rajnish Kumar (2016UGCE078) Prema Kumari (2016UGCE010)	2020	---

M.Tech.

S.No.	TITLE	Institute	Student	Year	Co-Supervisor (If any)
1	Time History Analysis of Irregular Reinforced Concrete High Rise Building with Shear Wall	SHUATS Allahabad	Sanjay Kumar Singh	2017	Dr. R. K. Pandey
2	Parametric Study of Stiffened Plate having Angle Stiffener	SHUATS Allahabad	Manas Patel	2018	---
3	Behaviour of Intze Tank Subjected to Real Seismic Event	SHUATS Allahabad	Abhishek Singh	2018	---
4	Stress and Deflection Analysis of Beam on Different Elements Using Ansys APDL	NIT Jamshedpur	Pratik Roy	2019	Prof. A. K. L. Srivastava
5	Time History Analysis of Steel Beam with Web Perforations	NIT Jamshedpur	Rahul Ranjan	2020	----
6	Time History Analysis of Telecommunication Tower with Different Configurations of Bracings Subjected To Real Earthquakes	NIT Jamshedpur	MUDAVATH RAMESH	2020	Dr. V. Kumar
7	Dynamic Analysis of Telecommunication Tower Subjected to Wind Load With Different Configurations of Bracings	NIT Jamshedpur	VENKATREDDY PUNYALA	2020	Dr. B. K. Prasad
8	Sub-Surface Profile of Jamshedpur City Using MASW	NIT Jamshedpur	Sourav Bera (2019PGCESE17)	2021	-----
9	Aluminium metal matrix composite for Structural Applications	NIT Jamshedpur	Yangalsetty Abhiram (2019PGCESE09)	2021	-----

Ph.D.

S.No.	TITLE	Institute	Student	Enrolment Year	Status	Co-Supervisor (If any)
1	Yet to Decide	NIT Jamshedpur	Ashhad Imam	2018	Ongoing	Dr. Virendra Kumar
2	Yet to Decide	NIT Jamshedpur	Neeraj Chaudhary	2018	Ongoing	Dr. Subhadeep Metya
3	Yet to Decide	NIT Jamshedpur	Neeraj Singh	2018	Ongoing	Prof. A. K. L. Srivastava

CONSULTANCY

1. Design of G + 4, RCC structure “Extension of Allahabad High court” of plan area $190 \times 16 \text{ m}^2$ in Jan-Feb, 2015 in Allahabad.
Project agency: UPPWD
Design Team: Prof. S.K.Duggal, Prof. A.K.Sachan & **Er. Keshav Kr. Sharma.**
2. Design of G + 1, RCC structure “Subedarganj Railway Station, Allahabad” of plan area 905 m^2 in July 2015 in Allahabad.
Project agency: NCR, Allahabad
Design Team: **Er. Keshav Kr. Sharma**
3. Design of G + 2, RCC structure “Design of Publication House of Government Press” of plan area 4786 m^2 in August, 2015 in Allahabad.
Project agency: UPPWD
Design Team: Prof. A.K.Sachan & **Er. Keshav Kr. Sharma.**
4. Design of G + 2, RCC Structure “Design of commercial complex” of plan area 160 m^2 in September, 2015 at Sirathu.
Project agency: Owner
Design Team: **Er. Keshav Kr. Sharma**
5. Vetting of Structural Design for Toll Plaza, Surajbari, Gujrat in October, 2015.
Project agency: CLASSIC ENTERPRISES, Kanpur
Vetting Team: Prof. S.K.Duggal, Prof. A.K.Sachan & **Er. Keshav Kr. Sharma.**
6. Vetting of Structural Design for 5.0 LLPD Dairy Plant at Dehri ON Sone, Bihar in November, 2015.
Project agency: Jyoti Consultants, Lucknow
Vetting Team: Prof. S.K.Duggal, Prof. A.K.Sachan & **Er. Keshav Kr. Sharma.**
7. Design of G + 3, RCC structure “Design of Residential Apartment” of plan area 560 m^2 in February, 2016 at Dharamsala.
Project agency: Shree Ram Builders, Allahabad
Design Team: Prof. S.K.Duggal, Prof. A.K.Sachan & **Er. Keshav Kr. Sharma.**
8. Design of G + 4 ‘group housing’, RCC structure “Design of Residential Apartments (3-towers)” of plan area 1303 m^2 at Allahabad.
Project agency: Singh & Associates, Allahabad
Design Team: **Er. Keshav Kr. Sharma.**
9. Design of G + 3, RCC structure “Design of Residential Towers” of plan area 5237 m^2 in July, 2017 at Allahabad.
Project agency: Singh & Associates, Allahabad
Design Team: **Er. Keshav Kr. Sharma** & Er. Arvind Singh
10. Design of Basement + 4, RCC structure “Design of Hospital” of plan area 415 m^2 in September, 2017 at Allahabad.
Project agency: Owner
Design Team: **Er. Keshav Kr. Sharma** & Er. Shadab Ahmed
11. Design of Basement + 3, RCC structure “Design of School Building” of plan area 1320 m^2 in October, 2017 at Allahabad.
Project agency: Home Makers and Consultants, Allahabad

- Design Team: **Dr. Keshav Kr. Sharma** & Er. Shadab Ahmed
- 12.** Design of Basement + 3, RCC structure “Design of Commercial Building” of plan area 441 m² in December, 2017 at Pratapgarh.
Project agency: Ashraya Consulting Engineers, Varanasi
Design Team: **Dr. Keshav Kr. Sharma**
- 13.** Vetting of Structural Design of Pedestrian Bridge at Haridwar in January, 2018
Project agency: KORUS Engineering Solutions Pvt. Ltd., New Delhi
Vetting Team: Prof. S.K.Duggal & **Dr. Keshav Kr. Sharma.**
- 14.** Proof Checking of the Design & Drawing of (i) Extension of Bridge No. 96 at Ch:179974 between karaila Road & Chuki Station (ii) Extension of Bridge No.101 at KM183/11-13 between karaila Road & Chuki Station at Ch: 183684, **May 2019**
Project agency: R K INFRACORP Pvt. Ltd., 1/712, Dwarika Nagar, Kadapa, Hyderabad
Vetting Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 47,200/-
- 15.** Proof Checking of the Design & Drawing of (i) Extension of Bridge No. 83 & 84 at KM 172/7-8 and 172/9-10 respectively between Mirchadhuri and Karaila Road, **April 2019**
Project agency: R K INFRACORP Pvt. Ltd., 1/712, Dwarika Nagar, Kadapa, Hyderabad
Vetting Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 23,600/-
- 16.** Vetting of G+3 Postal Building at Chaibasa, **October 2018**
Project agency: M/s CARR and Associates, Sharda Manson, Lane-4, Morabadi, Ranchi
Vetting Team: Dr. B. K. Prasad, Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 47,200/-
- 17.** Proof Checking of the Design and Drawing for Construction for station Building at Latehar in connection with construction of 3rd line between patratu-Garhwa road, **January 2019**
Project agency: M/s Tracks and Tower Infra Pvt. Ltd., Latehar, Jharkhand
Vetting Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 35,400/-
- 18.** Proof Checking of the Structural Drawings of Sports Complex, Burla, **April 2019**
Project agency: M/s Kapoor & Associates, Ring Road, Shalimar Bagh, New Delhi
Vetting Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 59,000/-
- 19.** Vetting of Detailed Estimate of the proposed World Trade Centre at smart city Ranchi, **March 2019**
Project agency: Mr. U S Thakur, CE, JIIDCO, Namkum Industrial Estate, Ranchi
Vetting Team: Dr. B. K. Prasad, Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 6,49,000/-
- 20.** Vetting of Structural Drawings of Four Storied Nursery Primary School (R.C.C) located at Civil Lines Prayagraj, U.P, **July 2019**
Project agency: Principal, St. Joseph’s College, 2 Tashkent Road, Prayagraj
Vetting Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma.**
Vetting Cost: INR 59, 000/-
- 21.** Proof Checking of 03 Nos drawing of PSC slab propose in replacement of existing steel girder of Agra Division of Indian Railways, **July 2019**
Project agency: M/s Shree-Tech Construction Company Bank colony, Krishna Nagar, Mathura (U.P.)
Vetting Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**
Vetting Cost: 23,600/-
- 22.** A civil engineering audit of the existing pilot plant inside tata steel, Jamshedpur, **Sept. 2019**
Project agency: Dr. Suprotim Das, Principle Reseacher, Environmental Research Group, R & D Department, TATA Steel
Design Team: Dr. Virendra Kumar & **Dr. Keshav K. Sharma**

Audit cost: 4,13,000/-

23. Vetting of Detailed Estimate of the proposed World Trade Centre at smart Deogarh, Oct. 2019

Project agency: Mr. U S Thakur, CE, JIIDCO, Namkum Industrial Estate, Ranchi

Vetting Team: Dr. R. P. Singh, Dr. Virendra Kumar & **Dr. Keshav K. Sharma**.

Vetting Cost: INR 6,49, 000/-

24. Proof checking of construction of Medical college campus for 100 MBBS admission annually and upgradation of District Hospital Dungarpur, Rajasthan into teaching hospital as per applicable MCI norms Oct. 2019

Project agency: M/s NBCC (INDIA) Ltd., NBC Bhawan, Lodhi Road, New Delhi

Design Team: Dr. Virendra Kumar, Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Vetting cost: 59,000/-

25. Design of Multi-storey (GF Stilt+6 Floors) staff quarters (76 Units Type II) located in NCRailway Loco Colony & Leader Road Colony at Allahabad, Nov. 2019

Project agency: M/s Shiv Ram Builders & Engg. Consultants, Ashok Nagar, Allahabad (U.P.)

Design Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Design cost: 1,00,300/-

26. Vetting of structural design and drawing of proposed construction of hostel building, rolling stock training centre at Delhi

Project agency: M/s Vee Kay Constructions, Sanjay Nagar Ghaziabad, U.P., **Nov. 2019**

Design Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Vetting cost: 1,18,000/-

27. Design of Multi-storey (GF Stilt+6 Floors) staff quarters (24 Units Type III) located in NCRailway Loco Colony & Leader Road Colony at Allahabad, Dec. 2019

Project agency: M/s Shiv Ram Builders & Engg. Consultants, Ashok Nagar, Allahabad (U.P.)

Design Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Design cost: 59,000/-

28. Design of double storey C.D.O Office and 11 KV substation Building in connection with washing lines at subedarganj (SFG) Station, Feb. 2020

Project agency: M/s Shiv Ram Builders & Engg. Consultants, Ashok Nagar, Allahabad (U.P.)

Design Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Design cost: 23,600/-

29. Design of new crew running room at Kanpur central station, Feb. 2020

Project agency: M/s Shiv Ram Builders & Engg. Consultants, Ashok Nagar, Allahabad (U.P.)

Design Team: Dr. S. Metya & **Dr. Keshav K. Sharma**

Design cost: 23,600/-

30. Feasibility report for construction of structure over existing ADMH building at Jamshedpur, Sept. 2020

Project agency: Manipal Academy of Higher Education Tiger Circle Road, Manipal, Karnatka-576104

Project Team: Dr. A.K.L Srivastava, Dr. V. Kumar & **Dr. Keshav K. Sharma**

Design cost: 1,00,000/-

31. Proof Checking of G+2, 100 Bedded running room at Jamshedpur, Dec. 2020

Project agency: The Group , Architects & Engineers 2E Gopal Marketing Complex Ashok Nagar Road, Ranchi

Project Team: Dr. S. Madhuri & **Dr. Keshav K. Sharma**

Vetting cost: 59,000/-

32. Fitness check of SBI building at Jadugoda, Dec. 2020

Project agency: Chief Manager, SBI, Jadugoda, Jharkhand

Project Team: Dr. B. K. Prasad, Dr. V. Kumar & **Dr. Keshav K. Sharma**

Vetting cost: 23,600/-

33. Mix Design of M 30 grade of concrete

Project agency: Project Manager, JWIL-SPML,

Project Team: Dr. B. K. Prasad, Dr. V. Kumar & **Dr. Keshav K. Sharma**

Design cost:

34. Proof Checking of B+G+1, Bokaro Town Hall at Bokaro, March. 2021

Project agency: Swati Structure Solutions Pvt. Ltd. Rohini Delhi

Project Team: **Dr. Keshav K. Sharma**, Dr. V. Kumar & Dr. A. K. Singh

Vetting cost: 59,000/-

35. Proof Checking of G+8, PMAY Residential Building at Birsanagar, March. 2021

Project agency: JRA Infratech, Garhwa, Jharkhand

Project Team: **Dr. Keshav K. Sharma**, Er. Ashok Kumar & Dr. A. K. Singh

Vetting cost: 1,18,000/-

ADMINISTRATION

1. Warden Hostel-J, (June 2018 to Oct. 2020) NIT Jamshedpur
2. PI, Ek Bharat Shrestha Bharat, NIT Jamshedpur 2019-2020
3. CO-PI, Cultural Activities 2018- 2019
4. PI, Cultural Activities 2019- 2020, 2020-2021
5. Member, Departmental Purchase Committee, Civil Engineering Department
6. Member, Admission Committee UG & PG, 2018 -19
7. Member, Admission Committee UG 2019 - 20
8. Member, Admission Committee UG & PG, 2020 -21

ACADEMIC

1. Faculty Advisor, Final Year, Batch 2015-2019, Academic Year: 2018-19
2. Faculty Advisor, First Year, Batch 2019-23, Academic Year: 2019-20
3. Time Table Incharge, 2018-till now

OUTREACH ACTIVITIES

1. Laboratory Audit for Civil Engineering Department at Nalanda College of Engineering, Chandi, Nalanda, Bihar on 20th April 2019.
2. Delivered a online lecture on “Introduction to Ultra High Performance Concrete” at Webinar Series organized by United Group of Institutions, Prayagraj, Allahabad on 29 June 2020.
3. Delivered a online lecture on “Understanding Parallel Flanged Section” at three days workshop on Advances in construction techniques and materials organized by Department of Civil Engineering Nalanda College of Engineering, Chandi, Bihar on 11 June 2020.
4. Delivered a online lecture on “Understanding Parallel Flanged Section” at Advances in Structural Engineering organized by Department of Civil Engineering, MMMUT Gorakhpur on 03 July 2020.
5. Delivered a online lecture on “Introduction to Ultra High Performance Concrete” organized by Department of Civil Engineering, MMMUT Gorakhpur on 12 May 2020.
6. Delivered a online lecture on “Laboratory Experiments Using Virtual Lab. in Civil Engineering 21-25 Sept. 2020” at One Week Faculty Development Programme organized by Department of Civil Engineering, MMMUT Gorakhpur on 21 Sept. 2020.
7. Delivered a online lecture on “Ductile Detailing And Design” at faculty development programme on earthquake resistant design of concrete & steel moment resisting frame buildings organized by Rajasthan technical university on 23 sept. 2020.