


## CURRICULUM VITAE

<p>NAME: <b>DR. RADHIKESH PRASAD NANDA</b></p> <p>Affiliation Asso. Prof, Dept. of Civil Engg., NIT Durgapur, WB, INDIA-751009</p> <p>ADDRESS: <u>Permanent</u> R. P. Nanda, Friends Colony, B.K. Road, Cuttack, India-753001,</p>	
Webpage: <a href="https://nitdgp.ac.in/department/civil-engineering/faculty-3/radhikesh-p-nanda">https://nitdgp.ac.in/department/civil-engineering/faculty-3/radhikesh-p-nanda</a>	

EDUCATION: **Ph.D.**, Earthquake Engg., Deptt. of Earthquake Engineering, IIT Roorkee, India, Oct.2007.  
Thesis: Low cost Distributed Base Isolation for Brick Masonry Buildings.  
Advisor: Dr. Pankaj Agarwal, Dr. Manish Shrikhande.

**M.E.**, Structural Engineering, NIT Rourkela, India, 1994, 1st div.  
Thesis: Studies on Durability of Concrete Subjected to Sulphate Attack  
Guide: Dr.K.K. Jain.

**B.Tech.**, Civil Engineering, C.E.T., O.U.A.T., India,1991, 1st div.

AREA OF SPECIALIZATION: Structure and Earthquake Engineering.

RESEARCH EXPERIENCE:

**Doctoral Research:** Friction testing between different sliding materials with servo-controlled actuator, Shake table test for half scale single room masonry buildings with data acquisition system and filtering, work with STAAD Pro. and MATLAB

**Post doctoral research:** Disaster mitigation, Earthquake resistant masonry buildings, Retrofitting of heritage buildings and RCC building, Vulnerability and loss analysis, Use of sustainable materials in roads and buildings.

STUDENT GUIDED: M. Tech: 20 completed  
Ph. D: 6 completed

EXPERIENCE: **2Yrs Industry, 24 yrs Teaching including 14 yrs Research**

PAPERS TEACHING:

**B.Tech:** Transportation Engg. I & II, Introduction to Earthquake Engg, Structural Dynamics

**M.Tech:** Structural dynamics, Geotechnical Eq. Engg., Pavement Engg.

**Lab in charge & development:** Highway Engg. Lab

AWARDS:

Best Paper Award-Int conf on Res. in Applied Sc and Engg. 2018 on RC beam strengthening by Glass Fibre Reinforced Polymer, Punjab Univ.

Institution Award (gold medal) by The Institution of Engineers (India) Orissa State Centre in 51st annual technical session, 14th Feb.2010

MHRD Assistantship: Pursuing M.Tech and PhD  
Univ Merit Scholarship: B.Tech

## RECOGNITIONS:

<https://scholar.google.co.in/citations?user=sJqBjO0AAAAJ>

[https://www.researchgate.net/profile/Radhikesh\\_Nanda](https://www.researchgate.net/profile/Radhikesh_Nanda)

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Editorial Advisory Board member- Int. Journal of Earthquake and Impact Engg. (Inderscience), Int. Journal of Applied Engg. Research and Int. Journal of Civil & Str. Engg.

Fellow member- Institute of Engineers (I) -F1165166

Life member-Indian Society of Technical Education-LM30421

Life member- Indian Society of Earthquake Technology-LM1543

Life member-Indian Road Congress- LM41007

STA member- Scrutinizing and vetting, road DPR of WBSRDA under Pradhan Mantri Gramya Sadak Yojana (PMGSY)

## PUBLICATIONS:

### A) Journals (International/National)

1. Dutta, S. Nanda, R.P., (2022) A simplified approach of design pile foundation on liquefiable soil in India, *International Journal of Geotechnical Earthquake Engineering*,13(1), 1-14.
2. Behera, B., Nanda, R.P., (2021) In-plane shear strengthening of brick masonry panel with geogrid reinforcement embedded in bed and bed-head joints mortar, *Eng Struct*, Elsevier, 227, 111411.
3. Dutta, S. Nanda, R.P., (2021) Finite element analysis of rubber–soil mixture (RSM) for the pile response reduction under liquefaction, *Arabian Journal of Geosciences*, 14 (1729).
4. Ray, A., Nanda, R.P., Roy, P., (2021) Rutting performance of road using construction and demolished waste materials, *Key Engineering Materials*, 882, 221-227.
5. Ray, A., Nanda, R.P., Roy, P., (2021) Use of C&D waste in road construction: A critical review, *IOP Conference Series: Materials Science and Engineering*, 1116, 012159.
6. Nanda, R.P., Mohapatra, A.K. and Behera, B. (2020) Influence of metakaolin and Recron 3s fiber on mechanical properties of fly ash replaced concrete *Construction and Building Materials, Elsevier Vol. 263*, 120949, <https://doi.org/10.1016/j.conbuildmat.2020.120949>
7. Khan, H.A., Behera, B., Nanda, R.P., (2020), Geosynthetic as Sustainable Materials for Earthquake Resistant of Masonry Structures, *IOP Conf. Series: Materials Science and Engineering* 970 (2020) 012008, doi:10.1088/1757-899X/970/1/012008
8. Behera, B., Khan, H.A., Nanda, R.P., (2020) Geosynthetic as a Strengthening Material for Brick Masonry Wall, *Materials Today: Proceedings*, 2020.
9. Khan, H.A., Behera, B., Nanda, R.P., (2020) Retrofitting Of Heritage Masonry Buildings With Splint Bandage Technique Using Geosynthetic, *ISET Journal of Earthquake Technology* 57(1):17-26, 2020.
10. Nanda, R.P., Behera, B. (2020). Experimental Study of Shear Deficient RC Beam Wrapped with GFRP. *International Journal of Civil Engineering. Springer Vol. 18, pp. 655-664.* <https://doi.org/10.1007/s40999-020-00498-4>.
11. Khan, H.A., Nanda, R.P. (2020). “Out-of-plane bending of masonry wall strengthened with geosynthetic”, *Construction and Building Materials, Elsevier Vol. 231, 117198.* <https://doi.org/10.1016/j.conbuildmat.2019.117198>.
12. Nanda, R.P., Majumder, S. (2019). “Pushover Analysis of Base Isolated RC Frame Buildings with Masonry Infills”, *International Journal of Geotechnical Earthquake Engineering*, Igi global, Vol. 10, Issue, 2, pp. 18-31. SCOPUS INDEXED (Q3)
13. Nanda, R.P., Paul, N.K., Ningthoujam, M.C., (2019). “Seismic loss estimation tool as rapid survey for prioritizing buildings for disaster preparedness: case study to hospital buildings”. *Natural Hazards, Springer Vol. 95, pp. 769–781.* <https://doi.org/10.1007/s11069-018-3518-2>.
14. Ningthoujam MC, Nanda, R.P., (2018) A GIS System Integrated with Earthquake Vulnerability Assessment of RC Building, *Structures*, Elsevier,15, 329-340.
15. Ningthoujam MC, Nanda, R.P., (2018) Rapid Visual Screening Procedure of Existing Building Based on Statistical Analysis, *International Journal of Disaster Risk Reduction*, Elsevier. 28, 720-730.

16. Ningthoujam MC, Nanda, R.P., (2018) A Proposed Rapid Visual Screening Procedure for Developing Countries, *International Journal of Geotechnical Earthquake Engineering*,9(2).
17. Nanda, R.P., Behera, B., Majumder S., Khan, H.A., (2018) RC Beam Strengthening by Glass Fibre Reinforced Polymer, *International Journal of Engineering Technology Science and Research*, 5(3), 21-26.
18. Nanda, RP Dutta, S Khan, HA Majumder S., (2018) Seismic Protection of Buildings by Rubber-Soil Mixture as Foundation Isolation, *International Journal of Geotechnical Earthquake Engg.* , 9(1) 99-109
19. Khan, H. A., Nanda, R.P. and Das, D., 2017, In-plane strength of masonry panel strengthened with geosynthetic, *Construction Building Materials*, Elsevier. **156 (2017) 351–361, doi.org/10.1016/j.conbuildmat.2017.08.169.**
20. Nanda, R.P., Khan, H.A. and Pal, A., (2017) Seismic retrofitting-of-unreinforced-brick-masonry panels with glass fibre reinforced polymers, *Int. Journal of Geotechnical Earthquake Engineering*, 8(1), 28-37.
21. Nanda, R.P., Dutta, S. Das, A. and Khan, H. A., 2017, Geosynthetic Liner as Foundation Isolation for Seismic Protection, *Int. Journal of Geosynthetic and Ground Eng.* 3(21), DOI 10.1007/s40891-017-0098-2.
22. Majumdar, S., Khan, H.A. and Nanda, R.P., (2017) Pushover analysis of multistoried RC buildings with and without openings in infill walls, *Int. Journal of Civil Engineering and Env. Technology*, 4(1), 68-72.
23. Das, P., Ghosh, Z. and Nanda, R.P., (2017) A Comparative Study of Seismic behaviour of R.C elevated water tanks, Chimney and Building Frames, *IOSR-JMCE*, 14(4) 49-56.
24. Khan, H.A., Roy, P. and Nanda, R.P., (2017) Retrofitting of brick masonry panels with glass fibre reinforced polymers, *IOSR Journal (Int.) of Mechanical and Civil Engineering*, 1, 11-18.
25. Nanda, R.P. and Karim, R., (2016) Low cost sliding isolators for developing countries, *Asian Journal of Civil Engineering (Building and Housing)*, **17(4)**, 417-425. **SCOPUS indexed.**
26. Das, A., Dutta, S. and Nanda, R.P., (2016) Geosynthetic as seismic protection of Embakement, *Advances in Dynamics, Vibration and Control*, Narosa Publication, ISBN:978-81-8487-550.8
27. Paul, N.K., Ningthoujam, M.C. and Nanda, R.P., (2015) Seismic risk assessment based on attenuation relation, *Asian Journal of Civil Engineering (Building and Housing)*, **16(8)**, 1175-84. **SCOPUS indexed.**
28. Rout, S., Nanda, R.P. and Panda, K.C., (2015) Seismic damage evaluation of existing buildings based on shear wave velocity: a case study, *Asian Journal of Civil Engineering (Building and Housing)*, **16(6)**, 909-918. **SCOPUS indexed.**
29. Nanda, R.P., Shrikhande, M. and Agarwal, P., (2015) Low-cost base isolation system for seismic protection of rural buildings, *Practice Periodical on Structural Design and Construction (ASCE)*, DOI: 10.1061/(ASCE)SC.1943-5576.0000254.
30. Nanda, R.P., Paul, N.K., Ningthoujam, M.C., and Rout, S., (2015) Seismic risk assessment of building stocks in Indian context, *Natural Hazards*, 78(3), 2035-51.
31. Rout, S., Nanda, R.P., (2015) Deterministic Seismic Hazard Assessment at Bed Rock Level: Case Study for the City of Bhubaneswar, India, *International Journal of Engineering and Technology*, 7(2), 599-610.
32. Nanda, R.P., (2014) Base isolation for architectural temples, *International Journal of Civil and Structural Engineering– IJCSE*, **2(1)**, 192-5.
33. Nanda, R.P. and Majhi, D.R., (2014) Rapid seismic vulnerability assessment of buildings stocks for developing countries, *KSCE Journal of Civil Engineering*, 18 (7), 2218-2226.
34. Nanda, R.P. and Majhi, D.R., (2013) Review on rapid seismic vulnerability assessment for bulk of buildings, *Journal of Institute of Engineers (India), Series A*, 94(3), 187–197.
35. Paul, N.K. and Nanda, R.P., (2013) Shape memory alloy as retrofitting application in historical buildings and monuments—a review in Indian perspective, *International Journal of Civil Engineering & Technology (IJCET)*, 4(1), 117-125.
36. Nanda, R.P., Agarwal, P. and Shrikhande, M., (2012) Suitable friction sliding materials for base isolation of masonry buildings, *Journal of Shock and Vibration*, **19(6)**, 1327-1339.
37. Samanta, S. and Nanda, R.P. (2012) Retrofitting of soft-storey buildings using brick infill and steel bracings, *The IUP Journal of Structural Engineering*, **5(4)**, 61-73.
38. Nanda, R.P., Shrikhande, M. and Agarwal, P., (2012) Effect of ground motion characteristics on the pure friction isolation system. *Earthquakes and Structures*, **3(2)**, 169-180.

39. Nanda, R.P., Agarwal, P. and Shrikhande, M., (2012) Base isolation by geosynthetic for brick masonry buildings, *Journal of Vibration Control*, **18**(6), 903-910.
40. Nanda, R.P., Agarwal, P. and Shrikhande, M., (2012) Base isolation system suitable for masonry buildings, *Asian Journal of Civil Engineering (Building and Housing)*, **13**(2), 195-202.
41. Nanda, R.P. and Pani, A.K., (2011) Seismic retrofitting for rural housing, *International Journal of Earth Sciences and Engineering*, **4**(6), 669-672.
42. Sabat, A.K. and Nanda, R.P., (2011) Effect of marble dust on strength and durability of rice husk ash stabilized expansive soil, *International Journal of Civil and Structural Engineering*, **1**(4), 939-948.
43. Nanda, R.P., Agarwal, P. and Shrikhande, M., (2011) Retrofitting of masonry buildings by base isolation, *International Journal of Transportation and Urban Development*, **1**(1), 44-47.
44. Nanda, R.P., Das, A.K. and Moharana, N.C, (2010) Stone crusher dust as a fine aggregate in concrete for paving blocks, *International Journal of Civil and Structural Engineering*, **1**(3), 613-620.
45. Nanda, R.P. and Sahoo, D.K., (2010) Restoration of a heritage university building-a case study, *International journal of 3R's*, **1**(2), 84-86.
46. Nanda, R.P., Agarwal, P. and Shrikhande, M., (2010) Frictional base isolation by geotextiles for brick masonry buildings, *Geosynthetic International*, **17**(1), 48-55.
47. Nanda, R.P., Mishra, S.N. and Moharana, N.C., (2009) Corrosion assessment and rehabilitation of rebar, *Journal of Civil Engineering and Construction Review*, **22**(12), 38-43.
48. Nanda, R.P., Pani, A.K and Mohanty, T., (2009) Green buildings ecoogy in India, *Int. Journal of Organization for Protection of Ecosystem, Environment and Endangered Species*, **7**(2), 42-43.
49. Nanda, R.P., Pani, A.K and Mohanty, T., (2009) Sea water intrusion in coastal Orissa, *Int. Journal of Organization for Protection of Ecosystem, Environment and Endangered Species*, **7**(1), 44-46.
50. Nanda, R.P., (2008) Repair & rehabilitation techniques for rural housing, *Journal of Civil Engineering and Construction Review*, **21**(7), 68-74.

#### **B) Conferences (International/National)**

1. Bhattacharya, S., Jha, H., Nanda, R.P., Application of IoT and Artificial Intelligence in Road Safety, IRTM 2022 (International Conference on Interdisciplinary Research in Technology & Management) in collaboration with IEEE Kolkata Section and supported by SMART Society, USA in press.
2. Dutta, S., Nanda, R.P., (2021) Liquefaction control for pile foundation under a building using rubber-soil mixture (RSM), 3rd International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER 2021). SKIT, Jaipur.
3. Dutta, S., Nanda, R.P., (2021) Computational modelling of soil-structure interaction for piles in soil undergoing liquefaction, Accepted in international conference on Advances in Structural Mechanics and Applications (ASMA 2021).
4. Nanda, R.P., Behera, B. (2020). "Study the methods and techniques of strengthening on un-reinforced masonry structure: an overview". *2<sup>nd</sup> ASCE India Conference on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies*.
5. Khan, H.A., Nanda, R.P., Das, D. (2019) Numerical analysis of capacity interaction of brick masonry wallettes Strengthened with Geosynthetic, Proc. of 13th North American Masonry Conference, Salt Lake City, Utah, pp. 1554-1564, Paper No- 178. The Masonry Society Journal.
6. Ningthoujam, M. C., Nanda, R.P. 2018, Building Age, Construction Quality and Maintenance on RVS Procedure for Seismic Vulnerability Assessment, 16th Symposium on Earthquake Engineering, Indian Institute of Technology Roorkee, paper Id- 126.
7. Majumder, S., Nanda, R.P., Saha, S., 2018, Experimental and Numerical Investigation of RC Beam Strengthened with Geogrid Confinement, 16th Symposium on Earthquake Engineering, Indian Institute of Technology Roorkee, paper Id- 397.
8. Khan, H. A., Nanda, R.P., Das, D., 2018, Numerical Analysis of Geosynthetic Strengthened Brick Masonry Wallettes Subject to In-Plane and Out-of-Plane Loading, 16th Symposium on Earthquake Engineering, Indian Institute of Technology Roorkee, paper Id- 398
9. Chanu, N. M., Nanda, R.P., 2018, Deterioration of Reinforced Concrete Building with Time, ACSGE-2018, 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering, BITS PILANI, JAIPUR
10. Khan, H. A., Nanda, R.P., Das, D. 2018, Review of Retrofitting Technique of Un-reinforced Masonry Structure, ACSGE-2018, 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering, BITS PILANI, JAIPUR

11. Majumder, S., Nanda, R.P., Saha, S., 2018, Review on Strengthening of Structural and Non-Structural Members Using Fibre Reinforced Polymer, ACSGE-2018, 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering, BITS PILANI, JAIPUR
12. Khan, H. A., Nanda, R.P. and Das, D., 2017, Numerical Analysis of Geosynthetic Strengthened Brick Masonry Panels, ICOVP, 13th International Conference on Vibration Problems, Nov.29- Dec. 2, Indian Institute of Technology Guwahati, paper Id:-035, 2017.
13. Majumder, S., Khan, H. A., Nanda, R.P., 2017, Effect of Masonry Infills and Openings on Earthquake Performance of RC Buildings, ICOVP, 13th International Conference on Vibration Problems, Nov.29- Dec. 2, Indian Institute of Technology Guwahati, paper Id: -037, 2017.
14. Ningthoujam, M.C. and Nanda, R.P., 2016, Seismic risk assessment based on GIS technology, Sixth Int. Conference on Recent advances in Geotechnical Earthquake Engineering and Soil Dynamics. Aug.1-6. IIT Roorkee Extn, New Delhi.
15. Dutta, S., Das, A. and Nanda, R.P., 2016, Seismic isolation by rubber sand mixtures for low cost housing, *Proceedings of the Int. Conf. on Recent Trends in Engg. And Material Sc. (ICEMS-2016)*, March 17-19, Jaipur National Univ. Jaipur, India.
16. Paul, N.K. and Nanda, R.P., 2015, Seismic vulnerability and loss assessment through rapid survey, *Proceedings of the Nationals Conference on Recent Innovation in Earthquake Resistant Techniques*, Nov. 9-10, RVS college of Engg. & Tech. Jamshedpur, India, pp-6-10.
17. Paul, N.K. and Nanda, R.P., 2015, Seismic vulnerability assessment of hospital buildings of India based on questionnaire survey and rapid visual screening: a case study, *Proceedings of the Int. Conf. on Geo-Engineering and Climate Change Technology for Sustainable Env. Management (GCCT-2015)*, 9-11 Oct., MNIT Allahabad, India.
18. Ningthoujam, M.C., Paul, N.K. and Nanda, R.P., 2014, Seismic loss estimation as a decision support tool for hazard mitigation, *Proceedings of the Int. Conf. on Decision Support Systems for Early Warning and Mitigation of Disaster (DSS-EWMD)*, 28-30 Dec. NIT Durgapur, India.
19. Nanda, R.P., 2014, Base isolation for architectural temples, *Proceedings of the Second Intl. Conf. on Advances In Civil, Structural and Environmental Engineering ACSEE*, 25-26 Oct., Zurich, pp. 329-332
20. Pani, A.K., Pattanaik, S.P. and Nanda, R.P., 2011, Assessment repair and rehabilitation of old bridge decks, *All India Seminar on Latest Advances in Concrete Technology*, July, The Institution of Engineers (India), Orissa state centre Bhubaneswar, 101-106.
21. Nanda, R.P. and Pani, A.K., 2011, Seismic retrofitting for rural housing, *Proceedings of the Int. Conference on Advances in Civil Engineering (ACE)*, 21-23 Oct., KL University, Vijayawada, Paper id 549.
22. Nanda, R.P., Agarwal, P. and Shrikhande, M., 2010, Retrofitting of masonry buildings by base isolation, *Proceedings of the Int. Conference on Advances in Civil Engineering (ACE)*, 20-22 Dec., Trivandrum, Paper Id-37.
23. Nanda, R.P., Agarwal, P., Shrikhande, M. and Mohanty, T., 2009, Seismic retrofitting to rural school buildings, *Proceedings of Int. Conf on Disaster Management and Mitigation (ICDMM-2009)*, 16-18 Dec., PSNA college, Dindigul, India, 577-584.
24. Nanda, R.P., Pani, A.K and Mohanty, T., 2009, Rehabilitation techniques for rural housing of Orissa, *Proceedings of the Int. Conference on ACSGE*, 25-27 Oct., BITS Pilani, Paper RAD\_S146,
25. Nanda, R.P., Agarwal, P., Shrikhande, M., and Pothal, G.K., 2007, Earthquake hazard mitigation for brick masonry buildings by geosynthetic, *Proceedings of the National Conference on RACE-07*, CET Bhubaneswar, Orissa, 88- 92.
26. Sahu, D. and Nanda, R.P., 2007, Life safety concern and remedies from fire disaster in cities, *Proceedings of National Conference on Appropriate Technology and Management of Infrastructure in Disaster Prone Areas (ATMIDPA)*, Jan., KIIT, Bhubaneswar, Orissa, 10-16.
27. Das, R.M. and Nanda, R.P., 2007, Hazards of sea water intrusion in coastal aquifer, *Proceedings of National Conference on Appropriate Technology and Management of Infrastructure in Disaster Prone Areas (ATMIDPA)*, Jan., KIIT, Bhubaneswar, Orissa, 50- 53.
28. Nanda, R.P. and Mayur Babu, P.V., 2006, Retrofitting of masonry buildings- a protective method for earthquake and cyclone disaster mitigation, *Proceedings of National Conf. on Technology for Disaster Mitigation*, Jan. JITM, Gunupur, Orissa.
29. Mayur Babu, P.V. and Nanda, R.P., 2006, Retrofitting of bridges a vital step for earthquake hazard mitigation. *Proceedings of Int. Conference of Civil Engineering*, SoCE, SASTRA, Thanjavour, 390-407.

30. Nanda, R.P., 2004, Seismic retrofitting-an emerging technology in building construction and repairing, *Proceedings of International Conference on Emerging Tech.*, KIIT, Bhubaneswar.21-24 Dec.

**C) Conferences (World)**

31. Nanda, R.P., Shrikhande, M. and Agarwal, P., 2011, Friction base isolation system for seismic protection of rural dwellings, in *Proceedings of 12<sup>th</sup> World Conference on seismic Isolation, Energy Dissipation and Active Vibration Control of Structures*, September, Sochi, Russia.
32. Nanda, R.P., Agarwal, P. and Shrikhande, M., 2008, Earthquake hazard mitigation for rural dwellings by p-f base isolation, *Proceedings of 14<sup>th</sup> World Conference on Earthquake Engineering*, Oct., Beijing, China, Paper 09-02-0017.

**D) Books Authored:**

IAEE Guideline for Earthquake Resistant Non Engineering Buildings, Oriya Version, Published by NICE, IIT Kanpur, [http://www.nicee.org/iaee/O\\_InsideCover.pdf](http://www.nicee.org/iaee/O_InsideCover.pdf)

**RESEARCH/CONSULTANCY PROJECTS:**

Sponsoring Agency	Title of the Project	Period	Amount	Status (Completed/
NRRDA, PMGSY	Scrutinization of DPR	2012-till date	20.0 Lacs	On going
Mukherjee Construction 3E/3, Sukanta Pally , Durgapur-03.	Mix Design Bituminous concrete	01.04.12 - 31.03.13	0.9 8Lacs	Completed
T&C cell, Dept of Civil, NITD	routine test & consultancy	2010-till date	1.0 Lacs approx	-Do-
Ghosh Asso. Kolkata	Str. Vetting of Admn. Building, IOCL Haldia	2018	3.0Lacs	-Do-
NIT Durgapur	seismic protection of Masonry buildings by Geosynthetic and Plastic	2014 –till date	7.2 Lacs	Completed

**SEMINARS/SHORT TERM COURSES /SUMMER SCHOOLS/ WINTER SCHOOLS ORGANIZED**

Sl. No.	From	To	Name of the course	Chairman /Coordinator	No. of Participants
1	3.12.18	7.12.18	Trag. of Nirman Sahayak from GP and block level JE on Rural Engg. Issues.	Chairman	50
2	10.12.18	15.12.18	-do-	-do-	40
3	17.12.18	21.12.18	-do-	-do-	35
4	28.12.14	30.12.14	Int. Conf. on Decision Support for Early warning and Mitigation of Disaster	Co-Coordinator	55
5	24.12.13	28.12.13	One-week STP on Earthquake Resilient city	Coordinator	24
6	16.11.13	16.11.13	One day seminar on Lesson Learnt from Uttarakhand Floods	-do-	100

ANY OTHER RELEVANT INFORMATION:

- Journal review: International Journal of Construction in Developing Countries, Techno Press (EAS), Elsevier (ES & CBM), Earthquake Engg. and Engg. Vibration, J. of Earthquake Engg., Indian Conc J., J. of Structural Engg., etc.
- PhD Thesis review: 02
- Invited speaker/ Resource person: 15 nos. in workshop/Seminar/FDP in Earthquake Engineering and Eq. Disaster Mitigation
- Session chair: 05
- Organised several industrial tours.
- Dev. of medium payload shake table lab

ALL THE INFORMATION FURNISHED TRUE TO BEST OF MY KNOWLEDGE