

CURRICULUM VITAE



Dr. P. Pravin Kumar Venkat Rao

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Date of Birth: 13-11-1988
Religion: Hindu
Nationality: Indian
Languages Known: English,
Hindi, Telugu, Bengali & Marathi
Category: General (Open)

CAREER OBJECTIVE

To develop expertise in the field of seismic safety of common man's housing & structures of national importance and disseminate that through teaching and research.

RESEARCH INTEREST

Contemporary and Traditional Masonry Buildings; Seismic Safety Assessment; Earthquake-Resistant Design; Structural Retrofitting; Composite Materials; Experimental Testing & Evaluation; and Analytical Modelling

ACADEMIC QUALIFICATION

| Sr. No. | Education | Year of Award | University/Institution | Marks | University Rank |
|---------|--|---------------|---|---------|-----------------|
| 5 | Ph.D. - Structural Earthquake Engineering | 2020 | Indian Institute of Technology Roorkee (IITR) | 9.25/10 | - |
| 4 | M.Tech. - Structural Dynamics & Earthquake Engineering | 2014 | Visvesvaraya National Institute of Technology (VNIT) Nagpur | 9.32/10 | First |
| 3 | B.E. - Civil Engineering | 2011 | Rashtrasant Tukadoji Maharaj (RTM) Nagpur University | 85.90 % | First |
| 2 | Diploma - Civil Engineering | 2007 | Govt. Polytechnic Nagpur (GPN) | 90.27 % | First |
| 1 | Secondary School Certificate | 2004 | Kaka Tilokchand Rughwani (KTR) Sindhu English High School, Nagpur (Maharashtra State Board) | 68.53 % | - |

WORK EXPERIENCE

| Sr. No. | Organization | Designation | Responsibility | Year/Duration |
|---------|---|-----------------------------|--|-----------------------------|
| 5 | International Institute of Information Technology Hyderabad (IIIT-H), India | Assistant Professor (Gr. I) | Teaching and Research | 26 Dec 2020 – Present |
| 4 | Indian Institute of Technology Roorkee (IITR), India | Research Associate | Seismic analysis and design of structures | 23 Jan 2020 – 25 Dec 2020 |
| 3 | École Polytechnique Fédérale de Lausanne (EPFL) Switzerland | Research Intern | Displacement-based modelling of structural masonry components | 01 Sep 2017 – 31 Aug 2018 |
| 2 | Larsen & Toubro (L&T), Infrastructure Independent Company, Chennai, India | Graduate Engineer Trainee | Site supervision at one of the units of the 2000 MW hydropower project at Subansari, Arunachal Pradesh | 27 July 2011 – 15 July 2012 |
| 1 | Mitcon Infrservices Pvt. Ltd. (Mahendra Construction, Nagpur), | Diploma Trainee Engineer | Planning and design of irrigation canals: 1) Gosikhurd left bank canal project, Bhandara; and 2) Jam River | 1 June 2007 – 28 June 2008 |

RESEARCH PROJECTS

| Sr. No. | Title | Funding Agency | Amount (INR) |
|---------|---|----------------------------------|-----------------------|
| 2 | Tensile Behaviour of Externally Bonded Grids and Fibre Reinforced Polymer Composites for Strengthening of Masonry Structures (Project No.: IIIT/R&D Office/Seed-Grant/2021-22/011) - <i>Completed</i> | IIIT HYD (Dec 21 - Dec 24) | 26.00 Lakhs |
| 1 | Seismic Retrofitting for Historic and Contemporary Masonry Buildings using Textile Reinforced Mortar Composites: An Alternate to FRP (Project No.: SRG/2021/000093) - <i>Completed</i> | SERB, DST, GoI (Dec 21 - Dec 23) | 27.88 Lakhs |

RESEARCH PUBLICATIONS (Peer-Reviewed)

(Journals = 13; Book Chapters = 10; Conferences = 11; IF - Impact Factor; and IS - Impact Score)

| Sr. No. | Paper Details | Category |
|---------|--|-----------------|
| 34 | Padalu, P.K.V.R. and Vashisht, R. (2025). "Building Materials for Repair and Strengthening of Monuments: A Review", In: Goel, M.D., Gupta, L.M., Jaiswal, O.R. (eds), Recent Developments in Structural Engineering, Volume 3, Proceedings of 13 th Structural Engineering Convention (SEC-2023), 7-9 Dec 2023, Paper ID: <u>886</u> , VNIT, Nagpur, India, Lecture Notes in Civil Engineering , Vol. 548, Springer, Singapore, 609-619. ISBN: 978-981-97-9885-8 (eBook), ISBN: 978-981-97-9884-1 (Print). [SCImago, Q4, IS = 0.42] DOI: https://doi.org/10.1007/978-981-97-9885-8_57 | Book Chapter |
| 33 | Padalu, P.K.V.R. , Surana, M., and Rajput, A.S. (2025). "Seismic Behaviour of Timber-Reinforced Masonry Housing Typologies in the Himalayan Region: A State-of-the-Art Survey", Iranian Journal of Science and Technology, Transactions of Civil Engineering (Springer). [SCImago, Q2, IF = 1.7] DOI: https://doi.org/10.1007/s40996-024-01722-0 | Journal Article |
| 32 | Padalu, P.K.V.R. and Vashisht, R. (2025). "Structural Behaviour of Masonry Systems in Monumental Buildings: An Outline", In: Kumar, R., Bakre, S.V., Goel, M.D. (eds), Recent Developments in Structural Engineering, Volume 2, Proceedings of 13 th Structural Engineering Convention (SEC-2023), 7-9 Dec 2023, Paper ID: <u>854</u> , VNIT, Nagpur, India, Lecture Notes in Civil Engineering , Vol. 543, Springer, Singapore, 603-618. ISBN: 978-981-97-6067-1 (eBook), ISBN: 978-981-97-6066-4 (Print). [SCImago, Q4, IS = 0.42] DOI: https://doi.org/10.1007/978-981-97-6067-1_58 | Book Chapter |
| 31 | Padalu, P.K.V.R. , Trivedi, S., Gaulkar, S., Vashisht, R., and Kumar, V. (2024). "Seismic Retrofitting Systems for Unreinforced Masonry from a Rural Community Perspective: An Overview", Iranian Journal of Science and Technology, Transactions of Civil Engineering (Springer). [SCImago, Q2, IF = 1.7] DOI: https://doi.org/10.1007/s40996-024-01654-9 | Journal Article |
| 30 | Padalu, P.K.V.R. , Vashisht, R., and Ramancharla, P.K. (2024). "An Overview of Masonry Material Properties for Historical Buildings", In: Goel, M.D., Vyvahare, A.Y., Khatri, A.P. (eds), Recent Developments in Structural Engineering, Volume 4, Proceedings of 13 th Structural Engineering Convention (SEC-2023), 7-9 Dec 2023, Paper ID: <u>35Z</u> , VNIT, Nagpur, India, Lecture Notes in Civil Engineering , Vol. 549, Springer, Singapore, 171-183. ISBN: 978-981-97-6603-1 (eBook), ISBN: 978-981-97-6602-4 (Print). [SCImago, Q4, IS = 0.42] DOI: https://doi.org/10.1007/978-981-97-6603-1_18 | Book Chapter |

- 29 **Padalu, P.K.V.R.,** Vashisht, R., and Ramancharla, P.K. (2024). "A Review on Construction Techniques and Structural Restoration of Ancient Masonry Buildings", In: Goel, M.D., Kumar, R., Gadve, S.S. (eds), Recent Developments in Structural Engineering, Volume 1, Proceedings of 13th Structural Engineering Convention (SEC-2023), 7-9 Dec 2023, Paper ID: 358, VNIT, Nagpur, India, **Lecture Notes in Civil Engineering**, Vol. 52, Springer, Singapore, 335-350. ISBN: 978-981-99-9625-4 (eBook), ISBN: 978-981-99-9624-7 (Print). [SCImago, Q4, IS = 0.42]
DOI: https://doi.org/10.1007/978-981-99-9625-4_32 Book Chapter
- 28 **Padalu, P.K.V.R.,** and Surana, M. (2024). "An Overview of Performance-Based Seismic Design Framework for Reinforced Concrete Frame Buildings", **Iranian Journal of Science and Technology, Transactions of Civil Engineering** (Springer), 48(2), 635-667. [SCImago, Q2, IF = 1.7] Journal Article
DOI: <https://doi.org/10.1007/s40996-023-01217-4>
- 27 Vashisht, R., **Padalu, P.K.V.R.,** and Surana, M. (2023). "A Review of Seismic Safety Measures for the Construction of New Stone Masonry Houses", In: Shrikhande, M., Agarwal, P., Kumar, P.C.A. (eds), Proceedings of 17th Symposium on Earthquake Engineering (Vol. 2), SEE 2022, 14-17 November 2022, Paper ID: 619, Indian Institute of Technology Roorkee, India, **Lecture Notes in Civil Engineering**, Vol. 330, Springer, Singapore, 783-801. ISBN: 978-981-99-1604-7 (eBook), ISBN: 978-981-99-1603-0 (Print). [SCImago, Q4, IS = 0.42] Book Chapter
DOI: https://doi.org/10.1007/978-981-99-1604-7_60
- 26 Vashisht, R., **Padalu, P.K.V.R.,** and Surana, M. (2023). "Seismic Retrofitting of Existing Stone Masonry Houses: An Overview", In: Shrikhande, M., Agarwal, P., Kumar, P.C.A. (eds), Proceedings of 17th Symposium on Earthquake Engineering (Vol. 2), SEE 2022, 14-17 November 2022, Paper ID: 405, Indian Institute of Technology Roorkee, India, **Lecture Notes in Civil Engineering**, Vol. 330, Springer, Singapore, 573-590. ISBN: 978-981-99-1604-7 (eBook), ISBN: 978-981-99-1603-0 (Print). [SCImago, Q4, IS = 0.42] Book Chapter
DOI: https://doi.org/10.1007/978-981-99-1604-7_43
- 25 Vashisht, R., **Padalu, P.K.V.R.,** and Surana, M. (2023). "Seismic Performance of Different Typologies of Stone Masonry Houses in India", In: Shrikhande, M., Agarwal, P., Kumar, P.C.A. (eds), Proceedings of 17th Symposium on Earthquake Engineering (Vol. 2), SEE 2022, 14-17 November 2022, Paper ID: 404, Indian Institute of Technology Roorkee, India, **Lecture Notes in Civil Engineering**, Vol. 330, Springer, Singapore, 555-571. ISBN: 978-981-99-1604-7 (eBook), ISBN: 978-981-99-1603-0 (Print). [SCImago, Q4, IS = 0.42] Book Chapter
DOI: https://doi.org/10.1007/978-981-99-1604-7_42
- 24 **Padalu, P.K.V.R.,** and Singh, Y. (2022) "Seismic Safety Evaluation Methodology for Masonry Building and Retrofitting using Splint and Bandage Technique with Wire Mesh", **Frontiers of Structural and Civil Engineering** (Springer), 16(4), 478-505. [SCI, Q1, IF = 3.0] Journal Article
DOI: <https://doi.org/10.1007/s11709-022-0817-1>
- 23 **Padalu, P.K.V.R.,** and Singh, Y. (2021). "Variation in Compressive Properties of Indian Brick Masonry and its Assessment using Empirical Models", **Structures** (Elsevier), 33, 1734-1753. [SCI, Q1, IF = 3.9] Journal Article
DOI: <https://doi.org/10.1016/j.istruc.2021.05.063>
- 22 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2020) "Analytical Modelling of Out-of-Plane Flexural Response of Unreinforced and Strengthened Masonry Walls", **Engineering Structures** (Elsevier), 218, 110797 (1-22). [SCI, Q1, IF = 5.6] Journal Article
DOI: <https://doi.org/10.1016/j.engstruct.2020.110797>
- 21 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2020). "Experimental Study of Comparative Efficacy of Out-of-Plane Strengthening of Masonry Walls using FRP and Wire/Textile Reinforced Mortar", Proceedings of 17th International Brick and Block Masonry Book Chapter

- Conference (IB²MaC-2020), 5-8 July, Paper ID: 309, Krakow, Poland, *Brick and Block Masonry – From Historical to Sustainable Masonry*, CRC Press, Taylor & Francis, 379-387, ISBN: 978-1-003-09850-8 (eBook), ISBN: 978-0-367-56586-2 (Hbk).
DOI: <https://doi.org/10.1201/9781003098508-51>
- 20 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2020). “Cyclic Two-Way Out-of-Plane Testing of Unreinforced Masonry Walls Retrofitted using Composite Materials”, **Construction and Building Materials** (Elsevier), 238, 117784 (1-24). [SCI, Q1, IF = 7.4] Journal Article
DOI: <https://doi.org/10.1016/j.conbuildmat.2019.117784>
- 19 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2020). “Tensile Properties of Wire and Fibre Reinforced Cementitious Matrix Composites for Strengthening of Masonry Structures”, **Structures** (Elsevier), 23, 164-179. [SCI, Q1, IF = 3.9] Journal Article
DOI: <https://doi.org/10.1016/j.istruc.2019.10.006>
- 18 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2019). “Out-of-Plane Flexural Behaviour of Masonry Wallettes Strengthened using FRP Composites and Externally Bonded Grids: Comparative Study”, **Composites Part B: Engineering** (Elsevier), 176, 107302 (1-23). [SCI, Q1, IF = 12.7] Journal Article
DOI: <https://doi.org/10.1016/j.compositesb.2019.107302>
- 17 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2019). “Out-of-Plane Flexural Strengthening of URM Wallettes using Basalt Fibre Reinforced Polymer Composite”, **Construction and Building Materials** (Elsevier), 216, 272-295. [SCI, Q1, IF = 7.4] Journal Article
DOI: <https://doi.org/10.1016/j.conbuildmat.2019.04.268>
- 16 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2018). “Efficacy of Basalt Fibre Reinforced Cement Mortar Composite for Out-of-Plane Strengthening of Unreinforced Masonry”, **Construction and Building Materials** (Elsevier), 191, 1172-1190. [SCI, Q1, IF = 7.4] Journal Article
DOI: <https://doi.org/10.1016/j.conbuildmat.2018.10.077>
- 15 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2018). “Experimental Investigation of Out-of-Plane Behaviour of URM Wallettes Strengthened using Welded Wire Mesh”, **Construction and Building Materials** (Elsevier), 190, 1133-1153. [SCI, Q1, IF = 7.4] Journal Article
DOI: <https://doi.org/10.1016/j.conbuildmat.2018.09.176>
- 14 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2018). “Uni-axial Monotonic Compressive Properties of Brick Masonry in India”, *Proceedings of 10th International Masonry Conference (IMC)*, 9-11 July, Paper ID: 639, 1st Edition, 1639-1655, Milan, Italy. Conference Paper
Weblink: <https://www.masonry.org.uk/downloads/s09-639>
- 13 Singh, Y., and **Padalu, P.K.V.R.** (2017). “Seismic Evaluation and Retrofitting of Two Early British-Era Buildings in India”, *Proceedings of Joint Indo-Italian Workshop on Multi-hazard Mitigation of Risks to Cultural Heritage* organized jointly by Indian Institute of Technology, Jodhpur; Embassy of Italy, New Delhi; National Centre for Safety of Heritage Structures; Ministry of Foreign Affairs and International Cooperation, Government of Italy; Department of Science and Technology, Government of India, 4-5 Dec, IIT Delhi, India. Conference Paper
Weblink: <https://www.researchgate.net/publication/384253809>
- 12 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2017). “Retrofitting of a Historical Masonry Building Using RC Shear Wall and Externally Bonded FRP System”, In: Santhanam, M., Gettu, R., Pillai, R.G., Nayar, S.K. (eds), Proceedings of 71st RILEM Annual Week and International Conference (ICACMS-2017), 3-8 September, Indian Institute of Technology Madras, Chennai, India, *Advances in Construction Materials and Systems*, **RILEM Publications PRO 118**, Vol. 3, 607-616, ISBN: 978-2-35158-191-9 (eBook), ISBN: 978-2-35158-190-2 (Set). Book Chapter
Weblink: https://www.rilem.net/publication/publication/507?id_papier=11693
- 11 **Padalu, P.K.V.R.**, Singh, Y., and Das, S. (2017). “Displacement Based Modelling of Out- Conference

- of-Plane Behaviour of Vertically Spanning Unreinforced Masonry Walls”, *Proceedings of 13th Canadian Masonry Symposium (CMS)*, 4-7 June, Paper ID: 009, 1-11, Halifax, Canada.
Weblink: <https://www.canadamasonrydesigncentre.com/research>
- 10 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2016). “Experimental Assessment of Masonry Walls under Seismic Out-of-Plane Action”, *Proceedings of 10th Structural Engineering Convention (SEC)*, 21-23 December, Paper ID: 645, 1-6, CSIR-SERC, Chennai, India.
Weblink: <https://www.researchgate.net/publication/312023317>
- 9 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2016). “Force Based Seismic Evaluation of URM Walls in Out-of-Plane Action”, *Proceedings of 10th Structural Engineering Convention (SEC)*, 21-23 December, Paper ID: 648, 1-6, CSIR-SERC, Chennai, India.
Weblink: <https://www.researchgate.net/publication/312023190>
- 8 **Rao, P.P.V.,** and Gupta, L.M. (2016). “Effect of Seismic Zone & Story Height on Response Reduction Factor for SMRF Designed According To IS 1893(Part-1):2002”, *Journal of The Institution of Engineers (India): Series A* (Springer), 97(4), 367-383. [SCImago, Q2, IS = 1.33]
DOI: <https://doi.org/10.1007/s40030-016-0183-x>
- 7 Singh, Y., **Padalu, P.K.V.R.,** Haldar, P., and Kadam, S. (2016). “Seismic Evaluation and Retrofit of Reinforced Concrete and Masonry Buildings”, *Proceedings of National ARCCS Workshop*, 22-23 September, 23-41, CSIR-CBRI, Roorkee, India.
Weblink: <https://www.researchgate.net/publication/308915403>
- 6 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2016). “Seismic Safety Assessment of an Unreinforced Masonry Building: A Case Study”, *Proceedings of International NAFEMS Conference (NAFEMS-3D)*, 29-31 August, Paper ID: NI3D113, 1-17, NAFEMS, Bengaluru, India.
Weblink: <https://www.researchgate.net/publication/307607191>
- 5 **Padalu, P.K.V.R.,** Singh, Y., and Das, S. (2016). “Numerical Modelling of the Seismic Behaviour of URM Walls under Out-of-Plane Action: A Literature Review”, *Proceedings of International NAFEMS Conference (NAFEMS-3D)*, 29-31 August, Paper ID: NI3D112, 1-15, NAFEMS, Bengaluru, India.
Weblink: <https://www.researchgate.net/publication/307607168>
- 4 **Rao, P.P.V.** and Gupta, L.M. (2015). “Effect of Seismic Zone & Story Height on Response Reduction Factor for SMRF Designed According To IS 1893:2002”, *Proceedings of 9th Structural Engineering Convention (SEC-2014)*, 22-24 December, Indian Institute of Technology Delhi, New Delhi, India, *Materials, Design and Testing*, **Bloomsbury Publishing India Pvt. Ltd.**, 3785-3806, ISBN: 978-93-84898-71-7.
Weblink: <https://www.researchgate.net/publication/285692853>
- 3 **Padalu, P.K.V.R.,** and Gupta, L.M. (2014). “Overstrength Factor for Steel Moment Resisting Frames Designed According to Indian Seismic Code”, *Proceedings of National Conference on Innovations in Design & Construction of Industrial Structures (IDCIS)*, 3-5 April, 89-94, National Institute of Technology, Durgapur, India.
Weblink: <https://www.researchgate.net/publication/285692855>
- 2 **Padalu, P.K.V.R.** (2011). “Pre-Engineered Buildings: The Latest Trend in Building Construction”, *Proceedings of National Conference on Recent Trends in Engineering and Technology*, 17-18 February, 1-12, YCCE, Nagpur, India.
Weblink: <https://www.researchgate.net/publication/285692757>
- 1 **Padalu, P.K.V.R.** (2010). “Corrosion of Reinforcing Steel in Concrete and its Protection”, *Proceedings of National Conference on Recent Trends in Engineering and Technology*, 25-26 February, 1-4, YCCE, Nagpur, India.
Weblink: <https://www.researchgate.net/publication/285692958>

RESEARCH COLLABORATIONS

| Sr. No. | Collaborators | Institute |
|---------|--------------------------|--|
| 8 | Dr. Aditya Singh Rajput | Dept. of Civil Engg., Indian Institute of Technology Ropar (IITRPR) |
| 7 | Dr. Mitesh Surana | Dept. of Civil Engg., Indian Institute of Technology Ropar (IITRPR) |
| 6 | Dr. Putul Halder | Dept. of Civil Engg., Indian Institute of Technology Ropar (IITRPR) |
| 5 | Prof. Umesh K. Sharma | Dept. of Civil Engg., Indian Institute of Technology Roorkee (IITR) |
| 4 | Prof. Yogendra Singh | Dept. of Earthquake Engg., Indian Institute of Technology Roorkee (IITR) |
| 3 | Dr. Sachin B. Kadam | Dept. of Applied Mechanics, Walchand College of Engineering, Sangli |
| 2 | Prof. Sreekanta Das | Dept. of Civil and Environmental Engg., University of Windsor, Canada |
| 1 | Prof. Laxmikant M. Gupta | Dept. of Applied Mechanics, VNIT, Nagpur |

THESIS / PROJECTS SUPERVISED

| Sr. No. | Title | Name of Scholar | Degree | Status |
|---------|--|--|------------------------------|-----------|
| 5 | Flexural Strengthening of Masonry Panels using FRCM Composites | Mr. Rohan Vashisht (Roll No. 2023810002) | Ph.D. (July 23 - Present) | Ongoing |
| 4 | Seismic Retrofitting Systems Unreinforced Masonry from a Rural Community Perspective | Ms. Shambhavi Trivedi (Roll No. 2022210003) | M.Tech. (Jan 24-May 24) | Completed |
| 3 | Sustainable Strengthening Techniques for Masonry Structures | Mr. Vivek Kumar (Roll No. 2019900013) | M.Tech. (Jan 23-May 23) | Completed |
| 2 | Design Methodologies for Strengthening Masonry Walls using FRCM and FRP Composites | Ms. Shivani Gaulkar (Roll No. 2021210007) | M.Tech. (Jan 23-May 23) | Completed |
| 1 | Seismic Strengthening Techniques for Stone Masonry Buildings | Mr. Rohan Vashisht (Roll No. 2020210023) | M.Tech. (Jan 22-May 22) | Completed |

RESEARCH INTERNS

The following are the details of the guided Summer/Research interns:

| Sr. No. | Student Name | Institute | Session |
|---------|-------------------|-------------------------------|------------------------|
| 5 | Sahitya Bhoyar | NITK Surathkal | May 2025 - July 2025 |
| 4 | Jaya Vardhan Dora | Central University of Haryana | Feb 2024 - May 2024 |
| 3 | J. L. Sriniketh | NIT Tiruchirappalli | June 2023 - July 2023 |
| 2 | Rohan Vashisht | IIIT Hyderabad | March 2023 - July 2023 |
| 1 | Nithin Palchuri | BITS Pilani (Rajasthan) | May 2021- July 2021 |

The following are the details of the guided students from IIIT-H for a Mini-Project (2021-22):

| Sr. No. | Student Name | Roll No. | Lab/Centre |
|---------|----------------------|------------|---|
| 8 | S. Jai Ganesh | 2019113023 | Computational Natural Sciences and Bioinformatics |
| 7 | Shlok Pandey | 2020121008 | Software Engineering |
| 6 | Amula Venkat Adithya | 2019111025 | Visual Information Technology |

| | | | |
|---|----------------------|------------|---|
| 5 | Dhayanithi Niteesh | 2019112015 | VLSI and Embedded Systems Technologies |
| 4 | K Ganesh Chandan | 2019113024 | Computational Natural Sciences and Bioinformatics |
| 3 | Kadam Aditya Santosh | 2020121009 | Language Technology |
| 2 | Ayush Goyal | 2019111026 | Data Science and Analysis |
| 1 | Anjali Singh | 2019112016 | VLSI and Embedded Systems Technologies |

PROFESSIONAL RECOGNITION / ACHIEVEMENTS / PRIZES

| Sr. No. | Detail | Awarded By | Month/Year |
|---------|---|--|------------|
| 35 | Outstanding IAStructE Student Chapter Award (2022-23) | IAStructE, New Delhi, India | 11/2024 |
| 34 | ISTE - SGSITS National Award - 2023 for Best Research by Young Teachers (Below 35 years) of Engineering Colleges | ISTE, New Delhi, India | 06/2024 |
| 33 | D.K. Paul Research Award for Best Ph.D. Thesis in Earthquake Risk Reduction in India | ISET, Roorkee, India | 11/2022 |
| 32 | Young Engineer of the Year Award | IEI (India), Telangana State Chapter | 09/2021 |
| 31 | Promising Young Structural Engineer Award | IAStructE, New Delhi, India | 07/2021 |
| 30 | National Post-Doctoral Fellowship at IIT Madras | SERB (DST, Govt of India) | 12/2020 |
| 29 | SWISS Govt. Excellence Research Scholarship (2017-18) | EPFL, Switzerland | 04/2017 |
| 28 | Two Best Paper Awards in "NAFEMS 3D" International Conference on Engineering Modelling, Analysis, and Simulation | FICCI-NKFH-Royal Academy of Engineering, UK | 08/2016 |
| 27 | Doctoral Research Fellowship (2014-19) | MHRD, India | 12/2014 |
| 26 | Innovative Student Project Award (Master's Level) for Best M.Tech. Thesis | INAE, New Delhi, India | 12/2014 |
| 25 | Academic Excellence Award for securing the highest CGPA in M-Tech Structural Dynamics & Earthquake Engineering Examination | VNIT, Nagpur, India | 09/2014 |
| 24 | Best Paper Award in "IDCIS-2014" National Conference on Innovations in Design & Construction of Industrial Structures | NIT, Durgapur, India | 04/2014 |
| 23 | 2nd prize in "WAFES 2014" National Level Technical paper presentation | Meenakshi Sundararajan Engineering College, Chennai, India | 02/2014 |
| 22 | 2nd prize in "EQUILLIBRIO 2014" National Level Technical paper presentation | Central University, Bilaspur, India | 01/2014 |
| 21 | Master's Research Scholarship (2012-14) | MHRD, India | 07/2012 |
| 20 | Late Seth Murlidharji Dhiran Nagpur Memorial Gold Medal for securing the highest number of marks in B.E. Examination | R.T.M Nagpur University, India | 09/2012 |
| 19 | Late Dr. Deshraj Budharaja Memorial Gold Medal for securing the highest number of marks in the annual B.E. Examination | R.T.M Nagpur University, India | 09/2012 |
| 18 | Golden Jubilee, I.E. (I) Nagpur Centre Gold Medal for securing the highest number of marks in the annual Final B.E./B.Tech. Examination | R.T.M Nagpur University, India | 09/2012 |
| 17 | Pradeep Kumar Dwivedi Memorial Gold Medal for obtaining | R.T.M Nagpur University, | 09/2012 |

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|----|---|--|---------|
| | the highest percentage of marks from amongst the examinees successful at the B.E. (CIVIL) Final Examination | India | |
| 16 | Smt. Vimal Panmal Banthia Gold Medal for securing the highest percentage of marks amongst examinees successful at the B.E. Civil Final Examination | R.T.M Nagpur University, India | 09/2012 |
| 15 | Late Smt. Sushilabai Manoharrao Vaidya Memorial Gold Medal for securing the highest number of marks in the annual B.E. (Civil) Examination | R.T.M Nagpur University, India | 09/2012 |
| 14 | Late Manohar Bhai Patel Gold Medal No. 112046, P. Pravin Kumar Venkat Rao, Ramdeobaba College of Engineering, Nagpur, for securing the highest number of marks amongst all the examinees appearing for Final B.E. Examination in the three branches Viz - Production Engineering, Electronics Engineering and Civil Engineering | R.T.M Nagpur University, India | 09/2012 |
| 13 | NIT Kozhikode National Award for Best B.Tech. Project (Civil Engg & Architecture) | ISTE, New Delhi, India | 09/2011 |
| 12 | 1st prize in "SUNFEST 2011" National Level Technical paper presentation | Sunflower College of Engineering & Technology, Lankapalli, India | 02/2011 |
| 11 | 1st prize in National Level AutoCAD competition | Sunflower College of Engineering & Technology, Lankapalli, India | 02/2011 |
| 10 | Best Paper Award in "SPANDAN 2011" National Conference on Recent Trends in Engineering & Technology | YCCE, Nagpur, India | 02/2011 |
| 9 | 1st prize in the National Level Technical Quiz Competition | SRKNEC, Nagpur, India | 01/2011 |
| 8 | Shri Damodar Haripant Khedkar Memorial Award for Excellence in academics in 4th-year B.E - Civil Engineering | SRKNEC, Nagpur, India | 2011 |
| 7 | Ram Bajaj Unchi Udaan Civilian of the Year Award (Gold Medal) | SRKNEC, Nagpur, India | 2010 |
| 6 | 1st prize in "SPANDAN 2010" National Level Technical paper presentation | YCCE, Nagpur, India | 02/2010 |
| 5 | Shri Arjundeoji Sahani Memorial Award for Excellence in Academics in 3rd-year B.E - Civil Engineering | SRKNEC, Nagpur, India | 2009 |
| 4 | 2nd prize in the "MINDFRAME" National Level Auto-CAD Competition | G. H. Raison Engineering College, Nagpur, India | 02/2009 |
| 3 | 1st prize in "STHAPANA 2K9" National Level Technical paper presentation | VNRVJIET, Secundrabad, India | 01/2009 |
| 2 | ' Gold Medal ' for outstanding performance throughout the year in Diploma - Civil Engineering | Govt. Polytechnic, Nagpur, India | 08/2007 |
| 1 | Siddiq Bhai Awali Memorial Award for excellence in academics in Diploma - Civil Engineering | Govt. Polytechnic, Nagpur, India | 08/2007 |

PROFESSIONAL MEMBERSHIPS

| Sr. No. | Detail |
|---------|--|
| 5 | RILEM, France - Young Member (40320) |
| 4 | Earthquake Engineering Research Institute (EERI), USA - Affiliate Member (32344) |
| 3 | Indian Society of Earthquake Technology (ISET) - Life Member (LM 1777) |
| 2 | The Institution of Engineers (India) - Member (M-1715741) |
| 1 | Indian Association of Structural Engineers (IAStructE) - Member (M-313) |

TEACHING EXPERIENCE

| Sr. No. | Course | Code | Institution | Year/Session |
|---------|--|----------|----------------|--------------|
| 8 | Advanced Structural Analysis | CE 1.603 | IIIT Hyderabad | 2020-25 |
| 7 | Earthquake Resistant Design of Masonry Structures | CE 1.607 | IIIT Hyderabad | 2021-24 |
| 6 | Theory of Elasticity | CE 0.501 | IIIT Hyderabad | 2021-24 |
| 5 | Disaster Management | CE 8.401 | IIIT Hyderabad | 2021-23 |
| 4 | Advanced Earthquake Resistant Design of Structures | EQN 512 | IIT Roorkee | 2016-18 |
| 3 | Earthquake Resistant Design of Structures | EQN 563 | IIT Roorkee | 2016-18 |
| 2 | Engineering Mechanics Laboratory | AMP 151 | VNIT Nagpur | 2012-14 |
| 1 | Engineering Drawing Practical | MEP 101 | VNIT Nagpur | 2012-13 |

POSITION OF RESPONSIBILITY

| Sr. No. | Section/office/ Institute level committee | From | To | Position held | Responsibilities |
|---------|---|----------|----------|----------------------------|--|
| 9 | Bureau of Indian Standards (BIS) - CED 39 | 08/09/24 | Present | Alternate Member | Standardization in the field of design and construction of earthquake-resistant structures |
| 8 | Bureau of Indian Standards (BIS) - CED 13 - P5 | 26/10/23 | Present | Principal Member | Revision of 'Masonry' codal guidelines and standards |
| 7 | IAStructE - IIIT Hyderabad Student's Chapter | 29/08/22 | Present | Faculty Advisor | Organizing guest lectures, arranging site visits and workshops to train the students |
| 6 | Experimental Lab Setup at EERC | 01/03/22 | Present | Faculty In-charge | Developing the structural & materials test facility |
| 5 | Silver Jubilee Celebrations - 2023 at IIIT Hyderabad | 14/11/21 | 03/09/23 | Member of Events Committee | Sports activities for students, faculty, staff, family and alumni |
| 4 | Post Graduate Entrance Exam (PGEE-2024) at IIIT Hyderabad | 09/01/25 | 19/04/25 | Co-Ordinator | The setting of question paper for Civil Engg. specialization |
| 3 | White Friday 2023 at IIIT Hyderabad | 26/02/23 | 31/03/23 | Co-Ordinator | Arranging presentations and reviewing the progress of research |

scholars

| | | | | | |
|---|--|----------|----------|-----------------------------|---|
| 2 | R&D Showcase 2022 at IIIT Hyderabad | 08/01/22 | 12/03/22 | Member of Faculty committee | Planning and execution |
| 1 | NPTEL course on "Ordinary and Partial Differential Equations and Applications - MA 4.401 at IIIT Hyderabad | 31/12/20 | 30/04/21 | Teaching Duty | Course review and conduct of exam in Spring 2020-21 |

INVITED TALKS / MODERATOR

| Sr. No. | Title/Session | Institution/Organization |
|---------|---|--|
| 34 | Displacement-based modelling for the out-of-plane response of masonry walls | Keynote Lecture for the International Conference on Advances in Structural and Geotechnical Engineering (ASAGE-2025), organized by the Dept. of Civil and Environmental Engineering, IIT Patna (<u>Bihar</u>) on 8 th Feb 2025. |
| 33 | Innovative structural conservation repair and strengthening (Session: 13) | Session Chair for the International Conference on Advances in Structural and Geotechnical Engineering (ASAGE-2025), organized by the Dept. of Civil and Environmental Engineering, IIT Patna (<u>Bihar</u>) on 7 th Feb 2025. |
| 32 | Seismic evaluation and strengthening of structures (Session: 9) | Session Chair for the International Conference on Advances in Structural and Geotechnical Engineering (ASAGE-2025), organized by the Dept. of Civil and Environmental Engineering, IIT Patna (<u>Bihar</u>) on 7 th Feb 2025. |
| 31 | Blast, fire, impact and safety engineering (Session: 10-5) | Session Co-chair for 14 th Structural Engineering Convention (SEC-2024), organized by the Dept. of Civil Engineering, NIT Tiruchirappalli (<u>Tamil Nadu</u>) on 14 th Dec 2024. |
| 30 | Computational mechanics, numerical modelling & simulation (Session: 7-6) | Session Chair for 14 th Structural Engineering Convention (SEC-2024), organized by the Dept. of Civil Engineering, NIT Tiruchirappalli (<u>Tamil Nadu</u>) on 13 th Dec 2024. |
| 29 | Tri-linear force-displacement model for out-of-plane behaviour of unreinforced masonry wall | Keynote Address for 14 th Structural Engineering Convention (SEC-2024), organized by the Dept. of Civil Engineering, NIT Tiruchirappalli (<u>Tamil Nadu</u>) on 12 th Dec 2024. |
| 28 | Sustainable materials for construction (Session: 1-2) | Session Co-chair for 14 th Structural Engineering Convention (SEC-2024), organized by the Dept. of Civil Engineering, NIT Tiruchirappalli (<u>Tamil Nadu</u>) on 12 th Dec 2024. |
| 27 | Strengthening of masonry walls using advanced composite materials for earthquake loads | Guest Lecture for the Finishing School Programme of Civil Engineering graduates from Mewar International University, Nigeria, organized by National Academy of Construction (NAC), Hyderabad (<u>Telangana</u>) on 06 th Sep 2024. |

- 26 Concepts of earthquake-resistant design **Keynote Lecture** for 5th Semester, UG students of Civil Engg., Gandhi Institute for Technology (GIFT), Bhubaneswar, Odisha, organized by National Academy of Construction (NAC), Hyderabad (Telangana) on 10th July 2024.
- 25 Role of composite materials in strengthening existing masonry **Guest Lecture** for PG students of Dept. of Earthquake Engineering, IIT Roorkee (Uttarakhand) on 16th Feb 2024.
- 24 Low-cost and advanced composites for strengthening existing masonry in out-of-plane bending **Guest Lecture** for “One Day Symposium on Earthquake Preparedness in India” at the Dept. of Civil Engineering, Christ University, Kengeri Campus, Bangalore (Karnataka) on 31st Jan 2024.
- 23 Concrete structures (Session-37) **Session Chair** for 13th Structural Engineering Convention organized by the Dept. of Applied Mechanics, VNIT Nagpur (Maharashtra) on 8th Dec 2023.
- 22 Soil-structure interaction (Session-10) **Session Co-chair** for 13th Structural Engineering Convention organized by the Dept. of Applied Mechanics, VNIT Nagpur (Maharashtra) on 7th Dec 2023.
- 21 Composites and construction (Session-2) **Session Chair** for 13th Structural Engineering Convention organized by the Dept. of Applied Mechanics, VNIT Nagpur (Maharashtra) on 7th Dec 2023.
- 20 Seismic strengthening of masonry structural components using fibre-reinforced polymer (FRP) composites Online **Expert Lecture** for M. Tech. – Structural Engineering students organized by Delhi Technological University (DTU) (Delhi) on 5th Oct 2023.
- 19 Retrofitting of masonry structural components using fibre reinforced cementitious matrix (FRCM) composites Online **Guest Lecture** for UG students and faculty members under the component of “Improve Student Learning” organized by College of Engineering Roorkee (COER) University, Roorkee (Uttarakhand) on 4th Oct 2023.
- 18 Strengthening of masonry walls using FRP and TRM composites for seismic loads **Keynote Lecture** for Finishing School Programme for Civil Engineers organized by National Academy of Construction (NAC), Hyderabad (Telangana) on 24th Aug 2023.
- 17 Masonry buildings strengthened with wire or textile-fibre composites Online **Keynote Lecture** for Faculty Development Programme (FDP) sponsored by AICTE, organized by Kallam Haranadhareddy Institute of Technology, Guntur (Andhra Pradesh) on 10th July 2023.
- 16 Strengthening of masonry walls using advanced composite materials for earthquake loads **Guest Lecture** for Civil Engineering students of IIIT Basar, Rajiv Gandhi University of Knowledge Technologies, organized by National Academy of Construction (NAC), Hyderabad (Telangana) on 1st June 2023.
- 15 Seismic behaviour of strengthened masonry walls using low-cost and innovative composites **E-Expert Lecture** for the PG students and faculty of Dept. of Civil Engineering organized by Siksha ‘O’ Anusandhan (Deemed to be) University, Bhubaneswar (Orissa) on 6th Dec 2022.
- 14 Seismic evaluation and retrofitting of **Session Chair** for 17th Symposium on Earthquake

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| | structures (Session-5) | Engineering organized by the Dept. of Earthquake Engineering, IIT Roorkee (<u>Uttarakhand</u>) on 16 th Nov 2022. |
| 13 | Seismic design philosophy and earthquake-resistant design of steel structures | Online Guest Lecture for the UG students of Architecture and Planning, D Y Patil College of Architecture, Akurdi, Pune (<u>Maharashtra</u>) on 24 th Mar 2022. |
| 12 | Seismic retrofitting of masonry walls using low-cost and modern techniques | Online Expert Lecture for Faculty Development Program (FDP) sponsored by AICTE, organized by Bansal Institute of Engineering and Technology, Lucknow (<u>Uttar Pradesh</u>) on 5 th Mar 2022. |
| 11 | Slope and deflection of determinate beams | Guest Lecture for the UG students of Civil Engineering, Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur (<u>Maharashtra</u>) on 27 th Jan 2022. |
| 10 | Out-of-plane strengthening of unreinforced masonry walls using modern composite materials | A Technical Session for an online workshop on 'Experimental and Analytical Techniques for Evaluating the Seismic Strengthening Measures for Masonry Structures' at the IIT Patna (<u>Bihar</u>) on 24 th Oct 2021. |
| 9 | Seismic safety and strengthening of existing masonry buildings using cementitious and polymer composites | Online Webinar for the PG students, School of Civil Engineering, Vellore Institute of Technology (VIT), Vellore (<u>Tamil Nadu</u>) on 13 th Oct 2021. |
| 8 | Construction and demolition waste management | Session Chair for the national level presentation competition was organized by Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur (<u>Maharashtra</u>) on 9 th Oct 2021. |
| 7 | Seismic retrofitting of masonry walls using FRP and TRM composites | Keynote Talk for Webinar on 'Mountains of the future: Geo-Scientific and Technical Issues in DRR' organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, GoI (<u>Delhi</u>) on 29 th Sep 2021. |
| 6 | Experimental out-of-plane assessment of FRP and external bonded grids strengthening system for masonry walls | E-Expert Talk for Online Faculty Development Program (FDP) sponsored by AICTE, ATAL scheme organized by MMM University of Technology Gorakhpur (<u>Uttar Pradesh</u>) on 23 rd Sep 2021. |
| 5 | External flexural strengthening of masonry walls using modern materials under seismic action | Expert Talk for Online Faculty Development Program (FDP) sponsored by AICTE, ATAL scheme organized by Govt. Engineering College (GEC), Bilaspur (<u>Chhattisgarh</u>) on 7 th Sep 2021. |
| 4 | Role of composite material in strengthening of URM walls | Guest Lecture for a short-term training programme on "Retrofitting and Rehabilitation of Structures" at the National Institute of Technical Teachers' Training & Research (NITTTR), Chandigarh (<u>Punjab</u>) on 28 th July 2021. |
| 3 | Seismic behaviour and strengthening of unreinforced masonry walls | E-expert Talk at Dept. of Civil Engineering, Amrutvahini College of Engineering, Sangamner (<u>Maharashtra</u>) on 23 rd May 2021. |
| 2 | Green building technology/Use of robotics at the site of work | The Jury in the 'National Level Online Poster Competition' organized by Government Polytechnic, Gondia (<u>Maharashtra</u>) on 10 th Aug 2020. |
| 1 | Seismic vulnerability study of buildings and retrofitting | Hands-on-Training Course for the Engineers, PWD Tripura at Continuing Education Centre, IIT Roorkee |

WORKSHOPS / LECTURES ORGANIZED

| Sr. No. | Details / Title | Organizer | Date |
|---------|--|---|------------|
| 20 | Seismic Resilient/Robust Structures - <u>Dr. N. Subramanian</u> , Consulting Engineer, Maryland, USA | IAStructE - IIIT Hyderabad Student Chapter | 13/03/2025 |
| 19 | Fundamentals on the Design of Tall Buildings - <u>Dr. Najeeb Shariff Mohammad</u> , Assistant Professor, Dept. of Civil Engineering, IIT Bombay | IAStructE - IIIT Hyderabad Student Chapter | 03/03/2025 |
| 18 | India's Infrastructure Towards Resilience: Tackling Dilapidated Structures with Research-Driven Strategies - <u>Dr. Aditya Singh Rajput</u> , Assistant Professor, Dept. of Civil Engineering, IIT Ropar | IAStructE - IIIT Hyderabad Student Chapter | 21/01/2025 |
| 17 | Cold-Formed Steel Structures: Emerging Research and Applications - <u>Dr. Mohammad Adil Dar</u> , Assistant Professor, Dept. of Civil Engineering, BITS Pilani (Hyderabad Campus) | IAStructE - IIIT Hyderabad Student Chapter | 20/11/2024 |
| 16 | Structure as Architectural Interposition - <u>by Dr. Ar. Er. S. P. Anchuri</u> , Chief Consultant, Anchuri & Anchuri, Hyderabad | IAStructE - IIIT Hyderabad Student Chapter | 14/09/2024 |
| 15 | A Case Study on "Deopani Bridge" - Gateway to Dibang Valley in Arunachal Pradesh - <u>by Dr. M. Kishore Kumar (IES, Retd.)</u> , CGM, KPC Projects Ltd., Hyderabad; Former Director, BRO, Govt. of India | IAStructE - IIIT Hyderabad Student Chapter | 04/09/2024 |
| 14 | Seismic Vulnerability and Risk Assessment: ML Approach - <u>Dr. Ratnesh Kumar</u> , Professor, Dept. of Applied Mechanics, VNIT Nagpur | IAStructE - IIIT Hyderabad Student Chapter | 29/08/2024 |
| 13 | MvDad Cloud-based RC Building Earthquake Resistant Structural Design Software - <u>Mr. B. P. Karamchandani</u> , Founder & CEO, MvDad.com | IAStructE - IIIT Hyderabad Student Chapter | 14/08/2024 |
| 12 | Earthquake Performance Assessment of Buildings: Non-Linear Static Analysis - <u>Dr. Mitesh Surana</u> , Assistant Professor, Dept. of Civil Engineering, IIT Ropar | IAStructE - IIIT Hyderabad Student Chapter | 25/01/2024 |
| 11 | Sensor-Based Structural Health Monitoring - <u>Prof. Nemkumar Banthia</u> , University of British Columbia, Canada | IAStructE - IIIT Hyderabad Student Chapter | 23/01/2024 |
| 10 | A one-day workshop on "Seismic Safety of Masonry Structures" <ul style="list-style-type: none"> ▪ Modelling and Seismic Analysis of Existing Masonry Structures: Recent Research Experiments at IIT Madras - <u>Dr. Arun Menon</u>, Professor, Dept. of Civil Engineering, IIT Madras ▪ Seismic Safety of Masonry Adobes through Caging, Confinement, and Waste Added Engineered Cementitious Composites - <u>Dr. Sanket Nayak</u>, Associate Professor, Dept. of Civil Engineering, IIT | SERB (DST, GoI), IAStructE - IIIT Hyderabad Student Chapter | 11/11/2023 |

(ISM) Dhanbad

- Strengthening of Masonry using Externally Bonded Cementitious Matrix Grid - Dr. Vaibhav Singhal, Associate Professor, Dept. of Civil Engineering, IIT Patna
- Influence of Textile Reinforcement on the Performance Enhancement of Masonry Structures - Dr. R Siva Chidambaram, Senior Scientist, CSIR:CBRI Roorkee

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| 9 | Futuristic Construction Chemicals for Rapidly Growing Construction Industry - <u>Dr. Muralidhar Kamath</u> , General Manager, Technical Services, Apple Chemie India Private Ltd., Nagpur | IAStructE - IIIT Hyderabad Student Chapter | 11/10/2023 |
| 8 | Seismic Safety of Building Construction in India under Severe Earthquakes by using Passive Energy Dissipating Devices (PEDD) - <u>Dr. Pankaj Agarwal</u> , Professor, Dept. of Earthquake Engineering, IIT Roorkee | IAStructE - IIIT Hyderabad Student Chapter | 13/09/2023 |
| 7 | Probabilistic Framework for Seismic Vulnerability Assessment of Aging Infrastructure Systems - <u>Dr. Shivang Shekhar</u> , Assistant Professor, Dept. of Civil Engineering, IIT Mandi | IAStructE - IIIT Hyderabad Student Chapter | 25/08/2023 |
| 6 | Hands-On-Training Session on "Understanding Non-Linear Analysis of RC Buildings" - <u>Mr. Mihir Jain</u> , Technical Lead, MIDAS USA | IAStructE - IIIT Hyderabad Student Chapter | 26/04/2023 |
| 5 | Non-Engineered 2.0 - A Call to Action - <u>Dr. Martijn Schildkamp</u> , CEO, Smart Shelter Research, Netherlands | IAStructE - IIIT Hyderabad Student Chapter | 15/03/2023 |
| 4 | Ultra-High-Performance Fibre Reinforced Concrete - From Fundamentals to Applications in Bridge Engineering - <u>Dr. Vanama Raghava Kumar</u> , Assistant Professor, Dept. of Civil Engineering, NIT Trichy | IAStructE - IIIT Hyderabad Student Chapter | 23/02/2023 |
| 3 | Effect of Infill with Opening on Seismic Performance of RC Frame Buildings - <u>Dr. Putul Haldar</u> , Assistant Professor, Dept. of Civil Engineering, IIT Ropar | IAStructE - IIIT Hyderabad Student Chapter | 12/10/2022 |
| 2 | Earthquake Hazard Studies in India - <u>Dr. Davuluri Srinagesh</u> , Professor of Practice, IIT Madras & Retd. Scientist, CSIR:NGRI Hyderabad | IAStructE - IIIT Hyderabad Student Chapter | 13/09/2022 |
| 1 | Seismic Response Estimation of Structures - <u>Dr. Yogendra Singh</u> , Professor, Dept. of Earthquake Engineering, IIT Roorkee | IAStructE - IIIT Hyderabad Student Chapter | 29/08/2022 |

SHORT-TERM COURSES ATTENDED

| Sr. No. | From | To | Level | Organized by | Details |
|----------------|-------------|------------|---------------|--------------------------|--|
| 15 | 21/02/2025 | 22/02/2025 | International | NIT Karnataka, Surathkal | Collaborative Workshop and Capacity Building on 3D Concrete Printing: Innovations and Applications |

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|----|------------|------------|---------------|---|--|
| 14 | 11/12/2024 | - | International | IIT Madras & NIT Trichy | International Workshop on "Sustainable Construction Materials and Management Practices" |
| 14 | 21/09/2024 | - | International | IIT Bombay | International Workshop on "Conservation of Heritage Structures: Connecting the Past and Future" |
| 13 | 22/09/2016 | 23/09/2016 | National | CSIR-CBRI, Roorkee, India | National Workshop on "Advances in Repair and Rehabilitation of Concrete Structures" |
| 12 | 29/08/2016 | 31/08/2016 | International | FICCI-NKFH-Royal Academy of Engineering, UK | FEM and Practical Stress Analysis: Benchmark and Best Practices |
| 11 | 01/03/2016 | 11/03/2016 | National | NCSHS, IIT Madras, India | GIAN course on "Computations for Historical Masonry" |
| 10 | 08/02/2016 | 20/02/2016 | National | NCSHS, IIT Madras, India | GIAN course on "Seismic Analysis and Design of Masonry Structures" |
| 9 | 30/07/2015 | - | National | CSIR-CBRI, Roorkee, India | Industrial Meet on "Building Materials & Disaster Mitigation Technologies" |
| 8 | 20/12/2014 | 21/12/2014 | International | IIT Delhi | International Workshop on "Emerging Trends in Earthquake Engineering & Structural Dynamics" |
| 7 | 07/12/2014 | 09/12/2014 | International | VNIT Nagpur, India | Indo-Norwegian Training Programme on "Seismic Design of Multi-Story Buildings: IS 1893 vs. Eurocode 8" |
| 6 | 29/03/2014 | - | National | VNIT Nagpur, India | Short-Term Training Programme (STTP) on "Practical Aspects of Structural Design" |
| 5 | 05/03/2014 | 09/03/2014 | National | VNIT Nagpur, India | Workshop on "Seismic Analysis and Design of RC Buildings" |
| 4 | 18/02/2014 | 22/02/2014 | National | NIT Durgapur, India | Workshop on "Non-Linearities in Structural Engineering and Mechanics" |
| 3 | 17/06/2013 | 26/06/2013 | National | IIT Kanpur, India | Literature Survey Workshop on "Earthquake Engineering" |
| 2 | 22/06/2011 | - | National | NEERI, Nagpur, India | International Level Young Water Professional Programme |
| 1 | 04/02/2007 | - | National | SRKNEC, Nagpur | Interactive Workshop on "Entrepreneurship Awareness Programme" |

PEER REVIEWER OF JOURNALS

| Sr. No. | Detail | Level |
|---------|---|---------------|
| 19 | Canadian Journal of Civil Engineering (NRC Research Press) | International |
| 18 | Construction and Building Materials (Elsevier) | International |
| 17 | Discover Applied Sciences (Springer) | International |
| 16 | Discover Mechanical Engineering (Springer) | International |
| 15 | Earthquakes and Structures (Techno-Press) | International |
| 14 | Engineering Structures (Elsevier) | International |
| 13 | Iranian Journal of Science and Technology, Transactions of Civil Engg. (Springer) | International |
| 12 | International Journal of Architectural Heritage (Taylor & Francis) | International |
| 11 | ISET Journal of Earthquake Technology (IAEE) | National |
| 10 | Journal of Building Engineering (Elsevier) | International |
| 9 | Journal of Building Pathology and Rehabilitation (Springer) | International |
| 8 | Journal of Earthquake Engineering (Taylor & Francis) | International |
| 7 | Journal of Engineering and Technological Sciences (Ministry of Research, Indonesia) | International |
| 6 | Journal of Institution of Engineers (India): Series A (Springer) | National |
| 5 | Periodica Polytechnica Civil Engineering (Budapest University of Technology) | International |
| 4 | Proceedings of the Institution of Civil Engineers - Civil Engineering (ICE) | International |
| 3 | Sadhana (Springer and Indian Academy of Sciences) | National |
| 2 | Scientia Iranica (Sharif University of Technology, Iran) | International |
| 1 | Structures (Elsevier) | International |

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