

CV of Pallab Jyoti Das

Name: : Dr. Pallab Jyoti Das  
Designation: : Assistant Professor  
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Sex: : Male  
Date of Birth: : 18-01-1993

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> Std.	2008	Board of Secondary Education Assam (SEBA)	-
2	HSSLC/10+2 Std.	2010	Assam Higher Secondary Education Council (AHSEC)	Science
3	Degree (Please Specify) B.Tech	2014	National Institute of Technology Silchar	Civil Engineering
4	Master's Degree (Please Specify)	NA	NA	NA
5	M. Phil.(Please Specify)	NA	NA	NA
6	Ph. D. (Please Specify)	2022	Indian Institute of Technology Guwahati	Structural Engineering
7	Post-Doctoral (Please Specify)	NA	NA	NA
8	Others(Please Specify)	NIL	NIL	NIL

Languages known: English, Hindi, Bengali, Assamese, Sanskrit  
(Read, Write & Speak)

Academic/ Administrative Experience:

- Faculty Member, NAAC Committee (GCU)
- Faculty Coordinator, Consultancy Committee (GCU)
- University Outreach Programme Committee member (GCU)
- Faculty In-charge, Surveying Laboratory (CE, GCU)

List of Publications:

Patent:

1. Deb, S. K., Das, P. J., (2021). Hybrid buckling restrained brace with high damping capacity and manufacturing method thereof, Patent No. 508542, Date of Grant - 08 Feb, 2024

Journal:

1. Das, P.J. & Deb, S.K., (2023). Experimental Study of Newly Developed Hybrid Buckling-Restrained Brace with Different Infill-Layer Geometries under Cyclic Loading. Practice Periodical on Structural Design and Construction, ASCE. 28(4), 04023040, DOI: <https://doi.org/10.1061/PPSCFX/SCENG-1316>
2. Das, G., Das, P.J. & Deb, S.K., (2023). Seismic retrofit of torsionally coupled RC soft-storey building using short yielding core BRBs. Journal of Building Engineering, Elsevier, 65, 105742, DOI: <https://doi.org/10.1016/j.jobbe.2022.105742>
3. Das, P. J. & Deb, S. K., (2022), Seismic performance evaluation of a new hybrid buckling restrained brace (HyBRB) under cyclic loading, Journal of Structural Engineering, ASCE, 148(6), 04022069, DOI: [https://doi.org/10.1061/\(ASCE\)ST.1943541X.0003372](https://doi.org/10.1061/(ASCE)ST.1943541X.0003372)
4. Basar, T., Deb, S. K., Das, P. J., & Sarmah, M., (2021). Seismic response control of low-rise unreinforced masonry building test model using low-cost and sustainable un-bonded scrap tyre isolator (U-STI). Soil Dynamics and Earthquake Engineering, Elsevier, 142, 106561, DOI: <https://doi.org/10.1016/j.soildyn.2020.106561>

Book Chapter:

1. Das, P. J. & Deb, S. K., (2023). Experimental study on open core hybrid buckling restrained braces with different debonding layer geometries, *ce/papers (Proceedings in Civil Engineering)*, Wiley, 6(3-4), 2344-2349, DOI: <https://doi.org/10.1002/cepa.2656>

Conference Papers:

1. P. J. Das and S. K. Deb, (2024). Seismic Vulnerability Reduction of a Soft Ground-Story RC Building with Open-Core BRBs, 18th World Conference on Earthquake Engineering, Milan, Italy (accepted).
2. P. J. Das and S. K. Deb, (2023), Seismic Fragility Analysis of RC Building with Soft Ground Story Retrofitted Using Open Core-Hybrid BRB, International Conference on Condition Assessment, Rehabilitation & Retrofitting of Structures (CARRS 2023), IIT Hyderabad
3. P. J. Das and S. K. Deb, (2023). Experimental study on open core hybrid buckling restrained braces with different debonding layer geometries, Eurosteel 2023, Amsterdam.
4. Das, P. J., Deb, S. K., (2022). Seismic Fragility Analysis of RC Building with Open Ground Story Retrofitted using HyBRB, Socio-Technological Aspects of Seismic Disaster and its Mitigation (STASDM), IIT Guwahati
5. Das, P. J., Deb, S. K., (2018). Simplified Design of Open-core Buckling Restrained Brace for Enhancement of Damping. 16th Symposium on Earthquake Engineering, IIT Roorkee, Paper ID: 253

Research Experience:

- Doctoral thesis guided: NIL
- Research & Consultancy Projects: NIL

Membership of Professional bodies: NIL

Award, Fellowship & Recognition: NIL

Date: 26/2/24

*Pallab Jyoti Das.*

Scanned Signature

Dr. Pallab Jyoti Das

(Name)