



BITS Pilani

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Research & Innovation

Ph.D. position under BITS-CDRF (Cross-Disciplinary Research) funded project

Applications are invited for **ONE** position of research fellow for the following project sponsored by BITS Pilani CDRF Research Grant (F. No. C3/26/535):

Title of the project: Durability Assessment of Glued-Fiber Elastomeric Layered Isolators (GFELIs) for Seismic Protection of Buildings

Supervisor: Prof. Mohan S C, Department of Civil Engineering, BITS-Pilani, Hyderabad Campus
Webpage: <https://www.bits-pilani.ac.in/hyderabad/mohan-sc/>

Co- Supervisor: Prof. Ramesh Adusumalli, Department of Chemical Engineering, BITS-Pilani, Hyderabad Campus, Webpage: <https://www.bits-pilani.ac.in/hyderabad/ramesh-adusumalli/>

Scope of the work:

1. Development and testing of proposed isolators
2. Durability and aging studies under environmental exposure
3. Mechanical and material characterization
4. Numerical modelling and seismic analysis
5. Shake-table testing of isolated building models
6. Preparation of technical reports, journal publications

Essential Qualification:

ME/M.Tech in Civil (Structural) or Mechanical or Materials Science and Engineering with First Class or equivalent CGPA.

Desirable Qualification: GATE is preferred. But non-GATE candidates can also apply. Exposure to experimental material testing or characterization, Knowledge of earthquake engineering and structural dynamics, Experience with FEM / Simulation software

Duration: 3- 4 years [normal period]

Place of work: BITS Pilani, Hyderabad Campus, Telangana, India

Fellowship amount: ₹ 37000 per month for the first two years and ₹40,000 or 42,000 after completion of 2 years and approval of the research proposal based on the recommendations of the constituted committee for the same for remaining years.

Application Procedure: Interested candidates should send the following documents via email to mohansc@hyderabad.bits-pilani.ac.in by 15th June 2026:

1. Updated CV
2. Statement of purpose/research interest
3. Copies of degree certificates and mark sheets
4. GATE/NET scorecard (if applicable)

Preliminary shortlisting will be based on resume and qualified candidates will be informed through e-mail for interview. Interviews will be held online (through Google Meet). The selected candidate may be permitted to register for Ph.D programme of BITS, Pilani, subject to the fulfillment of the requirements.

For more details, please contact: Dr. Mohan S C, Department of Civil Engineering,
Email: mohansc@hyderabad.bits-pilani.ac.in, Tel: +91-40 66303672(O)

