

## Advertisement for JRF/PhD position at IIT Hyderabad, India

Applications are invited for a time bound Project Appointment under the following project.

➤ **The position is convertible to Ph.D.**

- \* **Application:** Apply at earliest by sending CV, portfolio to email address of PI
- \* **Last date to apply:** Admission cycle for August 2023 through IITh admissions portal, check portal
- \* **Check:** [www.iith.ac.in](http://www.iith.ac.in)

Work area of the Project	<b>Heritage Architecture &amp; Digital Experience Design</b>	
Title of the Project	<b>“Creating Digital Immersive Heritage Experience, Risk Assessment and Vernacular Architecture Analysis of Five Historically Significant Temple Marvels* of Kashi”</b>	
Funding agency	DST; (funding duration 2+1 years)	
Name of PI	Dr. Shiva Ji	Email: shivaji@des.iith.ac.in
Institute	Department of Design, Indian Institute of Technology Hyderabad, India	
<b>Post(s)</b>	<b>Consolidated fellowship</b>	<b>Qualification</b>
Post 1. <b>Junior Research Fellow – Architecture / Virtual Reality / Digital Architecture / Design</b> Number of posts: 1 (In compliance with DST recommended conditions.)	Rs.31,000/- + 24% HRA per month for first and second years and Rs.35,000/- + 24% HRA per month for third year (HRA or Hostel facility in campus, subject to availability)	<b>Qualification:</b> *M.Arch first class *M.Des first class *M.Tech first class <b>Mandatory:</b> Candidates with knowledge in <u>Virtual Reality and Augmented Reality</u> / Digital Experience Design only should apply. Knowledge of 3D modeling, VR&AR and skills such as C#, C++, Unity, Reality Capture, Cinema 4D, Unreal Engine, Blender, Oculus, etc., is required. <b>Desirable:</b> Conservation and/or research experience and knowledge of <u>Indian vernacular architecture and heritage</u> would be an added advantage.
Post 2. <b>Junior Research Fellow – Architecture / Conservation / Disaster Management</b> Number of posts: 1 (In compliance with DST recommended conditions.)	Rs.31,000/- + 24% HRA per month for first and second years and Rs.35,000/- + 24% HRA per month for third year (HRA or Hostel facility in campus, subject to availability)	<b>Qualification:</b> *M.Arch first class *M.Des first class *M.Tech first class <b>Mandatory:</b> Candidates with knowledge in <u>Conservation / Disaster Management / Risk Assessment</u> only should apply. Knowledge of GIS, Heritage is required. <b>Desirable:</b> Knowledge of <u>Digital tools, mapping and documentation, 3D modeling</u> would be an added advantage.

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**Note:**

- PI reserves the right to alter the number of vacancies in each given posts and/or keep it open till the deserving candidate is found.
- Interested candidates should email their CV and relevant portfolio for shortlisting for interview to given email address of PI.
- Shortlisted candidates for personal interview will be informed over email only and suitable date for interview will be intimated to them.
- Interview may happen online. No campus accommodation will be given for attending personal interview. No TA/DA will be paid to the candidates for appearing in interview if called to campus for interview.
- Candidates with prior experience in relevant area will be given preference.
- Candidates who are about to finish their Master's program may also apply (provisional certificate from their head of institution required).
- Candidates may write email for any clarification to the given email address of PI.

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# PhD Admissions

Project mode  
2023

*in*  
Dept. of Design

Email to -



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

Dr. Shiva Ji  
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*Under*  
# Project based JRF/PhD  
in  
**Heritage; AR/VR; DRR**  
- funded by DST, Govt of India

Work area of the Project:  
**Heritage Architecture & Digital Experience Design**

Title of the Project:  
**"Creating Digital Immersive Heritage Experience,  
Risk Assessment and Vernacular Architecture  
Analysis of Five Historically Significant Temple  
Marvels\* of Kashi"**

*in* **Design aspects of...**

- \* Vernacular architecture
- \* Cultural landscape and connotations
- \* 3D printing, BIM, GIS,
- \* Digital immersive heritage experience
- \* Heritage Impact Assessment
- \* Risk hazard-impact analysis
- \* Disaster Risk Reduction
- \* Conjectural reconstruction
- \* Micro Climate and Air Quality
- \* Lidar, Photogrammetry, Photo recognition,
- \* Geospatial modeling,
- \* Urban spatial linkage and context analysis
- \* Connections at art and craft levels, etc

But not limited to these only.

