



**BITS Pilani**

Pilani | Dubai | Goa | Hyderabad | Mumbai  
Research & Innovation

**ONE PhD Scholar Position**

**Charging Grid with V2G facility**  
**Pilani | Deadline: 10 Nov 2024 |**  
**Joining: At the earliest**

Date: 24 Oct, 2024

Applications are invited for **ONE** position of PhD Scholar on project, “*Development of Renewable Energy Integrated Charging Grid with V2G facility: A Need of Smart Cities*” under the supervision of Prof. Hari Om Bansal and Prof. Amit Dua.

Deserving candidates check the eligibility criteria and qualification process of the PhD program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>).

<b>Scope of work</b>	<b>Essential Qualification</b>	<b>Desirable Qualification</b>
This project aims to develop <i>Renewable Energy Integrated Charging Grid with V2G facility</i> . The candidate will assist the PIs in procurement of components, develop and testing of the control algorithms and prototype development of the complete system.	M.E./M.Tech (Power Electronics, renewable energy, Controls and relevant areas)	Prior working experience on developing of algorithms for Electric vehicle charging, Integration of renewable energy systems, power electronics based projects/courses will have added advantage.

**Fellowship:** ₹37,000 - ₹42,000 per month (based on the year of PhD and performance)

**Duration:** As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

**Place of work:** BITS Pilani, Pilani Campus, Pilani

**Application process:** Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using this form

- Google form link: <https://forms.gle/gwHt9VY6F9SnxsxX6>
- Deadline: 10 Nov 2024

Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail for interview. No TA/DA will be provided in case of personal interview. For more details, please contact:

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