



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Greenko School of Sustainability
Indian Institute of Technology, Hyderabad
Kandi, Sangareddy, 502284

Application Invited from suitable candidates for Greenko Fellowship leading to PhD

Applications are solicited from bright candidates for Greenko Fellowship in the Greenko School of Sustainability to work on the project titled “Development of a Compression Ignition Engine working on Ammonia/Natural Gas & Biodiesel Blends”. The project involves the development of an IC engine working on the principle of dual fuel combustion technology to initiate and sustain combustion in a CI engine. It would involve a combination of detailed experimental investigation to map the overall engine performance, along with CFD analysis to understand in-cylinder combustion dynamics and using Machine Learning techniques to optimize engine operating regimes. The following are the detailed requirements for this position:

Name of the post	Greenko Fellowship leading to PhD
Stipend	Rs 75,000 per month
Period	4 years
Essential qualifications	<ul style="list-style-type: none">• BE/BTech in Mechanical Engineering• ME/MTech in Mechanical Engineering with specialization in Thermal Engineering or related areas
Desirable qualifications	<ul style="list-style-type: none">• Experience in IC engine-related research• Experience in CFD software like Ansys Fluent, OpenFOAM, Converge, Star CCM+• Demonstrative research experience in terms of research reports/thesis/conference, or journal papers• Good communication and writing skills

Please use this Google form to submit applications: <https://forms.gle/9G3ERvDFn9fCThe26>

Closing date of application: 9th June, 2025