



BITS Pilani-ISU Collaborative PhD Program

Date: 20 March 2026

About: Applications are invited from interested and motivated candidates for the joint PhD program offered by BITS Pilani, Pilani Campus, India and Iowa State University, USA as per the following details:	
Position	Joint PhD position from BITS Pilani and Iowa State University, USA Number of Vacancy: 01
Funding Agency	BITS Pilani, India and Iowa State University, USA
Project Title	ALD/PVD Nanolaminate Thin Films for Atomic Oxygen-Resistant, Low-Drag Coatings.
Principal Investigator	Dr. Siddhartha (Sid) Pathak, Associate Professor, Iowa State University, USA Website: https://www.mse.iastate.edu/sidpathak/ Dr. Pritam Kumar Jana, Assistant Professor, BITS Pilani Website: https://www.bits-pilani.ac.in/pilani/pritam-kumar-jana/ Website: https://sites.google.com/view/pkj-lab/home?authuser=0
Project Tenure	4 years
Job Description	Structured 4-years PhD pathway with coursework, spends 2 years at BITS and 2 years at ISU, USA. The candidate will work on the development of computational technique at BITS and will perform experiments at ISU relevant to the project.
Qualification	M.E./M.Tech. or an equivalent Degree, M.Sc./B.E. or an equivalent degree with outstanding performance record.
Upper Age Limit	35 Years
Fellowship/Stipend	Iowa State RA/TA support includes stipend of \$2,400/month to \$2,500/month, full tuition coverage, health insurance, and most university fees (the student may pay a small remaining portion). BITS Pilani will support full scholarship including contingency, international travel grant, etc.
How to Apply	Interested candidates should submit the application through the google form: https://forms.gle/ao89ZGMchy5tccL99
Selection Process	Candidates will be shortlisted based on merit, experience, and project requirements. Shortlisted candidates will be informed of the interview (online). Mere fulfillment of minimum qualification does not guarantee selection.
Contact Email	If you have any questions related to the project, required skills, or encounter any technical issues during the application process, please feel free to reach out via email. pritam.jana@pilani.bits-pilani.ac.in

Application Deadline: 20th April 2026

