ഭാരതീയ സാങ്കേതികവിദ്യാ സ്ഥാപനം പാലക്കാട്
भारतीय प्रौद्योगिकी संस्थान पालक्काड
Indian Institute of Technology Palakkad
Nurturing Minds For a Better World

IIT PALAKKAD

04 December 2025

Notification for Recruitment of Product Design Engineer, Gates Foundation
Ref: IITPKD/2025/050/GATES/PRG

- **Project Areas:** Global Sanitation Center of Excellence (GSCOE) invites applications for a Product Design Engineer position for the project "India Upstream Platform to Advance the Reinvented Toilet Technologies". The Product Design Engineer will design, develop, and optimize sanitation prototypes and system components, working closely with researchers in mechanical, materials, and environmental domains.

- **Required Skills:**

  - Experience with CAD tools such as SolidWorks, Fusion 360, or Creo.
  - Familiarity with prototyping, fabrication, and user-centered design.
  - Prior experience in sanitation, water, or sustainability-related hardware is a plus

- **Eligibility:**

  - B.Tech/M.Tech in Civil/Mechanical Engineering, Product Design, Industrial Design, Materials Engineering, or related fields. A minimum experience of one year in product design is desirable.

- **Key responsibilities:**
  - Develop CAD models, engineering drawings, and fabrication-ready designs.
  - Collaborate with R&D teams to translate research insights into functional prototypes.
  - Evaluate materials, manufacturing methods, and ergonomics for sanitation devices.
  - Support rapid prototyping using 3D printing, machining, and fabrication tools.
  - Conduct performance testing, design iterations, and field validation.
  - Assist in preparing design documentation, BOMs, and validation reports.

- **Age:** Holders of Bachelor's/ Master's degree from any recognized Institute/ University are eligible to apply. Preferable age: less than 30 years at the time of applying. There shall be an age relaxation of 5 years for women / transgender / EWS / OBC-NCL / SC / ST / PWD candidates.

- **Appointment Duration:** 18 Months.

- **No. of Positions:** One

- **Salary Particulars:** The consolidated remuneration for this position will be Rs. 40,000/- (Forty Thousand Rupees Only). Hostel accommodation may be provided at the institute based on availability on a chargeable basis.

- **Deadline for application**: 20 December 2025 (Saturday)

Candidates satisfying the required skills may send their resumes and certificates pertaining to educational qualifications starting from class X (in a single PDF) to office_gscoe@iitpkd.ac.in. The file is to be named as "Your name_"Product Design Engineer_2025-165-CE-PRG-GATES-SPCP".

The subject of the e-mail application should be "Application for Product Design Engineer, GSCOE-IITPKD". The candidate is expected to join immediately after receiving the offer letter.

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