

23 August 2023

Notification for Recruitment of Chief Technical Officer, GSCOE

Ref: IITPKD/2023/029/CSE/VIC

The sanitation ecosystem in India is in the process of radical change, and to this effect, various organisations are working in silos. The Global Sanitation Centre of Excellence (GSCOE) has been established at IIT Palakkad, supported by TECHIN, the incubator of the institute, with the vision to be a key player in transforming the sanitation ecosystem and infrastructure of India by collating these efforts. The centre aims to create a collaborative ecosystem to support startups, identify gaps, create standards and testing protocols, and create a comprehensive database of products and processes in the sanitation domain for the country. Some of the main areas of focus are toilet units, treatment of sewage and septage, bio-solids, and reuse of resources for different geophysical and cultural contexts, etc. GSCOE collaborates with government agencies, NGOs, MSMEs, institutions, and the industry to provide field test sites, and deployment options, and lead the efforts for the adoption of standards and testing protocols.

We are looking for motivated candidates to take a lead role in placing the centre as a focal point for sanitation-related technologies across the globe. We need a person who can provide technical leadership and have an organized and creative mindset in all aspects of our development of the centre. The CTO will play a key role in establishing the technical strategy for the centre and will act as a liaison between various stakeholders to ensure alignment with its goals.

- **Project Areas:** Sanitation Technology, Sewered and Non-sewered systems, Bio Solids, Resource Recovery and Utilisation, Innovation, Incubation and Business Development in Sanitation Technology.
- **Responsibilities and Duties:**
 - Develop funding strategies, collaborate with various funding agencies, strategize and execute the projects ensuring project delivery on time.
 - Supervise system infrastructure to ensure functionality and efficiency.
 - Oversee the research, testing and piloting of various sanitation technologies for its performance assessment.
 - Maintain current knowledge of technology landscape and developments.
 - General understanding of an incubator ecosystem and developing market strategies.
 - Identify new areas of opportunities and create plans to implement them.
 - Communicate with employees, stakeholders, and incubatees to ensure the proper function of the system. Coordinate with technical team for developing sanitation infrastructure.
 - Monitor and plan day-to-day activities of the centre.
 - Monitor the KPIs and budget utilisation through performance assessment.

- Collaborate and ensure the flow of information between the institute, incubator and funding agencies.
 - Represent the technological agenda in meetings and make hiring decisions.
 - Take the initiative in thought leadership, innovation and creativity.
- **Required Skills:**
 - Proven track record of success in leadership positions.
 - Exceptional project management and organization skills.
 - Knowledge of technological trends to build strategy.
 - Understanding of budgets and business-planning.
 - Excellent communication skills.
 - Strong leadership and project management skills, with the ability to guide multidisciplinary teams.
 - Strategic thinking and problem-solving aptitude.
 - Knowledge of regulations, standards, and policies related to sanitation and environmental protection.
 - Deep understanding of sanitation challenges, waste management practices, water treatment technologies, and hygiene promotion strategies.
- **Eligibility:**
 - Ph. D in environmental engineering/ any closely related area is preferred
 - 5+ years' experience in the sanitation sector
 - PG in Environmental Engineering, environmental science, public health, or a related field.
 - Or
 - UG degree in engineering, environmental science, public health, or a related field with PG in MBA.
- **Age Limit:** 45 years as on the closing date of application, with relaxation to candidates belonging to OBC/ SC/ ST/ PWD categories as per Government of India norms.
 - **Appointment Duration:** Initially for one year, with the possibility of extension, depending on satisfactory performance of the candidate and availability of funds.
 - **No. of Positions:** One
 - **Salary Particulars:** The consolidated monthly remuneration for this position will be Rs. 1,40,000/- (One Lakh Forty Thousand Rupees Only). The salary is negotiable for candidates with exceptional profile.
 - **Deadline for application:** 17 September 2023 (Sunday)

Candidates satisfying the required skills may send their resumes and certificates pertaining to educational qualifications starting from class X (in a single PDF) to “sknayar@iitpkd.ac.in”. The subject of the e-mail application should be **Application for Chief Technical Officer, GSCOE - IITPKD/2023/029/CSE/VIC**. The selected candidate will have to join within one month from the date of the offer letter.
