IITI DRISHTI CPS Foundation

(A Section 8 Company)

ROLE SPECIFICATION

Chief Executive Officer (CEO)

ABSTRACT

This document provides roles, responsibility and expected profile for the position of Chief Executive Officer (CEO) of IITI DRISHTI CPS Foundation

Contents

1. IITI DRISHTI CPS Foundation

IITI DRISHTI CPS Foundation was established as a section 8 company at IIT Indore as a Technology Innovation Hub (TIH). Technology vertical for the foundation is System Simulation, Modelling and Visualization and is supported by the National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), DST, Government of India. Foundation received an initial support from the DST for five years. It is expected that the TIH will become self-sustaining and generate its own revenue to continue with its functions beyond the initial period of five years. Therefore, focus on return of investment and self-sustainability are important for the company. Keeping this in mind various initiatives are designed; these include seven interlinked programmes: Affiliate, Technology Development, Fellowship, Intellectual Property Rights, Skill Development, Outreach and End-Users Connect and Start-up. These programmes are designed and implemented to be based on the product life cycle development. These helped the Foundation to move ahead at an accelerated pace. Specific technology gaps which culminate into CPS prototypes and products for industrial and societal needs (or end users problem statements) are being developed and supported by the Foundation. Avenues for extending technical support to industry and academia are being continuously evolved to further enhance hub activities, and making them relevant to its stakeholders.

2. Vision and Mission

Vision

Foundation has the vision to become a one-stop shop for CPS solutions with a specific focus on System Simulation, Modelling and Visualisation. The TIH aims to lead the technology development endeavours in the country towards evolving systematic process models for optimal design, development, and implementation of CPSs in industrial and social settings. Foundation aims to be a part of major initiatives of the Government of India such as Digital India, Atma Nirbhar Bharat, Make in India, Smart Cities, Sugamya Bharat Abhiyaan, and National Education Policy, and various others that take care of immediate and long-term technology needs of the country.

Mission

Foundation intends to realise its vision by harnessing the know-how of academia and industry in a synergistic set-up. The ideas evolving from this set-up would be realised practically through incubation of 'start-up' endeavours and investment in human-resource development, supporting patenting, licencing, commercialization and implementation of technology solutions and ideas. The TIH intends to work closely with local and global organisations particularly in a 'hub and spokes' setting to effectively meet its aims and objectives

3. The Role-Job Purpose and Key Accountabilities

Job Purpose

The CEO would execute multifarious strategic and operational roles like project management, technology commercialization, business development, incubation and startup system development and management, finance, administration and establishing linkages with end users including industries and PSUs, attracting investments and fund raising for the company.

This job description is not exhaustive, and the post holder may, from time to time, be required to undertake other duties. CEO will ensure all compliance related to company operations.

Key Accountabilities

a) **Develop technology creation and commercialization system:** S/he will engage deeply with end-users to fully understand their technology needs and identify priority areas for technology development as per the focus of the company. S/he will further involve in identifying relevant faculty members/experts from IITI and other institutes across the county and align human resources to generate relevant technologies. S/he will play an active role in taking these technologies to potential end-users. Designing various initiatives and support mechanisms to establish technology development and commercialization eco-system at the Foundation will be handled by the CEO.

b) **Develop Startup and incubation support system:** S/he will develop and operationalize the Technology startup and incubation support system at

the Foundation. S/he will be responsible for overall execution of activities such as setting up a Technology Business Incubator (TBI), attracting startups, designing and running programmes related to start-up support and incubation, identifying and utilizing for various schemes of the state and central governments, connecting with angel investors, designing a sustainable financial models for startup support at the Foundation.

c) **Drive fundraising:** S/he will create a development and outreach strategy for the organization and oversee its implementation, in consultation with the Board. S/he will help identify various government and private funding schemes relevant for the company and apply for the same in coordination with the relevant expert teams. S/he will also explore avenues for acquiring CSR funds. S/he will create a system to attract donations, venture/angel investment for the company with targeted opportunities for fund-raising and/or partnering. S/he will also personally cultivate and engage with donors to fully understand where their interests, concerns, and talents align with opportunities for the Foundation.

d) **Drive transparency and accountability:** S/he will ensure clear accountability for the operation of the company. Create an appropriate framework, processes and standards for effective utilization of the funds received. S/he will ensure timely and transparent decisions of various schemes of the Foundation.

e) **Build long-term relationships** S/he will create mechanisms for continuous engagement with various stakeholders in-sync with the Foundation. S/he will foster compassionate relationship with donors, fund agencies, professional partnership with corporates and collegial relationships with the IITI faculty members/researchers and functionaries.

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f) **Energise the ecosystem:** Galvanizing active participation of all the stakeholders, the CEO will establish a vibrant ecosystem and framework for scaling-up the Foundation's operations on a pre-defined timeline. Establish and lead with a vision and mission, supported by appropriate policies, processes, technology and operational framework to achieve set goals. Grow, empower and strengthen the team of the Foundation.

4.Ideal Candidate Profile

Eligibility Criteria

Academic and Experiential Background

- Strong educational pedigree, preference for qualification in technology and management
- Professional experience of more than 15 years
- Preference for experience in techno-commercial lines of work (E.g. technology development, technology commercialization/licensing, Business development, startup ecosystem)
- Experience in managing commercial and/or industrial organization at senior management level is desirable
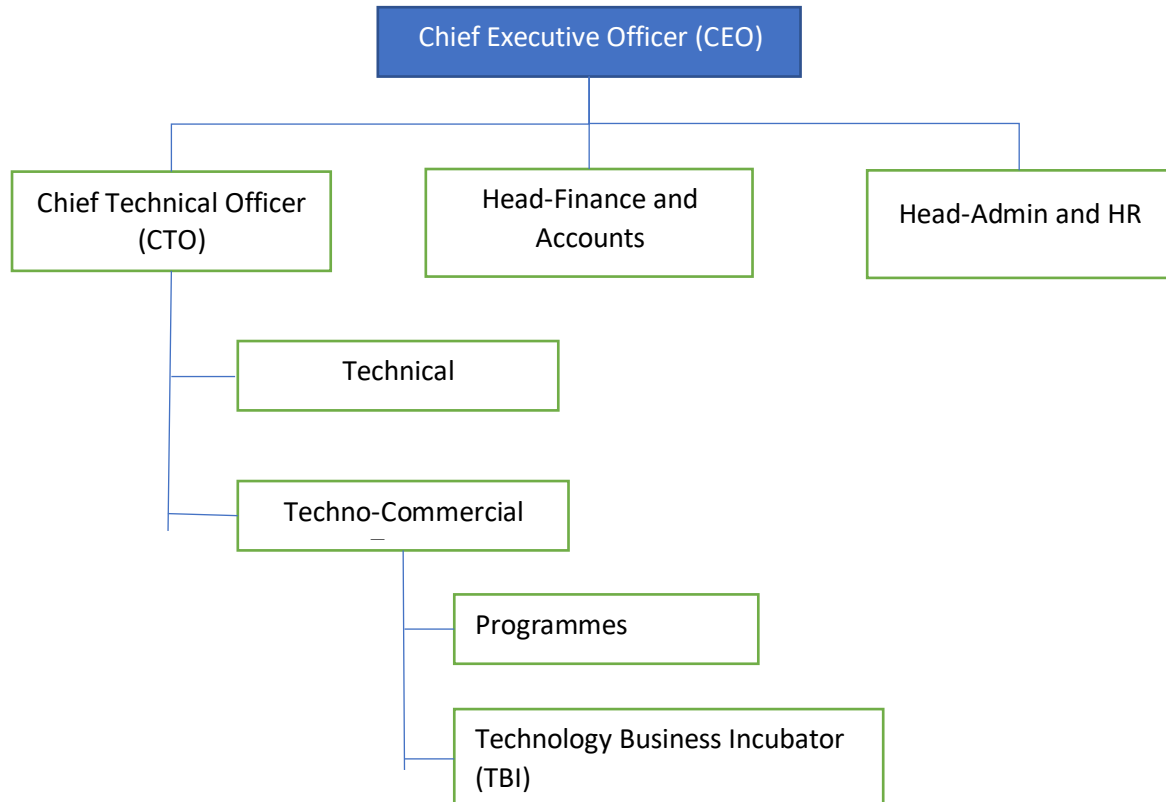- Association with fund-raising will be desirable

Competencies

- **Shaping Strategy:** Ability to shape the foundation's strategy for technology development and commercialization in an efficient manner. Should be able to factor in the overall goals of the company keeping in mind both short-term and long-term objectives.

- **Delivering Results:** Focusing on delivery of business results with higher levels of performance. Able to redesign business practices. Delivering to both activity (input metrics) and results (output). Ability to appropriately leverage technology to drive outcomes.

- **Influencing collaboratively:** Working effectively with a broad set of stakeholders who are not in direct line of command, including IITI faculty, students/researchers, IITI Staff, faculty from other institutes, and a broad spectrum of potential end users, donors, start-ups members. Getting support for other potential initiatives and builds enduring partnerships across silos.

- **Driving Change:** Building a culture of change by transforming and aligning foundation (and more broadly IITI) to move in new and challenging directions. Fully engaging with the entire internal community to drive this fundamental shift

- **Communication:** Ability to effectively communicate broad set of stakeholder including faculty members from various IITs and similar other institutes, industry leaders, funding organizations, international collaborators, international funding agencies to design and execute company's strategy in an effective manner.

Personal Traits

- Mature, with high stature and gravitas
- Curious, eager to learn more about the research and innovation
- Outgoing, energised by deep, non-hierarchical engagement with a wide spectrum of stakeholders
- Energetic and resilient
- Articulate, with excellent listening and written communication skills
- Values-driven, with high integrity

5. Organization Structure

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                    │ Chief Executive Officer (CEO)  │
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│ Chief Technical      │ │ Head-Finance and     │ │ Head-Admin and HR    │
│ Officer (CTO)        │ │ Accounts             │ │                      │
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      ├───│ Technical            │
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      └───│ Techno-Commercial    │
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                ├───│ Programmes           │
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                └───│ Technology Business Incubator │
                    │ (TBI)                         │
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6.Compensation and Role Location

Compensation

Negotiable, including performance pay. Commensurate with private not-for-profits compensation

Role Location

Location: Indore
IITI DRISHTI CPS Foundation
IIT Indore campus, Khandwa Road, Simrol, Indore-453552, Madhya Pradesh, India

7.Board of IITI DRISHTI CPS Foundation

CEO will report to Board of Directors. Current Board of Directors Members are as follows.

Prof. Suhas S. Joshi
Chairperson
Director, IIT Indore, Ex-officio

Prof. Bhupesh Kumar Lad
Professor, IIT Indore
Project Director, IITI DRISHTI CPS Foundation,

Prof. Anand Iyamperumal Palani
Dean R&D, IIT Indore, Ex-officio

Prof. Neelesh Kumar Jain
Professor, IIT Indore

Mr. Rafiq Somani
Area Vice President, India and South Pacific Rim, ANSYS Inc, Pune

Dr. Vinay Jammu
Vice President, Physical-Digital Tech, GE Digital, Bangaluru,

Dr. N. Karuppaiah
Addl. Director and Centre Head, National Automotive Test Tracks, Dhar, MP,

Mr. Pradeep Dhadwaiwale
Director, Flavorite Technologies, Indore

Prof. Santosh Janardan Gharpure
Professor, IIT Bombay and In-charge, Society for Innovation and Entrepreneurship (SINE), IIT Bombay,

Mr. Rinkesh Satija
Sr. Director, Supply Chain, Foods Operations, PepsiCo India Holdings Pvt. Ltd., Gurgaon,

Prof. Uday Shankar Dixit
Profesor, IIT Guwahati

Mr. Rajinder Singh
Vice President, M&M, Mumbai,

Prof. Leena Vachhani
Professor, IIT Bombay
PIC, TIH Foundation for IoT and IoE

Mr. Akshay Hada
Managing Director, Symphonia & Graphicus; Akshay Infrasys, Pvt. Ltd. Jaipur,

8. Application & Selection Process

Application Process

All applications must be received by June 15, 2022.
Applicants should apply at https://rb.gy/iqkzyp

The Chief Executive Officer shall be appointed after obtaining the approval of the Board, based on the recommendations made by Selection Committee, and clearing of the required backgrounds checks and references.

For any query contact
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Contact number: 9303854674

For any query contact
For more details about IITI DRISHTI CPS Foundation please explore following:
http://drishticps.iiti.ac.in/

Visit our social media pages:

LinkedIn:
https://www.google.com/url?q=https%3A%2F%2Fwww.linkedin.com%2Fcompany%2Fiiti-drishti-cps-foundation-iit-indore%2F%3FviewAsMember%3Dtrue&sa=D&sntz=1&usg=AOvVaw3uaCrybPCYNoewr6KG8EZu
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