



Indian Institute of Technology Indore

Advt. No. – IITI-R&D/2022-2023/01

Date: _____ October 2022

ABSTRACT

Contents

- 1 About IIT Indore
- 2 Vision, Mission, and Objectives
- 3 The Role – Job Purpose & Key Accountabilities
- 4 Ideal Candidate's Profile
- 5 Compensation & Role Location
- 6 Application & Selection Process

1. Indian Institute of Technology Indore

IIT Indore envisages the convergence of traditional disciplines as the key to accomplish the previously unimaginable. With this foresight, IIT Indore has been promoting inter- disciplinary research programmes focusing on basic and applied research, technology development and innovation. This vision has helped the institute to excel in all spheres of science, engineering, and humanities and social sciences.

A key competency of IIT Indore is research driven academic programme as it forms a core component of the undergraduate and postgraduate teaching. IIT Indore has consciously promulgated the idea of involving undergraduate students in forefront research projects. This led to the initiation of a formal undergraduate research scheme, Promotion of Research, and Innovation for Undergraduate Students (PRIUS).

Research at IIT Indore has been recognized at both international and national level. Faculty members and scientists are actively involved in several key international projects and joint collaborations with research organizations in Japan, South Korea, Russian Federation, Portugal, France, Germany, UK, USA, and many other countries

2. Vision, Mission, and Objectives

Vision

The driving force behind the 21 st Century is the development of knowledge-intensive societies. It has led to establishment of new Institutes of higher learning in India. Indian Institute of Technology Indore, established in 2009, is part of the initiative that envisages India as a global knowledge and technology leader. Continuing with the tradition of the older IITs, IIT Indore aims to play an active role in propelling India on her growth-trajectory by focusing on research- based education and innovation driven research and

entrepreneurship. IIT Indore aims to achieve this mission with humanistic concerns.

Mission

- Promote inter-disciplinary research in science, engineering, and humanities and social sciences.
- Conduct disruptive research with social impact in the areas of Engineering and Biomedical instrumentation, Defense, E-vehicles, alternate energy resources sustainable development, climate change, food and water security, rural development.
- Promote industry-oriented research leading to new products, processes, and technologies.
- Patenting, commercialization, and protection of IP.
- Promote culture of start-ups and entrepreneurship by establishing of Industrial Research Park which will be a focal point in Central India

Objectives

- Enhancement of academic, technological, and social outreach of the Institute through research, education, healthcare, sanitation, and rural development.
- Development of world class research and learning facilities for industries, teaching, and research institutions.
- Skill development and scaling up the research and innovation towards the national requirements.
- To contribute to development of world class technological innovation in the areas of Engineering and Biomedical instrumentation, Defense, E-vehicles, alternate energy resources sustainable development, climate change, food and water security, rural development.

3.The Role- Job Purpose and Key Accountabilities

Job Purpose



The Executive Manager would execute multifarious strategic and operational roles like technology commercialization, IP management, including managing details of present patents in process, renewals etc. Further, managing all steps involved in the technology transfer process starting from finding the industry partner to finalization of the contracts.

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

Key Accountabilities

- a) Develop technology creation and commercialization system: S/he will play an active role in taking IIT Indore's technologies to potential end-users. Designing various initiatives and support mechanisms to establish technology development and commercialization eco-system.
- b) Work with the Dean R&D for Intellectual Property and Commercialisation to implement the Intellectual Property plan and operational framework.
- c) Help to identify and evaluate ideas, research programs and technologies developed through IIT research to assist in the creating impact.

- d) Initiate, influence and enhance the intellectual property (IP) and translation skills and capability of internal stakeholders through education and training programmes, including high level IP searching skills, database use and market research to maximise the translation and implementation of IITI ideas.
- e) Develop and maintain a database and an interface system to manage intellectual property, IP disclosures and education relating to IP.
- f) Help to report on the outputs and impact of research projects, including preparing proposals, briefing papers and reports, and developing innovative communication techniques e.g., data visualisation.
- g) Energise the ecosystem: Galvanizing active participation of all the stakeholders, S/he will establish a vibrant ecosystem and framework for scaling-up the IPR 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 the technology transfer goals.

4. Ideal Candidate's Profile

Eligibility Criteria

Age, Academic and Experiential Background

Essential Qualifications:

- BE/B.Tech.

Desirable Qualifications:

- Post-Graduation in Management will be preferred.
- Certificate Tech Transfer from reputed Institute.

h)

Experience required:

- Professional experience of minimum 5 years in technical management in relevant industry or reputed IITs/Research Organization.

Age:

- Maximum of 45 Years

Competencies

- IP audit for its commercialization
- IP marketing and licensing
- Preparation of Tech Transfer contracts, MoUs and their implementations
- Monitoring contracts and revenues
- Database management
- Liaison with industries, service firms, attorneys, companies, research institutions and faculty members within the Institute.
- Online IP filing independently for the Institute
- Organizing technology transfer and IP Capacity building activities and conducting awareness programs
- Managing joint filing and sharing arrangements
- Interaction with inventors (Faculty Members, Students, Start-ups)
- Reporting as per requirement of the Institute

Personal Traits

- Mature, with high stature and gravitas
- Curious, eager to learn more about research and innovation
- Outgoing, energized 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. Compensation and Role Location

Compensation

Rs.65,000/- Per Month + HRA + Performance based Incentives upto Rs.20,000/-

Role Location

Location: Indore

6th Floor Abhinandan Bhavan

IIT Indore campus, Khandwa Road, Simrol, Indore-453552, Madhya Pradesh, India



6. Key Selection Criteria

- Professional skill and knowledge of intellectual property, market research and commercialisation.
- Demonstrated success in strategic project management including planning, resource allocation, communication, implementation, negotiation, evaluation, and reporting.

- Demonstrated ability in the development and implementation of project and knowledge management systems and documentation, and monitoring these for continuous improvement.
- Experience in communicating and educating diverse groups in intellectual property matters.
- Ability to prioritize and manage multiple assignments, and efficiently manage multiple requests for information and assistance and to work under pressure of various deadlines.
- High level of interpersonal communication including the ability to consult with senior executives, external bodies, negotiate agreed directions, outcomes, and targets within a collaborative environment in a complex organisation.
- Demonstrated personal leadership to exercise judgement based on perceptive and analytical processes.

7. Application & Selection Process

Application Process

All applications must be received by November 30, 2022.

Applicants should apply at: Careers@iiti.ac.in

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

For any query contact

R&D Office

rndoffice@iiti.ac.in

Contact number: 0731-6606123

For any query contact

For more details, please explore the following: <http://rnd.iiti.ac.in/>