

**NITIE MUMBAI**  
**Advt no. NITIE/2023/POP L-I & L-II**  
**[FOR THE POSTS OF PROFESSOR OF PRACTICE (PoP) Level I and Level II]**

NITIE Mumbai invites applications from distinguished professionals with non-academic/ industrial background for faculty positions at the levels of Professor of Practice (PoP) Grade I and Grade II in the following areas/domains. This is a rolling advertisement. There is no last date for receiving applications.

Highly experienced and accomplished management professionals may be appointed as professors of practice (PoP) based on specified criteria and institute selection process.

This is a full-time position and those who are selected are expected to be involved fully in all institutional activities including teaching, training, consulting and administration, and institution building. The selected candidate may be offered a position of 'Professor of Practice - Level I' or 'Professor of Practice - Level II' depending on the experience and qualification.

Individuals with an outstanding record of accomplishment in senior leadership positions from private or public organisations are eligible for this category who have proven records of having demonstrated professional excellence and leadership in management or a closely related field, normally through distinguished service in senior-level positions over an extended period. This position entails an initial one-year appointment, renewable for one or more years depending upon the performance of the individual and requirement of the Institute.

**JOIN NITIE AS A PROFESSOR OF PRACTICE IN TECHNOLOGY DRIVEN  
INFRASTRUCTURE DEVELOPMENT AND SMART ENERGY SYSTEMS &  
SUSTAINABLE TRANSPORTATION!**

**About Us:** National Institute of Industrial Engineering (NITIE) is known for providing our students with high-quality, practice-oriented management education and practical industry experience. With a strong reputation and ranking 7th among management institutions in the country's National Institutional Ranking Framework (NIRF), we are committed to delivering excellence in education and preparing our students for successful careers. We seek qualified professionals to join our faculty in two positions: Professor of Practice in Infrastructure Development and Maintenance and Professor of Practice in Electrical Systems and Energy.

**1. PROFESSOR OF PRACTICE IN TECHNOLOGY DRIVEN INFRASTRUCTURE DEVELOPMENT**

**Responsibilities:** As a Professor of Practice, you will be responsible for teaching and mentoring students, sharing your extensive industry experience and knowledge in managing physical infrastructure, residential buildings, office spaces, and regular maintenance. You will equip our students with the practical skills and insights required for successful infrastructure development





and maintenance careers. Additionally, you will have the following administrative responsibilities:

1. **Curriculum Development:** Collaborate with the academic team to develop and update the curriculum's infrastructure development and maintenance courses, ensuring it aligns with industry trends and best practices.
2. **Outreach Activities:** Engage in outreach activities to establish connections with industry professionals, companies, and public sector enterprises. This includes conducting executive training programs, consulting projects, and participating in industry conferences and events.
3. **Industry Partnerships:** Develop and maintain strong partnerships with industry stakeholders, fostering collaboration and ensuring the relevance of our programs to the evolving needs of the industry.
4. **Advisory Role:** Serve as an advisor to the institute, guiding the development and maintenance of infrastructure, industry trends, and opportunities for internships and job placements.
5. **Professional Development:** Stay updated with the latest advancements, regulations, and practices in infrastructure development and maintenance through continuous professional development activities, such as attending workshops and obtaining relevant certifications.

#### Key Requirements:

- **Professional Experience:** The ideal candidate should possess a significant background in the next generation of technologies in infrastructure development with expertise in integrating emerging technologies, such as IoT (Internet of Things), AI (Artificial Intelligence), and data analytics, into the planning, design, and implementation of infrastructure projects., with demonstrable expertise in managing physical infrastructure, residential buildings, and office spaces while overseeing regular maintenance activities.
- **Asset Management:** Proficiency in managing Annual Maintenance Contracts (AMCs) is essential. The candidate should be able to develop and implement comprehensive weekly, monthly, and annual development and maintenance plans.
- **Teaching Excellence:** A passion for teaching and the ability to effectively communicate complex concepts is crucial. Prior teaching experience is desirable but not mandatory.
- **Industry Networks:** Strong connections within the infrastructure development and maintenance industry, and a track record of collaboration and engagement with relevant stakeholders, are highly valued.
- **Strong Communication Skills:** The ideal candidate should possess excellent verbal and written communication skills to engage and interact with management students effectively.
- **Case-Based Teaching:** Proficiency in case-based teaching methodology is essential. The candidate should be capable of guiding students through real-world cases, encouraging critical thinking and problem-solving skills.
- **Research and Analysis:** The ability to conduct in-depth analysis of reports from peer-reviewed literature is crucial. The candidate should be well-versed in reviewing academic articles, extracting key findings, and translating them into meaningful classroom discussions.
- **Subject Matter Expertise:** A comprehensive understanding of intelligent energy systems, sustainable transportation, and related fields is required. The candidate should stay updated with these areas' latest developments and emerging trends.





**Qualifications:** A master's degree or higher in a relevant field is required. Professional certifications or licenses related to infrastructure development and maintenance will be advantageous.

## 2. PROFESSOR OF PRACTICE IN SMART ENERGY SYSTEMS AND SUSTAINABLE TRANSPORTATION

**Responsibilities:** As a Professor of Practice, you will be responsible for teaching and mentoring students, sharing your extensive industry experience and knowledge in electrical systems and energy requirements. Additionally, you will have the following responsibilities:

1. **Curriculum Development:** Collaborate with the academic team to develop and update the curriculum for electrical planning maintenance systems and energy demand courses, ensuring it aligns with industry trends and best practices.
2. **Outreach Activities:** Engage in outreach activities to establish connections with industry professionals, companies, and public sector enterprises. This includes conducting executive training programs, consulting projects, and participating in industry conferences and events.
3. **Industry Partnerships:** Develop and maintain strong partnerships with industry stakeholders, fostering collaboration and ensuring the relevance of our programs to the evolving needs of the industry.
4. **Advisory Role:** Serve as an advisor to the institute, providing guidance on development and electrical maintenance and planning energy needs, industry trends, and opportunities for internships and job placements.
5. **Professional Development:** Stay updated with the latest advancements, regulations, and practices in infrastructure development and maintenance through continuous professional development activities, such as attending workshops and obtaining relevant certifications.

### Key Requirements:

- **Professional Experience:** The ideal candidate should possess a significant background in intelligent energy systems and sustainable transportation, with industry experience in implementing and managing related projects.
- **Expertise in Smart Energy Systems:** Proficiency in intelligent energy systems, renewable energy integration, energy storage, demand response, and energy management.
- **Sustainable Transportation Knowledge:** Understanding sustainable transportation systems, including electric vehicles, intelligent transportation systems, alternative fuels, and transportation planning.
- **Industry Networks:** Strong connections within the innovative energy systems and sustainable transportation industry, and a track record of collaboration and engagement with relevant stakeholders, are highly valued.
- **Strong Communication Skills:** The ideal candidate should possess excellent verbal and written communication skills to engage and interact with management students effectively.
- **Case-Based Teaching:** Proficiency in case-based teaching methodology is essential. The candidate should be capable of guiding students through real-world cases, encouraging critical thinking and problem-solving skills.
- **Research and Analysis:** The ability to conduct in-depth analysis of reports from peer-reviewed literature is crucial. The candidate should be well-versed in reviewing academic articles, extracting key findings, and translating them into meaningful classroom discussions.





- **Subject Matter Expertise:** A comprehensive understanding of intelligent energy systems, sustainable transportation, and related fields is required. The candidate should stay updated with these areas' latest developments and emerging trends.

**Qualifications:** A master's degree or higher in a relevant field is required. Professional certifications or licenses related to intelligent energy systems and sustainable transportation will be advantageous.

### 3. PROFESSOR OF PRACTICE IN INFORMATION SECURITY, NETWORK ARCHITECTURE AND BLOCKCHAIN TECHNOLOGY

**Responsibilities:** As a Professor of Practice, you will be crucial in teaching and mentoring students, sharing your extensive industry experience and knowledge in information security, networks, and blockchain technology. Your key responsibilities will include:

- **Teaching Excellence:** Delivering engaging lectures and practical sessions on information security principles, network architecture and protocols, cryptography, cybersecurity technologies, and blockchain applications.
- **Curriculum Development:** Contributing to the development and enhancement of the curriculum, ensuring it remains up-to-date with the latest industry trends, emerging technologies, and best practices.
- **Mentoring and Advising:** Guiding and supporting students in their academic and professional development, leveraging your industry experience to provide valuable insights.
- **Research and Innovation:** Engaging in research activities in the areas of information security, networks, and blockchain technology, publishing scholarly articles, and contributing to the advancement of knowledge in the field.
- **Industry Engagement:** Establishing and nurturing relationships with industry professionals, organizations, and research institutes, fostering collaborations, internships, and industry guest lectures.

#### Requirements:

- **Professional Experience:** The ideal candidate should have a significant background in information security, networks, and blockchain technology, with practical experience in designing, implementing, and managing secure network systems.
- **Expertise in Information Security:** Proficiency in information security principles, network security, secure coding practices, risk management, and security audits.
- **Network Technologies:** In-depth knowledge of network architecture, protocols (TCP/IP, DNS, VPN, etc.), network administration, network security technologies, and network performance optimization.
- **Blockchain Technology:** Understanding of blockchain fundamentals, smart contracts, decentralized applications (dApps), and blockchain security considerations.
- **Strong Communication Skills:** The ideal candidate should possess excellent verbal and written communication skills to engage and interact with management students effectively.
- **Case-Based Teaching:** Proficiency in case-based teaching methodology is essential. The candidate should be capable of guiding students through real-world cases, encouraging critical thinking and problem-solving skills.





- **Research and Analysis:** The ability to conduct in-depth analysis of reports from peer-reviewed literature is crucial. The candidate should be well-versed in reviewing academic articles, extracting key findings, and translating them into meaningful classroom discussions.

**Qualifications:** A doctoral degree (Ph.D.) in a relevant field is preferred, although candidates with extensive industry experience and a master's degree will also be considered.

**Remuneration:**

Gross emoluments inclusive of HRA will be fixed on consolidated basis. This will be decided after the interview, and will be based on the profile of the individual:

Post	Status	Remuneration	Age Limit
Professor of Practice (PoP) Level I & II	Full-time contractual position for a maximum period of 3 years, appraised and renewed annually	i. Professor of Practice Level I: Rs. 1.75L to Rs.2.10L per month ii. Professor of Practice Level II: Rs.1.10L to Rs.1.70L per month	Preferably below 60 years

\*Remuneration for candidates drawing any other fixed income from other sources like pension etc. will be fixed as per GoI/NITIE norms, where pension will be deducted and HRA will not be paid.

**Duration and nature of engagement:** This is a contractual appointment for a period of one year. The same may be renewed further, on a yearly basis based on performance, up to a maximum period of 3 years since the date of initial engagement.

**Other Contribution Expected from Professors of Practice (PoP):** PoPs are also expected to contribute to the institute development activities of administrative nature in the respective domain (ref. sl 4 & 5. of responsibilities subhead under respective position), and monitoring / ensuring execution of such activities.

**Accommodation:** No on-campus accommodation will be provided to the selected candidates.

**How to Apply:** To apply for this position, please submit the following documents to the Faculty Search Cum Selection Committee of NITIE:

1. Cover letter highlighting your relevant experience and teaching philosophy.
2. Curriculum vitae (CV) detailing your educational background, work experience, and publications or research.
3. Contact information for three professional references.

Please send your application materials to [facultysearchcumselection@nitie.ac.in](mailto:facultysearchcumselection@nitie.ac.in). Review of applications will begin immediately and continue until the position is filled. We offer a competitive salary commensurate with qualifications and experience.

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lasting impact on the future of infrastructure development and electrical maintenance & energy professionals.

**NOTES:**

1. Since it is a rolling advertisement, all positions will remain open till filled.
2. The Institute reserves the right not to fill up any / all position(s) / select any candidate without assigning any reason.
3. Mere fulfilling of the minimum qualifications and experience will not confer any right to the candidates for being called for interview or/and for his/her selection for PoP.
4. The Institute will communicate only with short-listed candidates.
5. No correspondence whatsoever will be entertained from the candidates regarding conduct and result of selection and reasons for not being selected.
6. Incomplete applications will be rejected summarily.
7. Since it is an open-ended advertisement, there is no last date for receiving applications.
8. The Institute reserves the right to summarily reject the incomplete applications.
9. Candidates who are retired from Central Govt./State Govt./Autonomous/PSUs are requested to mention their Last Pay drawn at the time of superannuation in the CV before applying.

