



# **National Institute of Technical Teachers' Training and Research**

(Deemed to be University under Distinct Category)

Ministry of Education, Government of India

Shanti Marg, Shyamla Hills, Bhopal-462002. Website: [www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)

## **Rolling Advertisement**

**Advertisement No. 1/2025**

NITTTR, Bhopal invites application for the post of Professor of Practice (No. 2) on annual contract basis as per UGC guidelines.

For detailed information please visit our website :  
**[www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)**

**Director**



# राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान

(समविश्वविद्यालय- विशिष्ट श्रेणी, शिक्षा मंत्रालय भारत सरकार)

शांति मार्ग, श्यामला हिल्स भोपाल- 462002

Website: [www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)

## रोलिंग विज्ञापन

विज्ञापन क्र. 1/2025

एन.आई.टी.टी.टी.आर. भोपाल पूर्णतः वार्षिक संविदा के आधार पर (दो) प्रोफेसर ऑफ प्रैक्टिस के पदों के लिए यूजीसी के दिशानिर्देशानुसार आवेदन आमंत्रित करता है।

विस्तृत जानकारी के लिए कृपया संस्थान की वेबसाइट [www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in) को देखें।

निदेशक



## रोलिंग-विज्ञापन

### उद्योगों द्वारा वित्तपोषित प्रोफेसर ऑफ प्रैक्टिस हेतु

विज्ञापन संख्या: 01/2025

एनआईटीटीटीआर भोपाल, पूर्णतः अस्थायी आधार पर उद्योगों द्वारा वित्तपोषित प्रोफेसर ऑफ प्रैक्टिस (पीओपी) के स्तर पर संकाय पदों के लिए उद्योगों से अभिरुचि की अभिव्यक्ति आमंत्रित करता है [संदर्भ: <https://pop.ugc.ac.in>]

कार्यक्षेत्र/विभाग: (वीएलएसआई डिजाइन, एम्बेडेड सिस्टम एंड एज कंप्यूटिंग, आरएफ एंड एमएम-वेव टेक्नोलॉजीज, सिक्योरिटी इन हार्डवेयर डिजाइन, सिस्टम-ऑन-चिप (एसओसी) डिजाइन, मशीन लर्निंग इन वीएलएसआई डिजाइन, आर्टिफिशियल इंटेलिजेंस एंड मशीन लर्निंग (एआईएमएल), ब्लॉक चेन टेक्नोलॉजी, डेटा एनालिटिक्स, एडिटिव मैन्युफैक्चरिंग, प्रोडक्ट डिजाइन, वेलिडेशन, सीएडी/सीएएम, 5जी/6जी टेक्नोलॉजी, ट्रांसपोर्टेशन इंजीनियरिंग एंड प्लानिंग, सेमीकंडक्टर प्रोसेसिंग, आईसी पैकेजिंग, एडवांस्ड प्रोसेस टेक्नोलॉजीज, 3डी इंटिग्रेशन एंड पैकेजिंग, एआई एंड मशीन लर्निंग इन डिजाइन, फ्लेक्सिबल एंड वेअरेबल इलेक्ट्रॉनिक्स, ऑटोमोटिव सेमीकंडक्टर)

विस्तृत जानकारी के लिए कृपया संस्थान की वेबसाइट [www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in) को देखें।

प्रो. सी.सी. त्रिपाठी  
(निदेशक)

1/2/25

#### NITTTR BHOPAL EXTENSION CENTRES

<b>Maharashtra</b> 412/D, Distance Learning Polytechnic Building, Bahirat Patil Square, Shivaji Nagar, Pune - 411016 Tel.: (020) 25655521, 25679151 Email: extnpune@nitttrbpl.ac.in	<b>Goa</b> SCERT Building, First Floor, Room No. 8/9, Room No. 13/14 Alto, Porvorim, Bardez, Goa - 403521 Tel.: (0832) 2411326 Email: extngo@nitttrbpl.ac.in	<b>Gujarat</b> Technology Bhavan, R. C. Technical Institute Campus Opposite New High Court, Sola, Ahmedabad - 380060 Tel.: (079) 27662931 Email: extnabd@nitttrbpl.ac.in	<b>Chhattisgarh</b> Govt. Girls Polytechnic Campus, Byron Bazar, Raipur - 492001 Email: extnraipur@nitttrbpl.ac.in
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राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं  
अनुसंधान संस्थान, भोपाल  
(समविश्वविद्यालय – विशिष्ट श्रेणी)  
शिक्षा मंत्रालय, भारत सरकार  
शांति मार्ग, शामला हिल्स, भोपाल 462002, (म.प्र.) भारत



Deemed to be University under  
Distinct Category

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Training and Research, Bhopal**

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Ministry of Education, Government of India

Shanti Marg, Shamla Hills, Bhopal 462002, (M.P.) India

EPABX: +91(755) 2661600 Tel.: +91(755) 2661601-602, 607-609 e-mail: director@nitttrbpl.ac.in Website: www.nitttrbpl.ac.in

## **Rolling Advertisement**

### **For Professor of Practice funded by Industries** Advertisement No. 01/2025

NITTTR Bhopal invites expression of interest from Industries for faculty positions at the levels of **Professor of Practice (PoP) funded by Industries** [reference: <https://pop.ugc.ac.in>] on purely temporary basis. Areas/Dept.: (VLSI Design, Embedded Systems and Edge Computing, RF and mm Wave Technologies, Security in Hardware Design, System-on-Chip (SoC) Designs, Machine Learning in VLSI Design, Artificial Intelligence and Machine Learning (AIML), Block Chain Technology, Data Analytics, Additive Manufacturing, Product Design, Validation, CAD/CAM, 5G/6G Technology, Transportation Engineering and Planning, Semiconductor Processing, IC Packaging, Advanced Process Technologies, 3D Integration and Packaging, AI and Machine Learning in Design, Flexible and Wearable Electronics, Automotive Semiconductors)

For detailed information please visit Centre Institute website: [www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)

Prof. C.C. Tripathi  
(Director)

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**National Institute of Technical Teachers' Training & Research [NITTTR],**  
**Deemed to be University under Distinct Category, Ministry of Education**  
**Government of India, Shanti Marg, Shanti Marg, Shamlu Hills, Bhopal**

NITTTR Bhopal is a dynamic and forward-thinking institution dedicated to excellence in education, innovation, and practical learning. As we continue to expand our commitment to providing a holistic education that prepares students for the challenges of the real world, we invite expression of interest from industry for the position of Industry-sponsored Professor of Practice (Honorary) in the above-mentioned areas. This honorary position is designed to recognize and honor exceptional professionals who have made significant contributions in their field.

NITTTR Bhopal invites expression of interest from industries for **Professor of Practice (PoP)** in areas of VLSI Design, Embedded Systems and Edge Computing, RF and mmWave Technologies, Security in Hardware Design, System-on-Chip (SoC) Designs, Machine Learning in VLSI Design, Artificial Intelligence and Machine Learning (AIML), Block Chain Technology, Data Analytics, Additive Manufacturing, Product Design, Validation, CAD/CAM, 5G/6G Technology, Transportation Engineering and Planning, Semiconductor Processing, IC Packaging, Advanced Process Technologies, 3D Integration and Packaging, AI and Machine Learning in Design, Flexible and Wearable Electronics, Automotive Semiconductors.  
**[reference: <https://pop.ugc.ac.in>]**

**Eligibility Criteria:**

1. Distinguished expert in the relevant field.
2. Minimum 10 years of experience in industry.
3. Significant contributions to the field through research, innovation, or leadership.
4. Excellent communication and mentoring skills.

**Selection Criteria:**

1. Expertise and experience in the relevant field.
2. Quality of research and innovation.
3. Leadership and mentoring abilities.
4. Relevance to the department/faculty's research and academic priorities.
5. Sponsorship of Projects funding, fellowships etc.

**Industry Sponsorship:**

The selected candidate will be sponsored by Industry.

**Application Procedure:**

1. Submit application through email to [director@nitttrbpl.ac.in](mailto:director@nitttrbpl.ac.in)
2. Attach detailed CV, list of publications/patents, and achievements.
3. Sponsorship letter from Industry on Company Letterheads.

**Terms and Conditions:**

1. This appointment is honorary and does not carry any remuneration or benefits.
2. The appointment will be for a specific period.
3. The Professor of Practice (Honorary) shall not be entitled to any remuneration or benefits.

**UGC Guidelines:**

This recruitment is made in accordance with the University Grants Commission (UGC) guidelines for Professor of Practice (Honorary).

**Benefits to Industry Partner:**

1. Branding and visibility.
2. Access to university research and expertise.
3. Talent development and recruitment.
4. Collaborative research opportunities, Research Projects, leveraging academic expertise

5. Access to Research Facilities, utilize institution's research infrastructure.
6. Influence Curriculum Design aligned with industry needs.
7. Engage interns/trainees

**Benefits to NITTTR, Bhopal:**

1. Enhanced industry-academia collaboration.
2. Access to industry expertise and resources.
3. Improved research and innovation.
4. Enhanced employability of students.

**QUALIFICATION AND EXPERIENCE REQUIRED FOR POSITION OF PROFESSOR OF PRACTICE (PoP):-**

The Industry may nominate their officials who have received education from reputed institutions with good academic record throughout in the required discipline and have minimum 10 years of outstanding professional expertise in a specific field, contributions to the field through innovation, research or practice, demonstrated ability to share knowledge and expertise with students.

**RESPONSIBILITIES:**

1. Share expertise and experience with students and faculty members.
2. Participate in research collaborations and projects.
3. Deliver lectures and workshops.
4. Mentor students and faculty members

**Contact Information:**

Director,  
NITTTR, Bhopal (M.P) – 462002  
director@nitttrbpl.ac.in

**Note:**

- Only shortlisted candidates will be called for interaction.
- The university reserves the right to fill or not fill the position.

**HOW TO APPLY:**

Interested candidates fulfilling the above criteria may submit their applications along with the detailed CV and Proposed workplan/outline of activities to be carried out at NITTTR Bhopal to the Director, NITTTR Bhopal [email: director@nitttrbpl.ac.in].

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## **Guidelines for Engaging Professor of Practice in Universities and Colleges**

The National Education Policy 2020 seeks to transform higher education by focusing on skill- based education to meet needs of the industry and the economy. Further, the NEP also recommends integrating vocational education with general education and strengthening industry-academia collaboration in HEIs. For skilling of youth at the optimum level, learners are required to think like employers and employers are to think like learners. Towards this, the UGC has taken a new initiative to bring the industry and other professional expertise into the academic institutions through a new category of positions called "Professor of Practice". This will help to take real world practices and experiences into the class rooms and also augment the faculty resources in higher education institutions. In turn, the industry and society will benefit from trained graduates equipped with the relevant skills.

### **1. Objectives:**

- i. To develop courses and curriculum to meet the industry and societal needs and enable the HEIs to work with industry experts on joint research projects and consultancy services which will be mutually beneficial;
- ii. To bring in distinguished experts from various fields such as engineering, science, technology, entrepreneurship, management, chartered accountancy (CA), commerce, social sciences, media, literature, fine arts, civil services, armed forces, legal profession and public administration into the academic institutions;
- iii. To enable the higher education institutions to formally associate with persons of eminence and encourage them to participate in experiential learning, research, training, skilling, entrepreneurship and extension and to play mentoring role.

### **2. Eligibility:**

- i. Distinguished experts who have made remarkable contributions in their professions from various fields such as engineering, science, technology, entrepreneurship, commerce, social sciences, media, literature, fine arts, civil services, armed forces, legal profession, community development, panchayati raj, rural development, watershed development, water-harvesting, organic farming, small green energy systems, municipal planning, community participation, gender budgeting/planning, inclusive development of tribals and public administration among others. Those who have proven expertise in their specific profession or role with at least 15 years of service/experience, preferably at a senior level, will be eligible for Professor of Practice.
- ii. A formal academic qualification is not considered essential for this position if they have exemplary professional practice in lieu. These experts will also be exempted from the requirement of publications and other eligibility criteria stipulated for the recruitment of faculty members at the Professor level. However, they should possess the skills to carry out the duties and responsibilities specified in the following section.

- iii. The number of Professors of Practice in a HEI, at any point in time, should not exceed 10% of the sanctioned posts in a HEI.

### **3. Duties and Responsibilities:**

- i. Involve in the development and designing of courses and curriculum.
- ii. Introduce new courses and deliver lectures as per institutional policies.
- iii. To encourage students in innovation and entrepreneurship projects & provide necessary mentorship for these activities.
- iv. To focus on enhanced industry-academia collaborations.
- v. Conduct jointly in collaboration with regular faculty member of the institution, workshops, seminars, deliver special lectures and training programmes.
- vi. Carryout joint research project or consultancy services in collaboration with the regular faculty member of the concerned HEI.

### **4. General Conditions:**

- i. The engagement of Professor of Practice will be for a fixed term.
- ii. The engagement of Professor of Practice will be exclusive of the sanctioned posts of a university/college. It will not affect the number of sanctioned posts and the recruitment of regular faculty members.
- iii. Professor of Practice is not open for those in teaching profession- serving or retired.

### **5. Categories of Engagement:**

It is envisioned that Professor of Practice can be engaged in one of the following categories:

- A. Professor of Practice funded by Industries
- B. Professor of Practice funded by HEIs from their own resources
- C. Professor of Practice on Honorary basis

#### **A. Professor of Practice funded by Industries:**

Today's industry looks for graduates with specific skill sets. But the higher education system is churning out graduates who fall short of the required skills. As a result, many industries now hire graduates and provide adequate training before employing them. Involving experts from industry in teaching will benefit both the industry and the higher educational institutions. For engaging industry experts and professionals in this category, HEIs may collaborate with the industries to support the Professor of Practice positions.



### **B. Professor of Practice funded by HEIs from their own resources:**

As per the policy directives of NEP 2020, graduate programmes are revised with the holistic and multidisciplinary approach. HEIs may assess the required gap areas in different fields and engage experts working in leadership positions in various fields. In this category, the remuneration for the Professor of Practice is made by HEIs from their own resources as indicated below:

#### **Remuneration:**

Part-time/Full-time engagement: Consolidated amount, mutually agreed between the institution and expert.

### **C. Professor of Practice on Honorary basis:**

Experts fulfilling the eligibility criteria for the Professor of Practice may like to share their expertise with students and come forward to teach on honorary basis. Such experts may be engaged on honorary basis as Professor of Practice and their services may be utilized for the benefit of the students.

The HEIs may decide on the amount of honorarium to be paid to the Professor of Practice in this category from their own resources.

## **6. Procedure for selecting Professor of Practice**

- a) The Vice-Chancellors/Directors may invite nominations from eminent experts for Professor of Practice positions.
- b) The experts willing to serve may also be nominated or they can send their nomination to the Vice-Chancellor/Director with a detailed biodata and a brief write-up about their potential contribution to the HEI.
- c) Such nominations will be considered by a selection committee consisting of two senior Professors from the HEI and one eminent external member. Based on the recommendations of this committee, the Academic Council and the Executive Council or statutory bodies of the HEI will decide on the engagement.

## **7. Tenure**

The engagement may be initially for up to one year. At the end of the initial engagement or subsequent extension, the HEI will make an assessment and take the decision about extension. The HEI will devise its own assessment procedure for extension based on the contribution and requirement of the experts engaged as Professors of Practice.

The maximum duration of service of Professor of Practice at a given institution should not exceed three years and is extendable by one year in exceptional cases and the total service should not exceed four years under any circumstances.

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