



Inderprastha Engineering College (IPEC) – a Glance

Shaping Engineers & Leaders for Future

- Pioneer education provider in multi disciplines at undergraduate and postgraduate level (B.Tech,M.Tech,MBA, MCA, BBA, BCA)
- **NAAC A+** accredited Institution, **NBA** accredited courses, ISO 9001:2015 Certified
- Carrying the successful legacy of **+25 years (Silver Jubilee)**
- Among **top 10 institutions** affiliated to Dr. APJ Abdul Kalam Technical University (AKTU, U.P.)
- Vision to provide **National Leadership** by excellence in Education, impacting society by *Globally competent* technologies.
- Highly inquisitive students who take risks, experiment, and put novel ideas into action.
- Holistic Development – Shaping young **Do Engineer leaders**.
- Have world class collaborative LEARNING infrastructure for teaching learning practices.
- Hiring *Distinguished faculty members* from the Institutes of repute.
- Our core belief is IPEC Team (**I**-Integrity, **P**-Perseverance, **E**-Encouragement, **C**-Courage, **T**-Transparency) leading to collaborative work accomplishment
- Hi – Tech, *Lush Green* Sprawling 7.81 acres, **vibrant Learning** Ecosystem, campus, just 2 Kms away from Anand Vihar ISBT (National Capital), in the midst of Industrial Area

We are looking for *passionate researchers/out of box thinkers/academicians* who have a **go-getter** attitude, have **fire to innovate**, works with **technology driven progressive mindset** and execute the concept of **sustainability** in each task in **learning process** delivery.

We are offering to the *right candidate* an **excellent compensation package** along with the tools and the environment to *foster intellect and new ideas*.

If you want to **CONTRIBUTE** meaningful to the society at large, join us.

ABOUT JOB

A. Designation: Assistant Professor

B. Job Purpose & Role: To *teach, research and serve* the Institution for academic, institutional & student's growth & development.

C. WORK Responsibilities:

C.1 LEARNING & TEACHING

- To develop and teach undergraduate and graduate courses in CORE Computer Science & Allied courses.
- Command on Subjects like:
 - ✓ Programming Fundamentals via language C/C++, JAVA, Python
 - ✓ Data Structures & Algorithms
 - ✓ Data Warehouse & Mining
 - ✓ Operating Systems, Web Designing
 - ✓ Computer Architecture & Organisation
 - ✓ Object Oriented Programming (OOP)
 - ✓ Software Engineering
 - ✓ Design & Analysis of Algorithms
 - ✓ Computer Networks, Compiler Designs, DevOps
 - ✓ Artificial Intelligence, Machine Learning
 - ✓ Deep Learning, Natural Language Processing, Computer Vision, or related areas. etc.

- Proven experience of teaching new age subjects like *Cybersecurity, Big Data Analytics, IoT, Cloud Computing, Blockchain Technology, AVR (Augmented & Virtual Reality)* with a commitment to innovative pedagogical approaches.
- Have an ability to stay *abreast on the latest emerging trends and technologies in AI/AIML/DS* such as reinforcement learning, generative models, or ethical AI.
- *To stay abreast of developments in the field of AI through continuous learning, attending conferences, and networking with peers.*
- *Proven experience with software development and programming languages commonly used in AI research, such as Python, TensorFlow, PyTorch, or similar tools.*
- *To make best use of technology in teaching learning methodology.*
- Proven experience of *excellent delivery of the subject* for the students by active or activity based learning, real-life problem solving approaches in content delivery and achieve the *best results/awards/positions* in the university.
- *To fulfill responsibility concerning students in respect of instruction, progress, and examination.*
- *To prepare / maintain lesson plans, lecture notes, model question papers, attendance register, manual etc.*
- *To ensure discipline and welfare of the students.*
- *To meaningfully engage students in class, seminars, workshops, conferences, events, applied subject knowledge projects.*
- *To ensure Quality (NBA, ISO, NAAC, NIRF) and innovative education to students by continuous monitoring of subject, books, and journals, teaching aids, Laboratory facilities and ensure understanding of education regulatory bodies like UGC / AICTE*

C.2 RESEARCH

- *To conduct cutting-edge research in AI, Data Science, AIML, Core CSE, publish findings in reputable journals and conferences, and pursue external funding to support research activities.*
- *To supervise and mentor graduate students, providing guidance and support in their research endeavours*
- *To collaborate with industry partners to apply AI/AIML techniques to real-world problems and foster technology transfer.*
- *To have an ability to secure external research funding and lead research projects independently or collaboratively.*
- *Proven experience in working with interdisciplinary research teams or collaborating across departments.*
- *To facilitate in connecting industry with academia for providing hands on experience leading to skill development of students.*
- *To do quality research, have good academic record and books/research paper publications/IPR/patents record.*
- *To continue to develop one's position as a leading researcher, including publication, external funding and the pursuit of other relevant indicators of standing in the field.*

C.3 IPEC's Citizenship and Ownership of Responsibilities

- *To participate in continuing professional development e.g. through seminars or conferences and by engaging in training programmes run by the Institution which are consistent with the needs and aspirations of the academics.*
- *To support, mentor and facilitate seminars, training activities, cross-*

departmental activities and events and Ceremonies etc.

- To *demonstrate* the IPEC's *values* through own *actions and behaviour*.
- To undertake such *other duties* as may be reasonably requested and that are commensurate with the *nature and grade of the post*.
- To *engage in continuous personal and professional development* in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- To ensure and promote the personal health, safety and *wellbeing of staff and students*.
- To carry out duties in a way which *promotes fairness in all matters*, and which *engenders trust*.

D. APTITUDE & SKILLS

D.1 Functional Skills

- Passionate *Academician/Researcher*
- Competency of Nurturing Students
- Excellent interpersonal & content delivery skills.
- Ability to engage students constructively.
- *Academic domain knowledge* – National (UGC/NBA/NAAC/NIRF/AICTE etc.)/International
- Highly developed communication and presentation skills to present *research findings at national and international conferences*
- Ability to *harness IT* as a research and *teaching tool*
- *A willingness to undertake* further training as appropriate and to adopt new procedures as and when required

D.2 Attributes

- Dynamic, energetic, team player, thrives among strong colleagues.
- Ability to work in *fast paced evolving environment*.
- Be willing and able to exercise judgment and take risks.
- Accept criticism and *constructive feedback*, while being extremely adaptable and flexible.
- Reflection of an *impeccable persona in walk-talk* while dealing with academia
- High *emotional intelligence*

A. **Qualification & Years of Experience** as per AICTE/UGC norms:

- **B.Tech & M.Tech – IT/CSE** from Top tier Institutes & reputed universities like IITs, NITs, IIITs, IISc. Etc. and throughout first class
- **0-4** years of experience in *teaching/ research*
- **PhD or PhD (Pursuing)** candidates from Top Institutes will be preferred
- Industry Experience is desirable.

B. **Salary** as per norms

C. **Location:** Sahibabad, Ghaziabad, Delhi/NCR

D. **Apply** for the position by sending your CV on career@ipec.org.in

E. You may visit our website's career page at www.ipec.org.in