

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 Mechanical Engineering
- Proven experience of teaching new age subjects with a commitment to innovative pedagogical approaches.
- Have an ability to stay *abreast on the latest emerging trends and technologies*
- To stay abreast of developments in the field of AI through continuous learning, attending conferences, and networking with peers.
- 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 the subject & 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 **subject knowledge** 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

- Proficiency in AUTOCAD, Pro-E (Pro Engineer) & knowledge on CNC operations
- 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*
- *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 – Mechanical Engineering** 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