



**Indian Institute of Technology Kanpur  
Research & Development**

**Advt No:-IITK/2009/1**

**Date: 19/11/09**

**Employment Notification**

Indian Institute of Technology, Kanpur an Institute of national importance, has been in the forefront of engineering & technology education and research & development. The Institute derives strength from its philosophy, vision and values that has led to achievement of academic excellence and promotion of high order technological research. The Institute's R&D Division is looking for suitable Indian nationals for appointment on the following positions for short-term R&D Projects on contractual basis. The positions are co-terminus with the project duration or earlier.

**I. For National Wind Tunnel Facility (NWTF):  
Project No-IITK/NWTF/19990224**

SI. NO.	JOB DESIGNATION	NO. OF VACANCIES	PAY SCALE(S)	ELIGIBILITY CRITERIA
1	<b>Research Engineer (Grade II)</b>	1	PB-3 Rs. 15600-39100 Grade Pay of Rs. 5400 [ <b>Total approx emoluments:</b> Rs.30,870/- + Transport Allowance as applicable]	M.Tech or B.Tech +2 year experience or MCA/M.Sc +4 year experience in the relevant area. Age below 40 years Specialization in the areas.
2	<b>Research Engineer (Grade I)</b>	1	PB-3 Rs. 15600-39100 Grade Pay of Rs. 6600 [ <b>Total approx emoluments:</b> Rs.32,634/- + Transport Allowance as applicable]	Ph.D or M.Tech + 3 years experience or B.Tech +5 years experience of MCA/M.Sc. + 7 years experience in the relevant areas. Age below 40 years Specialization in the area are given below.
3	<b>Senior Research Engineer</b>	1	PB-3 Rs. 15600-39100 Grade Pay of Rs. 7600 [ <b>Total approx emoluments:</b> Rs.34,104/- + Transport Allowance as applicable]	Ph.D +3 years experience or M.Tech + 8 years experience in relevant areas. Age below 40 years Specialization in the areas are given below.

**1. Address for sending applications for the posts in NATIONAL WIND TUNNEL FACILITY, (NWTF):**

The Co-ordinator, National Wind Tunnel Facility (NWTF), Room No-A-14  
IIT Campus, IIT Kanpur-208016

**2. Job Description for the positions in National Wind Tunnel Facility (NWTF):**

- Laser based instrumentation & measurement systems for wind tunnel applications
- Wind Tunnel instrumentation using virtual instrumentation based data acquisition and controls.
- Wind tunnel model design using 2D and 3D modelling software and hydraulic systems.
- Wind tunnel testing of civil engineering structure including design and testing of aero-elastic models.
- Wind tunnel testing of aerospace vehicles, design and conduct of experiments and data analysis and reporting.

**II. For Samtel Centre For Display Technologies, (SCDT):  
Project No: SCDT/R&D/19990214**

SI. NO.	JOB DESIGNATION	NO. OF VACANCIES	PAY SCALE(S)	ELIGIBILITY CRITERIA
1	<b>Research Engineer/Scientist (Grade I)</b>	2	PB-3 Rs. 15600-39100 Grade Pay of Rs. 6600 <b>Total approx emoluments:</b> Rs.32,634/- + Transport Allowance as applicable]	M.Tech/M.Sc. or equivalent (preferred 3 years exp. or Ph.D in Material Science/Engineering/ EE/Che/ME/ Phy/ Chm) Age below 40 years Job Description are mentioned below.

**1. Address for sending applications for the posts in SAMTEL CENTRE FOR DISPLAY TECHNOLOGIES, (SCDT):**

The Co-ordinator, Samtel Centre for Display Technologies (SCDT), Room No-204 IIT Campus, IIT, Kanpur-208016

**2. Job Description for the positions in Samtel Centre for Display Technologies, (SCDT):**

- Managing clean rooms, up-keep of equipments and processes on them, optical and electrical characterization of organic materials and devices, development of new processes in the area of organic electronics, assistance in execution of research ideas, managing effective coordination of student use of laboratory, establishing and maintaining policy of clean room usage and streamlining purchases for effective use of clean room.
- Knowledge of vacuum processes and equipment, lithography, semiconductor fabrication methods , exposure to organic electronics (OLED,OTFT,OPV, Printing techniques et.) familiarity with the measurement techniques such as PL,PLE, TRPL,El. spectro-radiometer, microscopes, profilometer, ellipsometer, probe, stations and such equipments in common use in conjunction with fabrication of electronic devices.

### **General Instructions to the Candidate**

1. Necessary salary and other financial provision shall be provided from the budgetary sanctions of the ongoing projects in the respective centres.
2. All positions shall be purely contractual for a period of 3 years and extendable upto 5 years.
3. Housing/Perks will be applicable as per norms.
4. Mere eligibility will not entitle any candidate for being called for interview.
5. The Institute reserves the right to withdraw any advertised post(s) at any time without assigning any reason.
6. Minimum requirements of qualifications and/ or experience can be relaxed in respect of exceptionally outstanding candidates.
7. Applicant not found suitable for a position may be considered for a lower position in the same area of specialization.
8. Persons serving in Govt./Semi-Govt./PSUs, should send their applications either **THROUGH PROPER CHANNEL** or should furnish a **NO OBJECTION CERTIFICATE** at the time of interview. They can, however, send an advance copy along with **DEMAND DRAFT in original**
9. Applications should be accompanied with a non-refundable demand draft of Rs500/- for the posts of NWTF and SCDT drawn in favour of 'Director', IIT Kanpur payable at SBI, IIT Kanpur. The issuing date of demand draft should be within the duration of Advertisement. Demand Draft will not be re-adjusted under any circumstances. No other mode of payment will be accepted, and such applications will be rejected forthright and payment made shall stand forfeited.

The prescribed application form can also be downloaded from the Institute's website: <http://www.iitk.ac.in/dord/employment.htm> The completed application must reach the Institute on or before February 28, 2010.