



Indian Institute of Technology Kanpur

Institute Research and Development Committee

Minutes of the IRDC Meeting held on 22nd September (Tuesday)
at 5:30 pm in PBCEC

Members Present: Drs. K. Muralidhar (Chairman), B. Basu (Convener), Nishith Verma, Kumar R. Priya, A. Agarwal, Anoop Singh, B.V. Phani, Jitendra Kumar, K. V. Satya Murty

Special invitee: Mr. Rajeev Garg, SE, IWD and Mrs. Avanti Joshi

At the beginning of the meeting, DORD welcomed Mr. Rajeev Garg as a special invitee to IRDC meeting. The minutes of IRDC meeting held on 7th September, 2009 were ratified. And the softcopy of the proposal and presentation files are now available at the weblink: http://www.iitk.ac.in/dord/research_centers.htm.

1. **Presentation by SE, IWD on research labs:** SE, IWD, presented IWD's long track record of accomplishments in terms of creating large research facilities, like NWTF, Nanoscience initiative (Four clean rooms - class 10,000 and class 1000), Center for Environmental Science and Engineering (rated as five star by TERI), Helicopter building, renovation of existing chemistry labs, liquid helium plant, Engine research Lab, Energy Conversion Lab, 4i Lab, Transportation Engineering Lab and lately, the Microfabrication Lab. After a detailed discussion over close to an hour, the following points emerged:

- Safety issue related to gas cylinders, Chemical disposal, Computer peripherals etc. are major concerns. IRDC opined that there is a need for safety officer on the campus to monitor the laboratory safety issues. This becomes increasingly important in the present time scale as a number of large scale equipments are currently available in the campus and this will be in the greater interests of the researchers and students.
- Bio-ethics committee needs to be formed as per requirement of Department of Biotechnology.
- Leakage problem frequently causing partial/full damage to research equipments and the solution can be the use of a transformer.
- Any request for lab maintenance related work needs to be forwarded by HOD.

2. **Discussion on R & D document** – R & D document was presented by convener, IRDC.

IRDC appreciated the contribution of Mrs. Joshi, Mr. Satya Murty and staff members of DORD Office for coming up with such a comprehensive document. Specific comments recorded are:

- a. A slim version of the document that summarizes major points is desirable.
- b. An index is to be prepared.
- c. (Soft-version) Contents should be linked to the respective chapters by hyperlinks.
- d. Administrative structure of the Institute needs to be included.
- e. A section on how the new faculty can create and operate projects is required.
- f. Reference to FIST should be reconsidered.

Mrs. Joshi was requested to revise the document in the light of the suggested changes. The revised document will be discussed at departmental level before further discussion in IRDC.

3. **Any other matter:** With Dr Bikramjit Basu's term coming to an end, a new convener of IRDC is to be chosen. Accordingly, the following committee, constituted to seek nominations and conduct elections (if required) for the next convener, is requested to identify the person at the earliest.

Dr Nishith Verma, Chemical Engineering
Dr B.V. Phani, IME
Dr A.K. Agarwal, Mechanical Engineering (convener)

Prepared by

Bikramjit Basu
IRDC Convener

Forwarded

K. Muralidhar
Dean: Research and Development

Prepared on 23rd September, 2009