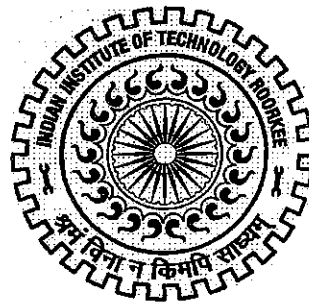


अभिशासक परिषद्  
की पंद्रहवीं बैठक का कार्यवृत्त

**MINUTES OF THE 15<sup>TH</sup> MEETING OF THE  
BOARD OF GOVERNORS**

**9<sup>th</sup> MAY 2006**



भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - २४७ ६६७ (भारत)

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
ROORKEE-247 667 (INDIA)**



# भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की-247 667, उत्तरांचल, भारत

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

ROORKEE-247 667, UTTARANCHAL, INDIA

प्रशान्त गर्ग  
उप कुलसचिव (प्रशासन)

**Prashant Garg**  
Deputy Registrar (Admn )

Tele (91) 1332-285637(O), 285639 (R) Fax. 273560, 285310  
e-mail dregiseb@iitr.ernet.in prashantgarg7@hotmail.com

No.IITR/MS/15<sup>th</sup> BOG/750

Dated 2<sup>nd</sup> June 2006

All Members of the Board of Governors  
Indian Institute of Technology Roorkee

**Sub: Minutes of the 15<sup>th</sup> Meeting of the Board of Governors of the  
Indian Institute of Technology Roorkee held on 9<sup>th</sup> May 2006.**

Kindly find enclosed the minutes of the 15<sup>th</sup> Meeting of the Board of Governors of the Institute, which have been duly approved by the Chairman, Board of Governors.

It is requested that comments, if any, on the above referred minutes may kindly be sent to the undersigned within 15 days. If no comments are received within this period, it would be presumed that you agree with the minutes as recorded, and action may be initiated to implement the same.

Encl: As above

  
(Prashant Garg)  
Actg. Registrar

To:

1. Sri Jai Prakash Gaur  
Chairman, BOG  
Indian Institute of Technology Roorkee  
JAIPRAKASH ASSOCIATES LIMITED  
J.A. House, 63, Basant Lok, Vasant Vihar,  
New Delhi 110 057
2. Prof. S.C. Saxena  
Director  
Indian Institute of Technology, Roorkee

3. Mr. P. Mitra, IAS  
Principal Secretary to Govt. of H.P  
Technical Education Department  
Simla- 2 ( Himachal Pradesh)
4. Mr. V.K. Dhawan  
Chairman, Sara Group of Industries  
Corporate Headquarters  
7/1, Pritam Road  
Dehradun 248 001
5. Mr. Ajit M. Sharan, I.A.S.  
Commissioner and  
Secretary to Govt. of Haryana  
Technical Education Department,  
Haryana Civil Secretariat  
Chandigarh
6. Mr. Ravi Mathur, IAS  
Jt. Secretary (Tech)  
Department of Secondary & Higher Education  
MHRD, Shastri Bhawan  
New Delhi - 110 001
7. Dr. D.V. Singh  
Divisional Head  
Division of Plant Pathology  
Indian Agricultural Research Institute (IARI)  
New Delhi 110 012
8. Mr. Sirajuddin Qureshi  
Managing Director,  
Hind Agro Industries Ltd.  
B-3, Friends Colony (West)  
Main Mathura Road  
New Delhi 110 065
9. Mrs. Sushma Berlia  
President- PHDCCI  
President- Apeejay Styra Group  
14, Commercial Complex  
Masjid Moth, Greater Kailash-II  
New Delhi 110 048

10. Prof. H. Sinvhal  
Department of Earth Sciences  
Indian Institute of Technology, Roorkee
11. Prof. D.K. Mehra  
Department of Electronics & Computer Engineering  
Indian Institute of Technology, Roorkee
12. Prof. H.K. Verma  
Dy. Director  
Indian Institute of Technology, Roorkee  
Roorkee 247 667  
Special Invitee
13. Prof. Gopal Chauhan  
Dean (Administration)  
Indian Institute of Technology, Roorkee  
Roorkee 247 667  
Special Invitee
14. Prof. A.K. Awasthi  
Dean, Faculty Affairs  
Indian Institute of Technology, Roorkee  
Special Invitee
15. Lt. Col. (Retd.) A.K. Srivastava  
Registrar  
Indian Institute of Technology, Roorkee  
Secretary

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**  
**ROORKEE 247 667**



**MINUTES OF THE 15<sup>th</sup> MEETING OF THE BOARD OF  
GOVERNORS HELD ON 9<sup>TH</sup> MAY 2006**

<b>Item No.</b>	<b>Particulars</b>	<b>Page (s)</b>
<b>15.1.0</b>	<b>PROCEDURAL</b>	
15.1.1	To confirm the minutes of the 14 <sup>th</sup> meeting of the Board of Governors held on 24 <sup>th</sup> December 2005.	2
15.1.2	To receive a report on the action taken on the 14 <sup>th</sup> meeting of the Board of Governors held on 24 <sup>th</sup> December 2005.	2
15.1.3	To receive a report from the Director on the significant developments/ issues since the last meeting of the Board held on 20 <sup>th</sup> September 2005.	2
<b>15.2.0</b>	<b>MATTERS DISCUSSED/RECOMMENDED BY THE STATUTORY BODIES/COMMITTEES.</b>	
15.2.1	To take a note of the Minutes of the 12 <sup>th</sup> meeting of the Building & Works Committee held on 30 <sup>th</sup> April 2006. (The items, which require specified approval, have been included in the agenda, separately).	3
15.2.2	To consider the preliminary estimate of Rs. 29.42 lacs for construction of Dining Hall, Kitchen, T.V. Room, Waiting Room and Matron residence in the New Girls Hostel (Old Teachers Hostel).	3
15.2.3	To receive the present status report for development of the Greater Noida Extension Centre as recommended by the B&WC.	3

<b>15.3.0</b>	<b>MATTERS FOR POLICY DECISION</b>	
15.3.1	To consider provision for giving personal computers and other electronics items to faculty and officers of the institutes on their superannuation.	4
15.3.2	To consider transfer of Professional Development Fund (PDF) within the IITs.	4
15.3.3	To consider the recommendations of Institute Administrative Committee (I.A.C.) dated 23 <sup>rd</sup> November, 2005 Annexure 5.3.3 regarding evolving a common approach to refer the cases to the Medical Board on Medical Ground	4
15.3.4	To consider the revised Purchase & Stores Rules.	4
15.3.5	To consider funding for scheme 'B' to provide financial support to initiate a research area.	4
15.3.6	To consider the selection procedure for recruitment of Research staff under sponsored research and industrial consultancy project through walk-in-interview procedure.	5
15.3.7	To consider allowing retired teachers working under emeritus fellowship to be PI of Projects Sponsored by outside agencies.	5
<b>15.4.0</b>	<b>ADMINISTRATIVE MATTERS</b>	
15.4.1	To consider the request of Dr. J.P. Gupta, Ex-Professor, Electronics & Computer Engineering Department for voluntary retirement after technical resignation.	5
15.4.2	To consider the proforma of Undertaking/Agreement to be filled by a member of staff of IIT Roorkee proceeding on Extra-Ordinary Leave (Ex-India).	6
15.4.3	To consider the request dated 28.10.2005 of Mr. P.K. Patel, Associate Professor, Arch. & Planning Deptt. (a) to reject the report of Dr. K.L. Chopra Committee (b) to reject the decision of BoG of 30.3.2002 (c) to give him justice.	6

15.4.4	To consider the Audit Report of the Accountant General (Audit), Uttaranchal on the accounts of the Institute for the years 2001-2002 (21.9.2001 to 31.3.2002), 2002-2003 and 2003 -2004.	6
15.4.5	To consider the issue of granting Lumpsum Incentives for acquiring higher qualifications to the employees of the Institute w.e.f. 21.09.2001 instead of 28.01.2004.	7
15.4.6	To consider the panel of Experts who shall act as Nominees of the Board of Governors for faculty selections.	7
15.4.7	To consider-  1. Resignation letter dated 20.10.2005 received from Dr. Munawwar Ali khan, Assistant Professor, Department of Biotechnology. 2. His request to withdraw the resignation and re-join the Institute.	7
15.4.8	To consider the fees structure for the ITEC and TCS Colombo Plan Foreign Trainees from the developing countries including the ICCR sponsored candidates at par with the Indian students.	8
15.4.9	To consider the recommendations of Prof. S.K. Verma committee for Time Scale benefits to the Department of Paper Technology Staff at Saharanpur Campus.	8
15.4.10	To consider the payment of Non-Productivity Linked Bonus to the employees who are in the pay scale of Rs. 6500-10500 after promotional time scale and mapping.	9
15.4.11	Extension of contractual appointment of Mr. Mukesh Kumar, Scientific Officer Grade-II (on contract) in Information Superhighway Centre and Mrs. Nisha, Scientific Officer Grade-II (on contract) in the Central Library.	9
15.4.12	To consider filling of one entry level post of Staff Nurse in the Institute Hospital.	9

15.4.13	To consider the request of Assistant Registrars for the grant of higher pay scale of Rs. 10000-15200 on completion of 8 years of service as Assistant Registrar.	10
15.4.14	To consider the issue of counting of past service vis-a-vis New Pension Scheme.	10
15.4.15	To consider filling up one post of Junior Superintendent for the Legal Cell	11
15.4.16	To approve the Constitution of Roorkee School for the Deaf.	11
15.4.17	To consider for grant of an extension for appointment on contractual assignment as Head of A.H.E.C. to Sri Arun Kumar, Chief Scientific Officer (CSO) presently Head, AHEC.	11
15.4.18	To consider the implementation of Modified Recruitment & Career Progression Scheme (RCPS) for non-teaching employees in Group-B, C & D of the IIT.	11
15.4.19	To consider the regularization of the Quasi-Regular Staff.	12
15.4.20	To consider an issue of allowing the benefits of one additional Increment\First and Second Time Scale on completion of 10/16 & 21/26 years of service of the employees working in the sponsored Projects/Research Schemes of the Institute on the pattern of UOR system at par with other regular employees.	12
15.4.21	To consider the -  (a) Recommendations of Selection Committees for Faculty Positions of Professor, Associate Professor, Assistant Professor, Lecturer (on contract) and Emeritus Fellow in the Department of Metallurgical & Materials Engineering, held on 25 <sup>th</sup> & 26 <sup>th</sup> March 2006.	12



	(b) Recommendations of Selection Committees for Faculty Positions of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Civil Engineering, held on 1 <sup>st</sup> & 2 <sup>nd</sup> April 2006.	
<b>15.5.0</b>	<b>REPORTING ITEMS:</b>	
15.5.1	To report the Decisions/Actions taken by the Chairman, Board of Governors on behalf of the Board of Governors.	13
15.5.2	To report certain matters for the Information of the Board of Governors.	16
	<b>UNDER ANY OTHER ITEMS:</b>	
15.3.8	To consider the appointment of Dean, Finance & Planning	19
15.4.22	To consider the conduct of Dr.Sanjay Palsule, Associate Professor, DPT, Saharanpur Campus during probation period.	20
App. 'A'	Preliminary Estimate for construction of Dining Hall, Kitchen, Waiting Room, Matron residences & TV Room in the New Girls' Hostel.	21-24
App. 'B'	Proforma of Agreement with a member of staff of IIT Roorkee Proceeding on EOL ( Ex-India).	25-26
App. 'C'	Panel of Expert for the faculty selections	27-68
App. 'D'	MoU between IITR and School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland.	69-73
App. 'E'	MoU between IITR and Concordia University, Canada.	74-79
App. 'F'	MoU between IITR and the Institut National des Telecommunication (EVRY) France.	80-84
App. 'G'	UO Note for creation of Budget Head in Consultancy Projects for meeting the expenses on power and fuel.	85-86

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**  
**ROORKEE - 247 667**



**MINUTES OF THE 15<sup>th</sup> MEETING OF THE BOARD OF GOVERNORS  
HELD ON 9<sup>th</sup> May 2006 AT 3.00 P.M. IN THE BOARD ROOM OF THE  
IIT DELHI.**

**PRESENT:**

1.	Sri Jai Prakash Gaur	Chairman
2.	Prof. Prem Vrat, Director, IIT Roorkee	Member
3.	Mr. V.K. Dhawan, Dehradun	Member
4.	Mr. Ravi Mathur, IAS, JS(T), MHRD	Member
5.	Mr. Sirajuddin Qureshi, New Delhi	Member
6.	Mrs. Sushma Berlia, New Delhi	Member
7.	Prof. H. Sinval, IIT Roorkee	Member
8.	Prof. D.K. Mehra, IIT Roorkee	Member
9.	Prof. H.K. Verma, Dy. Director, IIT Roorkee	Special Invitee
10.	Prof. Gopal Chauhan, Dean Administration	Special Invitee
11.	Prof. A.K. Awasthi, Dean of Faculty Affairs	Special Invitee
12.	Prof. Ravi Bhushan, Ex-Prof-in-Charge Finance	Special Invitee

The Chairman extended a hearty welcome to all the members attending the 15<sup>th</sup> meeting of the Board of Governors. Before taking up the agenda, the Board of Governors thanked the under mentioned outgoing members and recorded its appreciation for their valuable contribution in the meetings of the Board of Governors: -

1. Mr. K.N.Memani, Ex-President, PHDCCI, New Delhi.
2. Dr. K.N.Shukla, Dean, College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar.
3. Prof. H.K. Verma, Electrical Engineering Department, IIT Roorkee.
4. Prof. A.K.Jain, Chemistry Department, IIT Roorkee.

In addition, the Board of Governors also thanked Prof. S. Ray, Ex-Dean (Administration), IIT Roorkee who had attended the meetings of the BOG as a Special Invitee.

The Board of Governors also extended a hearty welcome to the under mentioned new members as well as special invitees, and solicited their valuable contribution and active participation in its functioning:

1. Mr. V.K.Dhawan, Chairman, Sara Group of Industries, Dehradun.
2. Mrs. Sushma Berlia, President, PHD Chamber of Commerce & Industry, New Delhi.
3. Prof. H. Sinval, Department of Earth Sciences, IIT Roorkee.
4. Prof. D.K. Mehra, Department of Electronics & Communication Engineering, IIT Roorkee.
5. Prof. H.K. Verma, Dy. Director, IIT Roorkee (Special Invitee).
6. Prof. Gopal Chauhan, Dean (Administration), IIT Roorkee (Special Invitee).

The agenda was then taken up.

**Item No.15.1.1 To confirm the minutes of the 14<sup>th</sup> Meeting of the Board of Governors held on 24<sup>th</sup> December 2005.**

The minutes of the 14<sup>th</sup> meeting of the Board of Governors held on 24<sup>th</sup> December 2005 were confirmed.

**Item No.15.1.2 To receive a report on the action taken on the minutes of the 14<sup>th</sup> Meetings of the Board of Governors held on 24<sup>th</sup> December 2005.**

The action taken report on the minutes of the 14<sup>th</sup> Meeting of the Board of Governors held on 24<sup>th</sup> December 2005 was noted.

**Item No.15.1.3 To receive a report from the Director on the significant developments, activities and progress that have taken place since the last meeting of the Board held on 24<sup>th</sup> December 2005.**

The Board appreciated the report presented by the Director highlighting the significant developments, activities and progress that had taken place since the last meeting of the Board held on 24<sup>th</sup> December 2005, with special reference to (a) Academic & Administrative Activities (b) Admissions to different Academic Programmes (c) Honours & Awards (d) Faculty Affairs (e) Special Courses

Organised (f) Conferences/ Seminars/Workshops  
Organized (g) Sponsored Research & Industrial  
Consultancy (h) Students' Activities (i) Establishment  
of New Centres (j) Staff Affairs (k) IITR Alumni  
Association Activities (l) New Initiatives (m) Events  
Organised and (n) Important Visitors to the Institute.

**Item No.15.2.1 To take a note of the Minutes of the 12<sup>th</sup> meeting of the Building & Works Committee held on 30<sup>th</sup> April 2006.**

The Board noted the Minutes of the 12<sup>th</sup> meeting of the Building & Works Committee held on 30<sup>th</sup> April 2006.

**Item No.15.2.2 To consider the preliminary estimate of Rs. 29.42 lacs for construction of Dining Hall, Kitchen, T.V. Room, Waiting Room and Matron residence in the New Girls Hostel (Old Teachers Hostel).**

The Finance Committee had considered the issue vide item No.14.12. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/01/2006: RESOLVED THAT** the preliminary estimate amounting to Rs.29.42 lacs as proposed by the Building & Works Committee and recommended by the Finance Committee (**Appendix 'A'**) for construction of a Dining Hall, a Kitchen, a Waiting Room, the Matron's residence and a T.V. Room in the New Girls' Hostel (Old Teachers' Hostel) be approved.

**Item No.15.2.3 To receive the present status report for development of the Greater Noida Extension Centre as recommended by the B&WC.**

The Finance Committee had considered the issue vide item No.14.13. The recommendations of the Finance Committee that "the work for execution of Phase-I of the Greater Noida Extension Centre be started" were placed before the Board of Governors. After discussion, the Board decided that the proposal be brought in the next meeting where a detailed

presentation about the proposed activities of the Centre including courses to be run at the various levels, be made.

- Item No.15.3.1 To consider provision for giving personal computers and other electronics items to faculty and officers of the institutes on their superannuation.**

The Board desired that the matter be routed through the Finance Committee.

- Item No.15.3.2 To consider transfer of Professional Development Fund (PDF) within the IITs.**

**RESOLUTION No.BG/02/2006: RESOLVED THAT** the provision for transfer of PDF within the IIT system be approved.

- Item No.15.3.3 To consider the recommendations of Institute Administrative Committee (I.A.C.) dated 23<sup>rd</sup> November, 2005 Annexure 5.3.3 regarding evolving a common approach to refer the cases to the Medical Board on Medical Ground.**

**RESOLUTION No.BG/03/2006: RESOLVED THAT** the Government of India rules which are well defined, be followed for compulsory retirement on medical grounds and for referring the cases to the Medical Board on Medical grounds.

- Item No.15.3.4 To consider the revised Purchase & Stores Rules.**

The Board desired that the matter be routed through the Finance Committee.

- Item No.15.3.5 To consider funding for scheme 'B' to provide financial support to initiate a research area.**

The Board desired that the matter be routed through the Finance Committee.

  
02 JUN 2006

**Item No.15.3.6**

**To consider the selection procedure for recruitment of Research staff under sponsored research and industrial consultancy project through walk-in-interview procedure.**

**RESOLUTION No.BG/04/2006: RESOLVED THAT** for recruitment of research staff under sponsored research and industrial consultancy projects, the alternative procedure of recruitment through walk-in-interviews be approved. However, the Board desired that the walk-in-interviews be also advertised in the press besides other means.

**Item No.15.3.7**

**To consider allowing retired teachers working under emeritus fellowship to be PI of Projects Sponsored by outside agencies.**

**RESOLUTION No.BG/05/2006: RESOLVED THAT** the retired teachers working under Emeritus Fellowship be allowed to be Principal Investigators, if the sponsors do not have any objection.

The Board **FURTHER RESOLVED** that such Principal Investigators may not be allowed to have the power of the Head of the Department as in case of PI's on regular service, for carrying out the Projects.

**Item No.15.4.1**

**To consider the request of Dr. J.P. Gupta, Ex-Professor, Electronics & Computer Engineering Department for voluntary retirement after technical resignation.**

**RESOLUTION No.BG/06/2006: RESOLVED THAT** the request of Dr. J.P. Gupta, Ex-Professor, Department of Electronics and Computer Engineering to withdraw his technical resignation and change it to voluntary retirement with effect from July 25, 1999 be and is hereby accepted and accordingly his pension benefits be notified and paid to him.

  
02 JUN 2006

**Item No.15.4.2 To consider the proforma of Undertaking/ Agreement to be filled by a member of staff of IIT Roorkee proceeding on Extra-Ordinary Leave (Ex- India).**

**RESOLUTION No.BG/07/2006: RESOLVED THAT** the modified proforma of Undertaking/ Agreement to be filled by a member of staff of IIT Roorkee proceeding on Extra-Ordinary Leave (Ex-India) as given at **Appendix 'B'** be approved.

**Item No.15.4.3 To consider the request dated 28.10.2005 of Mr. P.K. Patel, Associate Professor, Arch. & Planning Deptt. (a) to reject the report of Dr. K.L. Chopra Committee (b) to reject the decision of BoG of 30.3.2002 (c) to give him justice.**

**RESOLUTION No.BG/08/2006: RESOLVED THAT** the representation dated 28.10.2005 of Mr. P.K.Patel, Associate Professor, Department of Architecture & Planning to reject the report of Dr. K.L.Chopra Committee and the decision of the Board of Governors dated 30.3.2002 be not accepted.

The Board **FURTHER RESOLVED** that the Institute may initiate disciplinary action against Mr. P.K.Patel.

**Item No.15.4.4 To consider the Audit Report of the Accountant General (Audit), Uttaranchal on the accounts of the Institute for the years 2001-2002 (21.9.2001 to 31.3.2002), 2002-2003 and 2003 -2004.**

The Finance Committee had considered the issue vide item No.14.4. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/09/2006: RESOLVED THAT** the Audit Report of the Accountant General (Audit), Uttaranchal on the accounts of the Institute for the years 2001-2002 (21.9.2001 to 31.3.2002), 2002-2003 and 2003 -2004 be noted.

The Board **FURTHER RESOLVED** that the recommendations of the Finance Committee that the recurring expenditure pertaining to activities initiated in a particular Plan be booked to the Plan Grant.

**Item No.15.4.5 To consider the issue of granting Lumpsum Incentive for acquiring higher qualifications to the employees of the Institute w.e.f. 21.09.2001 instead of 28.01.2004.**

The Finance Committee had considered the issue vide item No.14.5. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/10/2006: RESOLVED THAT** the Lumpsum Incentive for acquiring higher qualifications to the employees of the Institute w.e.f. 21.09.2001 instead of 28.1.2004 be recommended to the MHRD for approval.

**Item No.15.4.6 To consider the panel of Experts who shall act as Nominees of the Board of Governors for faculty selections.**

**RESOLUTION No.BG/11/2006: RESOLVED THAT** the panel of Experts who shall act as Nominees of the Board of Governors for the faculty selections as given at **Appendix 'C'** be approved. This will be effective for a period of three years w.e.f. 9.5.2006. The addresses and designations of the experts may be updated from time to time, as necessary.

**Item No.15.4.7 To consider-**

- 1. Resignation letter dated 20.10.2005 received from Dr. Munawwar Ali Khan, Assistant Professor, Department of Biotechnology.**
- 2. His request to withdraw the resignation and re-join the Institute.**

**RESOLUTION No.BG/12/2006: RESOLVED THAT** the resignation of Dr. Munawwar Ali Khan from the post of Assistant Professor in the Department of



Biotechnology be accepted w.e.f. 24.1.2006 (AN) after adjusting all types of leave due to him as per rules, and in case he does not produce the NO DUES certificate, then the dues against him be recovered from him.

**FURTHER RESOLVED** that the request dated 12.2.2006 of Dr. Munawwar Ali Khan, Assistant Professor, Department of Biotechnology for withdrawing the resignation and re-joining the Institute be not accepted.

**Item No.15.4.8**

**To consider the fees structure for the ITEC and TCS Colombo Plan Foreign Trainees from the developing countries including the ICCR sponsored candidates at par with the Indian students.**

**RESOLUTION No.BG/13/2006: RESOLVED THAT** the fees structure for the ITEC and TCS Colombo Plan Foreign Trainees from the developing countries including the ICCR sponsored candidates at par with the Indian students be accepted in principle. The same be placed before the Council of IITs, to ensure uniformity in all the IITs.

**Item No.15.4.9**

**To consider the recommendations of Prof. S.K. Verma committee for Time Scale benefits to the Department of Paper Technology Staff at Saharanpur Campus.**

The Finance Committee had considered the issue vide item No.14.6. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/14/2006: RESOLVED THAT** since the PPS Scheme of the University of Roorkee was in existence before 21.9.2001, the proposal is recommended to the MHRD for approval.

  
02 JUN 2006

- Item No.15.4.10 To consider the payment of Non-Productivity Linked Bonus to the employees who are in the pay scale of Rs. 6500-10500 after promotional time scale and mapping.**

The Finance Committee had considered the issue vide item No.14.7. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/15/2006: RESOLVED THAT** the issue for payment of Non-Productivity Linked Bonus to the employees be taken up with the MHRD.

- Item No.15.4.11 Extension of contractual appointment of Mr. Mukesh Kumar, Scientific Officer Grade-II (on contract) in Information Superhighway Centre and Mrs. Nisha, Scientific Officer Grade-II (on contract) in the Central Library.**

**RESOLUTION No.BG/16/2006: RESOLVED THAT** the extension of contractual appointment of Mr. Mukesh Kumar, Scientific Officer Grade-II (on contract) in the Information Superhighway Centre and Mrs. Nisha, Scientific Officer Grade-II (on contract) in the Central Library, be approved for a period of one year.

- Item No.15.4.12 To consider filling of one entry level post of Staff Nurse and one Jr. Attendant (Female Aya) in the Institute Hospital.**

The Finance Committee had considered the issue vide item No.14.8. The recommendations of the Finance Committee were placed before the Board of Governors.

**RESOLUTION No.BG/17/2006: RESOLVED THAT** one post of Staff Nurse and one Jr. Attendant (Female Aya) may be filled. The pay scale and qualification for these posts would be as under:

**Staff Nurse: Pay scale Rs.5000 – 150 – 8000**

**Qualification:** Intermediate OR 10+2 OR Equivalent and must have passed the examination held by the Nursing Council with a 3 year course in General Nursing and Mid-wifery.

**Desirable** :1 years experience in a hospital recognized by the Central or State Nursing Council. Those possessing a degree in Nursing may be granted two advance increments in the scale of pay.

**Jr. Attendant (Female Aya) :**

**Pay Scale 2650 – 65 – 3300 – 70 - 4000**  
**(Semi skilled)**

**Qualification :** 10<sup>th</sup> Standard pass with one year of relevant training .

**Item No.15.4.13 To consider the request of Assistant Registrars for the grant of higher pay scale of Rs. 10000-15200 on completion of 8 years of service as Assistant Registrar.**

The Finance Committee had considered the issue vide item No.14.9. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board resolved as under:

**RESOLUTION No.BG/18/2006: RESOLVED THAT** the request be kept on hold as the MHRD is actively considering a separate career advancement scheme for the Group 'A' Officers of the IITs.

**Item No.15.4.14 To consider the issue of counting of past service vis-a-vis New Pension Scheme.**

**RESOLUTION No.BG/19/2006: RESOLVED THAT** the Government of India rules/ instructions/ clarifications be followed for counting of past service vis-à-vis the New Pension Scheme and the earlier resolution of BOG, BG/14/2005 in this regard, stands amended to the extent of deleting the term "State Government/autonomous bodies fully or substantially funded by State Government".

**Item No.15.4.15 To consider filling up one post of Junior Superintendent for the Legal Cell**

The Finance Committee had considered the issue vide item No.14.10. The recommendations of the Finance Committee were placed before the Board of Governors.

**RESOLUTION No.BG/20/2006: RESOLVED THAT** one post of Junior Superintendent in the pay scale of Rs. 5500-9000 for the Legal Cell may be filled. The qualifications for the same will be as under:

"A Masters Degree in any stream and a bachelor's degree in law, with five years of experience of handling legal cases in a High Court".

**Item No.15.4.16 To approve the Constitution of Roorkee School for the Deaf.**

The issue be deferred for the next meeting.

**Item No.15.4.17 To consider for grant of an extension for appointment on contractual assignment as Head of A.H.E.C. to Sri Arun Kumar, Chief Scientific Officer (CSO).**

**RESOLUTION No.BG/21/2006: RESOLVED THAT** the extension of contractual assignment of Sri Arun Kumar, Chief Scientific Officer (CSO) and Head of the Alternate Hydro Energy Centre be approved for a period of one year w.e.f. 1.6.2006 on existing terms and conditions.

**Item No.15.4.18 To consider the implementation of Modified Recruitment & Career Progression Scheme (RCPS) for non-teaching employees in Group-B, C & D of the IIT.**

**RESOLUTION No.BG/22/2006: RESOLVED THAT** the Modified Recruitment & Career Progression Scheme (RCPS) for non-teaching employees in Group-B, C & D of the IIT Roorkee as given in the agenda note, be implemented and observed that the

item need not have been brought for consideration in the BOG in view of MHRD letter in this context.

**Item No.15.4.19 To consider the regularization of the Quasi-Regular Staff.**

After discussion, it was decided that the Institute may await a reply from the MHRD and a request be sent to the MHRD for expediting the case.

**Item No.15.4.20 To consider an issue of allowing the benefits of one additional Increment\First and Second Time Scale on completion of 10/16 & 21/26 years of service of the employees working in the sponsored Projects/ Research Schemes of the Institute on the pattern of UOR system at par with other regular employees.**

The Finance Committee had considered the issue vide item No.14.11. The recommendations of the Finance Committee were placed before the Board of Governors.

**RESOLUTION No.BG/23/2006: RESOLVED THAT** in this regard the Institute should follow the practice of CSIR in respect of Project Staff.

**Item No. 15.4.21 To consider the -**

- (a) Recommendations of Selection Committees for Faculty Positions of Professor, Associate Professor, Assistant Professor, Lecturer (on contract) and Emeritus Fellow in the Department of Metallurgical & Materials Engineering, held on 25<sup>th</sup> & 26<sup>th</sup> March 2006.**
- (b) Recommendations of Selection Committees for Faculty Positions of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Civil Engineering, held on 1<sup>st</sup> & 2<sup>nd</sup> April 2006.**

The Chairman, BOG approved the recommendations of the Selection Committees for (a) and (b) on behalf of the Board.

**RESOLUTION No.BG/24/2006: RESOLVED THAT** the approval accorded by the Chairman, BoG on behalf of the Board in respect of recommendations of the Selection Committee for the post of Professor, Associate Professor, Assistant Professor, Lecturer (on contract) and Emeritus Fellow in the Department of Metallurgical & Materials Engineering held on 25-26 March 2006, be ratified.

**RESOLUTION No.BG/25/2006: RESOLVED THAT** the approval accorded by the Chairman, BoG on behalf of the Board in respect of recommendations of the Selection Committee for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Civil Engineering held on 25-26 March 2006, be ratified.

**Item No. 15.5.1 To report the Decisions/Actions taken by the Chairman, Board of Governors on behalf of the Board of Governors.**

The Board ratified the approvals accorded by the Chairman, BoG on behalf of the Board.

**RESOLUTION NO.BG/26/2006: RESOLVED THAT** the approvals accorded by the Chairman, BoG on behalf of the Board, in the matters listed below, are ratified:

- (a) Signing of MoU between School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland (HTA) and IIT- Roorkee. The MoU was signed on 1<sup>st</sup> April 2006. **(refer Appendix 'D')**
- (b) Signing of MoU between Concordia University, Canada and IIT-Roorkee. **(refer Appendix 'E')**
- (c) Signing of MoU between IIT Roorkee and The Institut National des Telecommunications (EVRY) France. **(refer Appendix 'F')**
- (d) Creation of a budget head in Consultancy Projects for meeting the expenses on power and fuel, and mandatory allocation of 1.5% of the

gross Consultancy budget to this head for putting it in a reserve fund to be transferred to Estate & Works to meet the shortfall in the budget on this account, as and when necessary.  
**(refer Appendix 'G')**

(e) Nomination of the under-mentioned six other members of the academic staff to the Senate for a period of two years w.e.f. 1.1.2006 to 31.12.2007:

- (i) Dr. R.P. Maheshwari, Associate Professor, Department of Electrical Engineering
- (ii) Dr. Manoj Mishra, Associate Professor, Department of E & C.E.
- (iii) Dr. Rashmi Gaur, Associate Professor, Deptt. of Humanities & Social Sciences.
- (iv) Dr. M.R. Maurya, Associate Professor, Department of Chemistry
- (v) Dr. Manoj Arora, Associate Professor, Department of Civil Engineering
- (vi) Dr. Ajay Gairola, Associate Professor, Department of Civil Engineering

(f) Nomination of the under-mentioned two Senators (Professors) on the Board of Governors by the Director (Chairman of the Senate) on behalf of the Senate for a period of two years from 1.1.2006 to 31.12.2007:

- 1. Prof. H. Sinvhal, Department of Earth Sciences
- 2. Prof. D.K. Mehra, Department of Electronics & Communication Engineering.

(g) Recommendations of the Selection Committees for the post of Professor, Assistant Professor & Lecturer (on contract) in the Department of Humanities & Social Sciences held on 22/23.12.2005.

(h) Recommendations of the Selection Committees for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in

the Department of Chemistry held on 06/07.01.2006

- (i) Recommendations of the Selection Committee for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Earth Sciences held on 20.01.2006.
- (j) Recommendations of the Selection Committee for the post of Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Architecture & Planning held on 23.01.2006.
- (k) Extension of contractual appointment of Maj. (Retd.) R.K. Verma, Security Officer for a period of one year w.e.f. 22.2.2006.
- (l) Extension of appointment of Dr. Murari Lal, Visiting Faculty in the Department of Biotechnology w.e.f. 24.1.2006 to 23.1.2007.
- (m) Recommendations of the Selection Committee for the post of Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Biotechnology held on 01.02.2006.
- (n) Recommendations of the Selection Committees for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Mathematics held on 06/07.02.2006.
- (o) Acceptance of resignation of Dr. Murari Lal from the post of Visiting Faculty in the Department of Biotechnology w.e.f. 24.1.2006.
- (p) Extension of appointment as Professor, Railway Chair in Bridge Engineering to Dr. S.K. Thakkar for Seven & Half months w.e.f. 1.3.2006 to 16.10.2006 (upto the age of 65 years).



- (q) Recommendations of the Selection Committee for the post of Professor in the Department of Biotechnology held on 01.03.2006.
- (r) Recommendations of the Selection Committee for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Chemical Engineering held on 06.03.2006.
- (s) Appointment of Deans

Appointment of Prof. Hari Om Gupta, Electrical Engineering as Dean, Undergraduate Studies and Prof. V.K.Gupta, Chemistry Department, as Dean of Students' Welfare w.e.f. 1.1.2006 to 31.12.2006. Further the continuation of the other four Deans for one year w.e.f. 1.1.2006 to 31.12.2006 viz. Prof. A.K. Awasthi as Dean Faculty Affairs, Prof. R.N. Goyal, as Dean, PGS&R, Prof. S. Ray as Dean, SRIC and Prof. Gopal Chauhan as Dean (Admn) with an interchange of portfolios between Prof. S. Ray and Prof. Gopal Chauhan by mutual consent, for better functioning of the Institute. Prof. I.M. Mishra to continue as Dean Saharanpur Campus if he agrees to shift to Saharanpur Campus as was envisaged because Dean Saharanpur Campus has to be a resident Dean at Saharanpur.

- (t) Appointment of Prof. H.K. Verma, Department of Electrical Engineering as Dy. Director, IIT Roorkee initially for a period of two years. He has taken over the charge of Dy. Director with effect from 4<sup>th</sup> May 2006.

**Item No. 15.5.2 To report certain matters for the Information of the Board of Governors.**

**RESOLUTION NO.BG/27/2006: RESOLVED THAT** the matters, as listed below, were noted and recorded:

- (a) Minutes of the 13<sup>th</sup> Meeting of the Finance Committee of the Institute held on 24<sup>th</sup> December 2005.
- (b) Minutes of the 15<sup>th</sup> Meeting of the Senate of the Institute held on 30<sup>th</sup> March 2006.
- (c) श्री सलेक चन्द, सहायक अभियन्ता, कार्यालय मुख्य अभियन्ता स्तर-1, लोक निर्माण विभाग, देहरादून को भारतीय प्रौद्योगिकी संस्थान रुड़की में एक वर्ष की अवधि हेतु संस्थान अभियन्ता के पद पर प्रतिनियुक्ति। श्री सलेक चन्द ने दिनांक 28 अप्रैल 2006 को भारतीय प्रौद्योगिकी संस्थान रुड़की में संस्थान अभियन्ता के पद पर एक वर्ष की अवधि के लिए प्रतिनियुक्ति पर कार्यभार ग्रहण कर लिया है।
- (d) The following faculty members were appointed as per the details given below:-

Sl. No.	Name	Designation	Department	Date
1.	Dr. Inderdeep Singh	Lecturer (on contract)	Mechanical & Industrial Engineering	15.12.2005
2.	Dr. Sudeb Dasgupta	Assistant Professor	Electronics & Computer Engineering	10.1.2006
3.	Dr. S.M. Sondhi	Professor	Chemistry	16.1.2006
4.	Dr.(Mrs.) Bina Gupta	Associate Professor	Chemistry	16.1.2006
5.	Dr. R.K. Peddinti	Assistant Professor	Chemistry	16.1.2006
6.	Dr. A.K. Sharma	Assistant Professor	Mechanical & Industrial Engineering	25.1.2006
7.	Dr. (Mrs.) Pushplata	Associate Professor	Architecture & Planning	27.1.2006
8.	Dr. (Mrs.) Nalini Singh	Associate Professor	Architecture & Planning	27.1.2006
9.	Dr. A.K. Saraf	Professor	Earth Sciences	27.1.2006
10.	Dr. R.G.S. Sastry	Professor	Earth Sciences	27.1.2006
11.	Dr. Sandeep Singh	Associate Professor	Earth Sciences	27.1.2006
12.	Dr. A.K. Sen	Associate Professor	Earth Sciences	27.1.2006

13.	Dr. Mohd. Israil	Associate Professor	Earth Sciences	27.1.2006
14.	Dr. R. Anbalagan	Professor	Earth Sciences	30.1.2006
15.	Mr. Gaurav Raheja	Lecturer (on contract)	Architecture & Planning	30.1.2006
16.	Dr. C.P. Gupta	Assistant Professor	Electrical Engineering	1.2.2006
17.	Dr. N.P. Padhy	Associate Professor	Electrical Engineering	2.2.2006
18.	Dr. A.J. Mishra	Lecturer (on contract)	Humanities & Social Sciences	10.2.2006
19.	Dr. Y.K. Gupta	Professor	Mathematics	14.2.2006
20.	Dr. (Mrs.) Sunita Gakkhar	Professor	Mathematics	14.2.2006
21.	Dr. Shiv Prasad	Associate Professor	Mathematics	14.2.2006
22.	Dr. (Mrs.) M. Sundari	Assistant Professor	Mathematics	14.2.2006
23.	Dr. R. Balasubramanian	Assistant Professor	Mathematics	14.2.2006
24.	Dr. (Mrs.) Aditi Gangopadhyay	Assistant Professor	Mathematics	14.2.2006
25.	Dr. Bijan Choudhury	Assistant Professor	Biotechnology	15.2.2006
26.	Dr. K.R. Justin Thomas	Assistant Professor (on contract)	Chemistry	18.3.2006
27.	Dr. Kaushik Ghosh	Assistant Professor	Chemistry	16.2.2006
28.	Dr. S.Ghatak Choudhuri	Lecturer (on contract)	Electrical Engineering	23.2.2006
29.	Dr. Pushparaj Mani Pathak	Assistant Professor	Mechanical & Industrial Engineering	23.2.2006
30.	Dr. Kamal	Assistant Professor	Earth Sciences	28.3.2006

(e) The following Faculty members and other staff have been brought on the regular cadre:

Sl. No.	Name	Designation	Department	Date on Which brought on Regular Cadre
1.	Mr. Kannabiran Sukumar	Sports Officer	Sports Association	29.11.2005
2.	Mr. Kamal Singh Gotyan	Scientific Officer Gr. -II	Institute Instrumentation Centre	30.11.2005
3.	Dr. B.K. Maheshwari	Assistant Professor	Earthquake Engineering	23.12.2005
4.	Dr. P.S. Chani	Assistant Professor	Architecture & Planning	20.1.2006
5.	Dr. (Mrs.) Mahua Mukherjee	Assistant Professor	Arch. & Plng.	24.01.2005

6.	Dr. Ashutosh Joshi	Assistant Professor	Architecture & Planning	20.01.2005
7.	Mr. Suman Kumar	Assistant Registrar (Finance)	Administration	28.2.2006
8.	Dr. Dharmendra Singh	Assistant Professor	Electronics & Computer Engineering	18.3.2006
9.	Dr. B.R. Gurjar	Assistant Professor	Civil Engineering	21.3.2006

(f) The following Faculty Members and other staff have superannuated/resigned:

Sl. No.	Name	Designation	Department	Date of superannuation/Resignation
1.	Dr. M. Bhattacharya	Professor	Mechanical & Industrial Engineering	31.12.2005
2.	Dr. V.K. Tandon	Associate Professor	Physics	31.12.2005
3.	Dr. H.C. Mehendiratta	Professor	Civil Engineering	31.12.2005
4.	Dr.(Mrs.) I. Sarkar	Assistant Professor	Earth Sciences	27.2.2006(A.N.) (Voluntary Retirement)

(g) The following Faculty Member has been granted Extra Ordinary Leave:

Sl. No.	Name, Designation & Department	Period		Nature of leave	Purpose
		From	To		
1.	Dr. Rajendra Prasad, Assistant Professor, Chemistry Department	10.7.2006	1.7.2008	E.O.L.	To join the post of Senior Lecturer at University of South Pacific in Fiji

#### UNDER ANY OTHER ITEM:

**Item No.15.3.8 To consider the appointment of Dean, Finance & Planning**

The Finance Committee under any other item had considered this issue and recommended that the

BoG may consider the appointment of Dean, Finance & Planning for Financial Planning of the Institute and interaction with the MHRD on financial matters. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

**RESOLUTION No.BG/28/2006: RESOLVED THAT** the appointment of a Dean, Finance & Planning for Financial Planning of the Institute and interaction with the MHRD on financial matters, as recommended by the Finance Committee, be approved.

**Item No.15.4.22 To consider the conduct of Dr.Sanjay Palsule, Associate Professor, DPT, Saharanpur Campus during probation period.**

**RESOLUTION No.BG/29/2006: RESOLVED THAT** the performance of Dr. Sanjay Palsule, Associate Professor, DPT, Saharanpur Campus during the probation period be assessed by a Committee under the Chairmanship of the Director; the Chairman, BOG is authorised to take a decision in the matter of his confirmation or otherwise on behalf of the Board of Governors, as per the recommendations of the said Committee.

The meeting ended with a vote of thanks to the Chair.


  
02 JUN 2006

**Appendix 'A'**  
**Item No. 15.2.2**

**Preliminary Estimate for the Construction of Dining Hall, Kitchen, Waiting Room  
Matron Residence and T.V. Room in New Girls Hostel.**

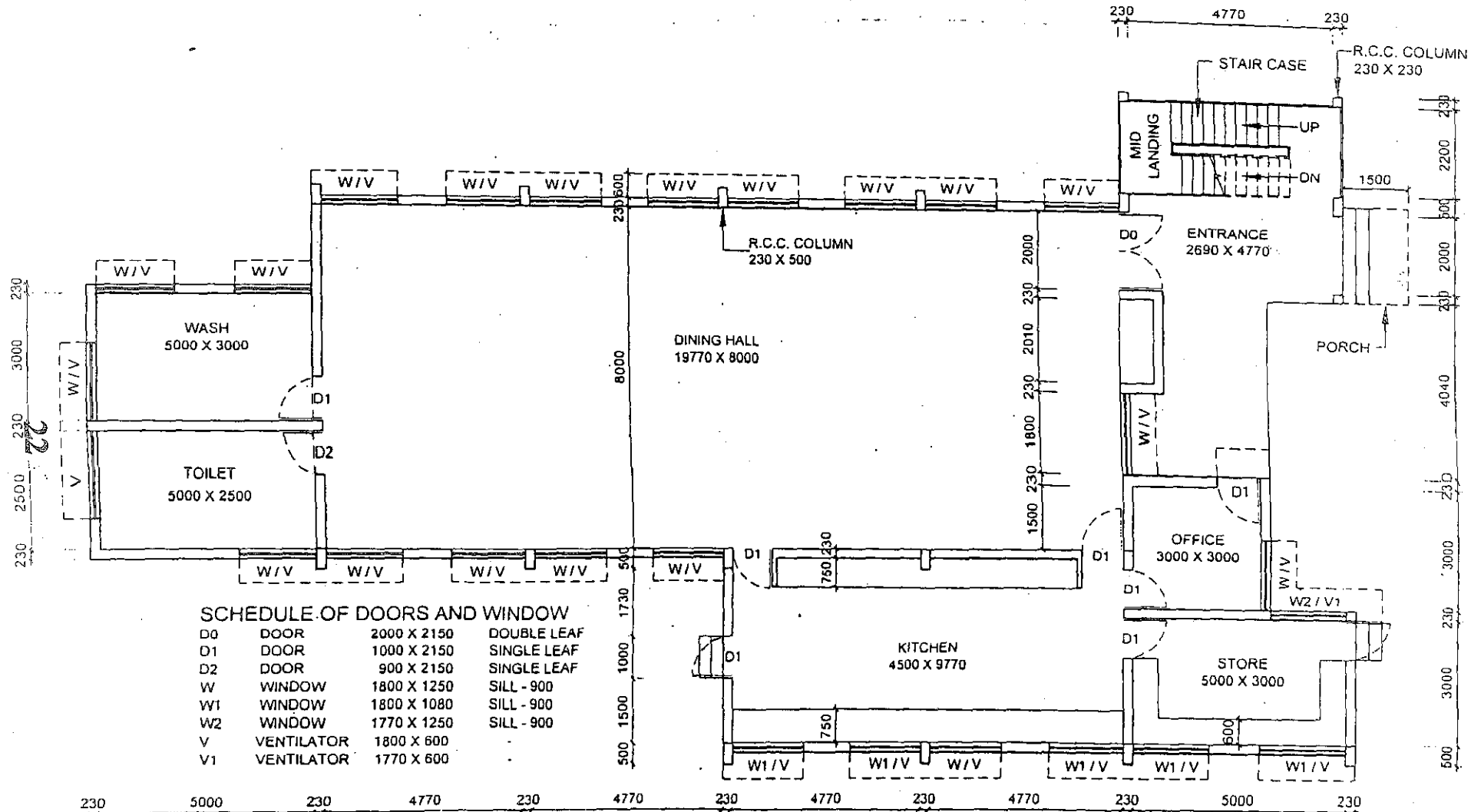
Sl.No.	Proposed Items	Qty	Rate in (Rs.)	Amount (inRs.)
1.	<b>Construction of Dining Hall, Waiting Room &amp; Kitchen.</b>  Plinth Area of G.F.  Din. Hall- 1x20.23x8.46 = 171.15 M <sup>2</sup> Wash & Toilet - 1x6.19x5.23 = 32.37 M <sup>2</sup> Kitchen - 1x8.85x4.73 = 41.86 M <sup>2</sup> Store - 1x5.23x3.46 = 18.10 M <sup>2</sup> Office - 1x3.23x3.23 = 10.43 M <sup>2</sup> Matron Office- 1x7.95x4.06 = 32.28 M <sup>2</sup> Waiting Room- 1x5.76x3.53 = 20.33 M <sup>2</sup> Staircase - 1x2.46x1.60 = 3.94 M <sup>2</sup>  <div style="text-align: right;">----- 330.46 M<sup>2</sup></div>			
		330.46 M <sup>2</sup>	5182.00Per M <sup>2</sup>	17,12,443.72
2.	<b>Construction of T.V. Room &amp; Matron Residence.</b>  Plinth Area of F.F.  T.V. Room - 1x20.23x8.46 = 171.15 M <sup>2</sup> Wash & Toilet- 1x6.19x5.23 = 32.37 M <sup>2</sup> Matron Resi. - 1x5.64x7.59 = 42.81 M <sup>2</sup> Bath Room - 1x2.43x1.60 = 3.89 M <sup>2</sup> Staircase - 1x4.03x2.46 = 9.91 M <sup>2</sup>  <div style="text-align: right;">----- 260.13 M<sup>2</sup></div>			
		260.13 M <sup>2</sup>	4727.00Per M <sup>2</sup>	12,29,634.51
			<b>Total</b>	<b>29,42,078.23</b>
			<b>Say</b>	<b>29.42lacs</b>

  
Institute Engineer  
Indian Institute of Tech.  
ROORKEE

  
Asstt. Engineer III  
Construction Division  
Indian Institute of Technology  
ROORKEE

  
02 JUN 2005

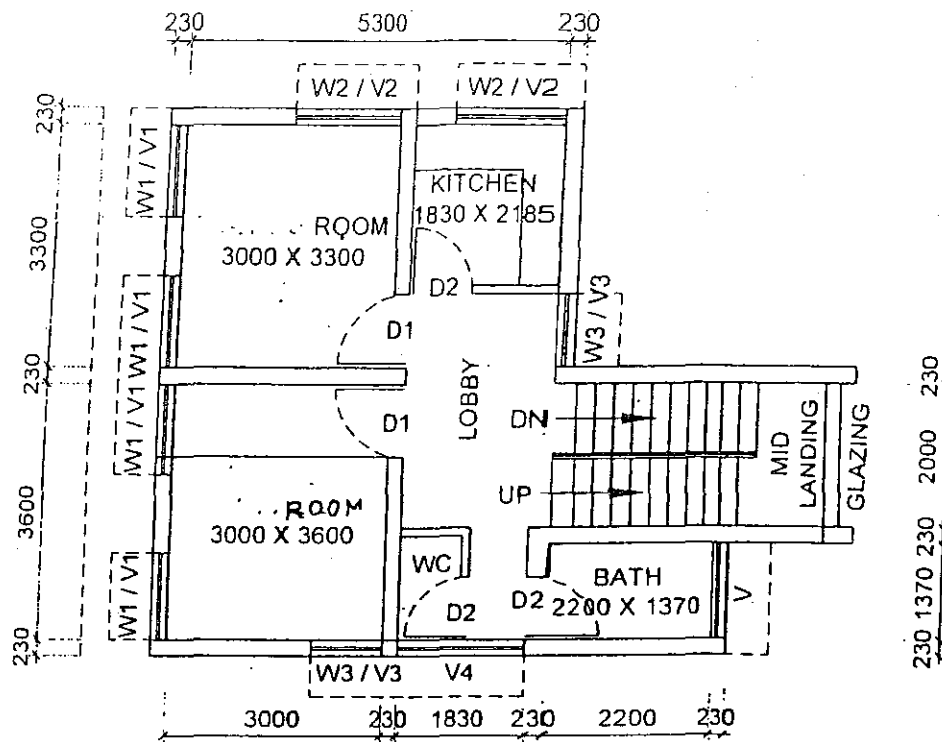
# DINING HALL / KITCHEN



GROUND FLOOR PLAN

INSTITUTE ARCHITECT INSTITUTE ER.

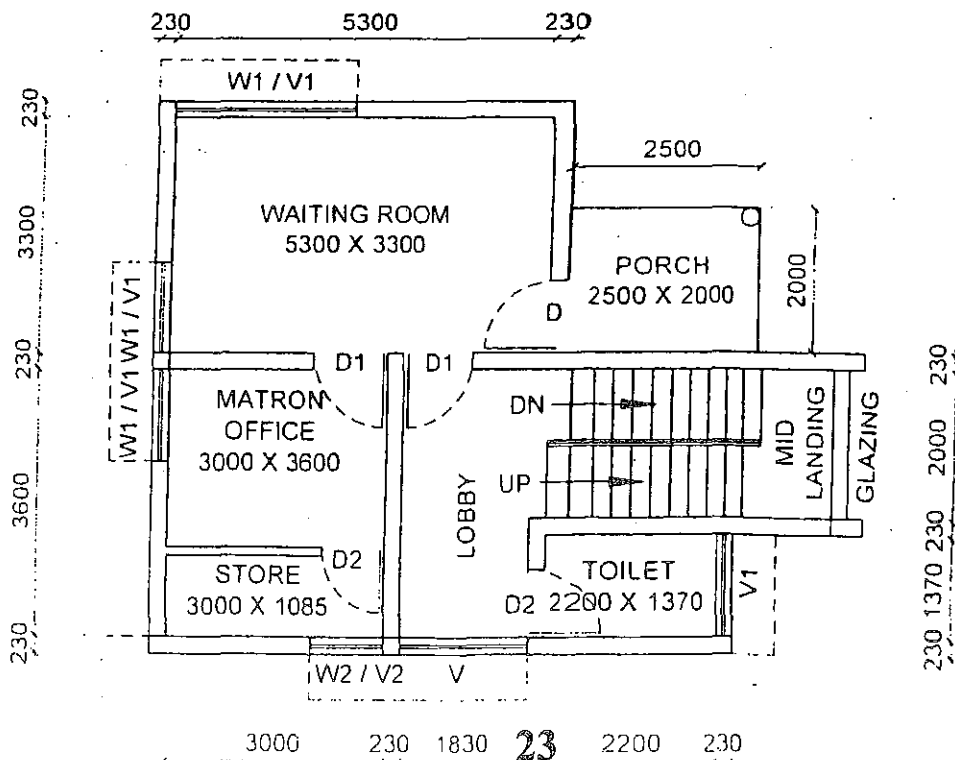
# WAITING ROOM / MATRON RESIDENCE



## FIRST FLOOR PLAN

### SCHEDULE OF DOORS AND WINDOW

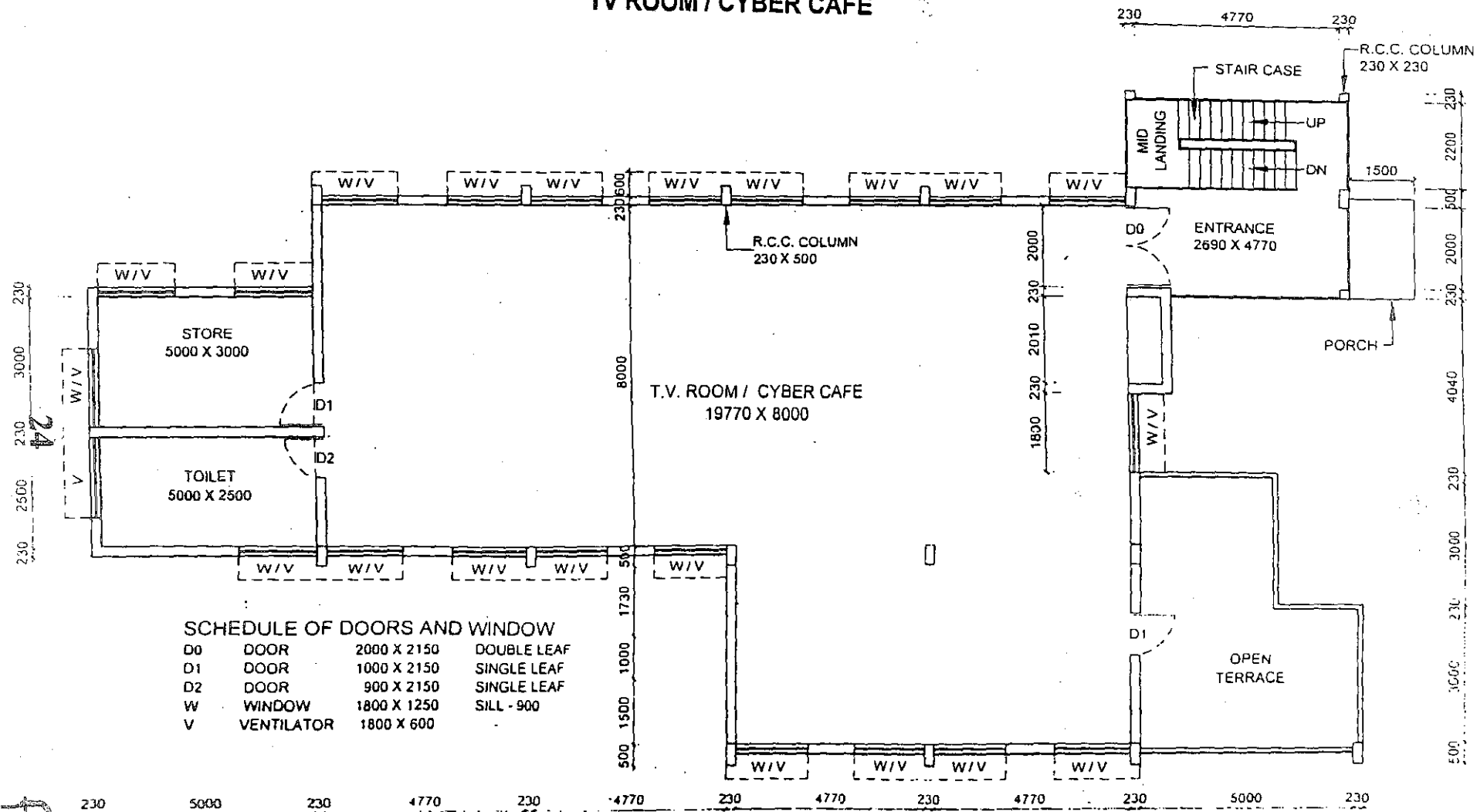
D	DOOR	1000 X 2100	SINGLE LEAF
D1	DOOR	900 X 2100	SINGLE LEAF
D2	DOOR	840 X 2100	SINGLE LEAF
W1	WINDOW	1350 X 1220	-
W2	WINDOW	1220 X 1220	-
V1	VENTILATOR	1370 X 610	-
V	VENTILATOR	1830 X 610	-



## GROUND FLOOR PLAN



**TV ROOM / CYBER CAFE**



FIRST FLOOR PLAN

INSTITUTE ARCHITECT INSTITUTE ER.

**Appendix 'B'**  
**Item No. 15.4.2**

**AGREEMENT WITH A MEMBER OF STAFF OF IIT ROORKEE PROCEEDING ON  
E.O.L. (EX-INDIA)**

THIS DEED of agreement is executed on this \_\_\_\_\_ day of \_\_\_\_\_ in the year 2005 by \_\_\_\_\_ Son of \_\_\_\_\_ employed as \_\_\_\_\_ in the \_\_\_\_\_ Department of the Indian Institute of Technology Roorkee, hereinafter called the 'Executant'.

WHEREAS the 'Executant' has obtained an assignment as \_\_\_\_\_ at \_\_\_\_\_

And whereas on the request of the Executant Indian Institute of Technology Roorkee, hereinafter called "The Institute", have agreed to grant him Extra Ordinary Leave (Ex-India) for a period of \_\_\_\_\_ with effect from \_\_\_\_\_ to \_\_\_\_\_ on the condition that no extension of the said leave shall be allowed, and if the Executant fails to return to duty at the Institute on the expiry of the aforesaid leave, the Executant shall be deemed to have resigned from his post at the Institute with effect from the day immediately next to the date on which the said leave expires **except in case of *force majeure* arising out of the extraordinary situations such as accident, flight delay, sudden illness, etc., to be considered by the BoG.** In case the "Executant" wishes to seek voluntary retirement then he shall have to return to India and rejoin the duty at this 'Institute' and serve for a period of not less than one year and thereafter give three months notice as per the requirements of the Government of India Rules.

The Executant further agrees that in the event of his retaining the residence allotted to him as licence, in the campus of the Institute during the period of leave and in case the Executant fails to rejoin duty after expiry of the leave granted, the Executant hereby agrees to pay the licence fee for the quarters provided in the Institute campus at the rate, (including penal or enhanced rates) specified as per the rules, in force from time to time for the Institute, for the entire period of retention of residence, commencing from the date following the day of the Executant being relieved from the Institute on the said Extra Ordinary Leave till the date on which the residence is actually vacated.

[estt.(a)-institute proformas]

Contd....2

  
02 JUN 2006

The Executant, named above, does hereby declare and undertakes that in case of breach of any condition herein before stated, on the part of the Executant, the Institute shall be entitled to take all legal actions against the Executant for such breach as provided by the laws applicable in India, generally, besides such other actions which the Institute may take against the Executant in accordance with the provisions of Rules or Statutes framed or adopted by the Institute from time to time, particularly.

In witness where-of the Executant named above has set and subscribed his hand in the presence of the witnesses, named below, at Roorkee.

Signature \_\_\_\_\_

Name:

Designation:

Department:

E.C. No. :

Date :

Witness

1. Signature \_\_\_\_\_

Name :

Designation :

E.C. No. :

Date :

Witness

2. Signature \_\_\_\_\_

Name :

Designation :

E.C. No. :

Date :

Countersigned

Place : Roorkee

Date: \_\_\_\_\_

Registrar  
I.I.T. Rooree

  
[estt.(a)-institute proformas]

  
02 JUN 2006

**Appendix 'C'**  
**Item No.15.4. 6**

**Department: Alternate Hydro Energy Centre (AHEC)**

1. Dr. N.K.Bansal, Vice-Chancellor, Sri Mata Vaishno Devi University, Sira Kotla, Kakrial, Jhaghar Ko Panthal Road, Udhampur, J & K.
2. Dr. R.C. Chauhan, Executive Director, DIT (Former Director, SLIET) Mussoorie Division Road, Dehradun - 248 171 (UA).
3. Shri R.K. Sharma, CMD, Tehri Hydropower Corporation Ltd., Baghirathi Puram, Rishikesh, (UA).
4. Dr. A.K. Gosain, Professor, Deptt. of Civil Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110 016.
5. Shri S.K. Gupta, Executive Director, Bharat Heavy Electrical Limited, (BHEL), Hardwar - 249 403.
6. Dr. Uddesh Kohli, Former, CMD, Power Finance Corporation, S-50, Greater Kailash-I, New Delhi - 110 048.
7. Shri Rakesh Nath, Chairman, Bhakra Beas Management Board, Sector- 19B, Madhya Pradesh, Chandigarh.
8. Dr. S.C. Srivastava, Professor, Deptt. of Electrical Engg. Indian Institute of Technology Kanpur, Kanpur -208 016.
9. Shri Gurdayal Singh, Member (Hydro) Central Electricity Authority, Seva Bhawan, R.K. Puram, New Delhi - 110 066.
10. Dr. J.K. Nayak, Professor & Convener, Energy System Engg., Indian Institute of Technology Bombay, Powai, Mumbai.
11. Dr. K.S. Sayann, Professor, Maulana Azad College of Technology, Bhopal-462007.
12. Shri V.S. Verma, Director General & Member Planning (CEA), Bureau of Energy Efficiency, Ministry of Power, Government of India, NBCC Towers, Hall No. IV, 2<sup>nd</sup> Floor, 15, Bhikaji Cama Place, New Delhi - 110 066.

## **Department: Architecture & Planning**

### **Planning**

1. Prof. S.D. Joddar (Physical Planning expert), School of Planning & Architecture, 4-Block, Ring Road, I.P. Estate, New Delhi - 110 002.
2. Sri M.N. Joglekar, (Housing expert, Planner), Former Executive Director, HUDCO, Director, Aayojan College of Architecture, Jaipur.
3. Sri K.T. Gurumukhi, (Town & Country Planning expert) Chief Planner, Town & Country Planning Organisation, Govt. of India, E-Block, Vikas Bhawan, I.P. Estate, New Delhi - 110 002.
4. Sri E.F.N. Ribeiro, (Former Chief TCPO, Govt. of India, New Delhi) Director, Association of Urban Management and Development Authorities, 7/6 Sirifort Institute Area, August Kranti Marg, New Delhi - 110 049.
5. Prof. Subir Saha (Housing) Deptt. of Housing, SPA Indraprastha Estate, New Delhi - 110 002.
6. Prof. Kavas Kapadia (Urban Planning) Prof. & Head, Deptt. of Urban Planning, SPA Indraprastha Estate, New Delhi - 110 002.
7. Sri V. Suresh, (Housing, Urban & Rural Development Expert) E-8, 2<sup>nd</sup> Floor, Green Park Main, New Delhi - 110 016.

### **Architecture**

1. Prof. K.T. Ravindran (Urban Design) Professor & Head, Deptt. of Architecture, School of Planning & Architecture, 4-Block, 'B', IP Estate, New Delhi - 110 002.
2. Ar. Yatin Pandya, Associate Director, Vastu Shilpa Foundation for Studies & Research in Environmental Design, Ahmedabad.
3. Lt. Col. (Retd.) Prof. I.J.S. Bakshi, Rose Garden, Sector-16-B, Chandigarh.
4. Sri Jai Ratan Bhalla, Former President of Council of Architecture, Sunder Nagar, New Delhi - 110 003.

  
02 JUN 2005

5. Prof. Arvind Krishen, Professor, School of Planning & Architecture, 4-Block 'B', I.P. Estate, New Delhi – 110 002.
6. Prof. P.S. Shinde, Director, Sri Venkateshwar College of Architecture, Hyderabad.
7. Ar. Raj. Rewal, Raj Rewal & Associates, E-12, Defence Colony, New Delhi.

### **Applied Art**

1. Prof. Aditya Prakash, Ex-Principal, College of Architecture, Chandigarh, 1118, Sector 8/C, Chandigarh – 130 008.
2. Prof. S. Nadkarni, Professor, Industrial Design Centre, Indian Institute of Technology Bombay, Powai, Mumbai – 400 076.
3. Prof. Kirti Trivedi, (Expert in Graphic Design and Indian Design Traditions) Industrial Design Centre, Indian Institute of Technology, Bombay, Powai, Mumbai – 400 076.
4. Prof. K. Ramachandran, Professor, Deptt. of Design, Indian Institute of Technology Guwahati, Guwahati.
5. Prof. Ravi Poovaiah, (Visual Art & Com. Design Expert), Industrial Design Centre, Indian Institute of Technology Bombay, Powai, Mumbai – 400 076.

  
02 JUN 2006

## **Department: Earthquake Engineering**

### **Structural Dynamics**

1. Dr. Amal Das Gupta, 599, Block N, New Alipore, Kolkata – 700 053.
2. Dr. T.V.S.R. Apparao, Emeritus Scientist, Structural Engineering Research Centre-M (Formerly Director, SERC Madras) CSIR Campus, Taramani, Chennai – 600 113.
3. Mr. H.S. Kushwaha, Director, Health, Safety & Environment Group, Bhabha Atomic Research Centre, Trombay, Mumbai – 400 085.
4. Mr. K.V. Subramanian, General Manager, Tata Consultancy Engineers Ltd., TCS Consulting Engineer Ltd., Matuluya Centre 'A', 1<sup>st</sup> Floor, 249 Senapati Bapat Marg, Lower Parel (W), Mumbai – 400013.
5. Dr. T.K. Datta, Professor, Deptt. of Civil Engg., Indian Institute of Technology, Hauz Khas, New Delhi – 110 016.
6. Dr. P.C. Basu, Director, Civil & Structural Engg. Div., Atomic Energy Regulatory Board, Niyamak Bhawan, Anushaktinagar, Mumbai – 400094.
7. Dr. Mahesh Tandon, Tandon Consultants Pvt. Ltd., Structural Engg. Specialist 17, Link Road, Jangpura Extn., New Delhi – 110 014.

### **Soil Dynamics**

1. Dr. R.K. Bhandari, 302 Kamadgiri Tower, Kaushabi, Ghaziabad – 201010.
2. Dr. G. Venkatachalam, Head, Deptt. of Civil Engineering, Geotechnical Division, IIT Bombay, Powai, Mumbai – 400 076.
3. Dr. M.R. Madhav, Professor Emeritus, J.N. Technical University, SUTEJA, 159 Road No.10, Banjara Hills, Hyderabad – 500034.
4. Dr. A. Sridharan, Hony. Professor, INSA Sr. Scientist, Deptt. of Civil Engg. IISc. Bangalore, Bangalore – 560 012.

5. Dr. A. Vardharajan, 61 GA Ashtalakshmi Apts. II Main Road, Gandhi Nagar, Adyar, Chennai – 600 020 (TN).
6. Dr. K.G. Sharma, Prof. & Head, Deptt. of Civil Engg., IIT Delhi, Hauz Khas, New Delhi – 110 016.

### **Engineering Seismology and Seismotectonics**

1. Dr. S.N. Bhattacharya, Emeritus Scientist, Deptt. of Geology & Geophysics, Indian Institute of Technology Kharagpur, Kharagpur – 721302 (WB).
2. Dr. R.K.S. Chauhan, Guest Faculty, Deptt. of Geology, University of Lucknow, Lucknow – 226 007.
3. Dr. G.J. Nair, Head, Seismology Division, E & I Group, Bhabha Atomic Research Centre, Trombay, Mumbai – 400 085.
4. Dr. V.P. Dimri, Director, NGRI, Uppal Road, Hyderabad – 500 007 (AP).
5. Dr. H.K. Gupta, Secretary, DoD, Mahanagar Bhawan, Block 12, CGO Complex, Lodhi Road, New Delhi – 110 003.

### **Instrumentation**

1. Prof. V.K. Jain, Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi – 110 016.
2. Prof. V.P. Sinha, Dhirubhai Ambani Institute of Information and Communication Technology, Near Indroda Circle, Gandhinagar – 382009 (Gujarat).
3. Dr. P.K. Chatterjee, LNM Institute of Information Technology Communication & Computer Engg., Roopa Ki Nangal, P.O. Sumel Via Kanota, Dt. Jaipur, Jaipur – 303012.
4. Prof. S. Srinivasan, Prof. & Head, Deptt. of Electrical Engg., IIT Madras, Chennai – 600036.

  
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## **Department: Earth Sciences**

### **Structural Geology/Tectonics/Geochemistry/Petrology/Paleontology/ Stratigraphy/Sedimentology**

1. Prof. P.P. Roday, Centre of Advanced Studies in Geology, Hari Singh Gaur University, Sagar (MP).
2. Prof. V. Rajamani, School of Environmental Sciences, JNU, New Delhi.
3. Prof. P.K. Verma, Geology Department, Delhi University, Delhi.
4. Prof. V. Sharma, Geology Department, Delhi University, Delhi.
5. Dr. C. Sri Kantappa, Deptt. of Geology, Mysore University, Manas Gangothri, Mysore - 570 006.
6. Prof. S.K. Tandon, Geology Department, Delhi University, Delhi.
7. Dr. I.B. Singh, Professor, Department of Geology, Lucknow University, Lucknow.

### **Economic Geology/Mineral Exploration/Engg. Geology/Geohydrology/ Environmental Geosciences/Petroleum Geology/Remote Sensing/GIS**

1. Prof. M. Deb, Department of Geology, Delhi University, Delhi- 110007.
2. Dr. Salim Romani, Chairman, Central Ground Water Board, Jamnagar House, Mansingh Road, New Delhi.
3. Dr. S.K. Gupta, Scientist 'SG' Planetary Geosciences, Division, Physical Research Laboratory (PRL), Navrangpura, P.O.Box 4218, Ahmedabad - 380009 (Gujarat).
4. Prof. R.K. Pachauri, Director, Tata Energy Research Institute, New Delhi.
5. Dr. (Ms.) Prabha Kalia, Professor, Geology Department, Delhi University, Delhi - 110 007.
6. Dr. A.K. Srivastava, GGM, KDMIPE, ONGC, Dehradun.
7. Dr. R.R. Naval Gund, Director, National Remote Sensing Agency, Balanagar, Hyderabad (AP).
8. Prof. R.P. Singh, Civil Engineering Department, IIT Kanpur, Kanpur.

9. Dr. Shailesh Nayak, Scientist 'G' Space Application Centre, Ahmedabad.
10. Prof. Vijay Jhingra, Geology Department, Delhi University, Delhi.

**Exploration Geophysics/Signal Processing/Theoretical Geophysics/Solid Earth Geophysics/Inversion**

1. Dr. B.N.P. Agarwal, Professor, Indian School of Mines, Dhanbad – 826004 (Jharkhand).
2. Dr. S.K. Nath, Professor, Department of Geology and Geophysics, IIT Kharagpur, Kharagpur.
3. Prof. T. Lal, Professor, Department of Geophysics, BHU, Varanasi – 221005.
4. Prof. Avadh Ram, Prof. & Head, Department of Geophysics, BHU, Varanasi – 221005.
5. Dr. R.N. Singh, Director, National Geophysical Research Institute, Uppal Road, Hyderabad – 500007.
6. Dr. R.P. Singh, Professor, Civil Engg. Department, IIT Kanpur, Kanpur.
7. Dr. S.K. Verma, Scientist 'G', National Geophysical Research Institute, Uppal Road, Hyderabad – 500007.

  
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## **Department: Electrical Engineering**

### **Power Apparatus & Electric Drives including Power Electronics**

1. Dr. S.S. Murthy, Professor, Deptt. of Electrical Engg., Room No. II/235A, IIT Delhi, Hauz Khas, New Delhi - 110 016.
2. Dr. V. Ramanarayanan, Professor, Deptt. of Electrical Engg., Indian Institute of Sciences, Bangalore-560012.
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4. Dr. D.P.Kothari, Director, IIT Delhi, Hauz Khas, New Delhi-110016.
5. Dr. Avinash Joshi, Professor, Department of Electrical Engg., Indian Institute of Technology Kanpur, Kanpur - 208 016.
6. Dr. V.T. Ranganathan, Professor, Deptt. of Electrical Engg., Indian Institute of Science, Bangalore - 560 012.

### **Power System Engineering including High voltage Engineering**

1. Dr. Sumana Gupta, Professor, Department of Electrical Engineering, Indian Institute of Technology Kanpur, Kanpur - 208 016.
2. Dr. K.R. Padiyar, Emeritus Professor, Deptt. of Electrical Engg., Indian Institute of Science, Bangalore - 560 012.
3. Dr. Lawrence Jankins, Professor, Deptt. of Electrical Engg., Indian Institute of Science, Bangalore - 560 012.
4. Dr. T.K. Basu, Prof. & Head, Deptt. of Electrical Engg., Indian Institute of Technology Kharagpur, Kharagpur - 721302.
5. Dr. S.A. Khaparde, Professor, Deptt. of Electrical Engg., Indian Institute of Technology Bombay, Mumbai - 400 076.
6. Dr. H.P. Khincha, Chairman, Electrical Science Division, Indian Institute of Science, Bangalore - 560012.

  
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**System Engineering and Operation Research including Robotics Control**

1. Dr. M. Gopal, Professor, Deptt. of Electrical Engg., Room No.II/205, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110 016.
2. Dr. S.D. Agashe, Professor, Deptt. of Electrical Engg., Room No. EE 210, Indian Institute of Technology Bombay, Powai, Mumbai - 400 076.
3. Dr. H. Narayanan, Professor, Deptt. of Electrical Engg., Room No.231 (C), Indian Institute of Technology Bombay, Powai, Mumbai - 400 076.
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6. Mr. Gopalswamy Govindarajan, Director, EIG & AMG, BARC, Trombay, Mumbai - 400 085.

**Measurement and Instrumentation including Biomedical Engineering**

1. Dr. (Ms.) Sneh Anand, Professor, Centre for Bio-Medical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110 016.
2. Prof. S. Mohan, Deptt. of Instrumentation, Indian Institute of Science, Bangalore - 560012.
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4. Dr. Jagadeesh Kumar V., Professor, EED, IIT Madras, Chennai - 600036.
5. Dr. Anjan Kumar Ghosh, Professor & Head, Department of Electrical Engineering, Indian Institute of Technology Kanpur, Kanpur - 208 016.
6. Dr. L.K. Maheshwari, Director, BITS, Pilani.

## **Department: Hydrology**

### **Surface Water**

1. Dr. Subhahs Chander, Former Professor, IIT Delhi, Hauz Khas, New Delhi - 110 016.
2. Dr. A.K. Gosain, Professor, Civil Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi - 110 016.
3. Dr. S. Mohan, Prof. & Head, Civil Engg. Deptt., IIT Madras, Chennai - 600036.

### **Ground Water**

1. Dr. D. Chandrasekharan, Prof. & Head, CSRE, IITB, Powai, Mumbai - 400076.
2. Dr. Saleem Romani, Chairman, CGWB, NH-IV, Faridabad (Haryana).
3. Dr. S. Vedula, Professor, Civil Engg. Deptt., Indian Institute of Science, Bangalore - 560012.
4. Dr. L. Elango, Professor & Head, Deptt. of Geology, Anna University, Chennai - 600025 .

### **Watershed Management**

1. Dr. N.K. Tyagi, Member, ASRB, PUSA, New Delhi - 110 012.
2. Dr. J.S. Samra, Dy. Director Genral, (ICAR), Natural Resource Management Division, Krishi Bhawan, R.No.108 KB, New Delhi - 110001.
3. Dr. S.A. Abbasi, Professor, Pollution Control & Boiwaste Energy, Pondichery University, Pondichery - 605014.
4. Dr. Raj Vir singh, Professor, Deptt. of Soil & Water Engg., CTAE, M.P.U.A. & T, Udaipur (Raj.).

  
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## **Department: Mechanical & Industrial Engineering**

### **Thermal Engineering**

1. Dr. Gautam Biswas, Professor, Mechanical Engineering Deptt., IIT Kanpur, Kanpur – 208016.
2. Dr. E. Eswaran, Professor, Mechanical Engineering Deptt., IIT Kanpur, Kanpur – 208016.
3. Dr. K. Muralidhar, Professor, Mechanical Engineering Deptt., IIT Kanpur, Kanpur – 208016.
4. Dr. P.L. Dhar, Professor, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
5. Dr. R.R. Gaur, Professor, Mechanical Engineering Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
6. Dr. H. Jaywant Arakeri, Professor, Mechanical Engg. Deptt., Indian Institute of Science, Bangalore.
7. Dr. Vijay H. Arakeri, Professor, Mech. Engg. Deptt., IISc., Bangalore.
8. Dr. J. Srinivasan, Professor, Mech. Engg. Deptt., IISc. Bangalore.
9. Dr. Pramod S. Mehta, Professor, Mechanical Engg. Deptt., IIT Chennai.
10. Dr. S.S. Murthy, Professor, Mech. Engg. Deptt., IIT Madras, Chennai.
11. Dr. M.V. Rane, Professor, Mechanical Engineering Department, IIT Bombay, Powai, Mumbai.
12. Dr. A.W. Date, Professor, Mechanical Engineering Department, IIT Bombay, Powai, Mumbai.

### **Production Engineering**

1. Dr. Arun Kanda, Professor, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
2. Dr. T.K. Kundra, Prof. & Head, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.

3. Dr. S. Wadhwa, Professor, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
4. Dr. S. Seshan, Professor, Mechanical Engg. Deptt., Indian Institute of Science, Bangalore.
5. Dr. S.N. Bandopadhyay, Professor, Mechanical Engg. Deptt., IIT Kanpur, Kanpur.
6. Dr. Subhash Babu, Mechanical Engg. Deptt., IIT Bombay, Powai Mumbai.
7. Dr. N.R. Babu, Mechanical Engg. Deptt., IIT Madras, Chennai.
8. Dr. P.K. Mishra, Mechanical Engg. Deptt., IIT Kharagpur, Kharagpur.
9. Dr. V.K. Jain, Professor, Mechanical Engg. Deptt., IIT Kanpur, Kanpur – 208016.
10. Dr. S.S. Pande, Professor, Mechanical Engg. Department, IIT Bombay, Powai, Mumbai.
11. Dr. P.G. Awate, Professor, Mechanical Engg. Department, IIT Bombay, Powai, Mumbai.

#### **Machine Design Engineering**

1. Dr. Kshitij Gupta, Professor, BHEL Chair & Head, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
2. Dr. T.K. Kundra, Prof. & Head, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
3. Dr. O.P. Gandhi, Professor, ITMMEC, IIT Delhi, Hauz Khas, New Delhi – 110016.
4. Dr. K. Athre, Professor, Mechanical Engg. Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
5. Dr. G.S. Yadava, Chief Design Engineer (S.G.), ITMMEC, IIT Delhi, Hauz Khas, New Delhi – 110016.
6. Dr. N.N. Kishore, Professor, Mechanical Engg. Deptt., IIT Kanpur, Kanpur – 208016.

7. Dr. Prashant Kumar, Professsor, Mechanical Engg. Deptt., IIT Kanpur, Kanpur - 208016.
8. Dr. B.N. Banerji, Professor, Mechanical Engg. Deptt., IIT Kanpur, Kanpur - 208016.
9. Dr. Har Prasad, General Manager, BHEL, Corporate R & D Division, Vikasnagar, Hyderabad.
10. Dr. Ashitava Ghoshal, Professor, Mechanical Engg. Deptt., Indian Institute of Science, Bangalore.
11. Dr. R. Narasimhan, Professor, Mechanical Engg. Deptt., Indian Institute of Science, Bangalore.

  
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## **Department: Physics**

### **Atmospheric Physics**

1. Prof. S.K. Dube, Professor, IIT Kharagpur – 721302 (WB)
2. Prof. A.K. Kamra, Professor, Indian Institute of Tropical Meteorology (IITM), Dr.Homi Bhabha Road, Pashan, Pune- 411008.
3. Prof. R.P. Dahiya, Professor, IIT Delhi, Hauz Khas, New Delhi – 110016.
4. Dr. R.R. Kelkar, ISRO Space Chair Professor, Deptt. of Atmospheric & Space Sciences, University of Pune, Pune – 411007.
5. Dr. G.S. Lakhina, Professor, Indian Institute of Geomagnetism, Colaba, Bombay-5.

### **Atomic, Molecular and Laser Physics**

1. Prof. D.K. Rai, Professor, Deptt. of Physics, BHU, Varanasi – 221005.
2. Prof. Deepak Mathur, Professor, Atomic & Molecular Physics Division, TIFR, Homi J. Bhabha Road, Colaba, Mumbai – 400005.
3. Prof. B.P. Pal, Professor of Physics & Head of Computer Services Center, IIT Delhi, Hauz Khas, New Delhi – 110 016.
4. Prof. B.N. Jagtap, Professor, Laser & Plasma Physics Division, BARC, Mumbai – 400085.
5. Prof. A.K. Ghatak, Professor, IITDelhi Hauz Khas, New Delhi – 110016.

### **Condensed Matter Physics/Material Science**

1. Prof. K.N. Pathak, Vice-Chancellor, Punjab University, Chandigarh – 160014.
2. Prof. T.V. Ramakrishnan, Professor, Physics Deptt., BHU, Varanasi – 221005.

  
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3. Prof. Dhananjai Pandey, Professor, School of Material Science & Technology, BHU, Varanasi – 221005.
4. Prof. S.C. Agarwal, Professor, Physics Department, IIT Kanpur, Kanpur – 208016.
5. Prof. D.C. Dube, Professor, IIT Delhi, Hauz Khas, New Delhi – 110016.
6. Prof. L.K. Malhotra, Professor, IIT Delhi, Hauz Khas, New Delhi – 110016.
7. Prof. O.N. Srivastava, Professor, Deptt. of Physics, BHU, Varanasi – 221005.

#### **Instrumentation/Engineering Physics**

1. Prof. D.P. Roy, Professor, Physics Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.
2. Prof. P.K. Basu, Professor, Institute of Radio Engg. & Electronics, 92 APC Road, Calcutta University, Kolkata – 700009.
3. Prof. Chandrasekhar, Professor, IDDC Centre, IIT Delhi, Hauz Khas, New Delhi – 110016.
4. Prof. S. Mukharjee, Professor, Physics Deptt., IIT Delhi, Hauz Khas, New Delhi – 110016.

#### **Nuclear Physics & High Energy Physics**

1. Prof. S.P. Patel, Professor, Deptt. of Physics, Mumbai University, Vidyanagari, Santacruz (E), Mumbai – 400098.
2. Prof. V.K.B. Kota, Professor, Physical Research Laboratory, Navrangpura, Ahmedabad – 380009.
3. Prof. G.K. Mehta, Professor, Nuclear Science Centre, P.O. Box No.10502, Aruna Asaf Ali Road, New Delhi – 110067.
4. Prof. S.R. Choudhary,
5. Dr. R.K. Choudhary, Director, Institute of Physics (Deptt. of Atomic Energy) Doordarshan Marg, Bhubaneshwar – 751005.

## **Department: Mathematics**

### **Applied Mathematics:** (Solid Mechanics, Fluid Mechanics and Biomechanics)

1. Prof. Phoolan Prasad, Department of Mathematics, Indian Institute of Sciences, Bangalore.
2. Prof.(Ms.) Girija Jaya Raman, Centre for Atmospheric Sciences, IIT Delhi, Hauz Khas, New Delhi- 110 016.
3. Prof. G.P.Dube, Department of Applied Mechanics, IIT Delhi, Hauz Khas, New Delhi- 110 016.
4. Prof. Megha Singh, Biomechanical Engineering Division, Department of Applied Mathematics, IIT Madras, Chennai.
5. Prof. Ram Chandra Rao, Department of Mathematics, Indian Institute of Science, Bangalore.

### **Applied Mathematics:** (Numerical Analysis, Computer Science, Computer Applications and Industrial Mathematics).

1. Prof. S.C.Purohit, Director, C-DAC, Pune University Campus, Pune- 411007.
2. Prof. Karmeshu, Professor, School of Comp. and System Sciences, J.N.U. New Delhi.
3. Prof. H.P.Dikshit, Vice Chancellor, IGNOU, New Delhi.
4. Prof. Peeyush Chandra, Department of Mathematics, Indian Institute of Technology Kanpur, Kanpur-208 016.

### **Applied Mathematics:** (Operations Research & Statistics)

1. Prof. Suresh Chandra, Department of Mathematics, IIT Delhi, Hauz Khas, New Delhi- 110 016.
2. Prof.S.K.Gupta, Department of Mathematics, IIT Kanpur, Kanpur- 208 016.
3. Prof. Kanwar Sen, Department of Statistics, Delhi University, Delhi- 110 007.


4. Prof. S.K.Mitra, Department of Statistics, I.S.I., New Mehrauli Road, New Delhi.
5. Prof. Manju Lata Agrawal, Department of Operational Research, Faculty of Mathematical Sciences, Delhi University, Delhi- 110 007.

**Applied Mathematics:**(Theoretical Astrophysics, Theory of Relativity & Cosmology)

1. Dr. J.V.Narlikar, Inter-University Centre for Astronomy and Astrophysics, Post Bag 4, Ganeshkhind, Pune- 411 007.
2. Prof. Triloki Singh, Department of Mathematics, Banaras Hindu University, Varanasi- 221 005.
3. Prof. A.R.Roy, Department of Mathematics, IIT Kharagpur, Kharagpur.
4. Prof. N.Dadhitch, Inter-University Centre for Astronomy and Astrophysics, Post Bag 4, Ganeshkhind, Pune- 411007.

**Pure Mathematics:** (Summability Theory, Functional Analysis, Approximation Theory, Fourier Series, Complex Analysis & Special Functions):

1. Prof. P.K.Jain, Department of Mathematics, University of Delhi, Delhi- 110 007.
2. Prof. H.P.Dikshit, Vice-Chancellor, IGNOU, New Delhi.
3. Prof. U.B.Tewari, Department of Mathematics, Indian Institute of Technology Kanpur, Kanpur-208 016.
4. Prof. R.S.Pathak, Department of Mathematics, Banaras Hindu University, Varanasi- 221 005.
5. Prof. R.K.S. Rathore, Department of Mathematics, Indian Institute of Technology Kanpur, Kanpur-208 016.
6. Prof.A.K.Srivastava, Department of Mathematics, Banaras Hindu University, Varanasi- 221 005.

  
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## **Department: Management Studies**

### **Finance:**

1. Prof. P.K.Jain, Professor, Dept. of Management Studies, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110 016.
2. Prof. S.S.Yadav, Professor & Head, Deptt. of Management Studies, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110016.
3. Prof. I.M.Pandey, Professor, Indian Institute of Management Ahmedabad, Vastrapur, Ahmedabad- 380015.
4. Prof. V.Ranganathan, Professor, Indian Institute of Management, Bannerghatta Road, Bangalore-560 076.
5. Sri Om Prakash, Vice Chancellor(Retd), 1/245 SFS, Mansarovar, Jaipur-302020.
6. Sri Devi Singh, Director, Indian Institute of Management Lucknow, Prabandh Nagar, Off. Sitapur Road, Lucknow-226 006.
7. Prof. J.R.Verma, Professor, Indian Institute of Management, Vastrapur, Ahmedabad.

### **Operations/Production/Quantitative Methods/Technology Management/ System Dynamics:**

1. Prof. Kripa Shankar, Deputy Director, Indian Institute of Technology Kanpur, Kanpur-208 016.
2. Sri M.G. Koregaonkar, Director General, National Institute of Construction Management and Research , Walchand Centre, Tardeo, Mumbai- 400 034.
3. Prof.A.K.Mittal, Professor, Dept. of Ind. & Management Engg., Indian Institute of Technology Kanpur, Kanpur-208 016.
4. Prof. L.S. Ganesh, Prof. & Head, Dept. of Management Studies, Indian Institute of Technology Madras, Chennai-600 036.
5. Prof.D.K.Banwet, Professor, Dept. of Management Studies, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110 016.

  
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6. Prof. M.P.Gupta, Professor, Faculty of Management Studies, University of Delhi, Delhi- 110 007.
7. Prof. Sushil, Professor, Dept. of Management Studies, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110 016.
8. Prof. Arun Kanda, Professor, Dept. of Mech. Engg., Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110 016.

#### **Information Technology:**

1. Prof. D.B.Pathak, Prof. & Head, S.J.Mehta School of Management, Indian Institute of Technology Bombay, Powai, Mumbai.
2. Prof. Bharat Bhasker, Dean (Planning & Development) & Professor (IT & Systems) Indian Institute of Management, Lucknow, Prabandh Nagar, Off Sitapur Road, Lucknow-226006.
3. Prof. B.D.Chaudhary, Director(Offtg.), Deptt. of Comp.Sc. & Engg., Motilal Nehru National Institute of Technology, Allahabad-211004.
4. Prof. Dilip K. Bandopathyay, Director, Indian Institute of Forest Management, Nehru Nasgar, P O Box 357, Bhopal – 462 003.
5. Prof. Rekha Jain, Professor, Indian Institute of Management Ahmedabad, Vastrapur, Ahmedabad- 380 015.
6. Prof. S.Sadagopan, Director, Indian Institute of Information Technology, 1<sup>st</sup> Floor, Innovator, International Tech. Park, Whitefield Road, Bangalore-560066.

#### **Human Resources/Organization Behaviour/Business Policy**

1. Prof. Krishna Kumar, Director, Indian Institute of Management, Kozhikode, Kozhikode-673 570.
2. Prof. Debashish Chatterjee, Professor, Indian Institute of Management, Lucknow, Prabandh Nagar, Off. Sitapur Road, Lucknow- 226006.
3. Prof. J.P.Singh, Indian Institute of Management Ahmedabad, Vastrapur, Ahmedabad- 380 015.
4. Prof. Kalyan Charkravarti, Dean, Vinod Gupta School of Management, Indian Institute of Technology Kharagpur, Kharagpur.

**Marketing:**

1. Prof. Ashok Pratap Arora, Professor, Management Development Institute, Mehrauli Road, Sukhrali, Gurgaon- 122 001.
2. Prof. Vijayraghavan, Professor, Dept. of Management Studies, Indian Institute of Technology Madras, Chennai-600 036.
3. Prof. Abraham Koshy, Professor, Indian Institute of Management, Ahmedabad, Vastrapur, Ahmedabad- 380 015.
3. Prof.A.K.Jain, Professor, Indian Institute of Management, Ahmedabad, Vastrapur, Ahmedabad- 380 015.
4. Prof. Ramanuj Majumdar, Professor, Indian Institute of Management, Joka, Diamond Harbour Road, Kolkata- 700 027.



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## **Department: Chemistry**

### **Organic**

1. Prof. Goverdhan Mehta, Honorary Professor and CSIR Bhatnagar Fellow, Department of Organic Chemistry, Indian Institute of Science, Bangalore- 560012.
2. Prof. G.Sundararajan, Professor, Deptt. of Chemistry, IIT Madras, Chennai- 600036.
3. Dr. J.S.Yadav, Director, Indian Institute of Chemical Tech., Tarnaka, Hyderabad- 500007.
4. Dr. Jayanta Kumar Ray, Prof & Head, Department of Chemistry, IIT Kharagpur, Kharagpur-721 302
5. Dr. M.Periasamy, Professor, School of Chemistry, University of Hyderabad, Hyderabad- 500 046.
6. Dr. M.N.Gupta, Professor, Department of Chemistry, IIT Delhi, Hauz Khas, New Delhi- 110 016
7. Dr. Gautam R. Desiraju, Professor, School of Chemistry, University of Hyderabad, Hyderabad- 500 046.
8. Prof. Sosale Chandrasekhar, Head, Organic Chemistry, IISc Bangalore, Bangalore- 560 064.

### **Physical & Analytical**

1. Prof. C.L.Khetrapal, Director, CBMR and Distinguished Professor, SGPGIMS, Sanjay Gandhi Post Graduate Institute of Medical Sciences Campus, Raebareli Road, Luknow - 226 014.
2. Dr.A.Q.Contractor, Professor, Department of Chemistry, IIT Bombay, Powai, Mumbai- 400 076.
3. Dr. M.K.Mishra, Professor, Department of Chemistry . IIT Bombay, Powai, Mumbai- 400 076.
4. Dr. Debarata Goswami, Professor, Department of Chemistry, IIT Kanpur, Kanpur- 208 016.

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5. Dr.A.S.Brar, Professor, Chemistry Department, IIT Delhi, Hauz Khas, New Delhi - 110016.
6. Dr.J.Gopalakrishnan, Professor, Solid State and Structural Chemistry Unit, IISC Bangalore, Bangalore-560 064.
7. Dr. M.Durga Prasad, Professor, School of Chemistry, University of Hyderabad, Hyderabad- 500 046.
8. Dr.E.D.Jemmis, Professor, Inorganic and Physical Chemistry, IISc Bangalore, Bangalore-500 064.
9. Dr. N.Chandra Kumar, Professor, Department of Chemistry, IIT Madras, Chennai- 600 036, Tamilnadu.
10. Dr.T.Mukherjee, Director, Chemistry Group & Head, RC & RD Division BARC, Trombay, Mumbai-85.

#### **Inorganic & Analytical**

1. Dr. P.Natarajan, Director, National Centre for Ultrafast Process, University of Madras, Taramani Campus, Chennai- 600 113.
2. Prof. P.Banerjee, Professor, Deptt. of Inorganic Chemistry, Indian Assoc. for the Cult. of Sci, Jadavpur, Kolkata- 700 032.
3. Dr. S.K.Agarwal, Head, Fuel Chemistry Division, Bhabha Atomic Research Centre(BARC), Mumbai-400 085.
4. Prof. A.G.Samuelson, Professor, Deptt. of Inorganic & Physical Chemistry, Indian Institute of Sciences, Bangalore-560 064.
5. Prof. B.D.Gupta, Professor, Deptt. of Chemistry, IIT Kanpur, Kanpur- 721 302.
6. Dr. Harkesh B.Singh, Professor, Department of Chemistry, IIT Bombay, Powai, Mumbai- 400 076.
7. Dr.Sankararaman S., Professor, Department of Chemistry, IIT Madras, Chennai- 600 036, Tamilnadu.
8. Dr. Jayasree Ghose, Professor, Department of Chemistry, IIT Kharagpur, Kharagpur-721 302.

  
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## **Department: Chemical Engg.**

**Design** (Process Engineering: Design Modelling, Simulation and Control; Computational Fluid Dynamics; Safety and Risk Management System; Hydrocarbon process Engineering: Food Process Engineering; Molecular Engineering)

1. Prof. R.K.Malik, Profesosor, Dept. of Chemical Engg., IIT Bombay, Powai, Mumbai- 400 076.
2. Prof. M.S.Ananth, Professor, Dept. of Chemical Engg., IIT Madras, Chennai-600 036.
3. Prof. Anil Kumar, Professor, Dept. of Chemical Engg., IIT Kanpur, Kanpur-208016.
4. Prof. S.K.Gupta, Professor, Dept. of Chemical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
5. Prof. D.K.Acharjee, Professor, Dept. of Chemical Engg., IIT Kharagpur, Kharagpur-721302.

**Industrial Pollution Abatement** (Environmental Engineering and Management, Pollution Abatement, Safety and Risk Management and Bio Chemical Engineering)

1. Prof. Jayant M.Modak, Prof. & Chairman, Dept. of Chemical Engg., Indian Institute of Science, Bangalore-560012.
2. Prof.T.Swaminathan, Professor, Dept. of Chemical Engg., IIT Madras, IIT Post Officer, Chennai-600 036.
3. Prof. Ashok Khanna, Professor Dept. of Chemical Engg., IIT Kanpur, Kanpur-208016.
4. Prof. R.K.Saha, Dept. of Chemical Engg., IIT Kharagpur, Kharagpur-721302.
5. Prof. T.R.Rao, Dept. of Chemical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.

  
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**Transfer Processes** (Thermodynamics, Transfer processes, Novel Separation Processes, Hydrocarbon Processing, Chemical Nano Manufacturing, Food Processing)

1. Prof. R.P.Chabra, Professor, Dept. of Chemical Engg., IIT Kanpur, Kanpur-208016.
2. Prof. K.D.P.Nigam, Professor, Dept. of Chemical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
3. Prof. Deepak Kunzru, Professor, Dept. of Chemical Engg., IIT Kanpur, Kanpur-208016.
4. Prof. K.C.Khilar, Professor, Dept. of Chemical Engg., IIT Bombay, Powai, Mumbai- 400 076.
5. Prof. Ashutosh Sharma, Professor, , Dept. of Chemical Engg., IIT Kanpur, Kanpur-208016.

  
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## **Deptt- Electronics & Computer Engineering**

### **Computer Science & Engineering**

1. Dr. M.Balakrishnan, Professor, Deptt. of Computer Science and Engineering, IIT Delhi, Hauz Khas, New Delhi-110 016.
2. Dr. Harish Karnik, Professor, Deptt. of Computer Science and Engineering, IIT Kanpur, Kanpur-208 016.
3. Dr. Kirthi Ramamritham, Professor, Deptt. of Computer Science and Engineering, IIT Bombay, Powai, Mumbai-400 076.
4. Dr. N.L.Sarda, Professor, Deptt. of Computer Science and Engineering, IIT Bombay, Powai, Mumbai-400 076.
5. Dr. G.Sivakumar, Prof. & Head, Deptt. of Computer Science and Engineering, IIT Bombay, Powai, Mumbai-400 076.
6. Dr. C.R. Muthukrishnan, Prof., Deptt. of Computer Science and Engineering, IIT Madras, Chennai-600 036.
7. Prof. Gautam Barua, Director, IIT Guwahati, Guwahati (Assam)-781 039.
8. Dr. P.P. Chakrabarti, Prof., Deptt. of Computer Science and Engineering, IIT Khargpur, Kharagpur (W.B.)-721 302.
9. Dr. Y.N. Srikant, Prof. & Head, Deptt. of Computer Science and Automation, Indian Institute of Science, Bangalore-560 012.
10. Prof. Y.Narhari, Prof., Deptt. of Computer Science and Automation, Indian Institute of Science, Bangalore-560 012.

### **Communication System**

1. Prof. Surendra Prasad, Prof., Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
2. Dr. Anurag Kumar, Prof., Deptt. of Electrical Communication Engg., IISc, Bangalore-560 012.
3. Dr. Vinod Sharma, Prof., Deptt of Electrical Communication Engg., IISc, Bangalore-560 012.

4. Dr. Govind Sharma, Prof., Deptt. of Electrical Engg., IIT Kanpur, Kanpur-208 016.
5. Dr. K.M.M. Prabhu, Prof., Deptt. of Electrical Engg., IIT Madras, Chennai-600 036.
6. Dr. U.B. Desai, Prof., Deptt. of Electrical Engg., IIT Bombay, Powai, Mumbai-400 076.

#### **RF & Microwaves**

1. Dr. R.Sachidanand, Prof., Deptt. of Electrical Engg., IIT Kanpur, Kanpur-208 016.
2. Dr. S.K.Kaul, Prof., C.A.R.E., IIT Delhi, Hauz Khas, New Delhi-110016.
3. Dr. D.Chadda, Prof., Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
4. Dr. Girish Kumar, Prof., Deptt. of Electrical Engg., IIT Bombay, Powai, Mumbai-400 076.
5. Dr.B.K.Sarkar, ISRO Chair Prof., Deptt. of Electronics & Communication Engg., IIT Kharagpur, Kharagpur (W.B.)-721 302.
6. Dr. B.N.Das, Prof., INSA, Sr. Scientist, Deptt. of E&EC, IIT Kharagpur, Kharagpur (W.B.)-721 302.

#### **Semiconductor Devices & VLSI Technology**

1. Dr. H.Saha, Prof., Deptt. of E&CE, Jadavpur University, Kolkata-700 032.
2. Dr. (Mrs) B.Bhumik, Prof., Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
3. Dr. D.K.Sharma, Prof., Deptt. of Electrical Engg., IIT Bombay, Powai, Mumbai-400 076.
4. Dr. S.K.Lahri, Prof., Deptt. of Electronics & Electrical Communication Engg., IIT Kharagpur, Kharagpur (W.B.)-721 032.
5. Dr. P.R.Vaya, Prof., Deptt. of Electrical Engg., IIT Madras, Chennai-600 036.

6. Prof. A.K.Ghosh, Prof. & Head, Deptt. of Electrical Engg., IIT Kanpur, Kanpur-208 016.
7. Dr. K.Samres, Prof., Emeritus Fellow, Deptt. of Electrical Engg., IIT Kanpur, Kanpur-208 016.
8. Dr. A.Dutta, Prof., Deptt. of Electrical Engg., IIT Kanpur, Kanpur-208 016.

### **Control Systems**

1. Dr. M.Gopal, Prof., Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
2. Dr. A.K.Sinha, Prof., Deptt. of Electrical Engg., IIT Kharagpur, Kharagpur (W.B.)-721 302.
3. Dr. J.K. Chatterjee, Prof., Deptt. of Electrical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
4. Dr. V.R.Sule, Prof., Deptt. of Electrical Engg., IIT Bombay, Powai, Mumbai-400 076.
5. DR. U.R. Prasad, Prof., Deptt. of Computer Science & Automation, Indian Institute of Science, Bangalore-560 012.



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## **Deptt- Paper Technology**

1. Dr. Pramod K Bajpai, Coordinator, Research and Competency Division in Pulp & Paper, Thaper Centre for Industrial Research & Development, Bhadson Road, Patiala-147 001.
2. Dr. T. Panda, Professor, Deptt. of Chemical Engg., IIT Madras, Chennai- 600036.
3. Dr. K.V. Raghvan, Scientist in Director's Grade & Former Director, Indian Institute of Chemical Technology(CSIR), Hyderabad-500 007.
4. Dr. H.Veeramani, Professor, Centre for Environmental Science & Engineering, Indian Institute of Technology Bombay, Powai, Mumbai- 400076.
5. Dr. S.K. Gupta , Professor, Deptt. of Chemical Engg. ,IIT Kanpur, Kanpur-208 016.
6. Dr. K.D.P. Nigam , Professor & Head, Deptt. of Chemical Engg., IIT Delhi, Hauz Khas, New Delhi-110 016.
7. Dr. B.R. Maiti, Professor, Deptt. of Chemical Engg., IIT Kharagpur, Khargpur-721302.
8. Dr. S.N. Maiti, Professor & Head, Centre for Polymor Science & Engg, IIT Delhi, Hauz Khas, New Delhi-110 016.
9. Prof. Rajendra Kumar, Deptt. of Chemical Engg., Indian Institute of Science, Bangalore-560 012.
10. Dr. B.K. Sinha, Chemical Engg. Deptt., Indian Institute of Technology Delhi, Hauz Khas New Delhi - 110016.
11. Dr. A.K. Gupta, Chemical Engg. Deptt., Indian Institute of Technology Delhi, Hauz Khas New Delhi - 110016.
12. Dr. S.K. Gupta, Chemical Engg. Deptt., Indian Institute of Technology Delhi, Hauz Khas New Delhi - 110016.

  
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## **Deptt- WRD&M**

### **Design of Irrigation & Hydrolic Structures/Hydro Power Structures and Appurtenant Work/Concrete & Gravity Dams etc. (WRD CIVIL)**

1. Shri. R. Jeyaseelan, Chairman, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi - 110 066.
2. Shri S.K. Garg, Chairman & MD, National Hydro Electric Project, NHPC, Office Complex, Sector-33, Faridabad-121 003.
3. Shri D.Datta, Chairman & MD, WAPCOS(L) Ltd., Kailash, 5<sup>th</sup> Floor, 26, Gandhi Marg, New Delhi- 110 001.
4. Shri C.P. Jain, Chairman & MD, NTPCL, NTPC Bhawan, Core -7, Scope Complex 7, Industrial Area, Lodhi Road, New Delhi-110 003.
5. Shri S.C. Sharma, Chairman & MD, North Eastern Electric Power Corporation Ltd., Brookland Compound, Lower New Colony, Shillong-793003.
6. Shri A.Shekhar, Advisor (WR), Planning Commission, Yojna Bhawan, Sansad Marg, New Delhi -110 001.
7. Er. M.Gopalkrishnan, Secretary Genral, ICID, No.48, Naya Marg, Chankayapuri, New Delhi.
8. Shri R.K. Sharma, Chairman & MD, Tehri Hydro Development Corp. Ltd., Ganga Bhawan, Pragatipuram, By Pass Road, Rishikesh- 249201.

### **Electrical Design, Operation and maintenance of Hydropower Station-EHV Lines and Sub-station (WRD Electrical)**

1. Shri S.P.Sethi, Advisor (Energy), Planing Commission, Yojana Bhawan, Sansad Marg, New Delhi-110 001.
2. Shri Rakesh Nath, Chairmen, Bhakra Beas Management Board, Sector 19-B, Madhya Marg, Chandigarh-160 019.
3. Shri H.L.Bajaj, Chairman & Ex-Officio Secretary to GOI, Central Electricity Authority, Sewa Bhawan, R.K.Puram, New Delhi-110066.

  
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4. Shri S.K.Garg, Chairman & MD, National Hydraulic Project, NHPC, Office Complex, Sector 33, Faridabad-121 003.
5. Shri R.K.Sharma, Chairman & MD, Tehri Hydro Development Corpn. Ltd., Ganga Bhawan, Pragtipuram, Bypass Road, Rishikesh- 249201.

**Hydro Mechanical/Construction Plant & Machinery (WRD Mechanical)**

1. Dr. R.L.Chauhan, Member, HPSE Board, Vidhut Bhawan, Shimla (HP).
2. Shri B.S.Ahuja, Member (WP&P), Central Water Commission, Sewa Bhawan, R.K.Puram, New Delhi-110 066.
3. Shri Rakesh Nath, Chairman, Bhakra Beas Management Board, Sector 19-B, Madhya Marg, Chandigarh-160 019.
4. Shri H.L.Bajaj, Chairman & Ex-Officio Secretary to GOI, Central Electricity Authority, Sewa Bhawan, R.K.Puram, New Delhi-110066.
5. Shri S.K.Garg, Chairman & MD, National Hydraulic Project, NHPC, Office Complex, Sector 33, Faridabad-121 003.

**Irrigation Water Management (WRD&M)**

1. Shri D.Datta, Chairman & MD, WAPCOS(L) Ltd., Kailash, 5<sup>th</sup> Floor, 26, Gandhi Marg, New Delhi- 110 001.
2. Er. M.Gopalkrishnan, Secretary Genral, ICID, No.48, Naya Marg, Chankayapuri, New Delhi.
3. Dr. J.S.Samra, Deputy Director General, ICAR, KAB-2, Pusa Gate, New Delhi-110 012.
4. Shri. R. Jeyaseelan, Chairman, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi - 110 066.
5. Dr. Mangal Rai, Director General, Indian Council of Agriculture Research, Krishi Bhawan, New Delhi-110 001.

  
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## **Department: Biotechnology**

### **Microbial Biotechnology**

1. Prof. D. Das, Professor, Department of Biotechnology, Indian Institute of Technology Kharagpur, Kharagpur-721 302.
2. Prof. K. Krishnamurthy Rao, Professor & Head, School of Biosciences & Bioengineering, I.I.T. Bombay, Powai, Mumbai-400076.
3. Prof. V. S. Bisaria, Professor, Department of Biochemical Engineering & Biotechnology, I.I.T. Delhi, Hauz Khas, New Delhi-110 016.
4. Prof. N.S. Puneekar, Professor, School of Biosciences & Bioengineering, I.I.T. Bombay, Powai, Mumbai-400 076.
5. Prof. Pradeep Seth, Professor & Head, Department of Microbiology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110 029.

### **Animal Biotechnology**

1. Dr. G.C. Mishra, Director, NCCS Complex, University of Pune Campus, Ganeshkhind, Pune- 411 007.
2. Prof. S.C. Lakhotia, Professor, Department of Zoology, Banaras Hindu University (BHU), Varansi- 221 005.
3. Prof. Akbar Sha, Professor, Department of Animal Science, School of Life Sciences, Bharathidasan University, Thiruchirapalli-620024.
4. Prof. Michael Arul Dhas, Head, Department of Endocrinology, Dr. ALM Postgraduate Institute of Medical Sciences, University of Madras, Taramani, Chennai- 600 113.
5. Prof. A.V. Ramachandran, Head, Department of Zoology, Faculty of Science, MS University of Baroda, Vadodara- 390 002.
6. Prof. Y.D. Sharma, Professor & Head, Department of Biotechnology, All India Institute of Medical Sciences (AIIMS) Ansari Nagar, New Delhi-100 029.

### **Plant Biotechnology**

1. Dr. Deepak Pental, Vice Chancellor, University of Delhi, Delhi-110 007.
2. Dr. S. Nagarajan, Director, Indian Agricultural Research Institute, New Delhi-110 012.
3. Dr. S.L. Mehta, Vice Chancellor, Maharana Pratap University of Agriculture and Technology, Udaipur-313 001.
4. Dr. S.P. S. Khanuja, Director, Central Institute of Medicinal & Aromatic Plants, Kukrail Picnic Spot Road, P.O. Central Institute of Medicinal & Aromatic Plants, Lucknow-226 015 U.P.
5. Dr. V.L. Chopra, Member of Planning Commission, Yojna Bhawan, Sansad Marg, New Delhi- 110 001.

### **Genetics and Molecular Biology**

1. Prof. Sudhir K. Sopory, Professor, Department of Plant Molecular Biology, International Center for Genetic Engineering and Biotechnology (ICGEB), Shahid Jeet Singh Marg, New Delhi-110067.
2. Prof. Balraj Mittal, Professor, Department of Medical Genetics, Sanjay Gandhi Postgraduate Institute of Medical Sciences and Research, Raibareli Road, Lucknow-226014.
3. Dr. Sushil Kumar, CSIR Emeritus Scientist, National Centre for Plant Genome Research, Post Box 10531, JNU Campus, New Delhi-110 067.
4. Dr. P.S. Ahuja, Director, Institute of Himalayan, Bioresource Technology, P.O. Box 6, Palampur-176 061 H.P.
5. Dr. Rakesh Bhatnagar, Professor, Center of Biotechnology, JNU, New Mehrauli Road, New Delhi- 110 067.

### **Biochemistry and Biophysics**

1. Dr. Girjesh Govil, Senior Professor, Department of Chemical Sciences, Tata Institute of Fundamental Research (TIFR), Homi Bhabha Road, Navy Nagar, Colaba, Mumbai-400 005.



2. Dr. Anil Kumar, Professor, Department of Physics & Sophisticated Instruments Facility Indian Institute of Science; Bangalore-560012.
3. Dr. M. Maiti, Deputy Director, Biophysical Chemistry Lab, Indian Institute of Chemical Biology (CSIR), 4-Raja S.C. Mullick Road, Kolkata-700 032.
4. Dr. T.P. Singh, Professor & Head, Deptt. of Biophysics, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029.
5. Dr. Kasturi Datta, Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi- 110 067.6. Dr. Ajit C. Kunwar, Deputy Director, Indian Institute of Chemical Technology (CSIR), Uppal Road, Taranaka, Hyderabad- 500 007.

### **Bioinformatics**

1. Dr. B. Jaya Ram, Professor & Head, Bioinformatics, Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110 016.
2. Prof. N. Yathindra, Director, Institute of Bioinformatics and Applied Biotechnology G-05, Tech Park Mall, International Technology Park, Whitefield Road, Bangalore-560 066.
3. Dr. M. Vijayan, Honorary Professor, Molecular Biophysics Unit, Indian Institute of Science, Bangalore-560 012.
4. Dr.S.K. Brahamachari, Director, Institute of Genomics & Integrative Biology (IGIB), CSIR, Mall Road, University of Delhi Campus, Delhi-110 007.
5. Dr. A.S. Kolaskar, Professor & Vice Chancellor, Bioinformatics Centre, Pune University, Ganesh Khind, Pune-411 007.

### **Biochemical Engineering**

1. Prof. Subhash Chand, Professor, Department of Biochemical Engineering and Biotechnology, I.I.T. Delhi, Hauz Khas, New Delhi-110 016.

  
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2. Prof. S.N. Mukhopadhyay, Professor, Department of Biochemical Engineering & Biotechnology, Indian Institute of Technology Delhi, Hauz Khas New Delhi-110 016.
3. Prof. S.C. Kundu, Professor, Department of Biotechnology, Indian Institute of Kharagpur, Kharagpur- 721 302.
4. Prof. Arun Balakrishnan, Director, Centre for Biotechnology, Anna University, Chennai- 600 025.
5. Prof. P. Ghosh, Executive Director, Birla Institute of Scientific Research, Statute Circle, Jaipur-302 001.

### **Biomedical Engineering**

1. Dr. S.K. Guha, Chair, Professor, School of Medical Science & Technology, Indian Institute of Technology & National Institute of Medical Science & Technology, Kharagpur- 721 302.
2. Prof. Sneh Anand, Professor, Centre for Biomedical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016.
3. Prof. Dinesh Mohan, Professor, Centre for Biomedical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016.
4. Prof. S. Radhakrishnan, Professor & Head, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai-600036.
5. Prof. Govind Sharma, Professor, Department of Electrical Engineering, Indian Institute of Technology Kanpur, Kanpur-208 016.
6. Dr. C.L. Khetrapal, Distinguished Scientist, SG Post Graduate Institute Medical Sciences, Rai Bareli Road, Lucknow-226 014.

  
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## **Department: Civil Engineering**

### **Structural Engineering Section**

1. Dr. Tarun Kant, Professor, Civil Engineering Department, I.I.T. Bombay, Powai, Mumbai-400 076.
2. Dr. T.K. Datta, Department of Civil Engineering, I.I.T. Delhi, Hauz Khas, New Delhi-110 016.
3. Dr. S.K. Jain, Professor of Civil Engineering, I.I.T. Kanpur, Kanpur-208 016.
4. Dr. S.K. Bhattacharya, Professor of Civil Engineering, I.I.T. Kharagpur, Kharagpur-721 302.
5. Dr. A. Mehar Prasad, Professor of Civil Engineering Department, I.I.T. Madras, Chennai-600 003.
6. Dr. Ashok Gupta, Professor of Civil Engineering Department, I.I.T. Delhi, Hauz Khas, New Delhi-110 016.

### **Environmental Engineering**

1. Er. Paritosh Tyagi, Ex. Chairman, CPCB, 48-B, Greenview Apartment, Sector 15-A, NOIDA-201301.
2. Dr. Manas Bandopadhyay, Professor of Civil Engineering, I.I.T. Kharagpur, Kharagpur-721 302.
3. Dr. S. Mohan, Professor of Civil Engineering I.I.T. Madras, Chennai.
4. Dr. Vinod Tare, Professor of Civil Engineering, I.I.T. Kanpur, Kanpur-208 016.
5. Dr. S.P. Chakrabarty, Water Quality Expert & (Ex. MS CPCB), DHV Consultant, CSMRS Building, Olaf Palme Marg, Hauz Khas, New Delhi-110016.
6. Dr. V. Rajagopalan, Chairman, CPCB Parivesh Bhawan, East Arjun Nagar, New Delhi- 110 032.



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### **Geotechnical Engineering**

1. Dr. K.G. Sharma, Professor of Civil Engineering Department, I.I.T. Delhi, Hauz Khas, New Delhi-110 016.
2. Dr. Sarvesh Chandra, Professor of Civil Engineering, I.I.T. Kanpur, Kanpur- 208 016.
3. Dr. K.S. Subbarao, Professor (Retd.) IISc., 4 National High School Road, Visveswarapuram, Bangalore-560 004.
4. Dr. G. Venkatachalam, Professor of Civil Engineering, I.I.T. Bombay, Powai, Mumbai-400 076.
5. Dr. N.S. Pandian, Professor of Civil Engineering, Amrita Institute of Technology, Amrita Viswavidyalaya, Ettimalai, Coimbatore-641105.
6. Dr. S.P. Dasgupta, Professor of Civil Engineering, I.I.T. Kharagpur, Kharagpur - 721 302.

### **Geomatics Engineering**

1. Dr. R.P. Singh, Professor of Civil Engineering, I.I.T. Kanpur, Kanpur-208 016 U.P.
2. Dr. R.R. Navalgund, Director, National Remote Sensing Agency, Department of Space, Govt. of India, Balanagar, Hyderabad.
3. Dr. A.K.S. Gopalan, Director, Space Application Centre, Jodhpur Tekra, Ahmedabad (Gujrat).
4. Dr. (Mrs.) P. Venkatachelam, Professor, Centre of Studies in Resources Engineering, I.I.T. Bombay, Powai, Mumbai-400 076.
5. Prof. S.K. Govil, Professor, Indian Institute of Remote Sensing, 4-Kali Das Road, Dehradun.
6. Brig. B. Nagarajan, Director, Geodetic & Research Branch, Survey of India, Hathi Barkala State, Dehradun.

### **Transportation Engineering**

1. Dr. P.K. Sikdar, Director, Intercontinent Consultant & Technocrat Pvt. Ltd. A-8, Green Park, Hauz Khas, New Delhi.

2. Maj. Gen. Dr. C.T. Chari, AVSM, Director General, National Academy of Construction, Kondapur, P.O. Cyberabad, Hyderabad.
3. Prof. B.B. Pandey, Emeritus Professor, I.I.T. Kharagpur, Kharagpur-721 302.
4. Dr. Thamiz Arasan V., Professor, Department of Civil Engineering, I.I.T. Madras, Chennai-600 003.
5. Dr. C.E.G. Justo, 334, 25<sup>th</sup> Cross, 14<sup>th</sup> Main Banashankari Second Stage, Bangalore- 560 070.
6. Prof. S. Raghava Chari, (Former Prof. & Head, Civil Engineering Department REC Warangal) Emeritus Professor, H.No. 16-11-20/515 (New No. 587) Saleem Nagar Colony, Hyderabad- 500 036.

### **Hydraulic Engineering**

1. Dr. Bithin Datta, Professor of Civil Engineering, I.I.T. Kanpur, Kanpur-208016.
2. Dr. S. Mohan, Professor & Head, Department of Civil Engineering, I.I.T. Madras, Chennai-600 003.
3. Dr. S. Vedula, 42/6, Kinatukara Building, Margosa Road, Malleswaram, Bangalore.
4. Dr. M.C. Deo, Professor of Civil Engineering, I.I.T. Bombay, Powai, Mumbai-400076.
5. Dr. S. Kar, Professor of Civil Engineering, B-199, I.I.T. Campus, Kharagpur- 721302.
6. Dr. Subhash Chandra, Professor (Retd.), I.I.T. Delhi, 72, Deshbandhu Apartment, Kalkaji, New Delhi-110 019.

  
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## **Deptt : Humanities & Social Sciences**

### **English**

1. Dr. S.C.Chaudhary, Prof., Deptt. of HSS, IIT Madras, Chennai-600036.
2. Dr. B.N.Patnaik, Senior Fellow, Central Institute of Indian Languages, Mysore.
3. Dr. Sunita Jain, C-132, Sarvodaya Enclave, New Delhi-17.
4. Dr. S.N.Pandey, Prof. & Head, Deptt. of English, BHU, Varansi-221 005.
5. Dr. B.N.Singh, Prof. & Head, Deptt. of English, University of Lucknow, Lucknow.
6. Dr. K.Narayan Chandran, Prof., Deptt. of English, University of Hyderabad, Hyderabad.

### **Psychology**

1. Dr. Purnima Mathur, Prof., Deptt of HSS, IIT Delhi, Hauz Khas, New Delhi-110 016.
2. Dr. A.K.Sinha, Prof., Deptt. of HSS, IIT Kanpur, Kanpur-208 016.
3. Dr. Shivganesh Bhargav, Prof., Deptt. of Management, IIT Bombay, Powai, Mumbai-400 076.
4. Dr. Janak Pandey, Prof. & Head, Deptt of Psychology, University of Allahabad, Allahabd-211 002.
5. Dr. M.B.Sharan, Prof., Deptt. of HSS, IIT Kharagpur, Kharagpur(W.B.)- 721302.
6. Dr. Ashum Gupta, Prof., Deptt. of Psychology, Delhi University, Delhi-110007.

### **Sociology**

1. Dr. H.R. Tewari, Prof. & Head, Deptt. of HSS, IIT Kharagpur, Kharagpur (W.B.)-721 302.

2. Dr. Jaykant Tiwari, Prof., Deptt. of Sociology, BHU, Varansi-221005.
3. Dr. (Ms.) Raka Saran, Prof., LNM Institute of IT, ESTI, Jhalana Institutional Area, Jaipur-15.
4. Dr. (Ms.) Virginius Xaxa, Prof., Deptt. of Sociology, University of Delhi, Delhi-110 007.
5. Dr. K.Gopal Iyer, Prof., Punjab University, Chandigarh.
6. Dr. Sarit K.Bhowmik, Prof. & Head, Deptt. of Sociology, Bombay University, Mumbai.

### **Philosophy**

1. Dr. U.C.Dubey, Prof. & Head, Deptt. of Philosophy, BHU, Varansi-221005.
2. Dr. P.R.Bhat, Prof., Deptt. of HSS, IIT Bombay, Powai, Mumbai-400 076.
3. Dr. B.H.Bourah, Prof., Deptt. of HSS, IIT Kanpur, Kanpur.
4. Dr. (Ms.) Roop Rekha Verma, Prof., University of Lucknow, Lucknow.
5. Dr. (Ms.) Vibha Chaturvedi, Prof., Deptt. of Philosophy, Delhi University, Delhi-110 007.
6. Dr. S.R.Bhatt, Prof., Deptt. of Philosophy, Delhi University, Delhi - 110007.

### **Economics**

1. Dr. A.K.Saxena, Prof., Deptt. of HSS, IIT Kanpur, Kanpur-208 016.
2. Dr. T.S.Papola, Professor & Director, Institute for Studies in Industrial Development, IP Estate, New Delhi-110 002.
3. Dr. A.K.Singh, Prof. & Director, Giri Institute of Developmental Studies, Sector-O, Aliganj, Lucknow-226 001.
4. Dr. Ashok Mathur, Prof., Deptt. of Economics, JNU, New Delhi-110067.

5. Dr. L.M.Bole, Prof.& Head, Deptt. of HSS, IIT Bombay, Powai, Mumbai-400076.
6. Dr. Ashok Mittal, Prof. & Head, Deptt. of Economics, AMU, Aligarh (U.P.).



02 JUN 2006

INDIAN INSTITUTE OF TECHNOLOGY  
ROORKEE

Chairman  
Board of Governors

Appendix 'D'  
Item No. 1551 (a)  
Indian Institute of Technology  
Dy. No. 3526 Date 15.2.06  
Signature .....  
Dated : 7 Feb. 06

Subject : Request for approval for signing an MOU between IIT Roorkee and School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland (HTA).

1. There is a proposal to sign an MoU with School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland (HTA).
2. The draft MoU was discussed in the Educational Research & Planning Committee (ERPC) in its meeting held on 2.6.2005 which proposed that draft MoU be accepted with minor modifications and inclusion of Intellectual Property Clause.
3. The same was added in the draft MoU.
4. The ERPC again considered the draft MoU on 19.12.2005 and recommended that it may be signed.
5. The matter was then discussed in the Deans' Committee in its 137<sup>th</sup> meeting held on 10<sup>th</sup> January 2006 which recommended that Director may sign the MoU.
6. A copy of the draft MoU is enclosed.

It is requested that approval for signing the MoU with School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland (HTA), may kindly be accorded.

The entire matter shall be reported in the next meeting of Board of Governors.

*Prem Vrat*  
(Prem Vrat)  
Director

Sri Jai Prakash Gaur  
Chairman, BoG  
J.A.House, 63, Basant Lok,  
Vasant Vihar,  
New Delhi 110 057

U.O.No.PIP/HTA/Switzerland/MoU/ 342

Dated : 7 Feb. 06

*Jai Prakash Gaur*

*A*  
02 JUN 2006

16/2/06

## MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT, entered into this 1st day of April 2006 by and between Indian Institute of Technology, Roorkee, India (IITR) and School of Technology and Architecture, Lucerne, University of Applied Sciences, Switzerland (HTA).

### WITNESSETH THAT:

WHEREAS, Indian Institute of Technology, Roorkee and HTA Lucerne desire to promote the enrichment of their teaching and research programs; and

WHEREAS, Indian Institute of Technology, Roorkee and HTA Lucerne desire to strengthen and expand the mutual contacts between the two universities; and

WHEREAS, Indian Institute of Technology, Roorkee and HTA Lucerne desire to provide for an exchange of faculty and other collaboration between the two universities on the terms and conditions hereinafter set forth;

NOW THEREFORE, it is mutually agreed as follows:

- I. **Scope of Agreement** - The Agreement shall initially cover the following types of faculty and graduate student exchanges, collaborative research and other forms of collaboration.
  - A. Faculty Exchange
    1. Short-term Visiting Scholars (three months or less)
    2. Long-term Visiting Scholars (for either one (1) semester, one (1) academic year, one (1) calendar year, or more)
  - B. Graduate Student Exchanges
  - C. Collaborative Research
  - D. Other mutually agreed educational programs
- II. **Definitions** - As used herein the terms "host university" and "home university" shall have the following meanings:
  - A. Host University - the university or institute accepting the exchanged scholar or student.
  - B. Home University - the university or institute providing the exchanged scholar or student.
- III. **Period of Agreement** - This Agreement shall be effective 1st day of April 2006 and continue in full force for 5 years and effect subject to conditions in XII.

IV. **Initiation of Exchange** - Each exchange under the terms of this Agreement will be initiated by the respective departments or disciplines of Indian Institute of Technology, Roorkee and HTA Lucerne. The details of each exchange shall be agreed upon in writing by the designated liaison officials of each University/Institute and approved by the respective authorities of the two universities/institutes.

V. **Visiting Scholar Exchanges**

A. **Procedures**

1. The cooperating institutions will exchange information describing the kinds of activities in which each would have the greatest interest.
2. The process should begin by contacts between individual faculty from the cooperating institutions/university, and the official procedure should be initiated by a hosting faculty through regular administrative channels.
3. The host institution/university will accept qualified candidates in accord with availability of hosting faculty, facilities and funding.

B. **Responsibilities of the Home University**

1. Assist each short-term visiting scholar in the process to get salary/scholarship and fringe benefits like travel, insurance etc. from appropriate sources, including public enterprises.

C. **Responsibilities of the Host University**

1. Provide adequate facilities for the effective conduct of the program of work for visiting scholar, who will provide full information on research plans and equipment requirements in the request to visit. The extent of provisions is to be mutually agreed upon in advance of finalization of each individual exchange. Such agreement shall involve appropriate liaison and the involved faculty members at both host and home universities.
2. Provide accommodation at nominal charges subject to availability.
3. In case accommodation is not available, assist exchange in locating adequate housing for the period of the visit of the scholar and provide local travel and per diem expenses associated directly with the visiting scholar's assignments.

VI. **Graduate Studies** - With aid from the designated liaison at both institutions, faculty of each institution will be encouraged to nominate quality students for graduate study and research at the other. Acceptance for graduate study and research will be in accordance with the established policies of the host institution. It is expected that students admitted for such graduate study and research will be considered as regular graduate students by the host



institution. The host institution will provide the usual and normal privileges to such graduate students. Any graduate study or research program that is outside the scope of the previously described program must be the subject of a separate agreement between the institutions.

- VII. **Collaborative Research** - With aid from the designated liaison at both institutions, faculty will be encouraged to develop linkages that can lead to productive collaborative research projects. Normally proposals for such projects would emerge from the faculty of the two (2) institutions. Each collaborative research arrangement will be treated individually. Faculty at both institutions will be encouraged to develop collaborative research proposals and obtain funding necessary to implement the research projects. Projects requiring funding by the institutions must be approved by both institutions before starting them.
- VIII. **Other Collaborative Activities** - The text of this Agreement is not intended to limit the scope of future collaborative projects.
- IX. **Designated Liaison Officials** - Indian Institute of Technology, Roorkee, and HTA Lucerne shall each designate to the other, within sixty (60) days after the execution of this Agreement, the liaison official(s) authorized to endorse exchanges and other collaborative activities.
- X. **Termination** - This Agreement may be terminated by either party providing the other written notice of its intent to terminate. Such notice shall be given at least one (1) year prior to the effective date of the termination.
- XI. **Intellectual Property - Disposition of Materials** - Inventions or materials developed under the terms of this Agreement by exchanged faculty members shall be assigned to the host university. Proceeds from said invention or material shall be shared by Indian Institute of Technology, Roorkee and HTA Lucerne in accordance with their input of personnel and facilities. The host university shall provide the home university with an irrevocable, royalty-free, non-exclusive license to use the invention or materials for educational purposes, but not for commercial purposes. If the inventions or materials are made or developed in the course of a sponsored program funded by grant or contract, the determination of rights shall be subject to, and limited to, the provisions of the contract or grant. The host university shall notify the home university of such conditions by indicating such at the time of implementation of the exchange.
- IITR and HTA agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arise as a result of any collaborative research or activity under this MoU will be worked out on a case-to-case basis, and will be consistent with officially laid down IPR policies of the two institutions.
- XII. **Non-discrimination** - Indian Institute of Technology, Roorkee and HTA Lucerne agree that no person shall on the grounds of race, colour, national origin, sex, or creed be excluded from participation under the terms of this Agreement.

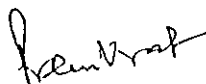
XIII. Modification - The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

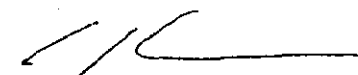
XIV. Resolution of disputes - Any dispute or differences which may arise between the members relating to any matter under this MOU shall be settled by consultation and negotiation, or failing that, through mediation by a mutually agreed third party.

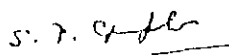
IN WITNESS WHEREOF, Indian Institute of Technology, Roorkee and HTA Lucerne have executed this Agreement as of the date first above written.

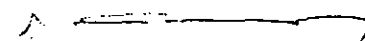
Indian Institute of Technology, Roorkee

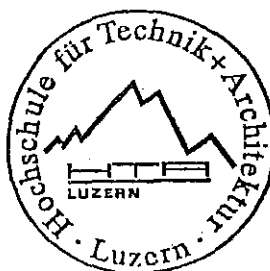
HTA Lucerne

  
(Prem Vrat)  
Director

  
(Crispino Bergamaschi)  
Rector

Witness : 

Witness : 



  
02 JUN 2005



Appendix 'E'  
Item No. 15.5.1(b)

INDIAN INSTITUTE OF TECHNOLOGY  
ROORKEE

Director's Office

Indian Institute of Technology

Dy. No. 3367 Date 27/1/06

Signature .....

Chairman  
Board of Governors

Registrar's Office

IIT Roorkee

Dy No. 526 Dt. 31/1/06

Signature .....

Dated : 17 Jan. 06

Subject : Request for approval for signing an MOU between IIT Roorkee and Concordia University, Canada

1. There is a proposal to sign an MoU with Concordia University, Canada.
2. The draft MoU was discussed in the Educational Research & Planning Committee (ERPC) in its meeting held on 4.10.2005 and found the proposal in order. The committee recommended that the MoU be signed with Concordia University, Canada.
3. The matter was also discussed in the Deans' Committee in its meeting held on 26<sup>th</sup> December 2005 which recommended that Director may sign the MoU with the Concordia University, Canada.
4. A copy of the draft MoU is enclosed.

It is requested that approval for signing the MoU with Concordia University, Canada may kindly be accorded.

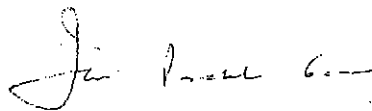
The entire matter shall be reported in the next meeting of Board of Governors.

  
(Prem Vrat)  
Director

✓ Sri Jai Prakash Gaur  
Chairman, BoG  
J.A.House, 63, Basant Lok,  
Vasant Vihar,  
New Delhi 110 057

U.O.No.PIP/CU/MoU/311

Dated : 17 Jan. 06



MS

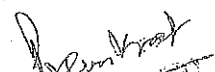
  
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DOFA/2/PIP.

for m.a. reporting  
to BoG

  
17.1.06

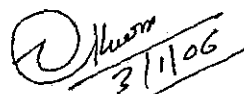
**ABSTRACT FROM THE 136<sup>th</sup> MEETING OF THE DEANS' COMMITTEE HELD  
ON 26<sup>th</sup> DECEMBER 2005.**

**IMPORTANT:** Action taken on this Minute must be reported to the MEETING  
SECTION WITHIN one week.

4.	Letter dated 13.12.2005 of Professor-In-Charge Planning regarding signing of MoU between Concordia University, Canada and IIT Roorkee: A U.O. Note be sent to Chairman, BOG for his approval.	PIP
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Encl: as above

PIP

  
31/1/06

कार्यवाहक अन्वेषक / Offg. Superintendent  
मीटिंग अनुभाग / Meeting Section  
भा.प्रौ.सं. रुड़की / IIT Roorkee

  
02 JUN 2006

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPERATION  
BETWEEN  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, INDIA  
AND  
CONCORDIA UNIVERSITY, CANADA**

Indian Institute of Technology Roorkee (IITR) and Concordia University (CU) recognize their strengths in research and education in one or more disciplines of science, engineering, management and social sciences, and their mutual interest in engaging themselves in academic cooperation.

Therefore, IITR and CU agree to establish a programme for academic cooperation in areas of mutual interest, and in accordance with terms and conditions set forth in this memorandum of understanding (MOU).

**A. Objectives**

The goal of this cooperation is to foster collaboration, provide opportunity for global experience, and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit, and frequent interactions. IITR and CU agree:

- a) To exchange information on research and educational programmes,
- b) To exchange information on teaching, learning material and other literature relevant to their educational and research programme,
- c) To jointly organize short-term continuing education programmes on topics of mutual interest and to invite each other's faculty to participate therein,
- d) To jointly organize seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein.
- e) To jointly propose and engage in research or training programmes sponsored by funding agencies, and to invite each other's faculty to participate therein,
- f) To exchange, on a reciprocal basis, students at Undergraduate, Graduate and Doctoral levels for limited periods of time for purpose of education and /or research.

IITR and CU agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two institutions. These terms shall include a technical description of proposed activity, financial arrangements, and person(s) responsible for its implementation, etc.

**B. Joint Sponsored Research, Development and Consulting**

IITR and CU agree to help identify and invite faculty members from the other institution to participate in research or development programmes already sponsored by external funding agencies. The terms and conditions

for such participation will be worked out by mutual agreement between the faculty member(s) and the institution extending such an invitation.

When a faculty member visits the other institution on invitation or as part of such joint research project, then such a visit will be classified as such, and handled as per rules of the individual institution.

### **C. Exchange of Faculty, Scientists and Staff**

IITR and CU agree to encourage collaboration between faculty and scientists from the two institutions. Specifically, the institutions will encourage members of their faculty to undertake short visits to, or take up fixed-term visiting assignments at, each other's institution during vacation periods or sabbatical leave. The terms and conditions for each visit or an assignment, including those concerning stipend, travel, and housing, will be worked out between the concerned faculty member and the institution extending an invitation.

Notwithstanding the above, IITR and CU will examine ways to identify financial resources to fund international travel by their faculty/scientists/students.

### **D. Student Exchange**

IITR and CU agree that student exchange will be guided by principles listed below. A home institution refers to the institution where a student is a full-time student, and from where he/she is expected to graduate. A host institution refers to an institution that receives a student for a brief period of time to undertake a pre-determined programme of study or research.

- a) Exchange students will be selected by mutual agreement between the home institution and the host institution.
- b) An exchange student will continue to be treated as full-time student at his/her home institution.
- c) The exchange student will be considered as full-time "exchange" student at the host institution.
- d) His/her programme of study at the host institution will be determined by mutual consultation between his/her academic advisor at the home institution and his/her "interim" academic advisor identified by the host institution.
- e) The host institution will evaluate an exchange student's performance in each course or module, award a letter grade or marks, and issue a letter to that effect.
- f) The home institution may award to the exchange student credits earned at a host institution, but only after the home institution has established correspondence between courses taken at the host institution vis-a-vis those offered at the home institution.

- g) If an exchange student has undertaken research, then the host institution will evaluate the exchange student's performance in the research, and issue a letter to that effect, together with a technical "report" of the research carried out.
- h) If an exchange student has undertaken research, then the home institution will take note of the performance evaluation and the technical report, and take steps in accordance with its own procedures.
- i) IITR and CU as host institution will provide suitable financial assistance to the exchange students to bear expenses towards accommodation, food and medical insurance. Host institution shall also assist in arranging the accommodation.
- j) As a host institution, IITR and CU will make every effort to arrange for subsidized housing for exchange students.
- k) IITR and CU will examine ways to identify financial resources to fund international travel by students.

#### **E. Exchange of Scientific and Technical Material**

IITR and CU will exchange information on research and educational programmes and teaching/learning material and other literature relevant to their educational and research programmes. Further, IITR and CU agree to explore ways to share teaching/learning material, and other relevant literature, while respecting each other's intellectual property and other rights.

#### **F. Joint Conferences, workshops and short-term courses**

IITR and CU agree to help identify and invite faculty members from the other institution to participate in conferences, workshops and short-term courses. The terms and conditions for such participation will be worked out by mutual agreement between the invited faculty member(s) and the institution extending such an invitation.

When a faculty member visits the other institution on invitation or as part of such joint activity, then such a visit will be classified as such, and handled as per rules of individual institution.

#### **G. Intellectual Property**

IITR and CU agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arise as a result of any collaborative research or activity under this MOU will be worked out on a case-to-case basis, and will be consistent with officially laid down IPR policies of the two institutions.

#### **H. Co-ordination**

Each institution shall appoint one member of its teaching/research faculty to coordinate the programme on its behalf. Further, a coordination

committee, consisting of (a) Director, IIT Roorkee, or his/her nominee, (b) Vice Chancellor/Rector, CU, or his/her nominee, (c) programme coordinator from the side of IITR, and (d) Programme Coordinator from the side of CU, will periodically review and identify ways to strengthen cooperation between the two institutions.

#### **I. Tenure and Termination:**

This MOU will take effect from the date it is signed by representatives of the two institutions. It will remain valid for five years, and may be continued thereafter after suitable review and agreement.

Either institution may terminate the MOU by giving written notice to the other institution six months in advance. Once terminated, neither IITR nor CU will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, IITR and CU will ensure that all activities in progress are allowed to complete successfully.

#### **J. Arbitration Clause**

Should there be a dispute relating to any aspect of academic cooperation, Director, IITR and Vice Chancellor/Rector, CU will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

This MOU is signed subject to approval of the respective academic/ administrative bodies.

Signed this date: \_\_\_\_\_

Signed this date: \_\_\_\_\_

Prem Vrat  
Director  
Indian Institute of Technology Roorkee

F.H. Lowy  
Rector and Vice-Chancellor  
Concordia University

Witness :

  
02 JUN 2006

Appendix 'F'  
Item No. 15.5.1(c)

INDIAN INSTITUTE OF TECHNOLOGY  
ROORKEE

Director's Office  
Indian Institute of Technology  
Dy. No 32-32 Late L.S. (4)  
Signature .....

Chairman  
Board of Governors

Dated: 10 Jan. 06

Subject: Request for approval for signing an MOU between IIT Roorkee and The Institut National des Telecommunications (EVRY) France

1. There is a proposal to sign an MoU with The Institut National des Telecommunications (EVRY) France.
2. The draft MoU was discussed in the Educational Research & Planning Committee (ERPC) in its meeting held on 2.8.2005 which proposed that a statement on IPR clause be included in the draft MoU.
3. The IPR Clause was added as a part of Article I.
4. The ERPC again considered the draft MoU on 4.10.2005 and recommended that it may be signed.
5. The matter was then discussed in the Deans' Committee in its meeting held on 9 Nov 2005 which recommended that Director may sign the MoU.
6. A copy of the draft MoU is enclosed.

It is requested that approval for signing the MoU with The Institut National des Telecommunications (EVRY) France, may kindly be accorded.

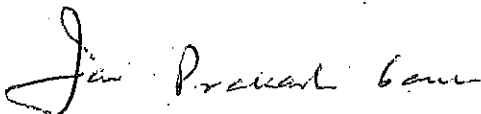
The entire matter shall be reported in the next meeting of Board of Governors.

  
(Prem Vrat)  
Director


Sri Jai Prakash Gaur  
Chairman, BoG  
J.A. House, 63, Basant Lok,  
Vasant Vihar,  
New Delhi 110 057

U.O.No.PIP/EVRY(France)/MoU/340

Dated: 10 Jan. 06



  
02 JUN 2006

  
PP/R  
Form. 9.

# AGREEMENT FOR COOPERATION

## BETWEEN

THE INSTITUT NATIONAL DES TELECOMMUNICATIONS  
EVRY (France)

And

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

The Institut National des Telecommunications of EVRY and Indian Institute of Technology Roorkee (IITR) hereby undertake to set up an exchange program and to collaborate in academic and scientific fields of mutual interest to both parties.

### Article 1

The main goal of the cooperation between the Institut National des Telecommunications and IITR is to develop collaboration between the two establishments in the fields of research and higher education. The Institutions will share any intellectual property that is developed as a result of collaboration between the institutions pursuant to this agreement.

### Article 2

In order to achieve these goals, IITR and the Institut National des Telecommunications, to the best of their ability, agree to the following :

- to exchange information in the fields of teaching, pedagogic engineering and research,
- to promote exchanges between establishments by inviting faculty members and other staff from the partner establishment to participate in varied activities in the fields of teaching, research and professional development,
- to invite research and teaching staff from the partner establishment, wherever practicable, to participate in seminars, conferences, internships and in meetings on research subjects,
- to set up joint programs for scientific research in areas of mutual interest,
- to admit suitable under-graduate and graduate students of the partner establishment for a period of study, training or research, based on a specified application process. Under no circumstances is either institution required to accept unsuitable candidates on exchange.
- To admit Ph.D. students
- To co-supervise doctoral dissertations.

### Article 3

That each party should designate someone responsible for the implementation of this agreement.



Any suggestions for specific programs or actions should be sent to the above person, who, in turn will seek the approval of his/her counterpart.

#### Article 4

This agreement for cooperation is to be considered as the basis for all other agreements between the two parties.

Additional agreements concerning any other program should specify the responsibilities of each party and should be a written agreement, signed and put into operation by the official representatives of each party.

The scope of activities covered by this agreement will be determined by the means available to each establishment and by any financial support which may be obtained.

#### Article 5

Except where specifically stipulated to the contrary in any subsequent agreement, each establishment will pay its own staff's expenses. The host establishment will help the staff concerned to find accommodation during the stay.

Where students are taking part in an exchange program, tuition fees will be paid to that student's original establishment; thus, no tuition fees will be exchanged between partner establishments.

#### Article 6

This agreement will take effect from the date of its signature and will remain valid until its termination by one of the two parties. Either establishment may terminate the agreement by giving written notice of six months. In the case of termination, neither IITR nor the Institut National des Telecommunications will be responsible for any losses, financial or otherwise, which the other may suffer or subject to any redress.

Signed in two copies

(PREM VRAT)  
Director  
Indian Institute of Technology Roorkee

(CHRISTIAN MARGARIA)  
Director  
Institut National des Telecommunications

Place :

Dated :

Witness :

  
02 JUN 2003

Registrar's Office  
IIT Roorkee  
By No. 6.77.Dt. 14/6/06  
Signature: [Signature]

INDIAN INSTITUTE OF TECHNOLOGY  
ROORKEE

Appendix 'G'  
Item No. 15.5.1(d)

Signature: [Signature]

**Subject: To consider creation of a budget head in Consultancy Projects for meeting the expenses on power and fuel, and mandatory allocation of 1.5% of the gross Consultancy budget to this head for putting it in a reserve fund to be transferred to Estate & Works to meet the shortfall in the budget on this account, as and when necessary.**

Institute Engineer has submitted a request for meeting the expenses for power and fuel by charging 1.5% of the gross budget in consultancy projects to make the amount realised, available to meet the escalating bill of power and fuel. A Committee was constituted with Dean (SRIC) as the Chairman and it recommended that a separate head for budgeting in consultancy projects may be created for power and fuel. The allocation under this head will be 1.5% of the gross consultancy budget (excluding service tax). The amount realized under this head may be put in a reserve fund, from which the shortfall in the Institute budget on this account may be met.

The said issue has also been discussed in the Deans' Committee 138th meeting held on 8.2.2006, taking into consideration a note dated 20th January 2006 of A.R. (SRIC- Accounts) regarding creating a separate head of account in consultancy rules towards use of electricity by labs/offices etc. @ 1.5% of the gross consultancy amount (excluding service tax). The Deans' Committee has recommended that approval may be required from the Chairman, BOG through a U.O. note and included in the Consultancy Rules, which are under revision. The money will be

9063/ credited/transferred quarterly to an Institute reserve fund and used towards meeting the cost of fuel for generators and for payment of electricity bills.

In view of the above, the Chairman, Board of Governors, is requested to kindly approve the creation of a separate head of account in the consultancy rules towards use of electricity by labs/offices etc @ 1.5% of the gross consultancy amount (excluding service tax).

The approval so accorded will be reported to the Board of Governors in its next meeting.

Encl: As above.

*Prem Vrat*  
(Prem Vrat)  
DIRECTOR

Mr. Jaiprakash Gaur  
Chairman, Board of Governors, IIT Roorkee  
Jaiprakash Associates Limited  
J.A. House  
63, Basant Lok  
Vasant Vihar  
**NEW DELHI-110 057**

U.O.Note No. IITR/ SRIC/C-01/01

Dated: 20 March, 2006

Approved

*Jaiprakash*

20.3.06

✓  
DSRIC/Registrar  
for necessary action

*Prem Vrat*  
25.3.06  
86 DIRECTOR

*A*  
02 JUN 2006

MS  
*Dr*