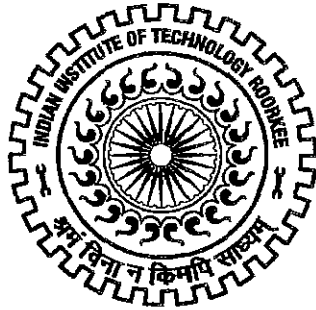


**अभिशासक परिषद्
की सप्ताहसर्वी बैठक का कार्यवृत्त**

**MINUTES OF THE 27TH MEETING
OF THE BOARD OF GOVERNORS**

10TH MARCH 2010



भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की — 247 667 (भारत)

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

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667



**MINUTES OF THE 27th MEETING OF THE
BOARD OF GOVERNORS HELD ON 10TH MARCH 2010**

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Minutes of the 27th Meeting of the Board of Governors held on 10th March 2010 at 12.00 Noon at New Delhi.

The following were present:

- | | |
|-----------------------------------------------------------|-----------------|
| 1. Shri Ashok Bhatnagar | Chairman |
| 2. Prof. S.C. Saxena, Director, IIT Roorkee | Member |
| 3. Dr. Vinod Bhakuni, CDRI, Lucknow | Member |
| 4. Shri Amit Khare, IAS, JS (ICC), MHRD, New Delhi | Member |
| 5. Dr. D.V. Singh, New Delhi | Member |
| 6. Shri Sirajuddin Qureshi, MD, Hind Agro Industries Ltd. | Member |
| 7. Prof. S.A. Abbasi, Pondicherry University | Member |
| 8. Prof. I.M. Mishra, IIT Roorkee | Member |
| 9. Prof. D.K. Paul, IIT Roorkee | Member |
| 10. Prof. H.K. Verma, Dy. Director, IIT Roorkee | Special Invitee |
| 11. Lt. Col. (Retd) A.K. Srivastava, Registrar | Secretary |

Prof. Surendra Kumar, Dean (Finance & Planning) and Er. Salek Chand, Institute Engineer attended the meeting on invitation.

Communication received from the following members for not attending the meeting:

1. Principal Secretary (Technical Education)
Govt. of Himachal Pradesh
Simla - 2 (Himachal Pradesh)
2. Director,
Technical Education Haryana
Bays No.7-12, Sector-4
Panchkula (Haryana)

At the outset, the Chairman welcomed the members to the 27th Meeting of the Board of Governors. Before taking up the agenda, the Board of Governors thanked the under mentioned outgoing members who completed their tenure on 31st December 2009, and recorded its appreciation for their valuable contribution in the meetings of the Board:

1. Prof. H.O. Gupta, IIT Roorkee
2. Prof. A.K. Awasthi, IIT Roorkee

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The Board of Governors also welcomed the following new members and solicited their valuable contribution and active participation in its functioning:

1. Prof. I. M. Mishra, IIT Roorkee
2. Prof. D.K. Paul, IIT Roorkee

The agenda was then taken up.

Item No.27.1.0: To confirm the minutes of the 26th meeting (Special Meeting) of the Board of Governors held on 13.11.2009.

The minutes of the 26th meeting (Special Meeting) of the Board of Governors held on 13.11.2009, were confirmed.

Item No.27.1.1: To receive a report of actions taken on the minutes of the 25th Meeting of the Board of Governors held on 22nd June 2009.

The position of action taken on the matters as reported was noted.

Item No.27.1.2: To receive a report of the Director on the significant developments/issues since the last meeting of the Board of Governors held on 22.6. 2009.

The Board noted the Director's Report placed on table.

Item No.27.2.1: To consider the estimate of Rs.3.82 crores for Solar Water heating and Lighting System in various Multistoried Buildings for IIT Roorkee.

The Finance Committee had considered the issue in its meeting held on 21st December 2009 vide item No.22.5. 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/01/2010: RESOLVED THAT the work for Solar Water Heating and Lighting System in various Multistoried Buildings for IIT Roorkee be awarded to the NBCC Ltd. at a cost of Rs.3.82 crores as per the estimate submitted by them.


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Item No.27.2.2: To consider the estimate of Rs.34,22,490.85 for the construction of a sub-station building at the Saharanpur Campus.

The Finance Committee had considered the issue in its meeting held on 21st December 2009 vide item No.22.6. 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/02/2010: RESOLVED THAT the work for the construction of a sub-station building at the Saharanpur Campus may be awarded to the U.P. Rajkiya Nirman Nigam Ltd. at a cost of Rs.34,22,490.85 as per the estimate submitted by them.

Item No.27.2.3: To consider the preliminary estimate of Rs.42.32 lacs for construction of a Dining Hall in the Trainee Officers' Hostel, Continuing Education Centre.

The Finance Committee had considered the issue in its meeting held on 21st December 2009 vide item No.22.8. 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/03/2010: RESOLVED THAT the work for construction of a Dining Hall in the Trainee Officers' Hostel, Continuing Education Centre, may be awarded to the U.P. Rajkiya Nirman Nigam Ltd at a cost of Rs.42.32 lacs as per the estimate submitted by them.

Item No.27.2.4: To consider the estimate of Rs.594.74 lacs for Electric sub stations and DG Sets in various Multistoried Buildings being constructed by the NBCC Ltd. for IIT Roorkee.

The Finance Committee had considered the issue in its meeting held on 21st December 2009 vide item No.22.9. 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/04/2010: RESOLVED THAT the work for (1) Construction of Sub Stations Buildings and Electric Installations, (2) Supply, Installation, Testing and

Commissioning of DG Sets in various Multistoried Buildings being constructed by the NBCC Ltd. for IIT Roorkee may be awarded to the NBCC Ltd. at the estimated cost of Rs.594.74 lacs as per the estimate submitted by them as per the details given below:

Sl. No.	Name of the Building	Estimated cost Rs.in lacs
1.	Lecture Hall Complex	32.09
2.	Boys' Hostels (Two new hostels)	47.82
3.	Hill View Apartments Phase-II	32.09
4.	Biotechnology/other Centres Complex	162.15
5.	'A' category residences, Civil Lines (Phase-I)	161.18
6.	Girls' Hostel	159.41
GRAND TOTAL Rs. (in lacs)		594.74

Item No.27.2.5: To consider the estimates and detailed project report for the following works:

1. Storm Water drainage system including ground water recharge for IIT Roorkee.
2. Storm Water drainage system including ground water recharge for Saharanpur Campus.
3. Sewerage system including STP and recycling of treated effluent for Saharanpur Campus.
4. Sewerage system including STP and recycling of treated effluent for IIT Roorkee Campus.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No.23.9. 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/05/2010: RESOLVED THAT the administrative approval for awarding the under-mentioned four works to the NBCC be accorded as per the estimated cost given against each work, except that the estimate of "Storm Water Drainage System for IIT Roorkee" (item at Sl.No. 1) may be revised after excluding ground water recharge as the water table in the Main Campus is already high. Further recommended that before awarding the work, the DPR be re-checked by an Institute Committee. The students of B.Tech. (Civil) IV year may also be invited to participate in planning and costing of the project. All these projects be considered

independent to each other and awarded separately as four independent projects:

Sl. No.	Particulars of work	Amount Rs. in lacs
1	Estimate for Storm Water drainage system for IIT Roorkee.	961.57
2.	Estimate for Storm Water drainage system for the Saharanpur Campus.	276.09
3.	Estimate for implementing Sewerage system including STP and recycling of treated effluent for the Saharanpur Campus.	482.83
4.	Estimate for implementing Sewerage system including STP and recycling of treated effluent for the Roorkee Campus.	2,323.00

Item No. 27.2.6: To consider the preliminary estimate of Rs.22.13 crores for the construction of Multi Activity Centre at IIT Roorkee.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No.23.10. 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/06/2010: RESOLVED THAT the administrative approval for awarding the work to the National Building Construction Corporation Ltd. for construction of Multi Activity Centre at IIT Roorkee campus be accorded at a cost of Rs.22.13 crores as per the estimate submitted by them, and the possibility of including an Indoor Badminton Courts, a Billiards Room, Table Tennis Room and Squash Courts in the building plan, be explored.

Item No.27.3.1: To consider the proposed Criteria and Procedure for upgradation of Professors from AGP 10500 to AGP 12000.

RESOLUTION NO.BG/07/2010: RESOLVED THAT the criteria and procedure for upgradation of Professors from AGP 10500 to AGP 12000 as given at **Appendix 'A'** be approved.



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Item No.27.4.1: To consider the proposal to recruit two Junior Engineers (Electrical) on contract basis against existing vacancies in the Institute.

RESOLUTION NO.BG/08/2010: RESOLVED THAT two positions of Junior Engineer (Electrical) chargeable to maintenance grant, on purely contract basis at a consolidated remuneration of Rs.13,000/- (Rs. thirteen thousand only) per month (for each post) may be filled against the vacant positions available in the Institute.

Item No.27.4.2: To consider the filling up of three essential posts in the Institute Hospital, viz Junior Technical Supdt. (Pathology)-01, Staff Nurse-01 and Pharmacist-01.

RESOLUTION NO.BG/09/2010: RESOLVED THAT the permission for filling up of the under-mentioned three essential vacant posts in the Institute Hospital, be accorded:

- | | | |
|----|-------------------------------------|-----|
| 1. | Junior Technical Supdt. (Pathology) | -01 |
| 2. | Staff Nurse | -01 |
| 3. | Pharmacist | -01 |


Item No.27.4.3: To consider the proposal to recruit two Junior Engineer (Civil) on contract basis for Estate & Works against existing vacancies in Institute.

RESOLUTION NO.BG/10/2010: RESOLVED THAT two positions of Junior Engineer (Civil) chargeable to maintenance grant, on purely contract basis at a consolidated remuneration of Rs.13,000/- (Rs. thirteen thousand only) per month (for each post) may be filled against the vacant positions available in the Institute.

Item No.27.4.4: To consider the revision of qualifications and pay scale of Institute Engineer.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No.23.5 and had recommended that the matter be referred to the MHRD for approval. 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/11/2010: RESOLVED THAT the matter of the pay scale and the qualifications/experience requirement of the Institute Engineer at IIT Roorkee be


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referred to the MHRD for approval, as per the details given below:

Pay Band : Rs.37400-67000

Grade Pay: Rs.8700/-

Essential Qualification:

Degree in Civil Engineering with experience in co-ordination & supervision of constructions and maintenance of Civil works including Public Health. The incumbent should have experience in contract management, tendering, planning, works accounts, procedures, bye-laws of local bodies, understanding of Electrical, AC, Telephone, Computer Networking, etc. working in the capacity of Superintending Engineer in Central Public Works Department (CPWD, PSU Govt. Undertaking or in reputed Corporate Houses).

Experience:

Minimum relevant experience of 15 years after the undergraduate degree in the above area.

Desirable:

Master's degree in Construction Management or equivalent.

NOTE: A comprehensive statement of case be sent to the MHRD in accordance with the instructions contained in letter F.No.23-3/2008-IFD dated 29th October 2008 (Appendix 'B')

Item No.27.4.5: To consider the extension of the old pension scheme to such incumbents who have joined the Institute after 31.12.2003 from the Central Government or State Governments or State/Central Autonomous Bodies and were governed by a non-contributory pension scheme in their respective organizations, prior to joining the Institute.

RESOLUTION NO. BG/12/2010: RESOLVED THAT the old pension scheme be extended to such Institute employees who joined the Institute on or after 1st January 2004, and are covered under the provisions of CCS (Pension) Rules, 1972, as notified vide Office Memo No. 28/30/2004-P&PW(B) dated 28th October 2009 by the Ministry of Personnel, Public Grievance and Pension, Government of India, New Delhi [sub-paragraph 2 (c)] (Appendix 'C').

Item No.27.4.6: To consider the Budget proposals of the Institute for the Financial Year 2010-11.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No. 23.6. 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/13/2010: RESOLVED THAT the under mentioned Budget proposals of the Institute for the financial year 2010-11 be approved.

1. Budget Estimate for Normal & OBC Plan Grant 2010-2011.
2. Budget Estimate Non Plan Grant 2010-2011.

The detailed Budget proposals of the Institute are given at **Appendix 'D'**.

Item No. 27.4.7: To consider the Proforma of Agreement to be filled by a member of staff of IIT Roorkee proceeding on Extra-Ordinary Leave (within India).

RESOLUTION NO.BG/14/2010: RESOLVED THAT the Proforma of Agreement to be filled by a member of staff of IIT Roorkee proceeding on Extra-Ordinary Leave (within India) as given at **Appendix 'E'** be approved. Further, the members of staff who have already proceeded on EOL within India and have signed an agreement on the form meant for EOL (Ex-India) may be asked to apply for re-executing the agreement on the form for EOL (within India) approved herein.

Item No.27.4.8: Mapping of Lab Assistants of Main Campus working in the pay scale of Rs.3050-4590 at par with the Lab Assistants of Saharanpur Campus working in the pay scale of Rs.3200-4900.

RESOLUTION NO.BG/15/2010: RESOLVED THAT status quo be maintained in this regard.

Item No.27.4.9: To consider the three special cases of pay fixation of Dr. Surendra Kumar, Assistant Professor, Department of Electrical Engineering, Dr. Shyamal Mukherjee, Assistant Professor, Department of Earthquake Engineering and Late Dr. I.J. Gupta, Ex-Asstt.

Professor, Department of Electronics & Computer Engineering who are/were drawing salary in the Professor's scale.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No. 23.8. 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/16/2010: RESOLVED THAT the issue be forwarded to the MHRD with complete details including post retirement benefits, with justification.

Item No.27.4.10: To consider the entitlement of Project Leave to the Emeritus Fellows:

RESOLUTION NO.BG/17/2010: RESOLVED THAT the entitlement of Project Leave to the Emeritus Fellows as due to an employee be approved.

Item No.27.4.11: Splitting of the Positions of Doctors sanctioned for the Institute Hospital into MOs, Sr. MOs, Dy. CMO and CMO.

The issue was withdrawn.

Item No.27.4.12: To consider the proposal to establish a Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre in IIT Roorkee.

RESOLUTION NO.BG/18/2010: RESOLVED THAT the proposal to establish a Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre in IIT Roorkee alongwith the Business Incubation Policy and the Faculty Entrepreneurship Policy, as appended at **Appendix 'F'** be approved.

Item No.27.4.13: To consider the revision of Consolidated Fellowship of Emeritus Fellows at IIT Roorkee.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No. 23.11. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

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RESOLUTION NO.BG/19/2010: RESOLVED THAT the revision of Consolidated Fellowship of Emeritus Fellows at IIT Roorkee from the present range of Rs.20,000-25,000 p.m. to Rs.35,000-50,000 p.m. and that of the present contingency grant of Rs.20,000 p.a. to Rs.30,000 p.a. be approved.

Item No.27.4.14: Modification in the Guidelines for Term-Appointment of Faculty/Visiting Faculty

RESOLUTION NO.BG/20/2010: RESOLVED THAT the under-mentioned correction be incorporated in the guidelines for Term-Appointment of Faculty/Visiting Faculty, Clause 4(d) Pay of Assistant Professor (on contract) :

"Minimum pay of Rs.20,140/- in PB-3 with AGP Rs.6,000/- for Assistant Professor (on contract)"

Item No.27.4.15: To consider applying fitment table for pay fixation to the movement of Assistant Professors from PB-3 to PB-4.

The Finance Committee had considered the issue in its meeting held on 10th March 2010 vide item No. 23.12. 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/21/2010: RESOLVED THAT the fitment Table No. 4 provided for the Readers in UGC system vide MHRD letter No.F.3-1/2009-U.I dated 4th June 2009 (**Appendix 'G'**) be applied to the Assistant Professors at IIT Roorkee.

Item No.27.4.16: To consider and approval of the revised Guidelines and Procedure for award of Professorial Chairs.

RESOLUTION NO.BG/22/2010: RESOLVED THAT the revised Guidelines and Procedure for award of professorial chairs as given at **Appendix 'H'** be approved.

Item No.27.5.1: 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, Board of Governors on behalf of the Board.


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RESOLUTION NO.BG/23/2010: RESOLVED THAT the approvals accorded by the Chairman, Board of Governors on behalf of the Board are ratified:

(i) Nomination of the under-mentioned six other members of the academic staff to the Senate by the Chairman BOG for a period of two years w.e.f. 1.1.2010 to 31.12.2011.


1. Dr. K.L. Yadav, Associate Professor, Department of Physics
2. Dr. C.B. Majumdar, Associate Professor, Department of Chemical Engineering
3. Dr. Dharmendra Singh, Associate Professor, Department of Electronics & Computer Engineering
4. Dr. Yogendra Singh, Associate Professor, Department of Earthquake Engineering
5. Dr. R. Krishnamurthy, Associate Professor, Department of Earth Sciences
6. Dr. (Ms) Babita Sinha, Assistant Professor, Department of Hum. & Social Sciences

(ii) Nomination of the undermentioned two members as Senate nominees, on the Board of Governors for a period of two years from 1.1.2010 to 31.12.2011:

1. Prof. I.M. Mishra, Department of Chemical Engineering
2. Prof. D.K. Paul, Department of Earthquake Engineering.

(iii) Signing of MoU between the following Institutions/ Universities and Indian Institute of Technology Roorkee (**Refer Appendix 'I'**):

1. Voith Hydro, Heidenheim, Germany
2. Prama Jyoti Foundation, New Delhi
3. University of Peradeniya, Sri Lanka
4. York University, Toronto Canada
5. India Meteorological Department (Ministry of Earth Sciences, Government of India).


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The MoU with Yoith Hydro, Heidenheim, Germany was signed on 20.1.2010.

(iv) Signing of MoU between the following Institutions and Indian Institute of Technology Roorkee (Refer Appendix 'J'):

1. Central Building Research Institute Roor kee
2. National institute of Technical Teacher's Training and Research (NITTTR), Chandigarh.

The MoU between CBRI has been signed on 17.2.2010.

(v) Signing of MoU between Bengal Engineer Group and Centre Roorkee and Indian Institute of Telchnology Roorkee (Refer Appendix 'K')

(vi) Modification in the existing Industrial Consultancy Rule No.5.1 which has been notified vide Notification No.IITR/SRIC/ 1060/ G-1 dated 24.12.2009.

(vii) Permission to visit USA from 8th to 15th October 2009 and to treat on duty to Prof. S.C. Saxena, Director, IIT Roorkee.

(viii) Taking over of the building for a transit campus of IIT Mandi at Mandi.

(ix) Nomination of the following members on the SMC of Adarsh Bal Niketan, IIT Roorkee Campus for a period of three years w.e.f. 1st August 2009:

1. Mrs. Indra Prabha Saxena w/o Prof. S.C. Saxena, Director, IIT Roorkee.
2. Prof. S.C. Sharma, Mechanical & Industrial Engineering Department.
3. Prof. M.R. Maurya, Chemistry Department.
4. Dr. Devendra Singh, Metallurgical and Materials Engineering Department.
5. Dr. Debashish Ghosh, Electronics & Computer Engineering Department.

(x) Receipt of audit certificate for the financial year 2008-2009 (Refer Appendix 'L').

(xi) Extension of the contractual appointment of Dr. Sanjeev Kumar Manhas as Assistant Professor in

the Department of Electronics & Computer Engineering for a period of six months w.e.f. 04.08.2009.

- (xii) Extension of the contractual appointment of Dr. Andallib Tariq as Assistant Professor in the Department of Mechanical & Industrial Engineering for a period of one year w.e.f. 21.08.2009.
- (xiii) Extension of the contractual appointment of Dr. (Mrs.) Ranjana Pathania as Assistant Professor (on contract) in the Department of Biotechnology for a period of one year w.e.f. 15.10.2009.
- (xiv) Extension of the contractual appointment of Dr. (Mrs.) Manjul Mohan as Medical Officer (on contract) in the Institute Hospital for a period of two years w.e.f. 10.11.2009 to 09.11.2011.
- (xv) Recommendations of the Selection Committee held on 27.07.2009 for selection to the post of Lecturer (on contract) in the Department of Electrical Engineering in the pay scale of Rs.10000-325-15200.
- (xvi) Recommendations of the Selection Committee held on 27.07.2009 for selection to the post of Assistant Professor in the Department of Electrical Engineering in the pay scale of Rs.12000-420-18300.
- (xvii) Recommendations of the Selection Committee held on 27.07.2009 for selection to the post of Associate Professor in the Department of Electrical Engineering in the pay scale of Rs.16400-450-20000.
- (xviii) Recommendations of the Selection Committee held on 27.07.2009 for selection to the post of Professor in the Department of Electrical Engineering in the pay scale of Rs. 18400-500-22400.
- (xix) Recommendations of the Selection Committee held on 29.07.2009 for selection to the post of Lecturer (on contract) in the Department of Humanities & Social Sciences in the pay scale of Rs. 10000-325-15200.



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- (xx) Recommendations of the Selection Committee held on 29.07.2009 for selection to the post of Assistant Professor in the Department of Humanities & Social Sciences in the pay scale of Rs. 12000-420-18300.
- (xxi) Recommendations of the Selection Committee held on 18.08.2009 for selection to the post of Lecturer (on contract) in the Department of Hydrology in the pay scale of Rs. 10000-325-15200.
- (xxii) Recommendations of the Selection Committee held on 18.08.2009 for selection to the post of Associate Professor in the Department of Hydrology in the pay scale of Rs. 16400-450-20000.
- (xxiii) Recommendations of the Selection Committee held on 27.08.2009 for selection to the post of Assistant Professor in the Department of Management Studies and DPT Campus, Saharanpur in the pay scale of Rs. 12000-420-18300.
- (xxiv) Recommendations of the Selection Committee held on 27.08.2009 for selection to the post of Associate Professor in the Department of Management Studies in the pay scale of Rs. 16400-450-20000.
- (xxv) Recommendations of the Selection Committee held on 31.08.2009 for selection to the post of Assistant Professor in the Department of Mechanical & Industrial Engineering in the pay scale of Rs. 12000-420-18300.
- (xxvi) Recommendations of the Selection Committee held on 31.08.2009 for selection to the post of Associate Professor in the Department of Mechanical & Industrial Engineering in the pay scale of Rs. 16400-450-20000.
- (xxvii) Recommendations of the Selection Committee held on 31.08.2009 for selection to the post of Professor in the Department of Mechanical & Industrial Engineering in the pay scale of Rs. 18400-500-22400.
- (xxviii) Recommendations of the Selection Committee held on 03.09.2009 for selection to the post of Lecturer (on contract) in the Department of Chemical Engineering in the pay scale of Rs. 10000-325-15200.

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- (xxiv) Recommendations of the Selection Committee held on 03.09.2009 for selection to the post of Assistant Professor in the Department of Chemical Engineering in the pay scale of Rs. 12000-420-18300.
- (xxx) Recommendations of the Selection Committee held on 03.09.2009 for selection to the post of Associate Professor in the Department of Chemical Engineering in the pay scale of Rs.16400-450-20000.
- (xxxii) Recommendations of the Selection Committee held on 07.09.2009 for selection to the post of Lecturer (on contract) in the Department of Paper Technology Saharanpur Campus in the pay scale of Rs.10000-325-15200.
- (xxxiii) Recommendations of the Selection Committee held on 07.09.2009 for selection to the post of Assistant Professor in the Department of Paper Technology Saharanpur Campus in the pay scale of Rs.12000-420-18300.
- (xxxiiii) Recommendations of the Selection Committee held on 07.09.2009 for selection to the post of Professor in the Department of Paper Technology Saharanpur Campus in the pay scale of Rs.18400-500-22400.
- (xxxv) Recommendations of the Selection Committee held on 10.09.2009 for selection to the post of Professor in the Department of Electronics & Computer Engineering in the pay scale of Rs.18400-500-22400.
- (xxxvi) Recommendations of the Selection Committee held on 10.09.2009 for selection to the post of Associate Professor in the Department of Electronics & Computer Engineering in the pay scale of Rs.16400-450-20000.
- (xxxvii) Recommendations of the Selection Committee held on 10.09.2009 for selection to the post of Assistant Professor in the Department of Electronics & Computer Engineering in the pay scale of Rs.12000-420-18300.
- (xxxviii) Recommendations of the Selection Committee held on 10.09.2009 for selection to the post of Lecturer

(on contract) in the Department of Electronics & Computer Engineering in the pay scale of Rs.10000-325-15200.

- (xxxviii) Recommendations of the Selection Committee held on 14.09.2009 for selection to the post of System Programmer in the Institute Computer Centre in the pay scale of Rs.12000-420-18300.
- (xxxix) Recommendations of the Selection Committee held on 16.09.2009 for selection to the post of Associate Professor in the Department of Architecture & Planning in the pay scale of Rs.16400-450-20000.
- (xli) Recommendations of the Selection Committee held on 16.09.2009 for selection to the post of Assistant Professor in the Department of Architecture & Planning in the pay scale of Rs.12000-420-18300.
- (xlii) Recommendations of the Selection Committee held on 24.09.2009 for selection to the post of Assistant Professor in the Department of Earthquake Engineering in the pay scale of Rs.12000-420-18300.
- (xlii) Recommendations of the Selection Committee held on 24.09.2009 for selection to the post of Associate Professor in the Department of Earthquake Engineering in the pay scale of Rs.16400-450-20000.
- (xliii) Recommendations of the Selection Committee held on 24.09.2009 for selection to the post of Professor in the Department of Earthquake Engineering in the pay scale of Rs.18400-500-22400.
- (xliv) Recommendations of the Selection Committee held on 05.10..2009 for selection to the post of Professor in the Department of Metallurgical & Materials Engineering in the pay scale of Rs.18400-500-22400.
- (xlv) Recommendations of the Selection Committee held on 05.10.2009 for selection to the post of Associate Professor in the Department of Metallurgical & Materials Engineering in the pay scale of Rs.16400-450-20000.


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- (xli) Recommendations of the Selection Committee held on 05.10.2009 for selection to the post of Assistant Professor in the Department of Metallurgical & Materials Engineering in the pay scale of Rs.12000-420-18300.
- (xlvi) Recommendations of the Selection Committee held on 23.10.2009 for selection to the post of Professor in the Department of Mathematics in the pay scale of Rs.18400-500-22400.
- (xlvii) Recommendations of the Selection Committee held on 23.10.2009 for selection to the post of Associate Professor in the Department of Mathematics in the pay scale of Rs.16400-450-20000.
- (xlviii) Recommendations of the Selection Committee held on 05.10.2009 for selection to the post of Assistant Professor in the Department of Mathematics & Deptt. of Paper Technology, IITR Saharanpur Campus in the pay scale of Rs.12000-420-18300.
- (i) Recommendations of the Selection Committee held on 03.11.2009 for selection to the post of Professor in the Department of Humanities & Social Sciences in the pay scale of Rs.18400-500-22400.
- (ii) Recommendations of the Selection Committee held on 03.11.2009 for selection to the Professor in the Department of Hydrology in the pay scale of Rs.18400-500-22400.
- (iii) Recommendations of the Selection Committee held on 05.11.2009 for selection to the post of Associate Professor in the Department of Biotechnology in the pay scale of Rs.16400-450-20000.
- (iiii) Recommendations of the Selection Committee held on 05.11.2009 for selection to the post of Assistant Professor in the Department of Biotechnology in the pay scale of Rs.12000-420-18300.
- (i) Recommendations of the Selection Committee held on 06.11.2009 for selection to the post of Professor in the Department of Earth Sciences in the pay scale of Rs.18400-500-22400.
- (iv) Recommendations of the Selection Committee held on 06.11.2009 for selection to the post of Associate

Professor in the Department of Earth Sciences in the pay scale of Rs. 16400-450-20000.

- (lvi) Recommendations of the Selection Committee held on 06.11.2009 for selection to the post of Assistant Professor in the Department of Earth Sciences in the pay scale of Rs. 12000-420-18300.
- (lvii) Recommendations of the Selection Committee held on 23.11.2009 for selection to the post of Professor in the Department of Chemistry in the pay scale of Rs. 18400-500-22400.
- (lviii) Recommendations of the Selection Committee held on 23.11.2009 for selection to the Assistant Professor in the Department of Chemistry in the pay scale of Rs. 12000-420-18300.
- (lix) Recommendations of the Selection Committee held on 25.11.2009 for selection to the post of Professor in the Department of Physics in the pay scale of Rs. 18400-500-22400.
- (lx) Recommendations of the Selection Committee held on 25.11.2009 for selection to the Associate Professor in the Department of Physics in the pay scale of Rs. 16400-450-20000.
- (lxi) Recommendations of the Selection Committee held on 25.11.2009 for selection to the post of Assistant Professor in the Department of Physics in the pay scale of Rs. 12000-420-18300.
- (lxii) Recommendations of the Selection Committee held on 25.11.2009 for selection to the post of Professor in the Institute Instrumentation Centre in the pay scale of Rs. 18400-500-22400.
- (lxiii) Recommendations of the Selection Committee held on 25.11.2009 for selection to the post of Assistant Professor in the Institute Instrumentation Centre in the pay scale of Rs. 12000-420-18300.
- (lxiv) Recommendations of the Selection Committee held on 03.12.2009 for selection to the post of Professor in the Department of Civil Engineering in the pay scale of Rs. 18400-500-22400.



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- (lxv) Recommendations of the Selection Committee held on 03.12.2009 for selection to the post of Associate Professor in the Department of Civil Engineering in the pay scale of Rs. 16400-450-20000.
- (lxvi) Recommendations of the Selection Committee held on 03.12.2009 for selection to the post of Assistant Professor in the Department of Civil Engineering in the pay scale of Rs. 12000-420-18300.
- (lxvii) Recommendations of the Selection Committee held on 04.12.2009 for selection to the post of Professor in the Department of Architecture & Planning Department in the pay scale of Rs. 18400-500-22400.
- (lxviii) Recommendations of the Selection Committee held on 26.10.2009 for selection to the post of Deputy Librarian in the Central Library in the pay scale of Rs. 12000-420-18300.
- (lxix) Recommendations of the Selection Committee held on 26.10.2009 for selection to the post of Assistant Librarian in the Central Library in the pay scale of Rs. 8000-275-13500.
- (lxx) Request of Dr. Santosh N. Rangnekar for extension of his lien for a period of three months w.e.f. 19.08.2009 to 18.11.2009.
- (lxxi) Deemed resignation of Dr. Ashutosh Joshi from the post of Assistant Professor, Architecture & Planning Department, w.e.f. 21.07.2009.
- (lxxii) Resignation of Dr. Ankush Mittal from the post of Associate Professor, Electronics & Computer Engineering Department w.e.f. 14.12.2009.
- (lxxiii) Enhancement in the emoluments of three Medical Officers (on contract) as mentioned below:
- (a) Dr. (Mrs.) Manjul Mohan - Rs.35,500/- p.m. (w.e.f. 1.7.2009)
 - (b) Dr. (Mrs) Chetna Tiwari- Rs.35,500/- p.m. (w.e.f. 1.7.2009)
 - (c) Dr. Manoj Kumar Jain- Rs. 35,500/- p.m. (w.e.f. 1.7.2009)



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- (lxxiv) Revision of pay of teaching and other staff in Centrally Funded Technical Institutions (CFTIs) following the pay revision of the Central Government employees on the recommendation of 6th Central Pay Commission (6th CPC).
- (lxxv) Guidelines for Term-Appointment of Faculty / Visiting Faculty.
- (lxxvi) Acceptance of technical resignation of Dr. Neelesh Kumar Jain from the post of Assistant Professor, Mechanical & Industrial Engineering Department w.e.f. 28th January 2010 to join as Associate Professor at IIT Indore.
- (lxxvii) Recommendations of the Selection Committee held on 12.01.2010 for selection to the post of Medical Officer on Regular & Contract in the PB-3 and GP Rs. 5400/- in the Institute Hospital.
- (lxxviii) Extension of probation period for a period of one year under Statute 14(4) of Dr. Ashok Kumar Ahuja, Professor, Civil Engineering Department.
- (lxxix) Acceptance of technical resignation of Dr. S.C. Jain from the post of Professorial Chair on Dynamics of Rail Vehicle Systems in Mechanical & Industrial Engineering Department w.e.f. 28.12.2009 to join as Vice Chancellor, Mangalayatan University, Aligarh, U.P.
- (lxxx) Suspension of Dr. R. Balasubramnian, Assistant Professor, Mathematics Department w.e.f. 10.01.2010 due to his detention in jail for a period exceeding 48 hours.
- (lxxxi) Recommendations of the Departmental Professorial Committee for selection to Assistant Professor (on contract) (for Term Appointment) in the PB-3 and AGP of Rs. 6000/- in the Electronics & Computer Engineering Department.
- (lxxxii) Acceptance of resignation of Dr. Dukhabandhu Sahoo from the post of Assistant Professor, in the Department of Paper Technology, Saharanpur Campus to join his new academic assignment at Indian Institute of Technology, Bhubaneswar, w.e.f. 26th April 2010.

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(lxxxiii) Extension of the contractual appointment of Dr. (Mrs.) Shailly Tomar, Assistant Professor (on contract) in the Department of Biotechnology for a period of one year w.e.f. 7th February 2010.

(lxxxiv) Suspension of Dr. R.Balasubramnian, Assistant Professor, Mathematics Department revoked w.e.f. 26.2.2010(FN) .


Item No. 27.5.2: To report certain matters for the Information of the Board of Governors.

RESOLUTION NO.BG/24/2010: RESOLVED THAT the matters, as listed below, were noted and recorded:

(i) Minutes of the 21st and 22nd Meeting of the Finance Committee of the Institute held on 22.6.2009 and 21.12.2009, respectively.

(ii) **The following faculty members were appointed:**

Sl. No.	Name	Designation	Department	Date of Joining
1	Dr. Rajendra Prasad	Professor	Electrical Engineering	04.08.2009
2	Dr. Biswarup Das	Professor	Electrical Engineering	04.08.2009
3	Dr. Radhey Shyam Anand	Professor	Electrical Engineering	04.08.2009
4	Dr. E. Fernandez	Associate Professor	Electrical Engineering	04.08.2009
5	Dr. Gopi Natha Pillai	Associate Professor	Electrical Engineering	04.08.2009
6	Dr. Anindya Jayanta Mishra	Assistant Professor	Hum. & Soc. Sciences	04.08.2009
7	Dr. Sumit Ghatak Choudhuri	Assistant Professor	Electrical Engineering	04.08.2009
8	Dr. Ravi Kumar	Professor	Mech. & Indl. Engg.	04.09.2009
9	Dr. D.K. Dwivedi	Associate Professor	Mech. & Indl. Engg.	04.09.2009
10	Dr. Andallib Tariq	Assistant Professor	Mech. & Indl. Engg.	04.09.2009
11	Dr. Inderdeep Singh	Assistant Professor	Mech. & Indl. Engg.	04.09.2009
12	Dr. Zillur Rahman	Associate Professor	Management Studies	04.09.2009
13	Dr. Anil Kumar Sharma	Associate Professor	Management Studies	04.09.2009
14	Dr. Dhyani Singh Arya	Associate Professor	Hydrology	08.09.2009
15	Dr. C.B. Mazumdar	Associate Professor	Chemical Engg.	08.09.2009
16	Dr. (Mrs.) Shashi	Associate Professor	Chemical Engg.	08.09.2009
17	Dr. Shishir Sinha	Associate Professor	Chemical Engg.	08.09.2009
18	Dr. (Ms) Ashu Khanna	Assistant Professor	Paper Technology	10.09.2009
19	Dr. (Mrs) Ila Gupta	Associate Professor	Architecture & Planning	22.09.2009
20	Mr. Gaurav Raheja	Assistant Professor	Architecture & Planning	22.09.2009
21	Ms. Tina Pujara	Assistant Professor	Architecture & Planning	22.09.2009
22	Dr. M.J. Nigam	Professor	Electronics & Computer Engg.	23.09.2009
23	Mr. Mukesh Kumar	System Programmer	Institute Computer Centre	23.09.2009
24	Dr. Sanjeev Manhas	Assistant Professor	Electronics & Computer Engg.	24.09.2009
25	Dr. Anand Bulusu	Assistant Professor	Electronics & Computer Engg.	24.09.2009
26	Dr. Debashis Ghosh	Associate Professor	Electronics & Computer Engg.	24.09.2009
27	Dr. Prasenjit Mondal	Assistant Professor	Chemical Engineering	25.09.2009
28	Dr. Ram Prakash	Assistant Professor on Contract	Chemical Engineering	29.09.2009
29	Dr. M.V. Kartikeyan	Professor	Electronics & Computer Engg.	29.09.2009
30	Dr. Ashok Kumar	Professor	Earthquake Engineering	07.10.2009


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31	Dr.(Mrs) Amita Sinvhal	Professor	Earthquake Engineering	07.10.2010
32	Dr. Manish Shrikhande	Associate Professor	Earthquake Engineering	07.10.2010
33	Dr. B.K. Maheshwari	Associate Professor	Earthquake Engineering	07.10.2009
34	Dr. Pankaj Agarwal	Associate Professor	Earthquake Engineering	07.10.2009
35	Dr. Surendra Singh	Professor	Met. & Mat. Engg.	07.10.2009
36	Dr. Anjan Sil	Professor	Met. & Mat. Engg.	07.10.2009
37	Dr. Kamlesh Chandra	Professor	Met. & Mat. Engg.	07.10.2009
38	Dr. Rajiv Sharma	Associate Professorial Chair (HUDCO Chair)	Centre for Transportation Systems	06.10.2009
39	Dr. R. Jayaganthan	Associate Professor	Met. & Mat. Engg.	07.10.2009
40	Dr. B.B.S. Daniel	Associate Professor	Met. & Mat. Engg.	07.10.2009
41	Dr. Vivek Pancholi	Assistant Professor	Met. & Mat. Engg.	07.10.2009
42	Dr. (Mrs.) Sharmili Das	Assistant Professor (on contract)	Electrical Engineering	12.10.2009
43	Dr. Dukhabandhu Sahoo	Assistant Professor	Paper Technology	12.10.2009
44	Dr. Sanjit Kumar Mishra	Assistant Professor	Paper Technology	22.10.2009
45	Dr. Manas Mohan Mahapatra	Assistant Professor	Mech. & Indl. Engg.	28.10.2009
46	Dr. Jitendra Madan	Assistant Professor	Mech. & Indl. Engg.	29.10.2009
47	Dr. Rajan Arora	Assistant Professor	Paper Technology	05.11.2009
48	Dr. Milli Pant	Assistant Professor	Paper Technology	05.11.2009
49	Dr.(Mrs.) Sagarka Mukhopadhyay	Professor	Earth Sciences	09.11.2009
50	Dr. Sandeep Singh	Professor	Earth Sciences	09.11.2009
51	Dr. Anand Joshi	Associate Professor	Earth Sciences	09.11.2009
52	Dr. M. Perumal	Professor	Hydrology	09.11.2009
53	Dr.(Mrs.) Rashmi Gaur	Professor	Hum. & So. Sciences	09.11.2009
54	Dr. Partha Roy	Associate Professor	Biotechnology	09.11.2009
55	Dr. Vikas Pruthi	Associate Professor	Biotechnology	09.11.2009
56	Dr.(Mrs) Ranjana Pathania	Assistant Professor	Biotechnology	09.11.2009
57	Mrs. Sushma Gupta	Dy.Librarian	Central Library	09.11.2009
58	Dr. (Mrs.) Maya S Nair	Assistant Professor	Biotechnology	10.11.2009
59	Dr. S. Rangnekar	Associate Professor	Management Studies	12.11.2009
60	Dr. Mukesh Bhardwaj	Assistant Professor	Met. & Mat. Engg.	17.11.2009
61	Dr. Mukesh Kumar Barua	Assistant Professor	Management Studies	03.12.2009
62	Dr. Mohd. Ashraf Iqbal	Assistant Professor	Civil Engineering	07.12.2009
63	Dr. A.A. Kazmi	Associate Professor	Civil Engineering	07.12.2009
64	Dr. Bhola Ram Gurjar	Associate Professor	Civil Engineering	07.12.2009
65	Dr. Pramod Kumar Gupta	Associate Professor	Civil Engineering	07.12.2009
66	Dr. (Ms.) Priti Maheshwari	Assistant Professor	Civil Engineering	07.12.2009
67	Dr. (Mrs.) Tashi Nautiyal	Professor	Physics	07.12.2009
68	Dr. Ghanshyam Das Varma	Associate Professor	Physics	07.12.2009
69	Dr. (Mrs.) Davinder Kaur	Associate Professor	Physics	07.12.2009
70	Dr. (Ms.) Tulika Maitra	Assistant Professor	Physics	07.12.2009
71	Dr. (Mrs) Pushplata	Professor	Architecture & Planning	08.12.2009
72	Dr. Rajdeep Chatterjee	Assistant Professor	Physics	14.12.2009
73	Dr. B.K. Kaushik	Assistant Professor	Electronics & Computer Engg.	18.12.2009
74	Mr. Amarendra Kumar Sharma	Assistant Librarian	Central Library	22.12.2009
75	Dr. Vikram Vasant Dabhade	Assistant Professor	Met. & Mat. Engg.	23.12.2009
76	Dr. Prakash Biswas	Assistant Professor on contract	Chemical Engineering	23.12.2009
77	Dr. Vishal Kumar	Assistant Professor	Electrical Engineering	24.12.2009
78	Dr. Kamal Jain	Associate Professor	Civil Engg.	01.01.2010
79	Dr. (Ms.) Anjali Sardana	Assistant Professor on Contract	Electronics & Computer Engg.	03.02.2010


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

Sl. No.	Name	Designation	Department	Date of superannuated/ Resigned
1	Mr. Mahesh Kumar	Assistant Executive Engineer (Elect)	Construction Division	31.03.2008(AN) Resigned
2	Dr. M.R. Kural	Chief Medical Officer	Institute Hospital	31.07.2009 (Retired)
3	Dr. Ashutosh Joshi	Assistant Professor	Architecture & Planning	21.07.2009 (deemed resignation)
4	Dr. Ankush Mittal	Associate Professor	Electronics & Computer Engineering	14.12.2009 (resigned)
5	Dr. Neelesh Kumar Jain	Assistant Professor	Mechanical & Industrial Engg.	28.01.2010 (resigned)
6	Mr. Srawan Kumar	A.E.E. (Civil)	Construction Division	31.01.2010 (Retired)

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

Sl. No.	Name	Designation	Department	Date on Which brought on Regular Cadre
1.	Dr. Sukh Pal Singh	Professor	Humanities & Social Sciences	26.06.2008
2	Dr. R.P. Maheshwari	Professor	Electrical Engg.	16.04.2009
3	Dr. Surendra Kumar Mishra	Associate Professor	W.R.D & M	16.04.2009
4	Dr. N.P. Padhy	Professor	Electrical Engg.	16.04.2009
5	Dr. M.L. Sharma	Professor	Earthquake Engineering	09.05.2009
6	Dr. Rajat Agrawal	Assistant Professor	Management Studies	14.05.2009
7	Dr. Vineet Kumar	Associate Professor	Chemical Engg.	10.07.2009
8	Dr. Vinay Sharma	Assistant Professor	Management Studies	01.07.2009
9	Dr. Anirban Mitra	Assistant Professor	Physics Deptt.	20.06.2009
10	Dr. Manish Mishra	Assistant Professor	Mechanical & Industrial Engineering	09.07.2009
11	Dr. D.B. Karunakar	Assistant Professor	Mechanical & Industrial Engineering	14.07.2009
12	Dr. (Ms.) Madhu Jain	Assistant Professor	Mathematics	31.12.2009

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


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Criteria and Procedure for Up-gradation of Professors from AGP of Rs.10500 to AGP of Rs.12000

A. Broad Basis

1. The criteria would be based on the academic performance of the eligible Professors. It would recognize the reward the cumulative contribution of individual Professors towards achieving the overall excellence of the IIT system.
2. Individual faculty members in the IITs are expected to be active on many different fronts and that includes teaching, research, extension activities as well as department/Institute/student administration. Faculty members develop their own profiled and quality contributions in diverse activities are responsible for the excellence of the IITs. Thus without diluting the need for excellence, any criteria should recognize that faculty can have different profiles.

B. Process of Movement from AGP of Rs.10500 to AGP of Rs.12000

1. **Assessment Committee:** An Institute level committee be constituted to evaluate and recommend movement. This committee be broad based representing all discipline/focus areas with members drawn from all those with AGP 12000. Director would be chairperson of the committee and Dean of Faculty Affairs would be the convener. The issue of constituting the committee for the first time is addressed at 'D'.
2. **Periodicity of Assessment:** This would be an annual process with a cut-off date of 1st January of each year and all Professors who have completed 6 years as Professor by that date would be eligible.
3. **Application Process:** No applications need be invited from Professors as the Establishment Section 'A' has with it the list of eligible Professors on any given cut-off date.
4. **Date of Movement to AGP 12000:** The assessment should be completed within a period of three months and movement to AGP of Rs.12000 should be made effective from the cut-off date.
5. **Transparency:** The results of assessment, including the basis of arriving at the decisions, will be communicated to all eligible Professors after the process is completed in a specific year.
6. **Effective Implementation Date:** This is a 6 CPC related order and thus the effective date of implementation will be from 1.1.2006 i.e. all

faculty members who became Professors on/before 1.1.2000 would be eligible for consideration to AGP 12000 w.e.f. 1.1.2006. As per item 2 on periodicity above, the evaluation be repeated for movement to AGP 12000 with effect from 1.1.2007, 1.1.2008 and 1.1.2009 as well.

7. Other Eligibility Conditions: The criteria is based on academic performance but those Professors who have been found guilty of or charged with serious offences (financial/moral/ academic etc) will be debarred from consideration for this movement to AGP of Rs.12000. Further, the application of those Professors charged with such offences will be held in abeyance until they are cleared of the charges.

8. The number of Professors who are brought to AGP of Rs.12,000 p.m. will be in conformity with the applicable MHRD order, on the subject (Presently MHRD order F.No.23-1/2008-TS.II dated 18th August 2009 is applicable, **Annexure - I**).

C. Components for movement from AGP of Rs.10500 to AGP of Rs.12000 and criteria for movement from AGP of Rs.10500 to AGP of Rs.12000

The deciding components for movement will be:

- 1. Teaching:** Teaching contributions shall typically include the following activities.
 - The courses taught with the student strengths. Students strengths are important as the continued involvement of Professors with large undergraduate classes should be given credit.
 - New theory as well as laboratory courses developed.
 - Guidance of B.Tech./M.Sc Projects.
 - Course material (print as well as electronic), text books, laboratory manuals developed.
- 2. Research:** Research contributions shall typically include the following activities:
 - Publications in peer reviewed journals and conferences.
 - Chapter contributions to research based books and monographs.
 - Guidance of Ph.D. and M.Tech./ MS (R) students.
- 3. Sponsored Research and IPR Generation:** This shall typically include the following activities:
 - Sponsored research
 - Patents and other know- how generation.
 - Technology development and transfer.


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4. **Extension activities:** This shall typically include the following activities

- Consulting
- Coordination of national technical programmes
- Conducting workshops and conferences
- Membership of boards, national committees etc.
- Initiating collaboration with industry or other institutions

5. **Departmental/Institutional/Student Administration:** This category is only for those persons who have held major administrative responsibilities in their tenure as Professor and that includes Wardens, Headships of Departments and other academic/student bodies, JEE/GATE Chairpersons, Deans, Deputy Director etc.

The basis of up-gradation will be the average score of the faculty member for the three preceding academic years. The cut-off score for the movement will be decided by the Initial Committee of Professors.

D. Handling Initial Movement

The following procedure will be followed for constituting the Initial Committee of 10-15 eligible Professors:

- (a) The Director will get the list of all Professors serving as Professor on 31.12.2005 excluding those who have retired after 1.1.2006 with scores in the Annual Performance Appraisals for all the years and will recommend the names of upto 15 Professors clearly satisfying the criteria for movement to AGP of Rs. 12000/- on the basis of average score ≥ 4.0 in the Annual Performance Appraisals and the seniority as Professor to the Chairman BOG for according the approval for sanctioning the AGP of Rs.12000/- to them w.e.f. 1.1.2006.
- (b) The Professors as approved by the Chairman shall be inducted in the initial committee as its members. This committee shall work as the Standing Committee, which shall be chaired by the Director. It shall assess other eligible Professors and make recommendations to the Chairman for his approval.
- (c) Any vacancy in the Standing Committee at a later date shall be filled by the Director from amongst the Professors who are already drawing the AGP of Rs.12000/- on that date.
- (d) Finally, the list of eligible Professors recommended by the Standing Committee for sanctioning the AGP of Rs.12,000/- will be approved by the Chairman, Board of Governors.


30 MAR 2010

No.23-3/2008-IFD
Government of India
Ministry of Human Resource Development
Department of Higher Education
(Integrated Finance Division)

'C' Wing Shastri Bhawan
New Delhi, October 29, 2008

To

All the Centrally Funded Technical Institutions

Sub: Checklist for processing cases relating to creation of posts.

The undersigned is directed to refer to this Ministry's letter of even No. dated 8/5/08 (copy enclosed) on the above noted subject. It has been observed that the instructions on checklist for processing cases relating to creation of posts broadly based on the lines prepared by Ministry of Finance are not strictly followed by the centrally funded Technical Institutions.

It is requested that all proposals for creation of posts may be accompanied by information as sought for in the check list (copy enclosed). The proposal may also invariably contain the approval of the Finance Committee/Governing Board.

(S. Mohan)
Director (Finance)
Tele: 23389247

- Copy to:
1. JS (T)
 2. JS (HE)
 3. All Divisional Heads (Tech.) The above instructions may be followed in respect of proposals involving creation of posts for newly created institutions also.
 4. Sr. PPS to Secretary (HE)
 5. PS to FA (HRD)
 6. IFD

DD/DOFA(D.F&D)/D(DPT)/D-Adm./R

17/11/08
DIRECTOR

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18/11/08

No.23-3/08-IFD
Government of India
Ministry of Human Resource Development
Department of Higher Education
(Integrated Finance Division)

New Delhi, dated the 8th May, 2008

To

All the Centrally funded Technical Institutes

Subject:- Checklist for processing cases relating to creation of posts.

The undersigned is directed to say that there is presently a ban on creation of new posts till further orders. Accordingly, all proposals for creation of posts require the approval of Ministry of Finance. However, powers for creation of Faculty and Non-Faculty posts in the centrally funded technical, management and scientific academic institutions like IITs, IIITs, IISc., NITs, IISERs, IIMs, NITIE, SPA, ISM, NITTR etc. have since been delegated to this Ministry subject to certain approved norms.

2. These norms, insofar as they relate creation of Faculty Posts specify:

- (a) a Faculty/Student ratio of 1:10 for IITs, IIMs, IISc, IISERs, NITIE, with flexible cadre structure
- (b) Faculty/Student ratio of 1:10 for SPAs with inter-se faculty ratio of 1:2:4 (Professors:Readers:Lecturers) and
- (c) Faculty/Student ratio of 1:12 for NITs, ISM, IIITs and other centrally funded technical institutions with inter-se faculty ratio of 1:2:4.

3. In respect of Non-Faculty posts, the norms specify a Faculty/Non-Faculty ratio of 1:1.1 for all institutions.

4. It has been observed that proposals received in this Ministry from various Institutions for creation of posts under the delegated powers very often are not accompanied by the required information which give rise to back references and delays.

5. To obviate such a situation, a comprehensive checklist has been devised taking into account the latest extant orders on the subject. It is requested that all proposals for creation of posts may be.

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accompanied by information as sought for in the checklist (copy enclosed). The proposals may also invariably contain the approval of the Finance Committee / Governing Board.

6. This issues with the approval of FA(HRD).

(S. Mohan)
Director (Finance)
Tele: 23389247

- Copy to:
1. JS(T)
 2. JS(HE) in continuation of JS & FA's noted dated 7-5-2008 for appropriate action in respect of central universities.
 3. All Divisional Heads (Tech.). The above may be followed in respect of proposals involving creation of posts for newly created institutions also.
 2. Sr.PPS to Secretary (HE)
 3. PS to FA (HRD)
 4. IFD

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Check-list of information / details to be furnished with cases for creation of posts

The Post

1. Name and designation of the post
2. Pay scale of the post
3. Teaching/Scientific/technical or administrative nature of the post
4. Functional justification (for each of the category separately)
5. How were the functions of the post being managed in the absence of its creation
6. Duties and responsibilities of the post (job description for each position)
7. Financial implications for creation of the post

The Organisation

1. Detailed sanctioned strength (category-wise) with pay scales
2. Detailed actual strength (category-wise)
3. Details of vacancies date-wise
4. Details of posts abolished in the last five years under various categories like (a) deemed abolition (b) 10% cut (c) SIU/IWSU study (d) ERC recommendations (e) DOPT OM dated 16-5-2001 on optimization of direct recruitment to civilian posts and (f) any other reasons such as periodic reviews, winding up etc.
5. Possibilities of re-deployment / outsourcing / hiring out of services
6. Matching savings (with specific posts, which are to be surrendered)
7. Additional information, specific to this proposal, if any
8. Total number of student strength – approved and actual intake course-wise (proposed student strength and intake during next 3 years; if available)
9. Approval and actual recommendations of FC/Board.

30 MAR 2019

No. 28/30/2004-P&PW (B)
Ministry of Personnel, Public Grievances and Pension
Department of Pension and Pensioners' Welfare

Lok Nayak Bhavan, Khan Market
New Delhi-110003

Dated, the 28th October, 2009

OFFICE MEMORANDUM

Subject: - Mobility of personnel amongst Central /State & Autonomous Bodies while working under Pensionable establishments - regarding.

The undersigned is directed to say that while introducing the New Pension Scheme from 1/1/2004, amendments to various existing rules including Rule 2 of the CCS (Pension) Rules, 1972 were made whereby these rules became inapplicable to those appointed to Central Govt. Services and posts from 1/1/2004. Also the new and changed position obtaining on mobility of personnel between Central Government departments; between Central and State Governments; and between Govt. departments and autonomous bodies on technical resignation from 1/1/2004 under these rules were clarified vide OM of even number dated 26/7/2005.

2. The position has been further reviewed by the Government of India and it has been decided to continue mobility of Govt. servants/Autonomous body employees appointed on or before 31.12.03 and who were governed under the old non-contributory Pension scheme of their respective Governments/organizations in order to provide for the continuance of Pensionary benefits based on combined service in accordance with the CCS (Pension) Rules, 1972 as under:-

- a. between the Central Govt. departments covered under CCS (Pension) Rules, 1972; and Railway Pension Rules, 1993 or other similar non-contributory pensionable establishments of Central Govt. covered by old Pension Rules other than CCS (Pension) Rules, 1972;
- b. between State and Central Govt provided the employees were appointed in the State Govt (s) on or before 31.12.2003 and covered under old pension scheme similar to CCS (Pension) Rules, 1972;
- c. the pre-existing arrangement of mobility between State/Central Autonomous Body to Central/State Govt. and between autonomous bodies that were governed by old pension schemes in force upto 31/12/2003 vide No 28/10/84-P&PW dated 7/2/1986 and OM. No 28/10/84-Pension unit dated 29/8/1984 stand restored although those under CPF etc. will not be allowed entry into the old pension scheme on appointments from 1/1/2004.

3. These instructions modify/supersede provisions in the OM of even number dated 26/7/2005 to the extent as indicated above and take effect from 1.1.2004.

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4. This issues with the concurrence of Department of Expenditure vide their UO No. 335/EV/2009 dt 5/10/2009 and in consultation with C&AG vide their U.O. No.93-audit (Rules)/28-2009 dated 09-10-2009.

(Raj Singh)
Director

To

1. All Central Govt. Ministries/ Departments.
2. Chief Secretaries of all State Governments/UTs
3. Accountant Generals in the States and UTs
4. Department of Expenditure, Ministry of Finance, North Block, New Delhi
5. C&AG, Bahadur Shah Zafar Marg, New Delhi.
6. Ministry of Railways, Railway Board, for information, New Delhi.
7. Department of Financial Services, Jeevan Deep Building, Parliament Street, N.Delhi
8. CGA, Department of Expenditure, 7th Floor, Lok Nayak Bhawan, Khan Market, New Delhi.
9. NIC for posting on the website of this department pensionersportal.gov.in .


(Raj Singh)
Director

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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
Budget - Estimate for Normal & OBC Plan Grant
for the Financial Year 2010-11

(Rs. in lacs)

S. No.	Programme	Normal Plan Grant BE 2010-11	OBC Plan Grant BE 2010-11
1	Development of Laboratory Infrastructure	700.00	380.00
2	Library (Books & Journals), Computing, Networking and Multimedia facilities	450.00	650.00
3	Building and Works	4796.90	8799.28
4	Recurring Expenditure due to increase in intake		2068.56
TOTAL		5946.90	11897.84
GRAND TOTAL (Normal Plan + OBC Plan)		17844.74	


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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Budget - Estimate for Plan Grant
for the Financial Year 2010-11 (Normal Grant)

(Rs. in lacs)

S. No.	Programme	Funds Required-NA
1 (a)	Laboratory Infrastructure for Departments/ Centres	
	*Analytical Equipment/ Instruments for 03 Centres of Excellence	50.00
	*Academic Departments/ Centres	250.00
	*Central Facilities	
	IIC	100.00
	Hospital	10.00
	National facility on Geochronology	10.00
	Educational Technology cell	5.00
	NMR facility upgradation	15.00
	Security	5.00
	EPABX	5.00
	IPR Cell	5.00
	Transportation	10.00
	Training Placement and Industrial Liaison	10.00
	Macromolecular Crystallographic Unit (A Multi Disciplinary Instrument)	10.00
	Student Amenities	90.00
	Sports	25.00
	Administration	10.00
1 (b)	Post Doctoral Fellowships (including Faculty Project grant)	50.00
1 (c)	Strengthening of Infrastructure (Class room, Audio Visual Aids etc.)	40.00
	Sub Total	700.00
2	Library Computing, Networking & Multimedia Facilities	
	a. Library : Subscription of Books, Print and e-journals in Science & Technology	150.00
	b. Computing, and Multimedia Facilities	100.00
	c. Office Automation	200.00
	Sub Total	450.00
3(a)	Building & Works - Ongoing Activities	
	(a) Multistoreyed Boys Hostel (Near Ganga Bhawan) by CPWD	100.00
	(b) Multistorey A Category Residences (54 Nos.) (Behind Hill View Apppts.)	1243.80
	(c) New Sub-Stations/HT & LT Cabling/Rewiring in Roorkee Campus	700.00
	(d) New Electric Substation to take care of enhanced load, Cabling & Panel etc. at SRE Campus	140.00
	(e) Multi Activity Centre Roorkee Campus (Rs. 2213.00 lacs)	1113.00
	Sub Total	3296.80
3(b)	Development of Greater Noida Extension Centre of IITR	
	(Activities convention centre, incubation centre, Guest House, Faculty Rooms): work in progress	1500.00
	Total [3(a) & (b)]	4796.80
	GRAND TOTAL	5946.80



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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Budget - Estimate for Plan Grant
for the Financial Year 2010-11 (OBC)

(Rs. in lacs)

S. No.	Programme	Funds Required-OBC
1	Laboratory Infrastructure for Departments/ Centres	
(a)	*Analytical Equipment/ Instruments for 03 Centres of Excellence	30.00
(b)	*Academic Departments/ Centres	100.00
(c)	*Central Facilities	
(d)	IIC	20.00
(e)	Hospital	10.00
(f)	Security	10.00
(g)	Transportation	10.00
(h)	Student Amenities (Mess Equipments for New Hostels etc.)	200.00
	Sub Total	380.00
2	Library Computing, Networking & Multimedia Facilities	
(a)	Library : Subscription of Books, Print and e-journals in Science & Technology	50.00
(b)	Computing, and Multimedia Facilities	100.00
(c)	Networking in New Hostels / Lecture Complex	300.00
(d)	Networking (Switches + Fibre laying in Roorkee + Saharanpur Campus)	200.00
	Sub Total	650.00
3	Building & Works	
	(A) On Going Works	
(a)	Construction of Lecturer Hall Complex	74.15
(b)	Construction of New Girls Hostel (801 seats) (Single Room: 329, Double Rooms: 236)	849.81
(c)	Construction of Multistoreyed A-category Residences (56 Nos.) Guest House	230.00
(d)	Construction of Biotech. Deptt. and Centres of Excellence	264.98
(e)	Parking in Academic and Administrative Bldg.	50.00
(f)	Toilets & other facilities for Physically disabled students in Departments / Centres	40.00
(g)	Additional cost for the old sanctioned works, Multistoreyed Boys Hostel, Biotechnology Deptt./Other Centres and Multistoreyed Category Residences	392.00
(h)	Extension of the Ghananand Pandey Hostel (80 Suites)	25.57
(i)	C' Category Residences (64 Nos.)	173.43
(j)	D' Category Residences (32 Nos.)	34.33
(k)	Extension of Govind Bhawan (84 Seats)	210.00
(l)	Construction of Lecture/Lab Block DPT Saharanpur	1833.58
(m)	Construction of First and Second Floor of Community Centre Rooms	9.68
(n)	Construction of Boys Hostel DPT Saharanpur (Phase-II)	146.69
(o)	OHT and Tube well / Pipe Line Saharanpur Campus	39.90
(p)	Tube well / Pipe Line Roorkee Campus	50.00
	Sub Total	4424.12
	(B) New Proposed Works	
(a)	Furniture for New Hostel (Room and Messes)	190.00
(b)	Furniture and Audio Visual Equipment for Lecture Complex	270.00
(c)	Solar Water Heating and Lighting System of New Buildings being constructed	382.00
(d)	Electric Substation and DG Sets in New Buildings being constructed by NBCC	594.75
(e)	Electric Substation Building Saharanpur Campus	34.23
(f)	Dining Hall Trainee Officers Hostel & C.E.C.	42.32
(g)	Fencing of New Boys Hostel Saharanpur Campus	8.43
(h)	Toilet Block and Connecting Passage in Met. & Mat. / Chemical Workshop	9.94
(i)	Ground Water Recharge & Drainage System Roorkee Campus (Rs. 961.57 lacs)	661.57
(j)	Ground Water Recharge & Drainage System Saharanpur Campus (Rs. 276.09 lacs)	176.09
(k)	Sewerage System and STP Roorkee Campus (Rs. 2323.00 lacs)	1623.00
(l)	Sewerage System and STP Saharanpur Campus (Rs. 482.83 lacs)	382.83
	Sub Total	4375.16
4	Recurring Expenditure due to increase in intake	2068.56
	TOTAL	11897.84

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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
BUDGET ESTIMATES
Non Plan Grant 2010-11

		Rupees in lacs
S. No.	Programme	Budget estimates for the Financial Year 2010-11
1	Establishment	
	(i) Pay & Allowances*	9152.00
	(ii) Pension & Gratuity*	2816.00
	(iii) Medical Expenses, Security Services, Mess Staff, LTC etc.	700.00
	(iv) Telephones, Repairs of Office Equipment, Uniforms & Liveries, Legal Expenses, Faculty Perks, Hospitality, Transport, Contingencies etc.	850.00
	Sub Total	13518.00
2	Academic & Educational	
	(i) Department Operating Cost	550.00
	(ii) Scholarships	2500.00
	(iii) Research Projects, Students Amenities, SC/ST students fee, Examinations, Participation in National / International Conferences, Publications, Convocation	275.00
	(iv) Computer Support Services, National Facilities, AMC for sophisticated instruments.	220.00
	Sub Total	3545.00
3	Estate Maintenance	
	(i) Maintenance	
	• Civil maintenance including Horticulture and Sanitation	660.00
	• Electric and Water Supply Maintenance	220.00
	(ii) Electricity and Fuel	770.00
	Sub Total	1650.00
	Grand Total	18713.00

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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
BUDGET ESTIMATES FOR NON-PLAN GRANT FOR FINANCIAL YEAR 2010-11

(Rs. in lacs)

S.No	A/c head	Grant No.	BE- 2010-11
1	Pay & Allowances	MHR02-11-208	9152.00
2	OTA & Honorarium	MHR02-12-200	3.00
3	Travelling Allowance	MHR02-13-200	100.00
4	LTC	MHR02-14-200	100.00
5	Children Education Allowance	MHR02-15-208	50.00
6	Fund Contribution	MHR02-16-208	2.50
7	Pension & Gratuity	MHR02-17-208	2816.00
8	Security & Other Agencies	MHR02-19-210	145.00
9	Mess Subsidy	MHR02-31-204	135.00
10	Medical	MHR02-20-212	300.00
11	HRD	MHR02-21-200	5.00
12	Membership Fee	MHR02-37-220	2.50
13	Transfer to IPT	MHR02-69-116	515.00
14	Advertisement	MHR02-56-220	35.00
15	PARLIMENTARYCOMM	MHR02-66-200	2.00
16	Transport /Vehicle Maintenance & Opt	MHR02-47-214	8.00
17	Legal Expenses	MHR02-48-220	4.00
18	Postage & Telegram	MHR02-49-220	4.00
19	Uniform & Liveries	MHR02-50-220	10.00
20	Entertainment	MHR02-51-207	4.00
21	Audit Expenses	MHR02-53-208	10.00
22	Telephones	MHR02-54-215	35.00
23	Contingencies	MHR02-45-200	50.00
24	Staff Welfare - Faculty Perks	MHR02-46-200	30.00
	SUB TOTAL		13518.00
25	Short Term Academic Visits	MHR02-39-200	4.00
26	Library	MHR02-24-119	25.00
27	Convocation & Other Functions	MHR02-38-224	15.00
28	HINDI CELL	MHR02-60-200	6.00
29	Publication	MHR02-36-223	12.00
30	Printing & Stationery	MHR02-55-220	22.00
31	Guest House	MHR02-52-211	6.00
32	Training & Placement	MHR02-27-205	15.00
33	Prizes & Medals	MHR02-25-221	4.00
34	Research Project Assistance	MHR02-26-200	3.00
35	Study Tour	MHR02-28-200	12.00
36	Student Amenities (Including NCC)	MHR02-29-204	15.00
37	SC/ST Student Fee	MHR02-30-204	35.00
38	PG Examinations	MHR02-62-227	50.00
39	UG EXAMINATION	MHR02-61-221	25.00
40	Preparatory Course	MHR02-59-200	3.00
41	National Conference/Symposium	MHR02-33-200	25.00
42	International Conference/Symposia	MHR02-34-200	50.00
43	Seminar/Symposium (In House)	MHR02-35-200	25.00
44	Department Operating Cost	MHR02-22-XXX	550.00
45	FIG	MHR04-XX-XXX	3.00
46	Assistantship/Fellowship	MHR02-23-200	2400.00
47	Computerization & Computer Support	MHR02-40-208	70.00
48	National Facilities	MHR02-41-XXX	70.00
49	AMC for Sophisticated Instruments	MHR02-65-200	100.00
	SUB TOTAL		3545.00
50	Estate Maintenance	MHR02-42-202	620.00
51	Electric and Water Supply Maintenance	MHR02-43-202	220.00
52	Power & Fuel	MHR02-63-202	770.00
53	Property Tax	MHR02-44-202	5.00
54	Repair & Maintenance of Equipment	MHR02-57-200	10.00
55	Repair & Maintenance of Furniture	MHR02-58-202	25.00
	SUB TOTAL		1650.00
	GRAND TOTAL		18,713.00

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Note:- To be typed on Non-Judicial Stamp paper worth Rs. 100/-

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

THIS DEED of agreement is executed between _____ son of _____ employed as _____ in the _____ Department of the Indian Institute of Technology Roorkee, hereinafter called "the Executant" and the Indian Institute of Technology Roorkee, hereinafter called "the Institute".

WHEREAS the Executant has obtained an assignment as _____ at _____

And whereas on the request of the Executant, the Institute has agreed to grant him Extra Ordinary Leave (within-India) for a period of _____ with effect from _____ to _____ on the condition that no extension of the said leave shall be permissible, 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 following the date on which the said leave expires, **except in case of force majeure arising out of extraordinary situations such as natural calamities, accidents, flight delays, terrorist action, sudden illness, etc., to be considered and decided by the Board of Governors.** In case the Executant wishes to seek voluntary retirement, he shall have to rejoin duties at the Institute and thereafter give three months notice as per the requirements of the Government of India Rules for voluntary retirement, and meet any other requirements that are extant in the Institute at the time of seeking voluntary requirement.

The Executant further agrees that in the event of his retaining the residence allotted to him on licence, in the campus of the Institute during the period of leave for the maximum permissible period of one year, 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 residence provided to him 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. The maximum period for such retention shall not be more than one year from the date of relief. Beyond this period the executant will be declared an unauthorized occupant & shall be liable to pay penal licence fee as per the House Allotment Rules of the Institute.

The Executant further agrees that he will not leave Roorkee till a letter of clearance is issued to him by the Establishment 'A' Section of the Institute, following which a letter relieving him of his duties has to be obtained by him from his Head of the Department. Both of these requirements are a pre-requisite for leaving Roorkee, failing which the Executant will be treated as being absent from duty without proper authority.

The Executant, named above, does hereby declares 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.

Contd....2

30 MAR 2010

In witness where-of the Executant and the Institute named above have set and subscribed their hands in the presence of the witnesses, named below, at Roorkee.

Signature _____
Name: _____
Designation of Staff Member: _____
Department _____
E.C. No. : _____
Date: _____

Executant

1. Witness -1

Signature _____
Name: _____
Designation : _____
Department: _____
E.C. No.: _____
Place: Roorkee
Date: _____

2. Witness -2

Signature _____
Name: _____
Designation : _____
Department: _____
E.C. No.: _____
Place: Roorkee
Date: _____

Signature _____
Name: _____
Designation: Registrar
Seal: _____
E.C. No.: _____
Date: _____

For and on behalf of the Institute.

Witness-1

Signature _____
Name: _____
Designation : _____
Department: _____
E.C.No.: _____
Place: Roorkee
Date: _____

Witness-2

Signature _____
Name: _____
Designation: _____
Department: _____
E.C.No.: _____
Place: Roorkee
Date: _____

30 MAR 2010

Establishment of a Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre

OBJECTIVE

1. A Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre will be established at IIT Roorkee, to provide a forum for an umbrella of activities related to technology Incubation and entrepreneurship development. The objectives of TIEDA are as follows:

- (a) To undertake technology incubation for transforming ideas to prototype and then, to product.
- (b) To promote entrepreneurship by providing space and infrastructural facilities to start-up companies.
- (c) To undertake market research for assessing commercial potential and develop business plans.
- (d) To provide knowledge resources required for entrepreneurship development and technology incubation.
- (e) To undertake development of products/technology from frontier areas of knowledge through mission mode projects.
- (f) To promote all such activities contributing to the ambience of entrepreneurship development and technology incubation.

TIEDA will encourage the students, the alumni and the faculty members of the institute to convert their ideas and concepts to products and technologies for their viable commercialisation through start-up companies. The Centre will primarily shelter and support the ideas with a clear planning for taking off from the centre within three years.

BENEFITS

The scientific and engineering research is increasingly valued for its potential benefits for the society. There is, thus a need for pursuing technology transfer and business incubation in institute of higher education to harness their path breaking research. An immediate establishment of such facility in this institute shall provide an impetus to its R&D activities and take these activities to their logical end by deriving the benefits for the society.

The centre at IIT Roorkee will harness the creative spirit of the students, teachers and alumni for innovating new products and technologies and channelize it to promote start-ups under these innovators. The centre will guide these entrepreneurs towards developing prototypes, if necessary, by undertaking market study, evolving suitable business plan, accessing finance and launching the products and technologies under the guidance of a battery of experts drawn from the faculty of the institute and outside. The centre will provide the office and work space required for the above purposes and access to institute infrastructure at nominal charge under specified terms and conditions for a limited period before the start-up is in a position to move outside. The centre will also bring in the agencies of the Govt. working towards the same objective and channelize their support to start-ups under the specified terms and conditions. Thus the centre will be a single window of the institute to nurture the

entrepreneurs and their start-ups from infancy for a limited period, adequate for their take-off outside. This will help to create new industries based on innovation of new products and technologies, which, because of their novelty, will enable the country to compete at the frontiers of cutting edge technologies. This facility may also open more career options including entrepreneurship for the students.

FACILITIES TO BE PROVIDED

IIT Roorkee will provide TIEDA a furnished building covering a space of about 6000 sq.ft in its main campus at Roorkee and about 3000 sq.ft. at its extension campus at Greater Noida. TIEDA will provide office and working space of about 350 sq. ft to each incubating start-up company apart from access to specialised laboratory and library facilities, advice on accounting and management structure, utility services and access to faculty experts.

TECHNOLOGY AND BUSINESS INCUBATION ACTIVITIES

TIEDA will consider proposals to incubate about ten companies in a period of four years by providing expert services on the following aspects:

- (a) **Assessment of techno-commercial viability of proposals and resource planning:** To assist in assessment of techno-commercial viability of proposals using the faculty expertise available in the Institute as well as by involving professionals from outside on case to case basis.
- (b) **Preparation of business plans:** To help the start-up companies to develop business plans including resource planning through interaction with the existing in house expertise as well as by involving professionals from outside on case to case basis.
- (c) **Prototype development:** To set-up facilities for prototype development at the centre and help the incubators to access institute expertise through faculty mentors and facilities as existing in the institute under applicable rules of the institute.
- (d) **Technopreneur Development:** To encourage and promote techno-entrepreneurs under its own programme or outside sponsored programmes like the Techno-entrepreneur Promotion Programme (TePP), Outreach Centre (TUC) etc.
- (e) **Mentoring and advisory services:** To extend mentoring and advisory services through the faculty experts available in the institute (this may also be through the consultancy mode) as well as from outside, following the prevalent policy in this regard.
- (f) **IPR and legal advice:** Handling of IPR related matters as per the IPR policy of IIT Roorkee and the facilities available.
- (g) **Technology and business incubation:** To extend the facilities available for technology and business incubation to start-up companies for a stipulated time to enable them to grow and take off as successful entrepreneurs.
- (h) **Assisting in mobilising finances through financial institutions / venture capitalists/ Angel Investors:** To develop network with financial institutions, venture capitalists and angel investors in order to assist the start-up companies for accessing resources for the development and growth of start-up companies.
- (i) **Skill development programs for managing business:** By organizing targeted programmes for the development of required skills in the prospective entrepreneurs.
- (j) **Assisting in market research:** To assist in carrying out market research to assess the commercial potential and devise a strategy for marketing of the products incubated.

BUSINESS INCUBATION ACTIVITY

The Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre shall start with an initial provision for 10 companies under the following administrative structure. Each company may be provided with 350 sq. ft. of space with a small glass enclosure for office space. The office may have the requisite furniture, communication and other facilities. The outside space may have the working table and stools/ chairs as required. In an additional space of about 2500 sq.ft., there may be a central workshop and a computation room having a central server from where the software required for incubation may be accessed through network from the working space, if required. The Central Library shall be the knowledge centre for TIEDA, which could be used to get access to patents and other literature relevant for the incubation activity. The books as well as the data base and literature related to patents may be purchased in the Central Library/IPR Cell and may be issued on loan to TIEDA.

The business incubation at TIEDA, IIT Roorkee shall be based on the following broad terms:

- (a) Selection of the proposal for technology incubation and entrepreneurship development by the apex advisory committee through an appropriate screening process.
- (b) To offer the selected business plans the facility for incubation, initially up to 24 months.
- (c) An extension upto 12 months beyond 24 months may be allowed to the deserving start-up companies.
- (d) To charge a nominal amount for the facilities (a fraction of the market rate) for the office space, office infrastructure, institute facilities such as laboratories, workshops etc. and the incubation facility during the initial 24 months and an appropriately enhanced amount for the extended period of subsequent stay.
- (e) A shell company (start-up) will be registered under section 25 by TIEDA and authorized for holding equity in the incubated companies.

DELIVERABLES

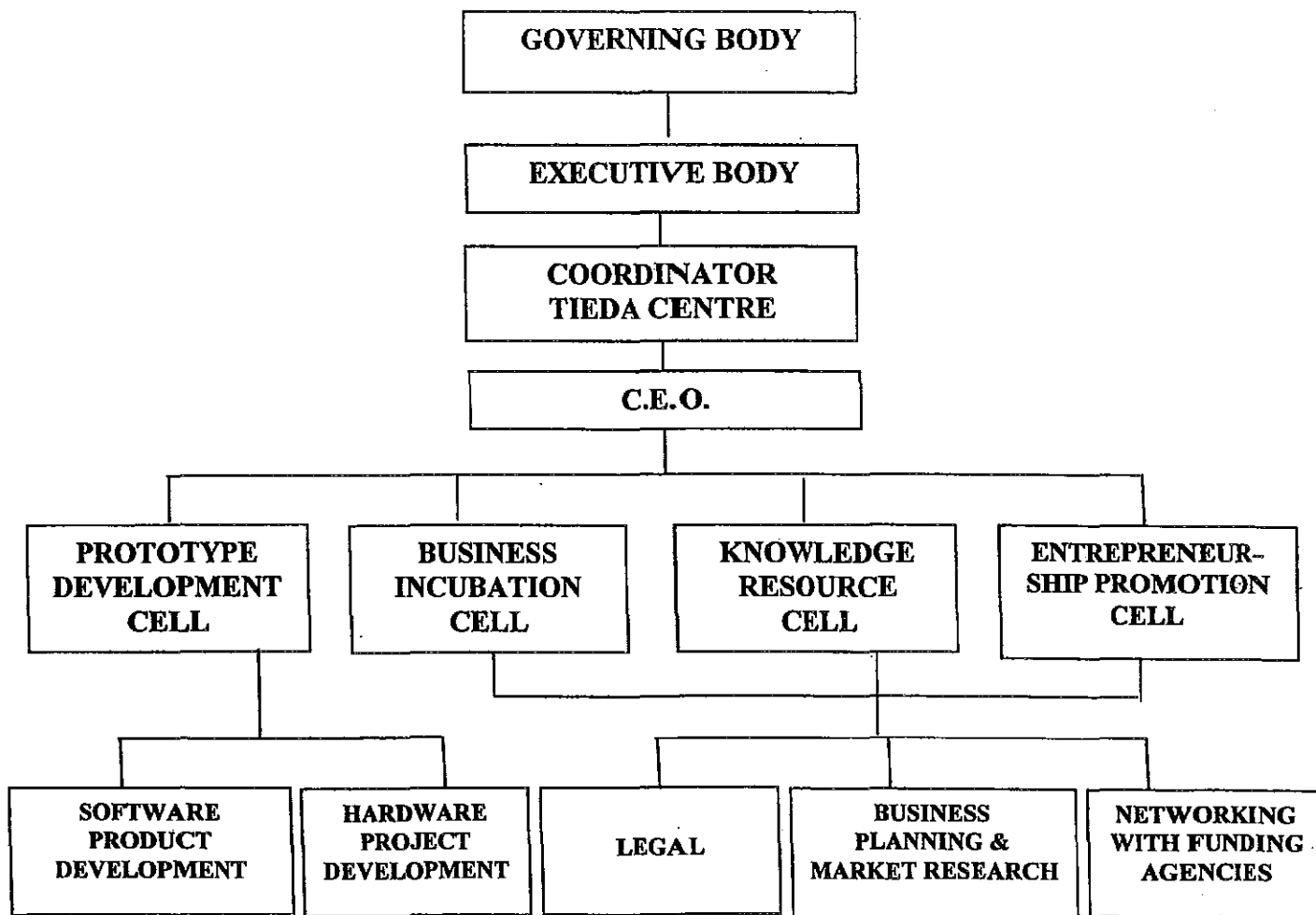
- (a) Visible impact through nurturing high tech, high growth, innovative ventures as part of incubation program
- (b) Support ventures that have the potential to create IP and products
- (c) Attract seed funding to potential and deserving ventures
- (d) Extend advanced concepts and facilities of incubation to attract ventures
- (e) Encourage potential entrepreneurs and enable them to start new ventures.



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ORGANIZATIONAL STRUCTURE OF THE TIEDA

The Technology Incubation and Entrepreneurship Development Activity (TIEDA) Centre shall be governed by the following structure:



Each Cell will have a Cell Manager, under whom the activities of the cell will be carried out under the leadership of an activity leader for each activity. For the incubation activity for a start-up company there will be an advisory team with the faculty mentor as the chairman, drawing up all the required technical expertise, normally from the Institute. For a start-up company, accepted for incubation by the apex advisory committee, the Prototype Development Cell will develop the prototype and the business incubation Cell will assist in preparing the business plan and help in networking with the financial resource providers. All staff of TIEDA will be on contract on fixed emoluments.

[Signature]
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The Governing Body: It will work under the Chairmanship of the Director and stipulate the governing policies of the activity. The Governing Body will be constituted as under:

- (a) Director Chairman
- (b) Deputy Director,
- (c) Dean SRIC
- (d) Dean Finance & Planning
- (e) Coordinator, TIEDA Centre
- (f) Prof.-in-charge Greater Noida Centre Campus
- (g) Coordinator, IPR Cell
- (h) Coordinator, TUC (IITR), DSIR.
- (i) One faculty member each from management and finance discipline.*
- (j) Three faculty members from other engineering technology and science disciplines.*
- (k) Experts from industries (as per requirements) to be invited by Chairman
- (l) The Chief Executive Officer, TIEDA, Member Secretary
- (m) Two faculty mentors*

The Executive Body: It will carry out the evaluation of proposals and monitoring of projects. All executive functions for every proposal for start-up companies or any required financial support will be examined by the company and be submitted for the approval of the Director. The Executive Body will

- (a) Dean SRIC Chairman
- (b) Dean Finance & Planning
- (c) Coordinator, IPR Cell
- (d) One faculty member from the finance discipline
- (e) Prof.-in-charge Greater Noida Centre Campus
- (f) Coordinator, TIEDA Centre
- (g) Coordinator TUC (IITR), DSIR
- (h) The Chief Executive Officer, TIEDA, Member Secretary
- (i) Two faculty mentors*

* [To be nominated by the Director for a term of 2 years]


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All the proposals for incubation and for setting up start-up companies will be received by the Faculty-In-Charge in a prescribed format and placed before the Governing Body, which may, if necessary, appoint a subcommittee with the requisite expertise for technical and commercial evaluation of the proposal and accept it based on the recommendations of the subcommittee. The Governing Body or its subcommittee may ask the proposer to present the proposal before it, in a prescribed format of presentation.

Once the proposal is accepted, Faculty-in-Charge will hand it over to the CEO for its implementation according to the policies laid out for this purpose. The CEO will be responsible for allotting the different components of work to the respective cells and work out the milestones and the time schedule in a joint meeting of Cell managers and activity leaders with the advisory committee, chaired by the faculty mentor. The CEO will be responsible for monitoring the progress of each proposal undertaken, and will report to the faculty-in-charge, who will report the progress to the Governing Body every six months and suggest additional measures to ensure timely progress, if required. The cell managers will plan and execute the work through activity leaders.

Prototype development activity will have the necessary basic infrastructure for developing products and technologies as required. They may access the Institute facilities for this purpose as available under sponsored research and consultancy activities. Some work may be outsourced as required, with the permission of the competent authority.

The legal cell will help the start-up companies in outlining policies of appointment and with IPR issues apart from other requirements. Business Planning and market research cell may undertake to develop a business plan for the start-up company and help it with market research. It will also promote activities for networking the start-up companies and the financial institutions, which may provide the capital needed during incubation and take-off from TIEDA.

The knowledge resource cell will provide on-line/off-line access to patent literature, technical literature, and legal literature as necessary for the purposes of TIEDA.


The Entrepreneurship promotion cell will conduct regular meetings and other activities to promote interaction between students, teachers, alumni, entrepreneurs, Angel investors, Venture capitalists and potential individual investors in order to create an ambience of entrepreneurship. This cell will also try to identify the research strength of the Institute along with collateral strength in similar other Institute for synergising them to develop mission technologies, which could be supported by raising funds from individual and alumni contributions for such activity, which should be potentially so important as to contribute to industrial pre-eminence of this country. Once such projects and funding has been identified, the proposal may be sent by the Cell Manager to the CEO for placing it before the Governing Body for approval.


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TIEDA: FINANCIAL IMPLICATIONS

Cost Head	Contribution of 4 years (Rs. in lakhs)		Contribution Per Year (Rs. in lakhs)										TOTAL Budget of TIEDA (Rs. in lakhs)
	DIT	MSME	TePP					IIT Roorkee					
			I st Yr.	II nd Yr.	III rd Yr.	IV th Yr.	Total of 4 years	I st Yr.	II nd Yr.	III rd Yr.	IV th Yr.	Total of 4 years	
A. CAPITAL COST													
i.) Built-up space for TIEDA centre	-	-	-	-	-	-	-	3000 Sq. Ft in Roorkee	3000 Sq. Ft in Greater Noida	3000 Sq. Ft in Roorkee	-	-	-
ii.) Infrastructure Equipment / furniture / reprographic facilities etc.)	-	-	-	-	-	-	-	17.00	10.00	6.00	-	33.00	33.00
B. RECURRING COST													
i.) Salaries of full time staff	-	-	-	-	-	-	-	10.08	24.24	30.24	36.24	100.80	100.80
ii.) Honorarium for Coordinator/facilitator/experts for screening	From Start ups	From Start ups	3.00	3.00	3.00	3.00	12.00	-	-	-	-	-	12.00
iii.) Infrastructure Upgradation	28.00	2.50	-	-	-	-	-	-	-	-	-	-	30.50
iv.) Communication/ Advertisement & Publication	-	-	1.00	1.00	1.00	1.00	4.00	1.50	1.50	1.50	1.50	6.00	10.00
v.) Electricity /water etc.	2.00	-	-	-	-	-	-	1.00	1.00	2.00	2.00	6.00	8.00
vi.) Others (Office expenses/Administrative /Contingencies/honorarium for proposal Screening)	-	0.22	1.00	1.00	1.00	1.00	4.00	1.00	2.00	2.00	2.00	7.00	11.22
vii.) Exhibition/ workshop/ symposium/orientation/training /Travel (local)	-	1.28	2.00	2.00	2.00	2.00	8.00	1.50	2.00	2.50	2.00	8.00	17.28
viii.) Financial Support to Incubating Companies	125.00 for 5 start ups	62.50 for ten start ups	-	-	-	-	-	-	-	-	-	-	187.5
Institute Overhead	-	-	1.00	1.00	1.00	1.00	4.00	-	-	-	-	-	4.00
TOTAL of A&B	155.00	66.50	8.00	8.00	8.00	8.00	32.00	32.08	40.74	44.24	43.74	160.80	414.3

Summary : Support by outside agencies (DIT, MSME, & TePP) : 253.50 lakhs
 Financial commitment of IIT Roorkee : 160.80 lakhs


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**BREAKUP OF THE BUDGET ON SALARIES OF FULL TIME STAFF TO BE SUPPORTED BY IIT
ROORKEE**

PROPOSED SALARY FOR THE STAFF

CEO	:	70,000/= p.m.
Manager	:	50,000/= p.m.
Ministerial Staff	:	
Roorkee	:	8,000/= p.m.
GNC	:	10,000/= p.m.
Unskilled Staff	:	
Roorkee	:	6,000/= p.m.
GNC	:	8,000/= p.m.

Duration	Position								Staff Cost Rs. in lacks
	CEO		Manager		Ministerial Staff		Unskilled staff		
	Roorkee	GNC	Roorkee	GNC	Roorkee	GNC	Roorkee	GNC	
I st year	1	-	-	-	1	-	1	-	10.08
II nd Year	1	-	1	1	1	1	1	1	24.24
III rd Year	1	-	2	1	1	1	1	1	30.24
IV th Year	1	-	3	1	1	1	1	1	36.24
TOTAL COST									100.8

GNC: Greater NOIDA Campus



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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

TECHNOLOGY AND BUSINESS INCUBATION POLICY

The technology and business incubation policy of Indian Institute of Technology Roorkee (IITR) is to encourage and support the students, faculty members and alumni of the Institute to convert their ideas and concepts to technologies and products for viable commercialisation by promoting incubation and start-up ventures. The policy shall primarily provide for the shelter and support to the ideas culminating in start-up ventures with a clear planning for taking off from the Institute after being nurtured through the following provisions of policy.

1. The institute may, through an appropriate mechanism, provide necessary office and working space required for incubation and setting up start-up companies under terms and conditions as specified from time to time.
2. The institute may provide access to laboratory and library facilities through faculty mentors, as considered necessary and permitted by the institute for incubation activity.
3. The institute may advice for accounting and administrative functions for the business activity of the start-up companies till these are allowed to reside within the institute.
4. The institute may consider extending all such facilities as required for incubation and for nurturing start-up companies in the interest of promoting entrepreneurship amongst its students, faculty and alumni.
5. The institute may set-up an executive body for promoting entrepreneurship under the overall supervision of a Governing body with the aim to provide the following facilities and services for incubation and nurturing start-up ventures.
 - a. Assessment of techno-commercial viability of proposals and resource planning
 - b. Preparation of business plan
 - c. Prototype development


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- d. Mentoring and advisory services
 - e. IPR and legal advise
 - f. Technology and business incubation
 - g. Facilitate mobilising finances through financial institutions / venture capitalists/ Angel Investors
 - h. Skill development programs for managing business
 - i. Helping in market research
6. The institute may authorize the aforesaid body to carry out the following tasks on its behalf.
- Selection of the proposal for technology incubation through a transparent screening process on the basis of defined criteria, for approval of the Director.
 - Offer the facility as outlined under sections 1 to 4 above for a period allowed by the Governing body. However, the total period of residence of a start-up company shall not exceed 36 months.
 - Institute shall charge prescribed amount(s) for providing various facilities as outlined under section 1 to 4 above.
7. The institute may devise a suitable mechanism for holding equity in the start-up companies. The Governing body shall decide the quantum of equity in individual cases.



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Indian Institute of Technology Roorkee

Faculty Entrepreneurship Policy

The Indian Institute of Technology Roorkee with its glorious past as University of Roorkee is well known for its mission and commitment to contribute in various contemporary endeavors of research in science and technology. The students, researchers and faculty members at IIT Roorkee are always dedicated to knowledge generation in several areas of cutting edge science and technology and dissemination. However, most of the outcomes of R&D activities end in research publications and do not get translated into IPR and commercial products, benefiting the society in general. Amongst many factors, absence of a clear-cut institute policy in this area is also a contributing factor. To provide motivation and opportunity in commercializing new and futuristic technologies and facilitate the entrepreneurial practice, IIT Roorkee encourages the interested faculty members to open companies, be on the board of such companies in the capacity of a Director, Chairman or any such role. It is expected that the faculty members entering under this system will make all efforts to balance their academic responsibilities while assuming the above role.

This document proposes the following mechanisms for running companies maturing from technology start-ups based on IPR owned/co-owned by the faculty, and/or mentored by the faculty during the development of prototype of start-up company.

1. IIT Roorkee, hereafter referred as the institute, encourages and prioritizes the faculty participation in companies in the following order.
 - (a) Companies jointly owned by the faculty members, research scholars and graduating students/alumni (along with possibly others) created under the policy of IPR licensing or profit sharing by the Institute
 - (b) Companies owned by faculty members (one or many) along with possibly others, either to be incubated or already incubated in IITR by a start-up company,


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In all such cases, the faculty members, research scholars and students involved will be known as founding members of the board of the company. Herein after a company shall mean the kinds referred to this section.

2. If a faculty member is a owner or co-owner of such companies with the permission of the institute and be a Director on the Board, he may also play an operational role (Technical Advisor, CEO, Marketing Manager etc) with the approval of the institute under one of the following options:
 - (i) Take sabbatical or any other leave following institute rules and work full-time in the company.
 - (ii) Dedicate part or all of the permissible consultancy efforts to the company provided it does not adversely affect the responsibilities of teaching, research and other duties assigned by the institute.
3. A student or research scholar, who is a co-owner alongwith one or more faculty members of such companies, may also assume other operational responsibilities in the company provided his/her academic responsibilities are not affected adversely.
4. Faculty members may undertake projects from the company owned by a faculty member / student that could be conducted at the institute following the prevailing institute norms of consultancy projects.
5. The IP rights for the technology developed by the company and faculty as per clause 4 above shall be held jointly by the company, the faculty concerned and IIT Roorkee as per the IPR Policy of IITR,
6. If a company is owned or co-owned by a faculty member, it will be permitted to use the laboratory, library and other such facilities on payment for consumables and other contingency expenditures only. In lieu of this, a liability free equity shall be retained by a company/society authorized by the institute as outlined later in this document.
7. If a company is owned or co-owned by a faculty member, its use of laboratory and institute facilities will be subject to availability. However, in this regard the


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priority will always be given to academic programmes of IIT ROORKEE.

8. The institute and the faculty/scholars/students involved in R&D will share IP rights for any patents/copyrights etc. filed by the company following the institute IPR Policy. However, the company will retain the right of first use under an agreement signed by the involved faculty member(s), scholar(s) and student(s).
9. The usage of space and facilities of IIT Roorkee or any of its notified Technology Incubation and Entrepreneurship Development establishment by a company established by faculty will be governed by the norms of IITR, including the provisions of payment.
10. Financial and non-financial disclosure agreement will be signed by the faculty and the company as per the existing institute norms.
11. Support from other faculty members of the institute during and after the incubation period would be treated under the institute's consultancy norms.
12. Any support received' from students for the start-up company owned or co-owned by the faculty would be as per the existing guidelines of the institute.
13. A company owned or co-owned by a faculty member will have its own source of funding and accounting procedures in line with the existing industry norms. Institute may also provide loans/funding to such companies under different Government sponsored schemes available for this purpose following the policy of the institute or from such other institute fund created for this purpose.
14. A company owned or co-owned by a faculty member will normally be required to **incubate at the institute**. However, in the exceptional cases, where faculty wants to incubate outside institute, a sufficient justification has to be provided, for the approval of the institute.
15. For the incubation of the Company owned or co-owned by a faculty member, evaluation will be as per the incubation policy of the institute. Upon approval, the institute shall exercise its discretion on:
 - (a) A liability free equity of 10 % in the company for a period of ten years to be given to the company/society so designated by the institute. Against this equity, the institute shall permit the use of IP developed within IITR by the founding faculty members and students.



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- (b) Equity against incubation will be as per Incubation Policy of the institute, if the Faculty Company is incubated at IITR.
- (c) In case the institute provides loan/ funding to the company from different Government agencies, the applicable rules of the funding agency and the policy of the institute will govern its terms and conditions including those for its repayment/additional equity holding.

The money (in the form of honorarium, salary or consultancy) paid by the institute to the founding faculty member of a company will be counted entirely towards income of the involved faculty member during the incubation period.

In situations to which the objectivity of a faculty member could reasonably be questioned, the Director may establish a committee to take steps including (but not limited to) the following:

- (a) To review the appropriateness of the proposed activities to be conducted at IIT ROORKEE and to oversee the conduct of the activity of the faculty company.
- (b) The faculty may appeal to the Board of Governors of the institute for a review of the decision of the committee. The decision of the Board, in this regard, would be final and binding on all parties.


30 MAR 2010

No.F.3-1/2009-U.I
Government of India
Ministry of Human Resource Development
(Department of Higher Education)

New Delhi, the 4th June, 2009

To

The Secretary,
University Grants Commission,
Bahadur Shah Zafar Marg,
New Delhi 110002.

(Kind Attn: Dr.R.K. Chauhan, Secretary)

Subject: Scheme of revision of pay of teachers and equivalent cadres in universities and colleges and as also for the posts of Registrar, Deputy Registrar, etc.

Sir,

I am directed to invite your attention to this Ministry's letter No.1-32/2006-U.II/U.I(i) and No.1-32/2006-U.II/U.I(ii), dated the 31st December, 2008 as also your D.O.letter No. F.1-2/2009 (EC) dated the 27th January, 2009, on the above subject and to forward herewith authenticated Fitment Tables (Table No.1 to 9) for fixation of pay of the existing incumbents, who were in position as on 1.1.2006, in various categories of posts as indicated in the Tables, for appropriate action at your end.

Yours faithfully,


[R. Chakravarty]

Deputy Secretary to the Government of India



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TABLE - 1

(i) Incumbent Assistant Professor

(ii) Incumbent Assistant Librarian / College Librarian

(iii) Incumbent Asst. Director of Phy. Edu./ College Director of Physical Education.

Pre-revised scale Rs. 8000-275-13500 (Group A entry)		Revised Pay Band + AGP Rs. 15800-39100+ AGP 6000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Academic Grade Pay	Revised Basic Pay
8000	15800	6000	21800
8275	15800	6000	21800
8550	15910	6000	21910
8825	16420	6000	22420
9100	16930	6000	22930
9375	17440	6000	23440
9650	17950	6000	23950
9925	18470	6000	24470
10200	18980	6000	24980
10475	19490	6000	25490
10750	20000	6000	26000
11025	20510	6000	26510
11500	21020	6000	27020
11575	21530	6000	27530
11850	22040	6000	28040
12125	22550	6000	28550
12400	23060	6000	29060
12675	23570	6000	29570
12950	24080	6000	30080
13225	24590	6000	30590
13500	25100	6000	31100
13775	25610	6000	31610
14050	26120	6000	32120
14325	26630	6000	32630


 (Mr. Mohan R. MOHAN)
 Director (Fin.) / Director (Fin.)
 Mr. R. Mohan / Mr. of H. R. D.
 Higher Education
 Deptt. of Higher Education
 New Delhi



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TABLE - 2

- (i) Incumbent Assistant Professor [Formerly Lecturer (Sr. Scale)]
 (ii) Incumbent Assistant Librarian (Sr. Scale)/ College Librarian (Sr. Scale)
 (iii) Incumbent Asst. Director of Physical Edu. (Sr. Scale)/ College DPE (Sr. Scale)

Pre-revised scale Rs. 10000-125-15200		Revised Pay Band + AGP Rs. 15500-30100+ AGP 7000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Academic Grade Pay	Revised Basic Pay
10000	18400	7000	25400
10325	18210	7000	25210
10650	18010	7000	25010
10975	20420	7000	27420
11300	21020	7000	28020
11625	21630	7000	28630
11950	22230	7000	29230
12275	22840	7000	29840
12600	23440	7000	30440
12925	24050	7000	31050
13250	24650	7000	31650
13575	25250	7000	32250
13900	25850	7000	32850
14225	26450	7000	33450
14550	27070	7000	34070
14875	27670	7000	34670
15200	28280	7000	35280
15525	28880	7000	35880
15850	29490	7000	36490
16175	30090	7000	37090

[Signature]
 (Mr. S. S. MOHAN)
 Director (H.E.) / Director (F.W.)
 श्री. ए. वि. मन्त्रालय / Min. of H. R. D.
 उच्च शिक्षा विभाग
 Deptt. of Higher Education
 नई दिल्ली / New Delhi

[Signature]
 30 MAR 2010

TABLE - 3

(i) Incumbent Readers and Lecturers (SG) with less than 3 years of Service

(ii) Incumbent Dy. Librarian / Asst. Librarian (SG) / College Librarian (SG) with less than 3 years of Service

(ii) Incumbent Dy. DPE/ Asst. DPE(SG)/ College DPE(SG) with less than 3 years of Service

Pre-revised scale Rs. 12000-420 - 18300		Revised Pay Band + AGP Rs. 15600-39100+ AGP 8000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Academic Grade Pay	Revised Basic Pay
12000	22330	8000	30330
12420	23110	8000	31110
12840	23890	8000	31890
13260	24670	8000	32670
13680	25450	8000	33450
14100	26230	8000	34230
14520	27010	8000	35010
14940	27790	8000	35790
15360	28570	8000	36570
15780	29350	8000	37350
16200	30130	8000	38130
16620	30910	8000	38910
17040	31690	8000	39690
17460	32470	8000	40470
17880	33250	8000	41250
18300	34030	8000	42030
18720	34810	8000	42810
19140	35590	8000	43590
19560	36370	8000	44370

[Signature]
 (सच. सहाय/As. H.S.A.)
 निदेशक (सि.) / Director (Fin.)
 ना. सं. वि. सहाय/Min. of H. R. D.
 राज्य शिक्षा विभाग
 Dept. of Higher Education
 नई दिल्ली / New Delhi

[Signature]
 30 MAR 2010


TABLE - 4

(i) Incumbent Readers and Lecturers (SG) with 3 years of Service

(ii) Incumbent Dy. Librarian / Asst. Librarian (SG) / College Librarian (SG) with 3 years of Service

(iii) Incumbent Dy. DPE/ Asst. DPE(SG)/ College DPE(SG) with 3 years of Service

Pre-revised scale Rs. 12000-420-18300		Revised Pay Band + AGP Rs. 37400-67000+AGP 9000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Academic Grade Pay	Revised Basic Pay
13260	37400	9000	46400
13580	37400	9000	46400
14100	37400	9000	46400
14620	37400	9000	46400
14940	38530	9000	47530
15360	38530	9000	47530
15780	39660	9000	48660
16200	39660	9000	48660
16620	40800	9000	49800
17040	40800	9000	49800
17460	42120	9000	51120
17880	42120	9000	51120
18300	43390	9000	52390
18720	43390	9000	52390
19140	44700	9000	53700
19560	44700	9000	53700


 (एच. एच. ए. 13004/14)
 निदेशक (वि.)/Director (Fin.)
 या. सं. वि. मंत्रालय/Mh. of H. R. D.
 उच्चतर शिक्षा विभाग
 Dept. of Higher Education
 नई दिल्ली/New Delhi



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TABLE - 5

- (i) Incumbent Professor in Colleges and Universities
(ii) Incumbent Principals of PG Colleges
(iii) Incumbent Librarian (University)
(iv) Incumbent Director of Physical Edu. (University)

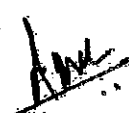
Pre-revised scale Rs. 16400-450-20900-500-22400 (S27 and S28)		Revised Pay Band * AGP Rs. 37400+67000+AGP 10000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Academic Grade Pay	Revised Basic Pay
16400	40600	10000	50600
16850	40600	10000	50600
17300	42120	10000	52120
17750	42120	10000	52120
18200	43590	10000	53590
18650	43590	10000	53590
19100	44700	10000	54700
19550	44700	10000	54700
20000	46050	10000	56050
20450	46050	10000	56050
20900	47440	10000	57440
21400	47440	10000	57440
21900	48870	10000	58870
22400	48870	10000	58870
22900	50340	10000	60340
23400	50340	10000	60340
23900	51800	10000	61800


Am
(सह. निदेशक/स. निदेशक)
निदेशक (विश्व)/Director (Fin.)
स. वि. मन्त्रालय/Min. of H. R. D.
उच्चतर शिक्षा विभाग
Deptt. of Higher Education
नई दिल्ली/New Delhi

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TABLE - 6
Incumbent Principals of UG Colleges

Pre-revised scale Rs. 12000-420-16300 (minimum to be fixed at Rs. 12840)		Revised Pay Band + Academic Grade Pay Rs. 37400-67000+ AGP 10000	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Grade Pay	Revised Basic Pay
12840	37400	10000	47400
13260	37400	10000	47400
13680	37400	10000	47400
14100	37400	10000	47400
14520	37400	10000	47400
14940	38530	10000	48530
15360	38530	10000	48530
15780	39660	10000	49660
16200	39660	10000	49660
16620	40800	10000	50800
17040	40800	10000	50800
17460	42120	10000	52120
17880	42120	10000	52120
18300	43360	10000	53360
18720	43360	10000	53360
19140	44700	10000	54700
19560	44700	10000	54700


 (Mr. Jagan/S. NISHAN)
 निदेशक (विन)/Director (Fin.)
 व. शिक्षा विभाग/Min. of H. R. D.
 राज्य शिक्षा विभाग
 Dept. of Higher Education
 New Delhi


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Incumbent Registrars in Universities and Deemed to be Universities fully funded by the Central Government

(एल. नं. १०८५/१०८५५५)
निदेशक (विश्व)/Director (F.P.S.)
एन. डी. वि. मन्त्रालय/Min. of H. R. D.
उच्चतर शिक्षा विभाग
Dept. of Higher Education
नयाँ दिल्ली/New Delhi

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TABLE - 8

(i) Incumbent Dy. Registrar / Dy. Finance Officer/ Dy. Controller of Examination with less than 5 years of Service Universities and Deemed to be Universities fully funded by the Central Government

Pre-revised scale Rs. 12000-420- 15300		Revised Pay Band + GP Rs. 15600-39100+ GP 7600	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Grade Pay	Revised Basic Pay
12000	22320	7600	29920
12420	23110	7600	30710
12840	23690	7600	31490
13260	24870	7600	32270
13680	25450	7600	33050
14100	26230	7600	33830
14520	27010	7600	34610
14940	27790	7600	35390
15360	28570	7600	36170
15780	29350	7600	36950
16200	30140	7600	37740
16620	30920	7600	38520
17040	31700	7600	39300
17460	32480	7600	40080
17880	33260	7600	40860
18300	34040	7600	41640
18720	34820	7600	42420
19140	35600	7600	43210
19560	36390	7600	43990

(संज. मोहन/Dr. MOHAN)
निदेशक (वित्त)/Director (Fin.)
श्री. वि. मन्त्रालय/Min. of H. & D.
उच्चतर शिक्षा विभाग
Deptt. of Higher Education
नई दिल्ली/New Delhi

30 MAR 2019

TABLE - 9

(i) Incumbent Dy. Registrar / Dy. Finance Officer/ Dy. Controller of Examination with 6 years of Service in Universities and Deemed to be Universities fully funded by the Central Government

Pre-revised scale Rs. 12000-420-18300		Revised Pay Band + GP Rs. 37400-57000+GP 8700	
Pre-revised Basic Pay	Revised Pay		
	Pay in the Pay Band	Grade Pay	Revised Basic Pay
14100	37400	8700	46100
14520	37400	8700	46100
14940	38530	8700	47230
15360	38530	8700	47230
15780	39660	8700	48360
16200	39660	8700	48360
16620	40890	8700	49590
17040	40890	8700	49590
17460	42120	8700	50820
17880	42120	8700	50820
18300	43350	8700	52050
18720	43350	8700	52050
19140	44700	8700	53400
19560	44700	8700	53400

(सं. पत्र/३. 1407/11)
निदेशक (वित्त)/Director (Fin.)
म. श. वि. मंत्रालय/Min. of H. R. D.
उच्चतर शिक्षा विभाग
Dept. of Higher Education
नई दिल्ली/New Delhi


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**GUIDELINES & PROCEDURE
FOR AWARD OF PROFESSORIAL CHAIR**

1. Award of Professorial Chair is made to honor the individuals on the basis of their academic/Professional achievements and experience. Therefore, the Chair Professor/Associate Professor shall be considered as an award and not a selection.
2. Award of Professorial Chair may be made at two levels, i.e. Professor/Associate Professor, i.e. (name) Chair Professor/(name) Chair Associate Professor. For example, Jaypee Chair Professor, and Jaypee Chair Associate Professor.
3. Professorial Chair can be established in the Institute by organization/Individuals of repute/Alumni/in following three ways:
 - (a) By giving one time endowment of Rs.1.50 Crores (Endowment Category-I)
 - (b) By giving one time endowment of Rs.0.90 Crore (Endowment Category-II). Expenditure on above Chairs (a & b) shall be made from the interest accrued on the endowment.
 - (c) By giving one time endowment of Rs. 0.45 Crores (Endowment Category III). (Chair shall only be for three years). Expenditure shall be met from the endowment & so after expiry of 3 years period Chair will not exist, unless renewed by a fresh endowment.

Note: These Professorial Chairs may be awarded to any category of eligible applicants, mentioned in the Table depending upon the availability of funds.

4. Professorial Chair may be awarded to individuals as mentioned below:
 - (i) Professor/Associate Professors working in the Institute in a regular cadre and who have been selected through normal selection process.
 - (ii) Outside Professionals on deputation serving in their Organization on pay scales equivalent to Professor/ Associate Professor.


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(iii) Retired Professionals/Professors who served their employer prior to retirement in a scale equivalent to Professor.

5. Details of payment (Honorarium+ Contingency) shall be made as given in Table. In addition, Chair Professor shall be entitled to Perks as applicable to the faculty members of the Institute, to be paid for category 4(i) out of MHRD funds, and for remaining categories from the endowment received for the Chair.
6. Contingency may be used for hiring Research Fellows, secretarial services, consumables, travel (other than Conferences) etc.
7. From endowment of the Chair,
 - (a) Chair Professor/Chair Associate Professor may attend one national conference per year.
 - (b) Chair Professor/Chair Associate Professor may attend one international conference in three years.

This is in addition to MHRD Financial Assistance for Conferences, available to Category 4(i).

8. Award of Chair Professor shall be made normally for 3 years or upto 68 years of age whichever is earlier. However, he/she may also be considered for another tenure of 3 years.
9. Normally, the applicants should be less than 68 years of age, but in the case of outstanding individuals who are physically fit, age limit may be relaxed upto 70 years of age.
10. Award Committee will consist of the following:
 - (i) Director - Chairman
 - (ii) Two Experts from the Panel of Experts approved by BoG/Senate of the Institute for the Chairs in related discipline, or two Professors of the Institute nominated by Chairman of BOG. - Members
 - (iii) A nominee of the Donor having a Status equivalent to that of Professor, if required as per MoU. - Member

- Dean, Faculty Affairs will provide the summary of bio-data of nominees for the consideration of the Award Committee.


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- Award committee may also consider offering the award to an individual, whose nomination has not been received.
11. Chair Professor/Chair Associate Professor may be assigned by the Director to a relevant department/centre as per objectives of the Chair.
 12. Nominations will be invited through an advertisement on the Institute's website. Nomination will be accepted from self, donor of the endowment, Head of an Institution/organization, or head of a department of IIT Roorkee. Nominees may or may not be invited for discussions by the Award Committee at its discretion.



30 MAR 2019

BETWEEN

VOITH HYDRO, HEIDENHEIM, GERMANY

AND

INDIAN INSTITUTE OF TECHNOLOGY- ROORKEE

This Memorandum of Understanding (MoU) is signed on January 20, 2010 between The Voith Hydro, Heidenheim, Germany and Indian Institute of Technology -Roorkee (India) through their authorized representatives.


I. Introduction

IIT Roorkee is the premier technical institute in India renowned in the various engineering fields including hydro power for over a period of 160 years and Voith Hydro, Heidenheim, Germany is a division of the Voith Hydro AG group (VH) and a leading provider of equipment and services in the field of hydroelectric power for more than 140 years." Engineered reliability" defines Voith Promise to the customer.

To build and strengthen technical base in the area of hydro power on various areas utilizing the competence and experience available with both IIT Roorkee and VH for achieving best innovations, both parties agree to sign this MoU.

II. Areas of Cooperation

1. Technical presentations on important and relevant topics by Voith specialists to graduate and post graduate students of the Institute. Topics, Frequency and schedules to be decided jointly beginning of each year.
2. Align/recruit few best Post Graduate technical students every year from Alternate Hydro Energy Centre and other departments of IIT Roorkee to VH
3. Adoption/alignment of academic curriculum e.g. designing and offering specific courses to Bachelor and Master degree students of the institution as per hydro industry requirements.
4. Sponsoring students for short, medium and long term internship/Training / Project work at VH Noida office and workshop in Vadodara /Germany and other places.




Copy to:
Meeting Section



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अधीक्षक/Superintendent
कुलशासक (वि. एवं नियोजन) कार्यालय
Dean (F&A) Office
भौ. प्रौ. सं. रुड़की/I.I.T. Roorkee

Short term (upto 3 months): Bachelor degree students after completing their 3rd year (total 4 year programme)

Medium term (upto 9 months): Post graduate students in their 2nd year (total 2 year programme) from the institute in the field of hydropower.

Long term (upto 2 year): Application will be for doctorate students who would be working on Research/Modeling/Programming projects suggested by Voith Hydro.

5. Identification and working on agreed joint long term research topics/project.
6. Deputation of Voith personnel for the specific programs relevant to Hydro for few days to few weeks to IIT Roorkee including refresher courses on identified subjects.
7. Participation, organising and presentation of technical papers jointly in the seminars and symposium in National and International levels.
8. Application of AHEC's simulation facilities for Small and Large Hydro customers training and demonstration on mutually agreed terms.
9. Carrying out small and large hydro turbine field efficiency tests in joint collaboration with AHEC on mutually agreed terms.
10. Utilization of institute laboratories for model testing, petro graphic analysis, failure analysis of structural components, erosion testing, earth resistivity measurement, Seismic testing/analysis etc. on mutually agreed terms.
11. Expert support for establishing the Hydraulic Turbine R&D laboratory at AHEC, IIT Roorkee.
12. Development and indigenization of new materials jointly with external foundry facilities.
13. Joint Formulation of Technical Specifications regarding (a) silt erosion warranties (ever green guaranties), (b) operation safety, and (c) cold temperature environment in India.
14. Offer Expert advice on trouble shooting and measures to be adopted on mutually agreed terms.
15. Any other area of mutual interest.

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III. Confidentiality

Confidential information exchanged between the Parties concerning the subject matter of this MOU shall be governed by the Corporate Non-Disclosure Agreement ("CNDA") in effect between the Parties. Except as expressly stated herein, neither Party shall use the other party's name in advertisements, without the prior written consent of the other Party.

IV. Legal Obligations

The Parties agree that provisions contained in this MOU do not create any legal obligations between the Parties, save for the confidentiality provisions in this MOU.

V. Relationship of the Parties

The Parties herein are independent entities. This MOU does not create any agency, partnership, joint venture or any other business relationship between the Parties.

VI. Non Exclusivity

Nothing in this MOU shall mean or shall be construed to mean that either Party is at any time precluded from having similar arrangements with any other person or third party, subject always to maintaining confidentiality obligations stated herein.

VII. Period of Agreement

This Agreement shall be effective from the date of its signing for full five (5) years initially and thereafter, may be renewed by mutual consent.

VIII. Assignment


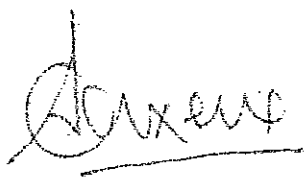
This MOU cannot be assigned to any third party except the legal successor of either party, without the prior written consent of the other Party.

IX. Limitation of Liability

Except for claims that may arise pursuant to Confidentiality clause, in no event shall either Party be liable to the other for any damages including, without limitation, direct, speculative, indirect, incidental, special or consequential damages in connection with this MOU.

X. Modifications

No variations, modification or alterations of any provisions of this MOU shall be effective unless made with the prior written agreement of the Parties.



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XI. Governing Law and Jurisdiction

This MOU shall be governed by and construed in accordance with the laws of India.

XII. Other Collaborative Activities

The text of this Agreement is not intended to limit the scope of other collaborative activities.

XIII. Designated Nodal Officers

Head, Alternate Hydro Energy Centre (AHEC) and Managing Director, Voith Hydro Pvt. Ltd, Noida (VHN) shall be the Nodal Officer from IIT Roorkee and Voith Hydro side respectively.

XIV. Termination

This Agreement may be terminated by either party giving the other written notice of its intend to terminate. Such notice shall be given at least one (1) year prior to the effective date of termination. However, ongoing activities / projects shall be completed by both parties and there shall not be any effect of termination on them.

XV. Intellectual Property - Disposition of Materials

Inventions or materials developed under the terms of this Agreement shall be bound by the following :

1. Proceeds from said invention or material shall be shared by Indian Institute of Technology, Roorkee, India and in accordance with their input of personnel and facilities.
2. While IIT Roorkee shall have an irrevocable, royalty-free, non-exclusive license to use the invention or materials for educational purposes, Voith Hydro will have rights to use it for commercial purposes. However no party will have rights to pass it on to a third party without mutual consent.
3. If the inventions or material are made or developed in the course of a sponsored programmed funded by grant or contract, the determination of rights shall be subject to, and limited to, the provisions of the contract or grant.
4. IIT Roorkee and VH 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.

XVI. Financial Arrangements

Prior to start of any activity under the scope of the MoU, financial arrangements, if any, shall be worked out and agreed to by both institutions. However, there is no other financial liability on either of the parties.

XVII. No-discrimination

Indian Institute of Technology, Roorkee, India and Voith Hydro A G, Heidenheim Germany - VH 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.

XVIII. Modification

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

XIX. Monitoring

There shall be following committees:

(a) Steering committee

The committee shall meet at least once in 18 months and shall comprise the following :

- | | |
|----------------------------------------------------|----------|
| • Director IIT Roorkee | Chairman |
| • CTO, VHZ/Head, R&D VHZ/Head, VHEC/
Head, VHPE | Member |
| • Managing Director, VHN | Member |
| • Dean, Finance & Planning, IIT Roorkee | Member |
| • Head AHEC, IIT Roorkee | Member |

The committee shall review the performance of the MoU and may suggest further action.

(b) Execution committee

The committee shall meet at least once in 6 months and shall comprise of the following:

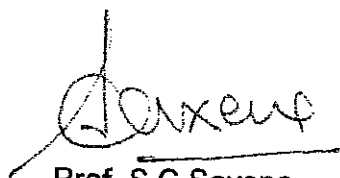
- | | |
|-----------------------------------------|-------------|
| • Dean (SRIC) IIT Roorkee | Chairman |
| • Vice President-Eng. Quality & IT, VHN | Co chairman |
| • Sr Tech. Adviser, VHN | Member |
| • Head AHEC, IIT Roorkee | Member |

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XX. Resolution and Disputes

Any dispute or differences which may arise between the members relating to any matter under this MOU shall be settled by consulation and negotiation, or failing that, though mediation by a mutually agreed third party.

In Witness Whereof, Indian Institute of Technology, Roorkee, and the Voith Hydro GmbH & Co., KG, Heidenheim, Germany, have executed this Agreement as first above written

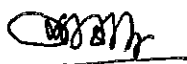


Prof. S.C Saxena,
Director,
Indian Institute of Technology,
Roorkee (India)



Dr Siegbert Etter,
Chief Technology Officer, and
Member Board
Voith Hydro GmbH & Co., KG
Heidenheim, Germany

Witness :



1. Prof. Surendra Kumar
Dean, Finance & Planning

Witness :



Sh. Amresh Dhawan
Managing Director
Voith Hydro Pvt. Ltd., Noida



2. Dr. Arun Kumar, Head
Alternate Hydro Energy Centre,



Sh. Bhaskar Rao
Vice President
Voith Hydro Pvt. Ltd., Noida

Date : January 20, 2010.



30 MAR 2010

**AGREEMENT
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
AND
PRAMA JYOTI FOUNDATION,
(D1, Second Floor, Defence Colony, New Delhi)**

Whereas Prama Jyoti Foundation, D1 Defence Colony, New Delhi established to encourage and motivate educations in India through financial as well as counseling support to Educational Institutions/students is desirous of instituting awards at IIT Roorkee for the benefit its students and the Indian Institute of Technology Roorkee has accepted the proposal from Prama Jyoti Foundation. Both parties have agreed to the following terms and conditions :

1. That Prama Jyoti Foundation will contribute Rs 3,00,000.00 per year to IIT Roorkee as least for a initial period of 3 years for making the awards.
2. That Prama Jyoti Foundation will transfer every year the sum of Rs 3,00,000.00 to the IIT Roorkee through its Registrar in two installments on the dates specified by the IIT Roorkee.
3. That the awards will be made to the students of IIT Roorkee who have excelled in sports, academics, extra curricular and co-curricular activities.
4. That the name, nature, value, selection criteria and number of awards will be decided every year in the month of December by mutual consent of both the parties. The total value of the awards in a year will be Rs 3,00,000.00.
5. That the Foundation will ensure and if required, provide necessary guarantee for regular transfer of funds to the satisfaction of IIT Roorkee.
6. That this agreement shall remain valid for an initial period of 3 years and may be renewed/reviewed or terminated with the mutual consent of both the parties.

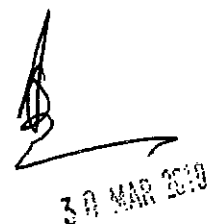
Signed for IIT Roorkee

Signed for Prama Jyoti Foundation

Prof. S.C.Saxena
Director

Witness :

Prof. Surendra Kumar
Dean, Finance & Planning
Date :



**Memorandum of Understanding
between
Indian Institute of Technology, Roorkee (IITR), India
and
University of Peradeniya (UOP), Sri Lanka**

This agreement entered into this day of -----200--- by and between Indian Institute of Technology Roorkee (IITR), Roorkee, India, and the University Of Peradeniya,(UOP), Peradinya, Sri Lanka

Witness that

- Whereas, Indian Institute of Technology Roorkee (IITR), and University of Peradeniya, Peradinya (UOP), desire to promote the enrichment of their teaching and research programs; and
- Whereas, Indian Institute of Technology Roorkee (IITR), and University of Peradeniya, Peradinya (UOP) desire to strengthen and expand the mutual contacts between the two universities; and
- Whereas, Indian Institute of Technology Roorkee (IITR), and University of Peradeniya, Peradinya (UOP) 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:

1. Scope of Agreement:

The agreement shall initially cover the following types of faculty and graduate student exchanges, collaborative research and other forms pf collaboration.

- 1.1. Faculty Exchange
- 1.2. Short-term Visiting Scholars for period of three months or less
- 1.3. Log-term Visiting Scholars for either one (1) semester, one(1) academic year, one(1) calendar year or more.
- 1.4. Graduate Student Exchanges
- 1.5. Collaborative Research
- 1.6. Other mutually agreed educational programs.


2. 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.

3. Period of Agreement

This Agreement shall be effective _____ day of _____ 200-- and continue in full for five (5) years and effect subject to conditions in 12.


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4. Initial of Exchange

Each exchange under the terms of this Agreement will be initiated by the respective departments or disciplines of IITR and UP. The details of each exchange shall be agreed upon in writing by the respective authorities of the two universities/institutes.

5. Visiting Scholar Exchanges

5.1. Procedures:

- a. The cooperating institutions will exchange information describing the kinds of activities in which each would have the greatest interest.
- b. 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.
- c. The host institution/university will accept qualified candidates in accordance with the availability of hosting faculty, facilities and funding.

5.2. Responsibilities of Home University

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

5.3. Responsibilities of the Host University.


- a. Provide adequate facilities for the effective conduct of the program of work for visiting scholar, who will provide full information on research work 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 involved faculty members at both host and home universities.
- b. Provide accommodation at nominal charges subject to availability.
- c. In case accommodation is not available, assist in locating adequate housing for the period of the visit of the scholar.

6. 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.

7. 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.


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- 7.1. Normally proposal for such projects would emerge from the faculty of the two (2) institutions. Each collaborative research arrangement will be treated individually.
- 7.2. Faculty at both institutions will be encouraged to develop collaborative research proposals and obtain funding necessary to implement the research projects.
- 7.3. Projects requiring funding by institutions must be approved by both institutions before starting them.

8. Other Collaborative Activities

The text of this Agreement is not intended to limit the scope of future collaborative projects.

9. Designated Liaison Officials

Indian Institute of technology, Roorkee (IITR), India and University of Peradeniya, Peradeniya (UOP), Sri Lanka 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.


10. Termination

This Agreement may be terminated by either party providing the other written notice of its intend to terminate. Such notice shall be given at least one (1) year prior to the effective date of termination.

11. 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.

- 11.1. Proceeds from said invention or material shall be shared by Indian Institute of Technology Roorkee (IITR), and University of Peradeniya, Peradeniya (UOP), in accordance with their input of personnel and facilities.
- 11.2. 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.
- 11.3. If the inventions or material 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.
- 11.4. The host university shall notify the home university of such conditions by indicating such at the time of implementation of the exchange.
- 11.5. IITR and UOP 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 basics, and will be consistent with officially laid down IPR policies of the two institutions .


30 MAR 2019

12. No-discrimination

Indian Institute of Technology Roorkee (IITR), India and University of Peradeniya, Peradinya (UOP), Sri Lanka agree that no person shall on the grounds of race, colour, national origin, sex or creed be excluding from participation under the terms of this Agreement.

13. Modification

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

14. Resolution and Disputes

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

In Witness Whereof, Indian Institute of Technology Roorkee (IITR), and the University of Peradeniya, Peradinya (UOP), have executed this Agreement as of the date first above written.

Prof. SC Saxena,
Director,
Indian Institute of Technology Roorkee,
Roorkee , India

Prof. Harischandra beygunawardhena,
Vice Chancellor
University of Peradeniya,
Peradinya- Sri Lanka

Witness :

(Prof. Surendra Kumar)
Dean, Finance & Planning
IIT Roorkee

30 MAR 2020

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPERATION
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE (IITR)
AND
YORK UNIVERSITY**

Indian Institute of Technology Roorkee (IITR) and York University 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 York University 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 York University 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 programmes,
- 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 York University 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 York University 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 by mutual agreement between the faculty member(s) and the institution extending such an invitation.


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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 York University 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.

D. Student Exchange

IITR and York University 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. The host university retains the right to accept students. All students must meet the admission requirements of the host university. The home university shall inform the host university of the names of students selected at a date mutually agreed upon.
- b) In a given year, both universities will strive to exchange an equal number of students. The number of students exchanged over the term of the Agreement must be reciprocal.
- c) Students would normally be exchanged for one semester or academic year; however, stays of lesser duration may be undertaken with the consent of the host institution. Students who wish to complete a degree program at the host university must apply for admission in accordance with that institution's normal procedures.
- d) The universities will exchange course information annually (calendars, internet, etc.) The host university will advise students from the partner university on course selection. Where academic qualification is determined by placement interview, the student must complete this before placement.
- e) An exchange student will continue to be treated as full-time student at his/her home institution.
- f) An exchange student will be considered as full-time "exchange" student at the host institution. The full range of services normally available to international students will be provided to the exchange students under the Agreement. These include, but are not limited to, academic advising, assistance with housing and the like, and access to academic and recreational facilities.
- g) His/her program 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.
- h) International students studying at York University are required to register and pay the applicable premium for the University Health Insurance Program (UHIP) for each academic term of study.

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- i) Travel arrangements and expenses are the responsibility of the exchange student.
- j) Each student is responsible for obtaining a Study Permit/Residence Permit required for study in the country of the host institution. The host university will provide the necessary university certification needed to obtain the authorization.
- k) The exchange students will pay tuition and other fees at their home institution. They may be considered for exemption from the payment of tuition fees by the host institution subject to its rule prevailing at that time for International exchange students. Other fees as applicable to such exchange students are to be paid by them.

E. Exchange of Scientific and Technical Material

IITR and York University 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 York University 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 York University agree to help identify and invite faculty members from the other institution to participate in conferences, workshops and short-term courses.


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 York University agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arises 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. The use of trademarks and/or denominations representative of either party is strictly prohibited without the owner's prior written consent.

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) President, York University or his/her nominee, (c) Dean, Finance & Planning, IIT Roorkee (d) Director, International Relations, York University (e) Program Coordinator from the side of IITR, and (f) Programme Coordinator from the side of York University, will periodically review and identify ways to strengthen cooperation between the two institutions.


30 MAR 2010

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 York University will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, IITR and York University 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 President, York University will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

**Signed for Indian Institute of Technology
Roorkee**

Signed for York University

Prof. S.C.Saxena
Director


Dr. Mamdouh Shoukri
President & Vice-Chancellor

Witness :

Prof. Surendra Kumar
Dean, Finance & Planning
Provost

Sheila Embleton, Ph. D.
Vice-President Academic &

Date:



30 MAR 2010

MEMORANDUM OF UNDERSTANDING
between
INDIA METEOROLOGICAL DEPARTMENT
(Ministry of Earth Sciences, Government of India)
and
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
for Weather Based Agro Advisory Services

1. This memorandum of Understanding made this day, i.e. 2010 between the President of India acting through the India Meteorological Department (IMD), Ministry of Earth Sciences (MoES) with its office at Mausam Bhawan, Lodhi Road, New Delhi — 110 003, hereinafter referred to as "IMD" which expression shall unless excluded by or repugnant to the context be deemed to include its successors and assignees in office of the one part AND the **Indian Institute of Technology Roorkee** established under act of Parliament to the state of Uttarakhand hereinafter referred to as "IITR" which expression shall, unless excluded by or repugnant to the context, be deemed to include its successors and permitted assignees of the other part.

Whereas the Government of India has entrusted upon India Meteorological Department (IMD) the task of Development of Integrated Agro Meteorological Services in the country. In pursuance hereof, IMD has set up in the country a network of about 128 Agro-Meteorological Field Units (AMFUs), which are multidisciplinary units responsible for preparation and dissemination of agromet advisories. Whereas the IITR is willing to continue AMFU set up and functioning under its jurisdiction. Now, it is hereby agreed as follows:

2. Each AMFU will be manned by an agro-meteorologist who would utilize the relevant meteorological products provided by IMD to generate specific advisories for agricultural management for the respective districts of Agro Climatic Zones (ACZ) identified under the area of its jurisdiction and disseminate the same to the farming community. The responsibilities of AMFUs would include preparation of weather based advisories for management practices in agriculture after due consultation with Subject Matter Specialists/Scientists/Professors of concerned disciplines and disseminate the same to the end users using all possible modes of communication. It will also liaise with Indian Council of Agricultural Research (ICAR), District Agriculture/Horticulture/ Animal Husbandry Officers, Krishi Vigyan Kendras and other agencies to render Agromet Advisory Service in a holistic manner. It will also disseminate advisories through all possible means to have outreach up to village level and arrange to provide necessary feedback to IMD for the development of:
- i. Relevant Agromet advisories for the stress crops/livestock
 - ii. Region/locale-specific agromet predictive models;
 - iii. Crop — weather relationships and
 - iv. Forewarning models for weather and climate based pests and diseases etc.


30 MAR 2010

3. OBLIGATIONS OF IMD

3.1 IMD agrees to provide Medium Range Weather Forecast in quantitative terms at district level to the IITR.

3.2 IMD agrees to provide grant-in-aid to IITR for AMFUs subject to personnel and budgetary limitations imposed by the government from time to time and submission of duly audited Utilization Certificate, duly audited Statement of Expenditure and Demand for Grant-in-Aid by the grantee University/Institution, for:

- (a) Defraying expenditure towards salaries, travel expenses of the staff approved by IMD and appointed/engaged by the AMFUs exclusively for operating the agro-met advisory services.
- (b) Purchase and maintenance of equipment approved by IMD.
- (c) contingent expenses including consumables, telephone, fax charges, transportation charges, stationary, publications, etc. necessary for effective functioning of agro-met advisory services as approved by IMD; and
- (d) Development of human resources related to the AAS as approved by IMD.


3.3 IMD shall act upon the documentation prepared by AMFU's on services rendered by them in order to assess the efficacy of the services and carry out over all supervision.

3.4 IMD agrees to assist IITR in developing suitable meteorological observing system e.g. Automatic Weather Station (AWS) Automatic Rain Gauge (ARG), Surface Agromet Instruments etc.

4 OBLIGATIONS OF THE IITR (AMFUs)

The IITR (AMFU) agrees

- (a) To receive weather forecast, prepare and disseminate Agromet advisory bulletins for different districts of the Agro Climatic Zones.
- (b) To organize awareness activities to popularize Agromet Advisory Service.
- (c) To maintain Agro-meteorological observatory/Automatic Weather Station, record observation, prepare data base and transmit to IMD, both IMD and AMFUs will make use of the data generated from observatory/AWS for agricultural research and advisory purpose.
- (d) To prepare local climatological information and data base and receive current weather observations and agricultural data from districts.
- (e) To prepare annual report and submit to IMD Headquarter.
- (f) To provide appropriate space for AWS/ARG. IITR also agrees to provide security and maintenance of the observatory.
- (g) To make available experimental field data for calibration and validations of crop models and to identify weather sensitive of crops, animals, P&D and management practices.


30 MAR 2010

- (h) To submit Utilization Certificate/Statement of Expenditure duly audited and signed by the competent authority.
5. IITR hereby agrees to continue the support in respect of facilities established through grant-in-aid by IMD at the end of the five years when IMD support may be phased out.
6. The agro-advisory services are essentially a cooperative venture. Any matter not covered specifically in the Memorandum of Understanding (MoU) may be settled by mutual agreement. On points where disagreement persists, the matter may be referred to the Secretary, MoES for a decision, which shall be final and binding on both the parties.

7. EXTENSION/TERMINATION OF MOU

Three months prior to this Memorandum of Understanding (MoU) coming to an end the operation of this understanding may be extended by mutual consent for such period or periods as may be considered desirable.

Requests for any major change or termination of this MoU shall be furnished by either party to the other for consideration not less than 90 days in advance of the desired date for effecting change/termination. However, all liabilities for the parties accrued during the period of operation of MoU such as settlement of accounts, banding over of completed research works/results, final drawings, etc., will survive even after the expiry of the MoU. All the equipment and material purchased using the grant-in-aid and not consumed shall be the property of IMD and shall be restored to IMD in case of termination of MoU.

8. COMING INTO FORCE

This MoU shall be deemed to have come into force from the date specified herein and shall continue for a period of five years. All rights and obligations of IMD and IITR shall be deemed to have commenced and accrued from that specified date.

9. In witness whereof the parties here to have executed this Memorandum of Understanding.

For and on behalf of
Govt. of India, New Delhi

For and on behalf of IIT Roorkee
Uttarakhand

Prof. S.C Saxena
Director

Witness:

Prof. S.K. Tripathi,
Nodal officer IAAS

Prof. Ram Pal Singh,
Head, WRD&M

Prof. Surendra Kumar,
Dean Planning, IITR

30 MAR 2020

MEMORANDUM OF UNDERSTANDING

BETWEEN

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

AND

CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE
(A Constituent Laboratory of CSIR)

This Memorandum of Understanding (MoU) is executed on February Seventeen of Two Thousand Ten, between Council of Scientific and Industrial Research (CSIR) which is a Society, registered under the Indian Societies Registration Act XXI of 1860 with its Registered Office at Rafi Marg, New Delhi – 110 001, INDIA acting through its CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE, India (hereinafter referred to as CBRI) which is one of the constituent National Laboratories under CSIR of the first part,

and

Indian Institute of Technology Roorkee - an autonomous Institute established under the Ministry of Human Resource Development, Govt. of India on September 21, 2001, under an act of Parliament and having its registered office at ROORKEE, UTTARAKHAND – 247 667 (thereinafter referred to as IIT-Roorkee) of the second part.

PREAMBLE

WHEREAS, CBRI is engaged in research, design and development, and consultancy in the field of Engineering and Technology, Material Science and Architectural and Planning..

WHEREAS, IIT-Roorkee, which is charged with the responsibility of training technical manpower in different areas of Engineering, including Civil Engineering, Technology, Science, Management and Humanities & Social Sciences, is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in S&T by undertaking industrial & applied research and consultancy.

Copy to 1

Meeting Section

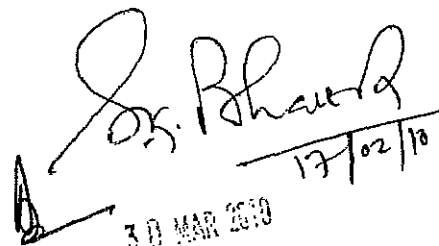
Sunil Kumar
19/2/10

अधीक्षक/Superintendent

कुलशासक (वि. सं. प्र. योजना) कार्यालय

Dr. (F&A) Office

भा. प्रौ. सं. सं. IIT, Roorkee


17/02/10
30 MAR 2010

WHEREAS, both CBRI and IIT-Roorkee, now

- Recognizing the importance of research and development in the areas of Building Science, Engineering Sciences, Engineering Geology, Material Science and Architecture & Planning,
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Building Science and Technology including Structural Engineering, Engineering Geology, Material Science and Architecture & Planning.
- Desiring to club their efforts by pooling their expertise and resources,

INTEND to form a nucleus for promoting excellent quality manpower in the fields of engineering, technology and science with a focus on civil engineering, building science, engineering geology and other branches of Engineering, Technology and Science.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both CBRI and IIT-Roorkee hereby acknowledge, CBRI and IIT-Roorkee hereby agree as under:

ARTICLE - I: SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between CBRI and IIT-Roorkee for enhancing within the country, the availability of highly qualified manpower in the area of Civil Engineering, Building Science and Technology, Engineering Geology, and Architecture & Planning and other areas of Engineering, Technology and Sciences without any prejudice to prevailing rules and regulations in CSIR/ CBRI and IIT-Roorkee and without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to CSIR/CBRI and/ or IIT-Roorkee. The areas of cooperation can be extended through mutual consent.

ARTICLE - II: SCOPE OF ACADEMIC INTERACTION

CBRI and IIT-Roorkee shall encourage interaction between the CBRI Scientists and IIT-Roorkee faculty members and students through the following arrangements.

- (a) Exchange of personnel through deputation for limited periods as mutually agreed upon

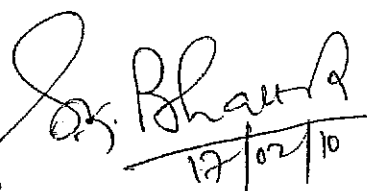


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-86-



30 MAR 2010



Dr. Bhandari
17/02/10

- (b) Organization of joint Conferences and Seminar
- (c) Practical training of IIT-Roorkee students at CBRI
- (d) Joint guidance of student projects/ thesis in Structural Engineering, Geotechnical Engineering, Environment Engineering, Building Science & Technology, Architecture & Planning, Engineering Geosciences and other areas of mutual interest at IIT-Roorkee by CBRI Scientists & faculty of IIT Roorkee as per rules and regulations of IIT Roorkee.
- (e) Admission of CBRI scientists/Technical Officers to the post-graduate programmes (M.Tech., Ph.D) at IIT-Roorkee as sponsored candidates fulfilling the criteria as laid down by the IIT Roorkee.

ARTICLE - III: SHARING OF FACILITIES

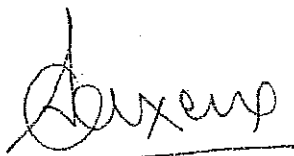
- (a) CBRI and IIT-Roorkee shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- (b) CBRI and IIT-Roorkee shall permit the exchange of software and other materials and components developed in-house in the areas of cooperation, if permissible, within the rules governing the two institutions.
- (c) CBRI and IIT-Roorkee shall provide access to the library and inter-library loan facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

ARTICLE - IV: CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS

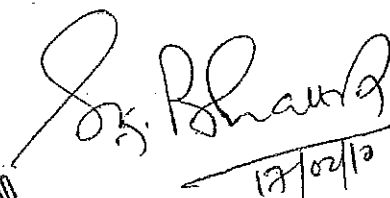
- (a) The collaborative programme between CBRI and IIT-Roorkee shall be coordinated by a Coordination Committee appointed jointly by Director, CBRI and Director, IIT-Roorkee.
- (b) Financial arrangements for each specific collaboration will be decided by the Coordination Committee on a case-to-case basis and brought on record in each case.

ARTICLE - V: EFFECTIVE DATE AND DURATION OF MOU

- (a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- (b) The duration of the MOU shall be for a period of 5 years from the effective date.
- (c) During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students who have been admitted to pursue a programme under the MOU.



30 MAR 2010



17/04/10

- (d) Any clause or article of the MOU may be modified or amended by mutual agreement of CBRI and IIT-Roorkee.

ARTICLE - VI: IPR

Rights regarding publications, patents, royalty, ownership of software/ design/ product developed etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.


ARTICLE - VII : ARBITRATION

Any dispute arising out of this MOU will be resolved amicably by mutual consultation. If such resolution is not possible, then, the unresolved dispute will be referred to the coordination committee appointed jointly by Director, CBRI and Director, IIT-Roorkee. The outcome of the committee shall be binding upon both the parties.

ARTICLE - VIII : CONFIDENTIALITY

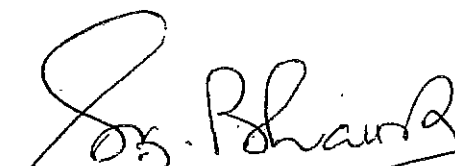
During the tenure of the MOU both CBRI and IIT-Roorkee will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.


(Prof. S.C. Saxena) 17/02/10

DIRECTOR


Indian Institute of Technology Roorkee
Roorkee


(Prof. S.K. Bhattacharyya) 17/02/10

DIRECTOR

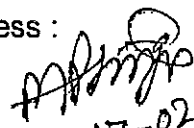
Central Building Research Institute
Roorkee

Witness :


17/2/10


(Prof. Surendra Kumar)
Dean, Finance & Planning

Witness :


17-02-2010

(Mr. M.P. Singh)
Scientist 'G'

Date: February 17, 2010


30 MAR 2010

MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
AND
NATIONAL INSTITUTE OF TECHNICAL TEACHER'S
TRAINING AND RESEARCH CHANDIGARH

This Memorandum of Understanding (MoU) is entered into on this day of (month & year) between the Indian Institute of Technology Roorkee (hereinafter referred to as IIT Roorkee or IITR) as the First Party and the National Institute of Technical Teacher's Training and Research Chandigarh (referred to as NITTTR) as the Second Party.

Whereas Indian Institute of Technology Roorkee (IITR) is among the foremost of institutes of national importance in higher technological education and in engineering, basic and applied research. Since its establishment, the Institute has played a vital role in providing the technical manpower and know-how to the country and in pursuit of research. The Institute ranks amongst the best technological institutions in the world and has contributed to all sectors of technological development. It has also been considered a trend-setter in the area of education and research in the field of science, technology, and engineering.

Whereas the National Institute of Technical Teacher's Training and Research Chandigarh (NITTTR) is one of the four institutes established by the Government of India in 1967 for the development of technical education in the country and is nationally and internationally recognized for its contributions in the area of promoting excellence in teaching in technical institutions.

Now therefore, in consideration of the premises and mutual convenience contained herein, IITR (the first party) and NITTTR (the second party) hereto agree as follows :

1. Each party will encourage visits of its faculty and students to the other institution for academic/ professional activities in the areas of common interest. For this purpose, the host institution will make library/laboratory facilities available with them to the faculty/students of the other party as far as possible. There shall be no other liability on the part of the host institution.
2. Both the parties will collaborate with each other for carrying out and/ or submitting joint research projects to outside agencies for support in areas of common interest.
3. Neither of the two parties will be responsible for any loss or damage that may occur during the operation of this MoU to the property, staff/faculty/ officials of the other party or any person hired by the other party.


30 MAR 2010

Intellectual Property

IITR and NITTTR agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arises 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.

Co-ordination

Each institution shall appoint one member of its faculty to coordinate the programme on its behalf.

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 three 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 three months in advance. IITR and NITTTR will ensure that all activities in progress are allowed to complete successfully. However, neither IITR nor NITTTR will be responsible for any losses, financial or otherwise, which the other institution may suffer because of termination of the MoU.

Arbitration Clause

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

Signed for

Indian Institute of Technology Roorkee

Signed for

NITTTR, Chandigarh

Witness:

Witness:

Date:



30 MAR 2019

Between

**Bengal Engineer Group & Centre Roorkee
(Hereinafter Known as BEG & Centre, Roorkee)**

And

**The Indian Institute of Technology Roorkee, Roorkee
(Hereinafter Known as IIT Roorkee)****Preamble**

1. Bengal Engineer Group (BEG) and Centre Roorkee was initially established at Kanpur in 1803 as the corps of Bengal Sappers and Miners. After a series of temporary moves, it was finally stationed at Roorkee in 1853, where it has remained since then. In 1848, Lt. Robert MacLagan, a Bengal Sapper, started the Thomason College at Roorkee to meet the requirement of trained engineers in North India. Thus when BEG & Centre was permanently garrisoned, Roorkee became a synonym for Engineering, both Civil as well as Military, for, in addition to the Thomason College, it also became the Headquarters of the Bengal Army Corps of Engineers, known as the Bengal Sappers and Miners.
2. The two organizations grew hand in hand, each helping the other in full measure. The senior administrative and teaching positions in the Thomason College were held by Royal Engineers for over seventy years, while in its turn the Thomason College admitted candidates from the Army to its Engineer, Overseer and Lower subordinate and Military classes, and also conducted Survey and Signalling courses especially designed for the men in uniform. In fact, the first sixteen Principals of the Thomason College were Bengal Sapper Officers. Gradually, however the two organizations became more and more independent of each other with the Thomason College having its own civil staff and the Army Bengal Sappers running their own courses, till finally after almost a hundred years of close association, when the Thomason College converted into the University of Roorkee, the University had a totally civil character meeting civilian needs and the Army had its own organization fully dedicated to exclusively train the Bengal Sappers personnel of its Corps of Engineers.
3. Both continued to excel in their respective fields and carved out a niche for themselves. The Bengal Sappers covered themselves in glory for their various actions in the field of Military Engineering in the country and the various theatres of operations the world over. While in the field of Civil Engineering the University of Roorkee carved out a name for itself in the entire world. As a measure of its repute and standing in the Academic circles the world over, in the year 2001, the University of Roorkee was amalgamated into the fold of the famed Indian Institutes of Technology and further re-designated as I.T.T. Roorkee.

30 MAR 2019

4. But the close bonds of friendship between the two organizations continue and have a deep interaction at the informal level. It is the fervent desire to further cement these bonds and collaborate in all spheres of activities of the two institutions, and formalize these, so as to provide a framework for further growth.

Objectives


5. Whereas, both BEG & Centre Roorkee and IIT Roorkee now
- (a) Recognizing the importance of research and development in the area of Science, Engineering and Technology;
 - (b) Appreciating the need to enhance the degree of interaction between the faculty of IIT Roorkee and the Staff at BEG & Centre for creating a large reservoir of highly qualified manpower in these fields and;
 - (c) Desiring to club their efforts and pooling their expertise and resources;
 - (d) BEG& Centre and IIT Roorkee shall collaborate in the respective of their expertise for Academic, Research, Teaching, Sports and Cultural Activities.

Agree upon, for their mutual benefit, to form a nucleus for promoting excellent quality manpower in the fields of Engineering, Technology, Science, Sports and Cultural Activities and allied areas.

6. Scope and General Activities

- (a) Exchange of research publication, treatises, and précis published by both the organizations.
- (b) Visit of Faculty, Staff and Students to the various facilities in both the organizations.
- (c) Submission of joint projects seeking external financial support for collaboration in Research & Consultancy.
- (d) Agreements will be made from time to time for specific projects and activities.
- (e) To make available laboratory, library and computing facilities.
- (f) Visits to be recommended through MoU coordinators with final approval through normal procedures at the host institution.
- (g) Provide training to each others Faculty and Staff in the areas of interest of the respective organizations, at concessional rates.

7. **Financial Term** There is no direct financial obligation on either Organisation unless specifically agreed to.


30 MAR 2010

8. **Duration** This agreement shall come into effect on the day of approval by both the Organisations with an initial duration of five years.
9. **Termination** Either Organisation may terminate this agreement provided that written notice of the intent is given at least six months prior to termination.
10. **IPR** The intellectual property rights regarding publications, patents, royalty, ownership of software / design / product developed, etc. under the scope of this MoU, shall be decided by the two parties by mutual consent.
11. The activities will be coordinated within the scope of this MoU.

Signed at Roorkee on this Day of December 2009

(Manoj Kumar)
Brigadier
Commandant
BEG & Centre, Roorkee

(Prof. S. C. Saxena)
Director
I.I.T. Roorkee

Witness :

(AN Thakur)
Colonel
Deputy Commandant
BEG & Centre, Roorkee

(A. K. Srivastava)
Lt Col (Retd)
Registrar
I.I.T. Roorkee



30 MAR 2010

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE-247667

Hon'ble Shri Ashok Bhatnagar Ji,

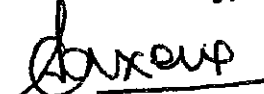
I wish to bring it to your kind attention that the Institute has received the Audit certificate for the Financial Year 2008-2009 from Accountant General (Audit), Uttarakhand. A copy of same is herewith enclosed for your kind perusal and consideration please.

Further, I wish to state that this Audit Report and Certificate of Accounts are to be placed on the table of both the houses of Parliament. Therefore, it is requested that the approval for this Audit certificate of Accounts of the Institute may kindly be accorded.

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

With profound personal regards,

Yours sincerely,


(S. C. Saxena)

Hon'ble Shri Ashok Bhatnagar Ji,
Chairman,
Board of Governors, I.I.T. Roorkee and
Former Chairman, Railway Board and
Principal Secretary to Government of India,
117, Hauz Khas, Apartments, DDA (SFS)
Aurobindo Marg,
New Delhi-110016

Encl: As Above

UON/DIR/ITR/291

Dated: November 12, 2009

Approved

Ravishanker

-94-

13.11.2009
Chairman

DCF&P
FNA please.
[Signature]

AR(F)/AR(A&A)

12.11.09

3.11.2009



सत्यमेव जयते

कार्यालय महालेखाकार (लेखा परीक्षा)-उत्तराखण्ड
OFFICE OF THE ACCOUNTANT GENERAL (AUDIT)
UTTARAKHAND

Registered/Confidential

No. CAW/AG/AB(C)/SAR/ IIT(R)

Date:

To,

Secretary,
Department of Education, Government of India,
Ministry of Human Resources Development,
New Delhi -110001.

**Sub: Audit report on the Accounts of Indian Institute of Technology, Roorkee
for the year 2008-09.**

Sir,

1. I am to forward herewith the Audit Report and certified copy of annual accounts (English Version) in respect of Indian Institute of Technology, Roorkee for the year 2008-09.
2. The Audit Report and the certified accounts may please be placed on the table of both the Houses of Parliament.
3. The date on which the Audit Report and the certified accounts are placed on the table of both the Houses of Parliament may please be intimated to the Comptroller and Auditor General of India as well as to this office.
4. Receipt of this document may please be acknowledged.

Yours faithfully,

Enclosure: - As above

Sd/-

Deputy Accountant General/C&AB

Registered/Confidential

✓ No. CAW/AG/AB(C)/SAR/ IIT(R)/ 361

Dated: 09-11-09

Copy along with a copy of the Audit Report for 2008-09 forwarded to the Director, Indian Institute of Technology, Roorkee for information and necessary action.

Receipt of this document may kindly be acknowledged.

Enclosure: - As above

Sd/-
Deputy Accountant General/C&AB

"वैभव पैलेस" सी-1/105, इन्दिरा नगर, देहरादून - 248006
"Vaibhav Palace" C-1/105 Indira Nagar, Dehradun - 248006
दूरभाष / Phone : 2760795 / Fax : 0135-2761783

30 MAR 2010

Separate Audit Report of the Comptroller & Auditor General of India on the accounts of Indian Institute of Technology, Roorkee for the year ended 31 March 2009


We have audited the attached Balance Sheet of Indian Institute of Technology, Roorkee (IITR) as on 31 March 2009 and Income & Expenditure Account/Receipt & Payment Account for the year ended on that date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 23 (2) of the Institute of Technology Act, 1961. These financial statements are the responsibility of the IITR's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification; conformity with the best accounting practices, accounting standard and disclosures norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency -cum performance aspects etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on test basis, evidences supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that :

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.


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- ii. The Balance Sheet and Income & Expenditure Account/Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by IITR as required under Section 23 (1) of the Institute of Technology Act, 1961 in so far as it appeared from our examination of such books.
- iv. We further report that:

A Balance Sheet

Current Liabilities (Schedule 2A, 2B, & 2C) - Rs.95.81 crore

1. The above amount does not include Rs.8.87 lacs being the value of bills submitted by the contractors prior to 31 March 2009. Liability for the same should have been provided in the accounts. This has resulted in an understatement of Current Liabilities and Works in Progress by Rs.8.87 lakh respectively.

2. Fixed Assets (Schedule. 4A - 4C) - Rs. 917.94 crore

2.1 Land at Noida- Leasehold- (Schedule. 4A) - Rs. 4.65 crore

The actual cost of the land was Rs.4.51 crore instead of Rs.4.65 crore shown in the Balance Sheet. This resulted in overstatement of cost of land at Noida and Capital Fund by Rs. 0.14 crore.

2.2 Fixed Assets (Schedule. 4A - 4C) - Rs. 917.94 crore

The above amount includes unserviceable stores valuing Rs.4.08 crore for which provision should have been made in the accounts.

2.3 Additions during the year (Building & Capital Works in Progress) (Schedule -4A) Rs. 118.20 crore

As per records of the Estate & Works of IITR, capitalization of the building and capital works in progress during the year were Rs.119.04 crore against which the Balance Sheet figure is Rs.118.20 crore. These figures need reconciliation.

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3. Cash and Bank balances (Schedule - 6B)
Boys Fund Account Rs.0.80 crore

The above amount includes Rs. 0.17 crore which pertains to the period prior to 31 March 2001. More than 7 years have elapsed; however, adjustments of these transactions have not been made. Neither reasons for non-adjustment of these transactions were furnished to audit, nor, details/relevant records provided to audit. As a result, correctness of these transactions could not be verified in audit.

4. Sundry Advances (SRIC Account)
Schedule 8A- Rs.2.88 crore

~~The above amount includes Rs.1.42 crore being the value of Equipment/Plant and Machinery which were procured and installed prior to 31 March 2009. This value should have been capitalized and shown under the head Fixed Assets, SRIC Account (Schedule 4C). This has resulted in overstatement of Sundry Advances and understatement of Fixed Assets (SRIC Account) by Rs.1.42 crore.~~


B. Income & Expenditure account

5. Other grant received/receivable (Schedule 2) - Rs. 1.44 crore

5.1 The above amount includes unspent balances of Rs.1.44 crore out of various grants, viz. Foreign Travel Grant, Grant for Contingencies, and Grant for Fellowship/Scholarship. As the grants stood sanctioned for specific purposes, the unspent balances should have been treated as Current Liabilities. This resulted in overstatement of Income and understatement of Current Liabilities by Rs.1.44 crore respectively.

5.2.1. Establishment Expenses (Schedule. 7) - Rs. 64.88 crore

This includes medical expenses of Rs.2.46 crore inclusive of closing stock of medicines worth Rs.0.22 crore. The medicines actually consumed during the year should have been treated as medical expenses and closing stock should have been shown as stores under Current Assets. This resulted in overstatement of expenses and understatement of stores by Rs.0.22 crore.


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C. Accounting Policies- (Schedule. 10)

6. The IITR had capital commitment valuing Rs. 83.24 crore on various capital works pending execution for completion as on the Balance Sheet date. This has not been disclosed in the notes to accounts.

D. Grants-in-aid

7. Out of the grants in aid of Rs. 284.98 crore received by IITR during 2008-09, IITR could utilize a sum of Rs. 266.17 crore leaving a balance of Rs. 18.81 crore as unutilized grants as on 31 March 2009.

E. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the IITR through a management letter issued separately for remedial/corrective action.

v Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure Account/Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.

vi In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

- a In so far as it relates to the Balance Sheet, of the state of affair of the IITR as on 31 March 2009; and
- b In so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the
Comptroller & Auditor General of India

Pranab Kumar
Accountant General

Place: Dehradun
Date

[Signature]
30 MAR 2009

Audit Certificate

I have audited the attached Balance Sheet of Indian Institute of Technology, Roorkee as at 31 March 2009 and Income and Expenditure Account and Receipts and Payment Account for the year ended on that date. Preparation of these financial statements is the responsibility of the Institute's management. My responsibility is to express an opinion on these financial statements based on my audit.

I have conducted my audit in accordance with applicable rules and the auditing standards generally accepted in India. These standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. I believe that my audit provides a reasonable basis for my opinion.

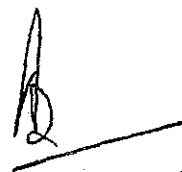
Based on our audit, I report that:

1. I have obtained all the information and explanation, which to the best of our knowledge and belief were necessary for the purpose of my audit.
2. Subject to the observations in the Audit Report annexed herewith, I report that the Balance Sheet, the Income and Expenditure Account and Receipts and Payments Account dealt with by this report are properly drawn up and are in agreement with the books of accounts.
3. In my opinion and to the best of my information and according to the explanations given to me:
 - (i) The accounts give the information required under the prescribed format of accounts; and
 - (ii) The said Balance Sheet, Income and Expenditure Account and Receipts and Payment Account read together with the Accounting Policies and Notes thereon and subject to the matters mentioned in the Audit Report annexed herewith, give a true and fair view.
 - (a) In so far as it relates to the Balance Sheet of the state of affairs of the Indian Institute of Technology, Roorkee as at 31 March 2009; and
 - (b) In so far as it relates to the Income and Expenditure Account of surplus for the year ended on that date.


Accountant General

Place: Dehradun

Date: 6-11-2009


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Annexure - I to Audit Report

1. Adequacy of Internal Audit system

The Internal Audit Wing of IITR was set up in March 2009 with a strength of 3 personnel. However, the Wing is not yet functional (August 2009). Thus, the adequacy of the Internal Audit Wing of IITR could not be ascertained with respect to the magnitude of the operations and functions of the IITR.

2. Adequacy of Internal Control System

During the last audit 2007-08 of the Institute, Audit was assured that a separate cell for Internal Control would be established soon. However, audit could not find a separate Internal Control mechanism in place in IITR except for a non- functional Internal Audit Wing with only 3 personnel.

3. System of physical verification of fixed assets

Physical verification of fixed assets pertaining to each department is to be conducted by the individual department. Most of the departments had completed the process.


4. System of physical verification of inventories

The purchases are made by individual departments and the physical verification had been conducted by respective departments.

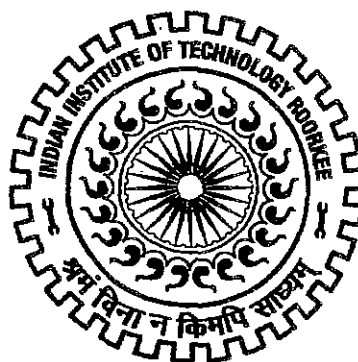
5. Regularity in payment of statutory dues.

The statutory dues are paid regularly and in due time.


Deputy Accountant General


30 MAR 2009

**ACTION TAKETN ON THE FINAL AUDIT REPORT
FOR THE F.Y. 2008-2009**



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

30 MAR 2009



INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

PARAWISE REPLY TO THE FINAL SEPARATE AUDIT REPORT ON THE ACCOUNTS OF THE INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE FOR THE F. Y. 2008-2009

	Audit Observation	Institute Reply at the time of audit	Action Taken on the Audit Report
1.	Introductory		
1.	We have audited the attached Balance Sheet of Indian Institute of Technology, Roorkee (IITR) as at 31 st March 2009 and Income & Expenditure Account / Receipts & Payment Account for the year ended on that date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 23 (2) of the Institute of Technology Act, 1961. These financial statements are the responsibility of the IITR's management. Our responsibility is to express an opinion on these financial statements based on our audit.	No Comments	No action required
2.	This Audit Report contains the comments of the Comptroller Auditor General of India (CAG) on the accounting treatment only with regard the classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc. if any are reported through Inspection	No Comments	No action required

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	Reports/ CAG's Audit Reports separately.		
3.	<p>We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluation the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.</p>	No Comments	No action required
4.	<p>Based on our audit, we report that:</p> <ul style="list-style-type: none"> i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit; ii) The Balance Sheet and Income & Expenditure Account / Receipts & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance under Section 23 (I) of the Institute of Technology Act, 1961. iii) In our opinion, proper books of accounts and other relevant 	No Comments	No action required

	records have been maintained by the IITR as required under Section 23 (I) of the Institute of Technology Act, 1961 in so far as it appeared from our examination of such books. iv) We further report that:		
A	<u>Balance Sheet</u>		
1	<u>Current Liabilities (Schedule 2A, 2B, & 2C) - Rs.95.81 crore</u> The above amount does not included Rs. 8.87 lacs being the value of bills submitted by the contractors prior to 31 March 2009. Liability for the same should have been provided in the accounts. This has resulted in an understatement of Current Liabilities and Works in Progress by Rs. 8.87 lacs respectively.	Regarding the bills of contractors amounting to Rs. 8.87 lacs, we submitted that the bills were submitted to the Estate and Works Division prior to 31 st March 2009 that the same were not forwarded to the main account section for perusal and payment due to which the same were not accounted for.	The same bill has been paid/ accounted for in April, May & June 2009. These types of bills shall be noted for future compliance.
2.	<u>Fixed Assets (Schedule. 4A-4C) Rs. 917.94 crore</u>		
2.1	<u>Land at Noida- Leasehold (Sch. 4A) - Rs. 4.65 crore</u> The actual cost of the land was Rs. 4.51 crore instead of Rs. 4.65 crore shown in the Balance Sheet. This resulted in overstatement of cost of land at Noida and Capital Fund by Rs. 0.14 crore.	The amount of Rs. 0.14 crore has been erroneously capitalized twice in the Fixed Assets and the same shall be rectified in the current F. Y. 2009-10.	The same shall be rectified in the current F. Y. 2009-10.
2.2	<u>Fixed Assets (Sch. 4A - 4C) - Rs. 917.94 crore</u> The above amount includes unserviceable stores valuing Rs. 4.08 crore for which provision should have been made in the accounts.	Regarding the writing off of unserviceable fixed assets the procedure of writing off of assets as per stores rules no. 6 applicable to the Institute is as under. After approval of the	Some of the unserviceable stores has been written off during the F. Y. 2009-10

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		<p>competent Financial Authority, a proper notification for writing off is to be issued by the Deputy Registrar.</p> <p>Therefore unless and until the final notification for writing off is received by the Deputy Registrar for writing off the Fixed Assets, the same cannot be accounted for in the books of accounts.</p> <p>The process of assessing the unserviceable fixed assets of different departments is under process.</p>	
2.3	<p><u>Additions during the year</u> <u>(Building & Capital Works in Progress) (Schedule-4A)</u> <u>Rs. 118.20 crore</u></p> <p>As per records of the Estate & Works ITR capitalization of building and capital works in progress during the year were Rs.119.04 crore against which the Balance Sheet figure is Rs. 118.20 crore. This figures need reconciliation.</p>	<p>The additions to Building and Capital works in progress as considered by the audit team for Rs. 119.04 crores is based on the detail submitted by the Estate and Works Division which are only tentative figures and the amount shown in the Balance Sheet is the final figures based on the actual transaction incurred and accounted for during the year.</p> <p>Therefore the addition of Building and capital work in Progress as depicted in the Balance Sheet to the time of Rs. 118.20 crores is accurate and final. Hence, there is no</p>	<p>The figures provided to auditors by Estate & Work Deptt. have been reconciled with the Finance & Accounts Recorded and found the figures of F & A is correct. Hence the amount depicted in the Balance Sheet is final.</p>

		understatement of Building.	
3	<p>Cash & Bank balances (Sch. 6B)</p> <p>Boys Fund Account Rs.0.80 crore</p> <p>The above amount includes Rs.0.17 crore which pertains to the period to 31 March 2001. More than 7 years have been elapsed; however adjustments of these transactions have not been made. Neither reasons for non adjustment of these transactions were furnished to audit nor details/relevant records provided to audit. As a result, correctness of these transactions could not be verified in audit.</p>	The matter has already under consideration with the competent authority.	The same shall be adjusted in the F. Y. 2009-10
4	<p><u>Sundry Advances (SRIC Account)</u></p> <p><u>Schedule 8A - Rs.2.88 crore</u></p> <p>The above amount includes Rs. 1.42 crore being the value of Equipments/Plant and Machinery which were procured and installed prior to 31 March 2009. This value should have been capitalized and shown under the head Fixed Assets SRIC Account (Schedule 4C). This has resulted in overstatement of Sundry Advances and understated of Fixed Assets (SRIC Account) by Rs. 1.42 crore.</p>	<p>As regards the equipments /plants and machines amounting to Rs. 1.42 crores which we processed and installed prior to march 2009 we would like to submit that the machines have been purchased on the bases of advances taken by departmental official for procurement. Therefore unless and until the advance get adjusted by the Department Official the same cannot be accounted for in the books of accounts and adjusted.</p> <p>In this case also, although the machines were procured / installed the advances were adjusted after 31st march 2009,</p>	The equipment/ plant and machinery which were procured and installed prior to 31 st March 2009, have been capitalized. The same LC advances related to equipment/plant and machinery has been adjusted during the year 2009-10 on LC negotiation.


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		Therefore the same are depicted in sundry advances and not adjusted in the fixed assets.	
B	Income & Expenditure Account		
5	<u>Other grant received/receivable</u> <u>(Schedule 2) Rs.1.44 crore</u>	The same is noted for future compliance.	The same is noted for future compliance.
5.1	The above amount includes unspent balance of Rs. 1.44 crore out of various grants i.e. Foreign Travel Grant, Grant for Contingencies and Grant for Fellowship/Scholarship. As the grants stood sanctioned for specific purposes, the unspent balances should have been treated as Current Liabilities. This resulted in overstatement of Income and understatement of Current Liabilities by Rs.1.44 crore respectively		
5.2.1	<u>Establishment Expenses (Sch. 7) -</u> <u>Rs. 64.88 crore</u> This includes medical expenses of Rs.2.46 crore inclusive of closing stock of the medicines worth Rs.0.22 crore. The medicines actually consumed during the year should have been treated as medical expenses and closing stock should have been shown as stores under Current Assets. This resulted in overstatement of expenses and understatement of stores by Rs.0.22 crore.	The same has been noted for future compliance.	The same has been noted for future compliance and in the Balance Sheet as on 31.3.2010 the same shall be shown separately,
C	Accounting Policies (Sch. 10)		
6	The Indian Institute of Technology Roorkee (IITR) has capital commitment valuing Rs. 83.24 crore on various capital works pending execution for completion as on the	Regarding the audit para towards capital commitment of estimated value of contracts remaining to be executed	Regarding the audit para towards capital commitment of estimated value of contracts remaining

	balance Sheet date. This has not been disclosed in the notes to accounts.	amount to Rs. 83.24 crore we hereby submit that these type of capital contracts is a routine feature of acquisition of Fixed Assets and the same is not a policy matter, hence need not be disclosed in the schedule-10 on Accounting Policies.	to be executed amount to Rs. 83.24 crore we hereby submit that these type of capital contracts is a routine feature of acquisition of Fixed Assets and the same is not a policy matter, hence need not be disclosed in the schedule-10 on Accounting Policies.
D	Grants-in-aid		
7	Out of the grants in aid of Rs. 284.98 crore received by IITR during 2008-09. IITR could utilize a sum of Rs. 266.17 crore leaving a balance of Rs. 18.81 crore as unutilized grants as on 31 March 2009.	The unspent balance of Grants Rs. 18.81 is related to 6 th pay commission for payment of unpaid arrears of 2008-09	The unspent balance of Grants Rs. 18.81 is used for payment of unpaid arrears of 6 th pay commission
	Annexure- 1 to Audit Report		
1	<p><u>Adequacy of Internal Audit system</u></p> <p>The Internal Audit Wing of IITR was set up in March 2009 with strength of 3 personnel. However, the Wing is not yet functional (August 2009). Thus, the adequacy of the Internal Audit Wing of IITR could not be ascertained with respect to the magnitude of the operational and functions of the IITR.</p>	<p>The audit cell of the Institute was established in the month of March 2009 and the same started its functioning also from the same month. However, in the initial stage only the transactions/vouchers pertaining to MHRD grant ranging from Rs. 15000.00 to 100000.00 are covered for pre-audit verification. Further it is submitted that we plan to extend the coverage of internal audit cell to cover all the department /centres/</p>	<p>Now in this F. Y. 2009-10 all the transactions related to MHRD Grants having value above Rs. 15000/- are being passing through Internal Auditl.</p>

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		divisions/ grants/ offices etc. for all transactions above Rs. 15000.00 with immediate effect.	
2	<u>Adequacy of Internal Control System</u> During the last audit 2007-08 of the Institute, Audit was assured that separate cell for Internal Control would be established soon. However, audit could not find a separate Internal Control mechanism in place in IITR except for a Non-functional Internal Audit Wing with only 3 personnel.	Same reply as above	Same reply as above
3	<u>System of physical verification of fixed assets.</u> Physical verification of fixed assets pertaining to each department is conducted by the individual department. Most of the departments have completed the process.	Efforts are being made for strengthening the system of physical verification at the departmental levels.	Efforts are being made for strengthening the system of physical verification at the departmental levels.
4	<u>System of physical verification of inventories.</u> The purchases are made by individual department and the physical verification has been conducted by that department.	Same reply as on 3	Same reply as on 3
5	<u>Regularity in payment of statutory dues.</u> The statutory dues are paid regularly and due time	The statutory dues are paid regularly and in due time	The statutory dues are paid regularly and in due time


30 MAR 2009

Management Letter

	Audit Observation	Institute Reply at the time of audit	Action Taken on the Audit Report
1	<p>Expenses Payable as at 31 March 2009 (Schedule-3) Rs. 4.77 crore</p> <p>The above amount does not include Rs. 0.02 crore being the amount of Electricity bills and Telephone bills for the month of March 2009. The resulted in understatement of Current Liabilities and overstatement of Surplus for the year by Rs.0.02 crore respectively.</p>	<p>The audit observation is noted for future compliance for DPT Saharanpur.</p>	<p>The audit observation is noted for future compliance for DPT Saharanpur.</p> <p>Necessary rectification has been made and the same may be verified in the current F. Y. 2009-10.</p>
2	<p><u>Fixed Assets</u></p> <p>Fixed Assets Register does not have product-wise/department-wise and year-wise details of the Fixed Assets due to which correctness of the Fixed Assets appeared in the Balance sheet could not be verified in the audit.</p>	<p>The centralized Fixed Assets Register has been prepared in the standard format of Assets Register which contains all the detail regarding product wise details/ organization wise and year wise detail. The figures are accurate and completely tallied with the Balance Sheet figures.</p>	<p>The same may be verified in the current F. Y. 2009-10.</p>
3	<p><u>Investment (Schedule 5A) Rs.57.03 crore</u></p> <p>The above amount has been deposited in different banks as fixed deposits. Thus, it should have been shown as term deposits (fixed deposits) under the head Cash and Bank Balances instead of Investments as required in</p>	<p>The audit observation is noted for future compliance.</p>	<p>The audit observation is noted for future compliance.</p>

[Signature]
30 MAR 2010

	uniform format of accounts This resulted in overstatement of Investment and understatement of Cash & Bank Balances by Rs.57.03 crore respectively		
4	<p><u>Sundry Advances (Schedule 8)</u></p> <p><u>Rs.0.66 crore</u></p> <p>The above amount includes Rs.0.044 crore being the amount of advances given IITR personnel for various purposes such as TA advance /LTC advances during the period from March 1989 to March 2008 which were adjusted prior to 31 March 2009 but not adjusted in the accounts. This has resulted in overstatement of Sundry Advances and Surplus for the year 2008-09 by Rs. 0.044 crore.</p>	<p>Regarding the outstanding amount of sundry advances amounting to Rs. 0.044 crores we hereby submit that in the maximum of these case only paper adjustment is pending due to over sightedness that shall be adjusted in the current F. Y. . 2009-10. Further, if any amount is found recoverable the same shall be recovered from the concerned. Further, most of these advances have been adjusted after 31st March 2009.</p>	<p>The same shall be rectified in the current F. Y. 2009-10.</p>
	<u>General</u>		
5	<p>As per Accounting Standard 15 (AS-15) Leave Encashment and Gratuity is required to prepared on actuarial valuation basis. Accordingly provision for the same should be made in the accounts of the concerned organization. However, despite similar audit observations during consecutive past audit of IITR in 2006-07 & 2007-08, no provision for the same was made in their accounts..</p>	<p>Regarding the provision for leave encashment & gratuity in compliance to AS-15, it is assured that the process of the same is in pipe line & the same shall be provided in the Balance Sheet for the F. Y. 2009-10.</p>	<p>Regarding the provision for leave encashment & gratuity in compliance to AS-15, it is assured that the process of the same is in pipe line & the same shall be provided in the Balance Sheet for the F. Y. 2009-10.</p>

[Signature]
30 MAR 2009