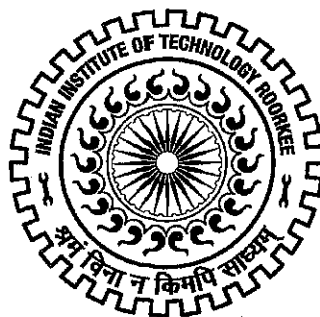


अभिशासक परिषद्
की ग्यारहवीं बैठक का कार्यवृत्त
**MINUTES OF THE 11TH MEETING OF THE
BOARD OF GOVERNORS**

16TH MARCH 2005



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



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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667



MINUTES OF THE 11th MEETING OF THE BOARD OF GOVERNORS HELD ON 16th MARCH 2005 AT 02.00 P.M. IN THE BOARD ROOM OF THE INSTITUTE.

PRESENT:

1.	Prof. Prem Vrat	In the Chair
2.	Prof. K.N.Shukla	Member
3.	Dr. D.V. Singh,	Member
4.	Mr. Arun Kapur	Member
5.	Mr. Sirajuddin Qureshi	Member
6.	Prof. H.K.Verma	Member
7.	Prof. A.K.Jain	Member
8.	Prof. S. Ray, Dean Administration	Special Invitee
9.	Prof. A.K.Awasthi, Dean of Faculty Affairs	Special Invitee.
10.	Mr. Prem Kumar, Under Secretary, MHRD	Special Invitee
11.	Lt. Col. (Retd.) A. K. Srivastava, Registrar	Secretary

At the outset, Lt. Col. A.K. Srivastava, Registrar and Secretary, Board of Governors informed the Board that the Hon'ble Visitor had yet to nominate the new Chairman of the Board of Governors of the Institute, and requested the members to nominate one of the Members to chair the current meeting. In accordance with Statute 3 (f), Professor H.K. Verma proposed the name Prof. Prem Vrat, Director of the Institute to chair the 11th meeting of the Board of Governors; Messrs. Arun Kapur, Sirajuddin Qureshi and Dr. D. V. Singh seconded the same.

At the outset, the Director (in the Chair) acknowledged the immense contribution of the outgoing Chairman Professor S.K. Joshi during his tenure, which had facilitated the smooth transition of the University of Roorkee into the Indian Institute of Technology Roorkee. The Director (in the Chair) welcomed the members to the 11th Meeting of the Board of Governors, including the under-mentioned new members, and solicited their valuable contribution and active participation in its functioning:

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1. Dr. D.V.Singh
Divisional Head,
Divisional Plant Pathology
Indian Agricultural Research Institute, New Delhi
2. Mr. Arun Kapur
Chairman & Managing Director
Limrose Engineering Pvt. Ltd., New Delhi
3. Mr. Sirajuddin Qureshi
Managing Director
Hind Agro Industries Ltd., New Delhi

The Director (in the Chair) also welcomed Mr. Prem Kumar, Under Secretary, MHRD who attended the meeting as a special invitee. The apology of Mr. Avay Shukla, IAS, Principle Secretary (TE), Govt. of H.P. were recorded for not attending the meeting.

The agenda was then taken up.

Item No.11.1.1: To confirm the minutes of the 10th Meeting of the Board of Governors held on 20th September 2004.

The minutes of the 10th meeting of the Board of Governors held on 20th September 2004 were confirmed with the following observations on Item No. 10.4.5.

Item No. 10.4.5: To consider the request of the retired employees of the Institute for retention of Institute accommodation for a period of one year from the date of retirement:

The Board considered the comments received from Prof. A.K.Jain on item No. 10.4.5 of the minutes of the Board of Governors held on 20.9.2004. It was decided that the minute on which the comments had been received, be reworded as under:

RESOLUTION NO.BG/65/2004: "RESOLVED THAT henceforth the concerned employees be allowed to stay in their present accommodation for the first four month on payment of the Standard License Fee. They can be further allowed to stay for next four months on double the Standard License Fee, on permission granted by the Director of the Institute. No further extension beyond eight months would be permitted".

Item No.11.1.2: To receive a report on the action taken on the decisions of the previous meeting of the Board of Governors held on 20th September 2004 and pending items of previous meetings of the Board.

The Board **NOTED** the position of the actions taken on the Minutes of the said meeting.

Item No. 11.1.3: To receive a brief report on the academic activities of the Department of Earth Sciences.

The presentation made by Prof. V.N.Singh, Head of the Department of Earth Sciences on the academic activities/achievements of the Department was appreciated and evoked considerable interest from the members of the Board.

Item No. 11.1.4: To receive a report of the Director on the significant developments/ issues since the last meeting of the Board held on 20.9.2004:

The Board appreciated the report presented by the Director highlighting the significant developments/ issues with special reference to (a) Accelerated Growth of the Institute during the three and a half years of transition (b) Director's Academic Activities (c) the Fourth Annual Convocation (d) Honours and Awards to Faculty (e) Placement of students (f) Admissions (g) Entrance Examinations (h) Research & Development (i) Consultancy Projects (j) Administrative Appointments (k) Faculty Affairs (l) Budget Committee meetings (m) Memoranda of Understanding signed (n) Events Organised (o) Students' Activities (p) New Equipment procured/ Laboratories established (q) Seminars/ Workshops/ Short Term Courses conducted (r) Important visitors to the Institute (s) Retirements (t) New Initiatives.

Item No. 11.2.1: To consider the demolition of 15 Nos. old residences No.43/1 to 43/15, Govindpuri as recommended by the B&WC.

RESOLUTION NO. BG/01/2005: RESOLVED THAT as recommended by the Building & Works Committee, the demolition of 15 old residences, No. 43/1 to 43/15, Govindpuri be approved.

Further, the Board decided that the other unsafe structures should be identified in accordance with the Master Plan and future expansion plans of the Institute and be demolished after obtaining approval of the Board of Governors.

Item No. 11.2.2: To consider according Revised Administrative Approval and Expenditure Sanction to the Revised Preliminary Estimate for construction of the Community Centre amounting to Rs. 173.00 lakhs, as recommended by the B&WC, due to reduction in the scope of work.

The Finance Committee had considered this proposal vide item No. 11.12. 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/02/2005: RESOLVED THAT the Revised Estimate for Rs. 173.00 lakhs as recommended by the Building & Works Committee and the Finance Committee for construction of the Community Centre, as given at **Appendix 'A'**, be approved.

Item No. 11.2.3: To consider the execution of Contract Agreements for works by the Contractors on stamp paper worth Rs. 100/-, as recommended by the Building and Works Committee.

The Finance Committee had considered this proposal vide item No. 11.13. 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/03/2005: RESOLVED THAT as recommended by the Building and Works Committee and the Finance Committee, the Contract Agreements for Works should be executed by the Contractors on stamp paper worth Rs. 100/-.



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Item No.11.2.4: To consider the revision of powers of the Institute Engineer for the award of works on work orders as recommended by the B&WC.

The Finance Committee had considered this proposal vide item No. 11.14. 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/04/2005: RESOLVED THAT as recommended by the Building & Works Committee and as modified by the Finance Committee, the powers of the under-mentioned Officers for award of works on work order be revised/approved as under:

- | | | | |
|-----|--|---|------------------------------|
| (a) | Institute Engineer | - | Rs. 50,000/- per work order. |
| (b) | Professor (Chairman)
Estate & Works, who
has the status of a
Head of the Department | - | Rs. 75,000/- per work order. |

Item No. 11.2.5: To consider the recommendation of the Senate to start the Bachelor of Technology (Biotechnology) Degree Programme.

RESOLUTION No. BG/05/2005: RESOLVED THAT as recommended by the Senate, the proposal to start the Bachelor of Technology (Biotechnology) Degree Programme in the Department of Biotechnology be approved. The course may be started from the session 2005-2006, subject to the Senate's concurrence.

Item No. 11.2.6: To receive the Minutes of the 9th meeting of the Building & Works Committee held on 10th February 2005.

The Board noted the Minutes of the 9th meeting of the Building & Works Committee held on 10th February 2005.

Item No.11.3.1: Introduction of a scheme for hiring Adjunct Faculty, particularly from industries/R&D Organizations/ other organizations around Roorkee.

RESOLUTION No. BG/06/2005: RESOLVED THAT the scheme for hiring Adjunct Faculty/Adjunct Professors to



enrich the academic curriculum and research through participation of qualified engineers, scientists, managers and others from the industry, R&D laboratories and other organizations around Roorkee, given at **Appendix 'B'**, be approved. Such faculty may be designated as Adjunct Faculty or Adjunct Professor on a level-to-level basis with reference to their job position in the parent organisation, experience and qualifications.

Item No. 11.3.2: Introduction of a scheme for inviting outstanding personalities as Honorary Visiting Professors in Sciences (including Social Sciences), Engineering and Technology, Management and other related fields.

RESOLUTION No. BG/07/2005: RESOLVED THAT the scheme for inviting outstanding personalities as Honorary visiting Professors in Sciences (including Social Sciences), Engineering and Technology, Management and other related fields, given at **Appendix 'C'**, be approved.

Item No. 11.3.3: To consider the Constitution of a Medical Board in terms of Statute 14(7) of IIT Roorkee

RESOLUTION No. BG/08/2005: RESOLVED THAT in terms of Statute 14(7) the under-mentioned constitution of a Medical Board, for the medical examination of such employees whose retention in the Institute's service is considered undesirable on medical grounds, be approved:

- (1) Chief Medical Officer of the Institute - Chairman
- (2) One Medical Officer from Govt. Hospital - Member
Roorkee
- (3) One outside Expert from a reputed - Member
Government Medical College/
Government Hospital

Further, the Board authorised the Director to appoint the members at serials 2 & 3 of the Medical Board, in each case.



Item No. 11.3.4: To consider the eligibility for time-scale in Group 'D' from the date of entry to Group 'D' positions, for employees who have been mapped from University of Roorkee to IIT Roorkee.

RESOLUTION No. BG/09/2005: RESOLVED THAT the period of eligibility for time scales in respect of those Group 'D' employees who have been taken over from the University of Roorkee through mapping, be counted from the date of their joining an entry level Group 'D' post.

The Board further decided that before implementing this decision, the Institute should ensure that it should not have any side effect on the other grades/ cadres.

Item No. 11.3.5: Financial assistance to foreign students visiting IIT Roorkee under different Memoranda of Understanding.

The Finance Committee had considered this proposal vide item No. 11.6. 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/10/2005: RESOLVED THAT Financial Assistance be provided to the foreign students visiting IIT Roorkee under the various Memoranda of Understanding, from the Non-Plan funds, wherever such assistance has to be provided on reciprocal basis under the terms of the MoU. The provisions of the assistance are:

- (a) Scholarship @ Rs. 4,000/- p.m.
- (b) Free accommodation.

Item No. 11.3.6: Relaxation in educational qualifications for appointment to entry level Group 'D' posts in respect of the dependants of deceased employees on compassionate grounds.

RESOLUTION No. BG/11/2005: RESOLVED THAT the educational qualifications for appointment on compassionate grounds to entry level Group 'D' posts in respect of the dependants of deceased employees, be approved as under:

(a) Where the widow of a deceased employee is appointed on compassionate grounds to a Group 'D' post, the qualifications be relaxed/approved as under:

(i) For the post of Peon Grade-II - Passed 8th class.

(ii) For the post of Mali Grade-II/
Sweeper Grade-II - Passed 5th class.

(iii) The subsequent up-gradations i.e. the benefits of the MACP, promotion etc., will be admissible to such incumbents only after they acquire the prescribed qualifications as per the MACP. This condition must be specifically mentioned in the appointment letter and also entered in the Service Book of the concerned employee.

(b) In the case of a dependant other than the widow of a deceased employee, there will be no relaxation in the qualifications for appointment.

Item No. 11.3.7: To consider the contribution to the Professional Development Fund (PDF) as incentive for the Joint Entrance Examination (JEE)/Graduate Aptitude Test in Engineering (GATE)/Joint Entrance to Master of Science Examination (JAM) work as recommended by the Board for Sponsored Research and Industrial Consultancy (SRIC).

The Finance Committee had considered this proposal vide item No. 11.11. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

RESOLUTION No. BG/12/2005: RESOLVED THAT the contribution to the Professional Development Fund (PDF) as incentive for the JEE/GATE/JAM work be approved as under:

(i) At the macro level, up to 20% of the overall savings from the said examinations may be credited to the PDF, that is to say that if the savings are one crore, a maximum of 20 lakhs can be credited to the PDF account, from the overall savings.



- (ii) In individual cases, the maximum amount which can be credited to the PDF of a Faculty Member will be calculated @ of 40% of the remuneration paid to him, that is to say that if a person is paid Rs. 1.00 lakh as remuneration from the concerned examination, a maximum of Rs. 40,000/- can be credited to his PDF, from the overall savings.

The matter be referred to the MHRD (IFD) for taking a final view in the matter, in accordance with the comments on the said agenda item that were received from the Ministry.

Item No. 11.3.8: To consider the criteria for allowing a change in the Home Town, once in the entire service.

RESOLUTION No. BG/13/2005: RESOLVED THAT the criteria for allowing a change in the Home Town, once in the entire service be approved as per the guidelines given at Appendix 'D'.

Item No. 11.3.9: To consider the applicability of the old retirement benefit schemes to the incumbents who have joined or are joining the Institute from Central Government/Central Autonomous bodies on or after 1.1.2004, vis-à-vis the New Pension Scheme, which became applicable from 1.1.2004.

The Finance Committee had considered this proposal vide item No. 11.16. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

RESOLUTION No. BG/14/2005: RESOLVED THAT the old pension facility be admissible to those who were enjoying this facility under the State or Central Government or autonomous body fully or substantially funded by the Central or State Government before 1.1.2004. No pension would be admissible to those appointed on contract basis before 1.1.2004 even though they may have been regularized subsequently after 1.1.2004 without any break in service. This would be treated as fresh employment.

Further, the Board decided that a reference be made to Ministry on the mode of operation of Tier-I of the New Pension Scheme.



Item No. 11.4.1: To consider granting the pay scales of the respective posts to the undermentioned officers as indicated against each, in their relevant group ladder:

- | | |
|---|----------------|
| 1. Lt. Col.(Retd.) A.K.Srivastava
Registrar | Rs.16400-22400 |
| 2. Mr. Subodh Kumar,
Workshop Supdt. | Rs.12000-18300 |
| 3. Mr. Madhurjee (alias R.P.Pandey)
Public Relations Officer | Rs.12000-18300 |

The Board was informed by the Registrar that the matter of granting pay scale to Mr. Subodh Kumar, Workshop Superintendent at Department of Paper Technology is subjudice and the Registrar was then allowed to withdraw from the meeting on his own request as the matter under consideration, also concerns him.

RESOLUTION No. BG/15/2005: RESOLVED THAT

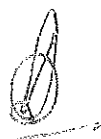
(a) The Board may not discuss the case of Mr. Subodh Kumar as the matter is sub-judice.

(b) For the other two Officers, assessment committees, having the same composition as the selection committees for their respective posts, may be constituted to assess their experience, qualification and performance over the last five years of their service, in the context of granting them the higher pay scales.

(c) The grant of higher pay scale will be effective from the date of the assessment, if the Officer concerned is found suitable for up-gradation of pay scale on the basis of such assessment. The pay fixation will be according to the norms of fitment to a higher scale.

Item No. 11.4.2: To consider the budget proposal for Rs. 20.52 lakhs to engage staff on contract basis for a period of five years for the Central NMR facility.

The Finance Committee had considered this proposal vide item No. 11.5. 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/16/2005: RESOLVED THAT the under-mentioned technical staff be engaged on contract basis for a period of one year initially, renewable at the sole discretion of IIT Roorkee. The remuneration and qualifications should be as per IIT Roorkee norms:

- | | |
|--------------------------------|--------|
| 1. Scientific Officer Grade-II | 2 Nos. |
| 2. Technical Assistant | 1 No. |

Item No. 11.4.3: To consider the budget for Rs. 75.00 lakhs for procurement of Associated Equipment for setting up the NMR facility

The Finance Committee had considered this proposal vide item No. 11.4. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

RESOLUTION No. BG/17/2005: RESOLVED THAT a sum of Rs. 75.00 lakhs for purchasing the associated equipment for setting up the Central NMR facility as given at **Appendix 'E'**, be allocated from the Plan Grant.

Item No. 11.4.4: To consider the Budget Estimate for the year 2005-2006 under Plan and Non-Plan.

The Finance Committee had considered this proposal vide item No. 11.10. 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/18/2005: RESOLVED THAT the Budget Estimate for the year 2005-2006 under Plan and Non-Plan heads as given at **Appendix 'F'** be approved. The Board further observed that a proposal detailing the deficits for 2004-05 should be sent to the Ministry separately, with a request to release additional grants during 2005-06. In the Plan Head, where Letters of Credit had not been opened, the expenditure be deferred to 2005-06.



Item No. 11.4.5: To consider extension of the Extra Ordinary Leave (EOL) without pay beyond the maximum limit of two years & permission to join the post of Professor by 31.7.2005 after the expiry of the panel, in respect of Dr. V.P. Singh, Associate Professor, DPT Saharanpur.

RESOLUTION No. BG/19/2005: RESOLVED THAT;

- (a) Request for extension of Extra Ordinary leave up to 31st July 2005 be accepted.
- (b) Dr. V.P. Singh may be informed that the panel for Professor in the Department of Paper Technology is only valid up to 15th April 2005.
- (c) The Agreement/Undertaking Format be modified to provide for a maximum of two years of extraordinary leave with no provision for extension thereafter, by deleting the words **"however the Board of Governors of the Institute in its discretion, may in special circumstances on the request of the 'Executant', named above, extend the leave for such period as it may deem fit"**, and the words **"or such extended period of leave as the Board may be pleased to extend"**.
- (d) This modification would be applicable to the cases of the persons who proceed on extra ordinary leave in the future.

Item No. 11.4.6: To request the Ministry of Human Resource Development to sanction regular positions for recruitment of one Security Officer and three Assistant Security Officers.

The Finance Committee had considered this proposal vide item No. 11.7. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

RESOLUTION No. BG/20/2005: RESOLVED THAT a proposal for sanctioning the regular positions of one Security Officer and three Assistant Security Officers with full details/justification be sent to the MHRD for approval.



Item No. 11.4.7: To consider the transitory provisions in the context of constitution of the Faculty Forum approved by the Board of Governors.

RESOLUTION No. BG/21/2005: RESOLVED THAT the Elections of Officer Bearers of the Faculty Forum be conducted within two months of the minutes being notified. The Patron may appoint a Returning Officer for this purpose. The new Executive Committee will hold the office till 31st May 2007.

Item No. 11.4.8: Request of Dr. P.K. Ghosh, Professor, Department of Met. & Mat. Engineering Regarding anomaly of pay scale for the period 09.04.1996 to 27.06.2001.

The Finance Committee had considered this proposal vide item No. 11.8. 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/22/2005: RESOLVED THAT the incumbent's case be sent to the MHRD with the complete facts, including the fact that the University of Roorkee pay scales in respect of Faculty were identical to the IIT pay scales since 1986.

Item No. 11.4.9: To consider the proposal of Professor & Head, Institute Computer Centre (ICC) and of Institute Instrumentation Centre (IIC) for creation additional posts for appointment on contract basis.

The Finance Committee had considered this proposal vide item No. 11.9. 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/23/2005: RESOLVED THAT the under-mentioned staff be engaged on contract against comparable vacant posts only for one year and in the meantime a case for filling the posts on regular basis with full details/justifications, be sent to the MHRD. The qualifications and remuneration will be as per IIT Roorkee norms.



Institute Computer Centre

- | | |
|--------------------------|--------|
| (a) Technical Assistant | 4 Nos. |
| (b) Laboratory Assistant | 2 Nos. |

Institute Instrumentation Centre

- | | |
|----------------------|-------|
| Laboratory Assistant | 1 No. |
|----------------------|-------|

Item No.11.4.10: To consider filling up entry level Group 'C' posts from the qualified Group 'D' employees through internal selection/promotion.

RESOLUTION No. BG/24/2005: RESOLVED THAT the proposal for filling up Group 'C' entry level positions by Group 'D' employees through internal selection/promotion subject to their possessing the essential qualification and fulfilling the provisions of reservation be accepted in principle with the proviso that the recruitment rules/procedure be framed/amended accordingly, so as to provide promotional avenues to the Group 'D' staff. A comprehensive proposal for approval of the recruitment rules of the Institute should be brought before the BOG.

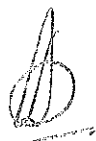
Item No.11.4.11: To consider the report of One-man Enquiry Committee constituted to examine the complaints, grievances of Mr. P.K. Patel, Associate Professor, Arch. & Planning Department.

RESOLUTION No. BG/25/2005: RESOLVED THAT the report of One-man Enquiry Committee constituted to examine the complaints, grievances of Mr. P.K. Patel, Associate Professor, Arch. & Planning Department as given at **Appendix 'G'** be accepted.

Item No.11.4.12: Signing of Memoranda of Understanding with different Universities/ Institutions abroad

RESOLUTION No. BG/26/2005: RESOLVED THAT as recommended by the Educational Research & Planning Committee, Memoranda of Understanding may be signed with the under mentioned Universities:

1. Queensland University of Technology, Australia
[Refer Appendix 'H']



2. University of Western Ontario, Canada
[Refer Appendix 'I']
3. Technische Universitat Muenchen (TUM) Germany
[Refer Appendix 'J']
4. IHM-Karlsruhe, Germany
[Refer Appendix 'K']
5. UNESCO-IHE, Delft, The Netherlands
[Refer Appendix 'L']

Item No.11.4.13: To consider the nomination of five members on the Building and Works Committee.

RESOLUTION No. BG/27/2005: RESOLVED THAT as per the constitution of the Building & Works Committee specified in Statute the under-mentioned five members be nominated on the Committee for a period of two years w.e.f. 1st April 2005 to 31st December 2006:

Sub section (e): Chief Engineer, CPWD, Lucknow

Sub section (f): Deputy General Manager, Uttaranchal Power Corporation Ltd., Roorkee.

Sub section (g): Three Professors of the Institute:

- (i) Prof. S.C.Solanki, Department of Mechanical & Industrial Engineering.
- (ii) Prof. H.O.Gupta, Department of Electrical Engineering.
- (iii) Prof. N.M.Bhandari, Department of Civil Engineering

Item No.11.4.14: To consider the report of the Re-pooling Committee for revising the License fee of the Institute residences.

The Finance Committee had considered this proposal vide item No. 11.15. The recommendations of the Finance Committee were placed before the Board of Governors. After discussion, the Board approved the recommendations of the Finance Committee.

RESOLUTION No. BG/28/2005: RESOLVED THAT the report of the Re-pooling committee for revision of the License fee of the Institute residences as given at Appendix 'M' be approved. The revised License fee will be effective from 1st



April 2005. Further, the Institute should develop a mechanism to identify the dilapidated houses requiring demolition and till such time that these are demolished, only 50% of license fee calculated as per G.O. be charged.

Item No.11.4.15: To consider a correction in the date from which enhanced license fee is to be charged from the Dr. A.M.C.Srivastava, Professor, Civil Engineering Department during the period: 20.09.2003 to 06.07.2004.

RESOLUTION No. BG/29/2005: RESOLVED THAT enhanced license fee at the rate of 50 times of the standard license fee be charged from Dr. A.M.C. Srivastava, Professor, Civil Engineering Department, for the period: 20.09.2003 to 06.07.2004.

Item No.11.4.16: To consider naming the various common facilities of the Department of Civil Engineering after illustrious former faculty members of the Department .

RESOLUTION No. BG/30/2005: RESOLVED THAT the Civil Engineering Auditorium be named after the late Professor O.P.Jain, former Head of the Department and a Structural Engineer of international repute.

Item No.11.4.17: Signing of a Charter between the UNESCO-IHE, Delft, The Netherlands and IIT Roorkee.

RESOLUTION No. BG/31/2005: RESOLVED THAT as recommended by the Educational Research and Planning Committee of the Institute, the signing of a Charter between the UNESCO-IHE, Delft, The Netherlands and IIT Roorkee as given at **Appendix 'N'**, be approved.

Item No.11.4.18: To consider the specifications/quality/price range of the Shoes/ Sandals to be provided to the IIT Roorkee Staff.

The Finance Committee had considered this proposal vide item No. 11.17. 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/32/2005: RESOLVED THAT the Institute should purchase shoes and sandals from the Government approved agencies only, which include Bata India



Limited. In case these items are purchased from the State Government Emporia, only standard brands should be purchased. With this observation the Board decided that the under-mentioned cost ceilings for Shoes and Sandals be approved:

(a) Shoes at Rs. 500/- per pair and Sandals at Rs. 360/- per pair, with allowance for cost escalation @ 5% per annum.

Item No.11.4.19: To consider the issuance of Show Cause Notice to Sri Yogendra Singh, Librarian, Central Library with respect to his action to lodge a FIR against Mrs. Savita Raja, TA, without informing/ taking permission of the Institute authorities.

This item was withdrawn.

Item No.11.4.20: To extend the provision of Joint Professors to Associate Professors and Assistant Professors under the generic term "Joint Faculty".

RESOLUTION No. BG/33/2005: RESOLVED THAT the extension of the provision of Joint Professors to Associate and Assistant Professors under the generic term "Joint Faculty" be approved.

Further, the guidelines for appointment of Joint Professors, which were approved by the Chairman, BOG on behalf of the Board, be suitably modified for the appointment of Joint Faculty.

Item No.11.4.21: To consider the request of Dr. A. M. C. Srivastava, Professor, Civil Engineering Department, dated 17.9.2004, for Voluntary Retirement.

RESOLUTION No. BG/34/2005: RESOLVED THAT the request for voluntary retirement in respect of Prof. A.M.C. Srivastava on completion of 20 years qualifying service with a weightage up to 05 years as admissible under the rules, be approved with effect from the date on which he completes one year of continuous service, after his return from Extraordinary Leave abroad. The notice period required under the rules may be waived off in view of his request in advance.



Item No.11.4.22: To consider the draft Memorandum of Understanding for the establishment of HUDCO Professorial Chair in Urban Transport Infrastructure at IIT Roorkee.

RESOLUTION No. BG/35/2005: RESOLVED THAT as recommended by the Educational Research & Planning Committee, the signing of a Memorandum of Understanding for the establishment of a HUDCO Professorial Chair in Urban Transport Infrastructure at IIT Roorkee as per the details given at **Appendix 'O'** be approved.

Item No.11.4.23: To consider the draft Memorandum of Understanding proposed by the HUDCO Centre for Transport Studies (CTS).

This item was deferred.

Item No.11.4.24: To consider the recommendations of the Institute Selection Committees for appointment of Visiting Faculty and Visiting Professor in the Departments of Architecture & Planning, Mechanical & Industrial Engineering, Water Resources Development & Management (WRDM) and Electronics & Computer Engineering.

RESOLUTION No. BG/36/2005: RESOLVED THAT the recommendations of the Institute Selection Committees for appointment of Visiting Faculty and Visiting Professor in the Departments of Architecture & Planning, Mechanical & Industrial Engineering, Water Resources Development & Management (WRDM) and Electronics & Computer Engineering (E&CE) be approved as summarised below:

- | | | |
|---|--|--|
| (a) Architecture & Planning: | Dr. Sreemay Basu | Visiting Professor on consolidated monthly emoluments of Rs. 21,000/- per month. |
| (b) Mechanical & Industrial Engineering | Dr. K.Murugesan | Visiting Faculty on consolidated monthly emoluments of Rs. 12,000/- per month |
| (c) WRD&M: | Dr. Gajendra Singh | Visiting Professor on consolidated monthly emoluments of Rs. 25,000/- per month |
| (d) E&CE: | The candidate considered for appointment as Visiting Faculty, was not recommended for appointment. | |



Item No.11.4.25: To consider the recommendations of the Selection Committees for appointment of Associate Professor and Assistant Professor in the Department of Electronics & Computer Engineering.

RESOLUTION No. BG/37/2005: RESOLVED THAT the recommendations of the Selection Committees for appointment of Associate Professor and Assistant Professor in the Department of Electronics & Computer Engineering, be approved as summarised below:

<u>Name(s) of the candidates</u>	<u>Starting basic pay</u>
Associate Professor	
Dr. M.V.Kartikeyan	As per rules
Dr. Sunil Kumar (In absentia)	Rs. 17,300/- p.m. basic
Assistant Professor	
Dr. Dharmendra Singh	As per rules
Dr. Srikanta Pal	Rs. 12,000/- p.m. basic
Dr. Ajay Kumar Pathak (In absentia)	Rs. 12,840/- p.m. basic
Dr. Purnendu Sinha (In absentia)	Rs. 12,840/- p.m. basic

Item No. 11.5.1: To report the Decisions/Actions taken by the Chairman, Board of Governors on behalf of the Board of Governors.

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

RESOLUTION NO. BG/38/2005: RESOLVED THAT the approvals accorded by the Chairman, BOG/ Director on behalf of the Board, in the matters listed below, be ratified.

- (a) Signing of a Memorandum of Understanding between IIT Roorkee and the Indian Institute of Petroleum, Dehradun. (refer Appendix 'P')
- (b) Signing of a Memorandum of Understanding between IIT Roorkee and the National Institute of Hydrology, Roorkee. (refer Appendix 'Q')
- (c) Signing of a Memorandum of Understanding between EPFL, ETHZ and IIT Roorkee. (refer Appendix 'R')



(d) **Annual Report 2003-2004 of the Institute**

The Board accepted the Annual Report for 2003-2004 and desired that this be sent to the MHRD along with a delay statement.

- (e) Recommendations of the Selection Committee for the post of Assistant Professor & Lecturer (on contract) in the Department of Humanities & Social Sciences held on 17.9.2004.
- (f) Inclusion of Students' response in faculty Performance Appraisal System.
- (g) Appointment of Prof. Arvind Kumar (Department of Civil Engineering) as Co-ordinator, Q.I.P. as an additional responsibility.
- (h) Recommendations of the Selection Committees for the post of Professor, Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Earthquake Engineering held on 22.09.2004.
- (i) Recommendation of the Selection Committee for the post of Visiting Faculty in the Department of Architecture & Planning, held on 28.09.2004.
- (j) Selection Committee for the post of Deputy Registrar (Accounts/Audit), Assistant Registrar (Accounts/Audit), Assistant Registrar (Administration), on contract, in SRIC, held on 25.10.2004
- (k) Recommendations of the Selection Committee for the post of Chief Medical Officer, Medical Officer (Physician) & Medical Officer (on contract) in the Institute Hospital held on 03.11.2004.
- (l) Recommendation of the Selection Committee for the post of Sports Officer (OBC) in the Sports Association held on 08.11.2004.
- (m) Recommendation of the Selection Committee for the post of Scientific Officer, Grade-II in the I.I.C. held on 23.11.2004.

- (n) Re-employment of Prof. M.K.Vasantha, Electrical Engineering Department, Prof. N.K. Agarwal, Electronics & Computer Engineering Department, Mr. A.K. Agarwal, Assistant Professor, Mechanical & Industrial Engineering Department, Dr. Suman Batra, Assistant Professor, Mechanical & Industrial Engineering Department, Prof. S.K. Upadhyay, Earth Sciences Department and Prof. S.C. Gupta, Chemical Engineering Department upto the end of the Academic Session i.e. 30.6.2005.
- (o) Voluntary Retirement of Dr. M.P. Jain, Professor, Industrial Consultation Cell from the service of this Institute w.e.f. 31.12.2004.
- (p) Appointment of Prof. Ravi Bhushan, as Head, Chemistry Department; Prof. D.K. Paul, as Head of Earthquake Engineering Department; Prof. V.K. Goel, as Head, Mechanical & Industrial Engineering Department; Prof. V.K. Tewari, as Head, Metallurgical & Materials Engineering Department; Prof. Jagdish Rai, as Head Physics Department; and Prof. S.K. Tripathi, as Head, Department of Water Resources Development & Management w.e.f. 01.01.2005 to 31.12.2005.
- (q) Extension of the contractual appointment of Dr. P.S. Chani, Dr. (Mrs.) Mahua Mukherjee and Dr. Ashutosh Joshi for a period of one year w.e.f. 14.12.2004, 10.01.2005 and 03.03.2005.
- (r) Recommendations of the Selection Committee for the post of Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Architecture & Planning held on 27.12.2004.
- (s) Recommendation of the Selection Committee for the post of Visiting Faculty in the Department of Biotechnology held on 28.12.2004.
- (t) Recommendations of the Selection Committee for the post of Associate Professor, Assistant Professor & Lecturer (on contract) in the Department of Paper Technology held on 31.12.2004.
- (u) Re-employment of Prof. J.S. Saini, Mechanical & Industrial Engineering Department and Prof. Krishen

Kumar, Civil Engineering Department upto the end of the Academic Session i.e. 30.6.2005.

- (v) Recommendations of the Selection Committee for the post of Assistant Professor & Lecturer (on contract) in the Department of Biotechnology held on 7.2.2005.
- (w) Recommendations of the Selection Committee for the post of Assistant Professor & Lecturer (on contract) in the Department Of Civil Engineering held on 8.2.2005.
- (x) Award of the under-mentioned M.Tech./Ph.D. degrees, which was approved by the Director as Chairman of the Senate, subsequent to the 10th meeting of the Senate held on 13th September 2004. The degrees were awarded during the Annual Convocation held on 30th September 2004.

Sl. No.	Name of student	Prog-ramme	Department
1.	Netra Pal	M.Tech.	Mechanical & Industrial Engineering
2.	Aditya Trivedi	Ph.D.	Electronics & Computer Engineering
3.	Ihssan Abdul Karim Abdul Hussain	Ph.D.	Civil Engineering
4.	Mahadeo Dnyanoba Patil	Ph.D.	Water Resources Development & Management
5.	Taymoor Abdul Majeed Ibrahim Awachi	Ph.D.	Hydrology
6.	Himani Gupta	Ph.D.	Mathematics
7.	Savina Bansal	Ph.D.	Electronics & Computer Engineering
8.	Huzur Saran V.	Ph.D.	Mechanical & Industrial Engineering
9.	Moharram Fouad Abdo Alaa El-Dinn	Ph.D.	Civil Engineering
10.	Rahul Deb Misra	Ph.D.	Mechanical & Industrial Engineering
11.	Joygopal Jena	Ph.D.	Hydrology
12.	Ashis Kumar Saha	Ph.D.	Earth Sciences
13.	Kailash Narayan	Ph.D.	Civil Engineering
14.	Shivani Vatsa	Ph.D.	Humanities & Social Sciences
15.	Achal Kumar	Ph.D.	Civil Engineering
16.	Arvind Kumar Dwivedi	Ph.D.	Civil Engineering
17.	Veeresh G.S.	Ph.D.	Civil Engineering
18.	Deepak Joshi	Ph.D.	Earth Sciences

Item No. 11.5.2: To report certain matters for the Information of the Board of Governors.

RESOLUTION NO. BG/39/2005: RESOLVED THAT the matters, as listed below, be noted and recorded.

- (a) 10th meeting of the Senate of the Institute held on 13th September 2004.
- (b) 11th meeting of the Senate of the Institute held on 31st December 2004.
- (c) 10th meeting of the Finance Committee of the Institute was held on 20th September 2004.
- (d) An Urgent meeting of the Senate of the Institute held on 1st February 2005.
- (e) First Statutes of Indian Institute of Technology (IIT) Roorkee were approved by the Visitor, and became effective from 1st November 2004.
- (f) Extension of deputation term of Er. Salek Chand, Institute Engineer upto 31.3.2006.
- (g) The 4th Annual Convocation of the Institute was held on 30th September 2004. Mr. Narayan Dutt Tiwari, Chief Minister, Uttaranchal was the Chief Guest.
- (h) Payment of Dearness Allowance, Dearness Relief to Pensioners/Family Pensioners at revised rates w.e.f. 1.7.2004 and Non Productivity Linked Bonus (ad-hoc bonus) for the year 2003-04 to the employees of IIT Roorkee.
- (i) Report of the visit of IIT Directors/ Dy. Directors to Federal Republic of Germany under DAAD Invitation from 5-12 December 2004. **(refer Appendix 'S')**

(j) The under mentioned Faculty Members/Officers were appointed:-

Sl. No.	Name	Department	Designation	Date of appointment
1.	Mr. Vinay Kumar	Construction Division	A.E. (Hort. & Sanit.) On deputation	20.09.2004
2.	Mr. Kamal Singh Gotyan	Institute Instrumentation Centre	Scientific Officer Grade-II	30.11.2004
3.	Dr. Mool Raj Kural	Institute Hospital	Chief Medical Officer	10.11.2004
4.	Dr. Ajay Singh Panwar	Institute Hospital	Medical Officer (Physician)	10.11.2004
5.	Dr. (Mrs.) Manjul Mohan	Institute Hospital	Medical Officer (On contract)	10.11.2004
6.	Mr. K. Sukumar	Sports Association	Sports Officer	29.11.2004
7.	Dr. B.K.Maheshwari	Earthquake Engineering	Assistant Professor	23.12.2004
8.	Dr. R. Jayaganthan	Metallurgical & Material Engineering	Lecturer (On contract)	30.12.2004
9.	Dr. (Ms) K.C. Bindu	Humanities & Social Sciences	Lecturer (On contract)	03.01.2005

(k) The following faculty members and other staff have Superannuated/Resigned:-

Sl. No	Name	Designation	Department	Date of Superannuated Resigned
1.	Sri A.K. Agarwal	Assistant Professor	Mechanical & Industrial Engineering	30.09.2004 (Retired)
2.	Dr. S.C. Handa	Professor	Quality Improvement Programme	31.10.2004 (Retired)
3.	Dr. Ashok Ranjan	Offct. Institute Medical Supdt.	Institute Hospital	31.10.2004 (Retired)
4.	Dr. Suman Batra	Assistant Professor	Mechanical & Industrial Engineering	30.11.2004 (Retired)
5.	Dr. S.K. Upadhyay	Professor	Earth Sciences	30.11.2004 (Retired)
6.	Dr. S.C. Gupta	Professor	Chemical Engineering	31.11.2004 (Retired)
7.	Dr. M.P. Jain	Professor	Industrial Consultancy Cell	31.12.2004 Vol. Retirement
8.	Dr. J.S. Saini	Professor	Mechanical & Industrial Engineering	31.1.2005 (Retired)



- (l) The under mentioned Faculty Members and other staff have been brought on to the regular cadre:

Sl. No	Name	Designation	Department	Date
1.	Dr. K.M. Singh	Assistant Professor	Mechanical & Industrial Engineering	03.09.2004
2.	Dr. Parthapratim De	Assistant Professor	Electronics & Communication Engineering	08.09.2004
3.	Dr. Ankush Mittal	Assistant Professor	Electronics & Communication Engineering	01.10.2004
4.	Dr. G.D. Verma	Assistant Professor	Physics	06.10.2004
5.	Dr. Pradeep Kumar	Professor	Mechanical & Industrial Engineering	22.10.2004
6.	Dr. S.C. Sharma	Professor	Mechanical & Industrial Engineering	22.10.2004
7.	Dr. B.M.J. Perira	Professor	Biotechnology	22.10.2004
8.	Dr. R.P. Singh	Associate Professor	Biotechnology	22.10.2004
9.	Dr. Vikas Pruthi	Assistant Professor	Biotechnology	22.10.2004
10.	Dr. D.K. Mukhopadhyay	Professor	Earth Sciences	23.10.2004
11.	Dr. R. Anabalagan	Associate Professor	Earth Sciences	23.10.2004
12.	Dr. A.K. Saraf	Associate Professor	Earth Sciences	23.10.2004
13.	Dr. (Mrs.) S. Mukhopadhyay	Associate Professor	Earth Sciences	23.10.2004
14.	Dr. G.J. Chakrapani	Associate Professor	Earth Sciences	28.10.2004
15.	Dr. Sunil Bajpai	Associate Professor	Earth Sciences	28.10.2004
16.	Dr. Shri Chand	Professor	Chemical Engineering	31.10.2004
17.	Dr. Vipul Rastogi	Assistant Professor	Physics	19.11.2004
18.	Dr. R. Krishnamurthy	Assistant Professor	Earth Sciences	19.11.2004
19.	Dr. Alok Mishra	Assistant Professor	Physics	05.01.2005
20.	Dr. (Mrs.) Rashmi Gaur	Associate Professor	Humanities & Social Sciences	21.01.2005
21.	Dr. Nagendra Kumar	Assistant Professor	Humanities & Social Sciences	21.01.2005

- (m) The under mentioned Faculty Member has been granted Extra Ordinary Leave: -

Sl. No.	Name, Designation & Department	Period		Nature	Purpose
		From	To		
1.	Dr. M.L. Dewal, Assistant Professor, Electrical Engineering Department	15.10.2004	14.10.2005	EOL	Assignment as Principal at Gobind Ballabh Pant Engineering College, Pauri

(n) The under mentioned Faculty Members/Officers were appointed as per the details given below.

Sl. No.	Name	Department	Designation	Date of appointment
1.	Dr. M.L. Sharma	Earthquake Engineering	Associate Professor	28.09.2004
2.	Dr. Pankaj Agarawal	Earthquake Engineering	Assistant Professor	28.09.2004
3.	Dr. P.S. Chani	Architecture & Planning	Assistant Professor	20.01.2005
4.	Dr. (Mrs) Mahua Mukherjee	Architecture & Planning	Assistant Professor	24.01.2005
5.	Dr. Ashutosh Joshi	Architecture & Planning	Assistant Professor	20.01.2005
6.	Mr. Rakesh Mishra	Administration	Dy. Registrar (F)	15.02.2004

(o) The under mentioned Faculty Members and other staff have been brought on to the regular cadre.

Sl. No.	Name	Designation	Department	Date
1.	Dr. P.K. Garg	Professor	Civil Engineering	02.02.2005
2.	Dr. C.S.P. Ojha	Professor	Civil Engineering	02.02.2005
3.	Dr. U.C. Kothiyari	Professor	Civil Engineering	02.02.2005
4.	Dr. Ajay Gairola	Associate Professor	Civil Engineering	13.02.2005
5.	Dr. M. Parida	Associate Professor	Civil Engineering	02.02.2005
6.	Dr. Manoj Kumar Arora	Associate Professor	Civil Engineering	02.02.2005
7.	Dr. N.K. Samadhiya	Associate Professor	Civil Engineering	02.02.2005
8.	Dr. Praveen Kumar	Associate Professor	Civil Engineering	02.02.2005
9.	Dr. Vipul Prakash	Assistant Professor	Civil Engineering	04.02.2005

(p) The Director has approved the under mentioned appointments of Head of the Departments w.e.f. 01.01.2005 to 31.12.2005.

Sl. No.	Department	Name	Remarks
1.	Architecture & Planning	Prof. R. Shankar	Re-appointed
2.	Biotechnology	Prof. G.S. Randhawa	Re-appointed
3.	Civil Engineering	Prof. S.K. Kaushik	Re-appointed
4.	Chemical Engineering	Prof. Bikash Mohanty	Re-appointed
5.	Electronics & Computer Engineering	Prof. A.K. Sarje	Re-appointed
6.	Electrical Engineering	Prof. H.O. Gupta	Re-appointed
7.	Earth Sciences	Prof. V.N Singh	Re-appointed
8.	Humanities & Social Sciences	Prof. P.Jha	Re-appointed
9.	Hydrology	Prof. D.C. Singhal	Re-appointed
10.	Mathematics	Prof. G.S. Srivastava	Re-appointed
11.	Management Studies	Prof. J.P. Singh	Re-appointed
12.	Paper Technology	Prof. A.K. Ray	Re-appointed



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Sl. No.	Department	Name	Vice
1.	Chemistry	Prof. Ravi Bhushan	Prof. R.N. Goyal
2.	Earthquake Engineering	Prof. D.K. Paul	Prof. S.Basu
3.	Mechanical & Industrial Engineering	Prof. V.K. Goel	Prof. H.S. Shan
4.	Metallurgical & Material Engineering	Prof. V.K. Tewari	Prof. Satya Prakash
5.	Physics	Prof. Jagdish Rai	Prof. Ishwar Singh
6.	Water Resources Development & Management	Prof. S.K. Tripathi	Prof. Gopal Chauhan

Academic Centre

1.	Alternate Hydro Energy Centre (A.H.E.C.)	Mr. Arun Kumar	Re-appointed
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Academic Service Centres

Sl. No.	Department	Name	Vice
1.	Institute Computer Centre	Prof. Padam Kumar	Dr. R.C. Joshi
2.	Institute Instrumentation Centre	Prof.R.M. Manickavasagam	Re-appointed
3.	Centre for Continuing Education	Prof. Vinod Kumar	Prof. R. P. Agarwal
4.	STEP	Prof. D. D. Das	Prof. V. K. Tiwari
5.	Uttaranchal Development Cell	Prof. V.K. Nangia w.e.f. 01.04.2005	Prof. A.K. Pant
6.	Information Superhighway Centre	Dr.(Mrs.) Kum Kum Garg	Prof. Vinod Kumar
7.	Educational Multimedia Research Centre (EM ² RC)	Prof. B.M.J. Pereira	-

(q) The Director has approved the following appointments of Deans w.e.f. 01.01.2005 to 31.12.2005 :-

Sl. No.	Name & Department	Designation
1.	Prof. R.P. Agarwal, Electronics & Computer Engineering	Dean, Undergraduate Studies
2.	Prof. Gopal Chauhan, Water Resources Development & Management	Dean, Sponsered Research & Industrial Consultancy



3.	Prof. A.K. Awasthi, Earth Sciences	Dean, Faculty Affairs
4.	Prof. R.N. Goyal, Chemistry	Dean, Postgraduate Studies & Research
5.	Prof. I.M. Mishra, Chemical Engineering	Dean, Saharanpur Campus

In addition to the above, the term of the under mentioned Deans have been extended from 01.01.2005 to 31.12.2005.

Sl. No.	Name & Department	Designation
1.	Prof. Subrata Ray, Metallurgical & Materials Engineering	Dean, Administration
2.	Prof. Ranvir Singh, Hydrology	Dean of Students Welfare.

Item No. 11.5.3: Any Other Item

The Director apprised the Board that the Institute had very little open space available for future expansion of the Institute. He suggested that it would be appropriate to request for 100/200 acres of land from the Uttaranchal Government in the near vicinity of the Institute to cater for future expansion, and requested the Board to give its concurrence to this proposal in principle. The Board agreed with the proposal of the Director and authorised him to negotiate the terms and conditions for getting the required land from the Uttaranchal Government and to bring a formal proposal to the Board once the concurrence of the Uttaranchal Government had been obtained.

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

Appendix 'A'



भारत सरकार

केन्द्रीय लोक निर्माण विभाग
कार्यालय मुख्य अभियन्ता (उ०आ०-११)
केन्द्रीय भवन 'तृतीय तल',
अलीगंज, लखनऊ

पत्रांक - 23/308-ए)/अ०अभि० (नि०)/उ०आ०-११/पी०-११/
सेवा में

14718-21

दिनांक 16/12/04

इंस्टीट्यूट इंजीनियर
इण्डियन इंस्टीट्यूट आफ टेक्नोलॉजी
रुड़की।

विषय : फं० आफ फेकल्टी लॉज एट आई०आई०टी० रुड़की- Recast Revised Preliminary Estimate

सन्दर्भ: आपका पत्र संख्या ITR/MS/B&WC/438 दिनांक 02.12.2004

उपरोक्त कार्य हेतु आई०आई०टी० रुड़की के अनुरोध पर इस कार्यालय द्वारा पुनरीक्षित संशोधित प्रारम्भिक प्राक्कलन रु० 202 लाख हेतु आई०आई०टी० के सक्षम अधिकारी के अनुमोदनार्थ भेजा गया था।

- 2.0 उक्त प्राक्कलन पर दिनांक 22 नवम्बर, 2004 को आई०आई०टी० रुड़की की बिल्डिंग तथा वर्क्स कमेटी की विशेष बैठक में चर्चा की गई तथा आई०आई०टी० के उपरोक्त सन्दर्भित पत्र दिनांक 02.12.2004 द्वारा बैठक का कार्यवृत्त के०लो०नि०वि० को भेजा गया। कार्यवृत्त में उल्लेखित निर्देशों के अनुरूप रु० 202 लाख के पुनरीक्षित संशोधित प्राक्कलन में निम्न संशोधन किए गए हैं जिससे कि कार्य लागत रु० 174 लाख (मूल अनुमोदित लागत रु० 348 लाख का 50%) से कम रहे।

- मल्टीपरपज हाल (17.5 m x 35 m) की ऊँचाई अब 7.00 मीटर ही रखी गई है।
- स्टेज के क्षेत्रफल को भी हाल की प्रस्तावित चौड़ाई (17.5m) के अनुसार कम कर दिया गया है। स्टेज के छत की ऊँचाई अब 5.00 मीटर रखी गई है।

उपरोक्त संशोधनों के साथ कार्य की लागत अब रु० 173 लाख आ रही है।

- 3.0 बाउन्ड्री वॉल एवं लैंड स्केपिंग हेतु प्राक्कलन अलग से भेजा जाएगा। वर्तमान प्राक्कलन में इन मदों को शामिल करने से पूर्ण कार्य की लागत रु० 174 लाख के अन्दर नहीं आ सकती। जहाँ तक फेकल्टी क्लब तथा जिमनेजियम का प्रश्न है, यह पुनः स्पष्ट किया जाता है कि पूर्व में भेजे गए रु० 202 लाख के प्राक्कलन के स्कोप में इन भवनों को शामिल नहीं किया गया था।

- 4.0 दिनांक 22/11/2004 को हुई आई०आई०टी० के वर्क्स कमेटी की बैठक में लिए गए निर्णयों से कार्य के सलाहकार मैसर्स जसबीर साहनी को इस कार्यालय के पत्र संख्या 23/308-ए)/अ०अभि० (नि०)/उ०आ०-११/पी०-११/14441-44 दिनांक 10.12.2004 द्वारा अवगत करवा दिया गया है एवं अनुरोध किया गया है कि संशोधित LOP, वास्तुकीय एवं संरचनात्मक नक्शे जारी करने का अनुरोध किया गया है।

आपसे अनुरोध है कि १० ११५ सभा के पुनः पुनर्विचार संबंधित कार्यक्रम आयोजन को समय-अधिकारी की प्रशासनिक अनुमोदन एवं समय रसीद प्रदान की जाए।

16/2011/2
कार्यपालक अभियन्ता (यो-11)
उओओ-11, कोलोपनिओविओ, लखनऊ

प्रतिलिपि:

1. अधीक्षण अभियन्ता, देहरादून केंद्रीय परिषद्, कोलोपनिओविओ, देहरादून को सूचनार्थ।
2. मैसर्स जसवीर साहनी एण्ड एसोसिएट्स, इन्दिरा गांधी नेशनल सेंटर आफ आर्ट जैनपथ, नई दिल्ली।
3. कार्यपालक अभियन्ता, रुड़की केंद्रीय मण्डल, कोलोपनिओविओ, रुड़की को सूचनार्थ।
4. कार्य फाइल
5. गार्ड फाइल

कार्यपालक अभियन्ता (यो-11)

**Revised Preliminary Estimate
GENERAL ABSTRACT**


Name of Work:- C/o Faculty Lounge at IIT, Roorkee


Sl. No.	Description of items	Original Estimate		Revised Estimate		Difference Excess/saving
		Civil	Electrical	Civil	Electrical	
1	Building work	27704039.00	4249683.00	14389257.00	1915850.00	15648615.00
2	Development of Site	1423272.00	---	730441.00	---	592831.00
3	Basic Services	---	1421400.00	---	216300.00	1205100.00
Total		29127311.00	5671083.00	15119698.00	2132150.00	17546846.00


Say Rs. 348 lacs


Say Rs. 173 lacs

Say Rs. 175 lacs


A.E.(P)
CPWD, Lucknow


E.E.(P)-II
CPWD, Lucknow


S.E.(P)
CPWD, Lucknow


Chief Engineer (NZ-II)
CPWD, Lucknow

Division of York-C/O Faculty Lounge at IT, Roorkee

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Abstract of Original and Recast Revised Estimate

Name of Work- C/o Faculty Lounge at IIT, Roorkee

Sd of estimate and items of work	Original Estimate			Recast Revised Estimate			Diff	Explanation
	Quantity	Rate	Unit	Amount	Quantity	Rate	Unit	Amount
Extra for larger modules 80% of 3000 sqm.	2800.00	220.00	sqm	616000.00	490.00	220.00	sqm	107800.00
Extra for Fire Fighting	3500.00	185.00	sqm	647500.00				
Normal W/S & SA					5789137.00	15%	%	868371.00
Extra for using				14873490.00				7157488.00
i) Marble flooring in D/Space, pantry, passage	1200.00	750.00	sqm	900000.00	250.00	550.00	sqm	137500.00
Stairs, Entrance Suits and club etc.								
ii) Extra for superior finish tile flooring in floors	250.00	1500.00	sqm	375000.00				
and dado in toilets								
iii) Polished kota stone in community center	1750.00	250.00	sqm	437500.00	500.00	250.00	sqm	125000.00
Extra for superior quality accessories in toilets	20.00	15000.00	each	300000.00	12.00	15000.00	each	180000.00
Extra for superior class external finish	1350.00	550.00	sqm	742500.00				
Add C.I. @ 46% (For Roorkee) on item No 1 to 6				17628490.00				7599988.00
				6841805.00				6370164.00
					Item 1 to 6			
				24470295.00				13970152.00
				734109.00				419105.00
				27704039.00				14389257.00
				Total				

Add 3% contingencies

College of Arts - C/o Faculty Lounge #111, Roorkee

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3.1.1.1. *Organismic and items of work*

SN of estimate and items of work	Original Estimate			Recast Revised Estimate			Diff	Explanation
	Quantity	Rate	Unit	Amount	Quantity	Rate		
Electrical Work Internal electrical installation Rate for using copper wiring Extra for Power points Add C.I. @46% (For Rooftop) Add 3% contingencies	14873490.00	12.50%	%	1859186.00	5789137.00	12.50%	%	723642.00
	14873490.00	2.50%	%	371837.00	5789137.00	2.50%	%	144728.00
	14873490.00	4.00%	%	594940.00	5789137.00	2.00%	%	113783.00
				2825963.00				984153.00
				1299943.00	Add C.I. 89% (For Rooftop)			875896.00
				4125906.00				1860049.00
				123777.00				55801.00
				4249683.00				1915850.00
				Total				
Build Services a) AC b) OIB Room Suits c) OAHall d) Ceysers	20.00	30000.00	each	600000.00				
	4.00	30000.00	each	120000.00				
	20.00	5000.00	each	100000.00	7.00	5000.00	each	35000.00

Appendix 'B'

Scheme for hiring Adjunct Faculty from the Industry, R&D Laboratories and other organizations around Roorkee.

Introduction: It is desirable that outside academic and industrial experience should be harnessed to enrich the academic curriculum and research through participation of qualified engineers, scientists, managers and others, from the industry, R&D Laboratories and other organizations by offering/sharing courses and participating in research programmes, wherever considered feasible.

Guidelines: The Adjunct Faculty should possess the requisite experience and qualifications, with the provision for relaxation for not having a Ph.D. degree. The adjunct faculty may also offer full Under Graduate/Post Graduate courses in the academic curriculum or may share lectures in such course or courses, which may be appropriately scheduled for his participation. Such a faculty will draw salary from their respective organizations, but remuneration will be paid to them on the basis of prevalent rates for the course fee or for lectures at the Institute. They may also be allowed the expenses for travel involved for coming to IIT Roorkee for delivering the lectures, if approved specifically by the competent authority. During the period of their attachment with the Institute as adjunct faculty, the incumbent will be extended all the facilities in the Departments/Centres of the Institute as available to regular faculty members except campus housing and medical facilities. The tenure of adjunct faculty will be for a period up to three years and, such a faculty may be designated as 'Adjunct Faculty' or "Adjunct Professor" on a level-to-level basis with reference to their job position in the parent organization.

The adjunct faculty may be appointed with the approval of the Director on the recommendation of the Professorial Committee along with detailed qualifications and experience of the candidate and the envisaged role in the academic activity of the Department/ Centre.



17 APR 2015


Appendix 'C'

Introduction of a Scheme for inviting outstanding personalities as Honorary visiting Professors in Sciences (including Social Sciences), engineering and Technology, Management and other related fields.

Introduction: It is desirable that a scheme for inviting outstanding personalities in the fields of science, technology, management and other allied areas may be introduced in the Institute. Under this scheme, the Visiting Professors will have an obligation to visit the Institute and interact with the academic community through formal lectures, informal discussion with students and research groups in the areas of interest to the incumbent.

Guidelines: The tenure of such appointment will be two years and extendable by another two years. He would be expected to spend at least a week in a year at the Institute. The Institute will provide him hospitality and bear the expenses for his travel. He will be paid an honorarium at the discretion of the Director, at the rates prescribed by the Board of Governors from time to time. Through this scheme it will be the effort of the Institute to bring together the academic leadership of the country and the academic community here, to create a synergy for further excellence. The students are also expected to be inspired by the presence of these well known personalities and by the opportunity afforded to interact with them.

The appointments of Honorary Visiting Professor will be made with the approval of Chairman, BOG to a person of eminence, who is holding or has held positions of (i) a Professor or above in a IIT or University, (ii) responsible position in a R&D organization, not less than an in-Charge of a R&D Section or (iii) an eminent position in industry with active participation in R&D work. It will be preferred that such a person has already had an active interaction with the Institute.


31 APR 2005

Appendix 'D'

संलग्नक - 11

क़रीबी या आरिषागत के उद्देश्य से मूल निवास स्थान में परिवर्तन के अनुरोध को स्वीकार करने हेतु पड़ताल सूची :

घोषितस्थान पर

1. क्या घरेलू एवं सामाजिक दायित्वों के निर्वह हेतु समय-समय पर उनकी उपस्थिति आवश्यक है ? यदि ऐसा है तो, क्या सरकारी कर्मचारी नौकरी में आने के पश्चात् उस स्थान पर प्रायः जाता रहा है ?
2. क्या उस स्थान पर कर्मचारी की आवांतीय सम्पत्ति है या वह उस संयुक्त परिवार का सदस्य है जिसकी वहाँ सम्पत्ति है ?
3. क्या उस स्थान पर उसके निकट सम्बंधी स्थायी रूप से निवास करते हैं ?
4. क्या सरकारी सेवा में आने से पूर्व सरकारी कर्मचारी वहाँ पर कुछ वर्ष रहा था ?

टिप्पणी :

1. पूर्व मानदण्ड सन्तोषजनक न होने पर ही इन मानदण्डों को एक के बाद एक, लागू करने की आवश्यकता है ।
2. यदि सरकारी कर्मचारी की सम्पत्ति एक से अधिक स्थानों पर है तो वह किसी एक स्थान का, कारण बताकर, चयन कर सकता है, परन्तु ऐसे किसी स्थान को सरकारी कर्मचारी के मूल निवास स्थान के रूप में स्वीकार करने या न करने के सम्बंध में नियंत्रण अधिकारी का निर्णय अन्तिम होगा ।
3. यदि, मूल निवास स्थान की घोषणा की स्वीकृति हेतु निकट सम्बंधी की उस निश्चित स्थान पर उपस्थिति को मानदण्ड माना गया हो तो निकट सम्बंधियों की उपस्थिति न्यूनार्धिक स्थायी रूप में होनी चाहिए ।

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आपका मूल निवास स्थान में परिवर्तन हुए हैं ?

नाम और पदनाम

मूल निवास स्थान वर्तमान

मूल निवास स्थान पुस्तकित

॥अ॥ क्या अब पुस्तकित मूल निवास स्थान पर, घरेलू एवं सामाजिक दायित्वों के निर्वहण हेतु, समय-समय पर आपकी उपस्थिति आवश्यक है ?

॥ब॥ नौकरी में आने के पश्चात् आप कितनी बार इस स्थान पर गए हैं ?

॥स॥ आप इस स्थान पर अन्तिम बार कब गए थे ?

4. क्या इस स्थान पर आपकी कोई आवासीय सम्पत्ति है ?

॥अ॥ क्या आप उस संयुक्त परिवार के सदस्य हैं, जिसकी वहाँ सम्पत्ति है ?

॥ब॥ क्या आपके निकट सम्बंधी इस स्थान पर रहते हैं ?

॥स॥ उनसे आपका क्या संबंध है ?

॥द॥ क्या इस स्थान पर रहने वाले ये सम्बंधी स्थायी तौर पर वहाँ रहते हैं ?

5. क्या आप सरकारी नौकरी में आने से पूर्व इस स्थान पर रहते थे ? यदि ऐसा है तो आप कितने समय तक वहाँ रहे ?

6. आप सहित आपके परिवार के वर्तमान सदस्यों की सूची :

क्रम सं०	नाम	आयु	सम्बंध
1.			
2.			
3.			
4.			

मैं घोषणा करता हूँ कि उपरोक्त सूचना मेरे यथा ज्ञान एवं विश्वासानुसार सत्य है ।

स्थान

हस्ताक्षर

दिनांक :

पदनाम :

APPLICATION FOR THE CHANGE OF DECLARED HOME TOWN

- Home and Designation :
 Home Town (Present) :
 Home Town (Proposed) :
 (a) Whether the place declared :
 is one which require your
 physical presence at
 intervals for discharging
 various domestic and social
 obligation ?
 (b) After entry in service how :
 often you have visited this
 place ?
 (c) When did you last visited
 this place.
 4. Do you any residential :
 property at this place
 (a) Are you a member of joint :
 family having such a
 property there ?
 (b) Are your near relatives :
 residing at this place ?
 (c) What is the relation ?
 (d) Are the relations residing :
 at this place more or less
 on permanent basis ?
 5. Did you reside at this place :
 prior to your entry in Govt.
 Service ? of so for what
 period did you reside there ?
 6. List of Family members with :
 you on date

S.No.	Name	Age	Relation
-------	------	-----	----------

I declare that the above information is true to the best of my knowledge & belief.

Station :

Date :

Appendix 'E'

CENTRAL NMR FACILITY INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

BUDGET PROPOSAL FOR ASSOCIATED EQUIPMENT

S.No.	Item	Qty.	Price in Indian Rupees
(a).	Computer Hardwares: <ul style="list-style-type: none"> • PCs (~Rs. 35,000 each) • Printers b/w with networking card, scanner. • Printers b/w (e.g. HP 2300) • Graphics Workstation (e.g. Silicon Graphics Workstation, SGI USA) 	4 1 1 4	1,40,000.00 70,000.00 48,000.00 16,52,050.00
	Total (a) :		19,10,050.00
(b).	NMR Software <ul style="list-style-type: none"> • FELIX for NMR data processing and NMR Refine Advanced, NMR Refine DGII, NMR X-PLOR (2D NMR simulations) • MOE (Molecular modeling using NMR restraints) 	2 1	18,35,115.00 4,20,000.00
	Total (b):		22,55,115.00
(c).	Lyophilizer (freeze dryer) with vacuum concentrator	1	9,06,369.50
(d).	Water purification system	1	2,58,780.53
(e).	UV-Vis Spectrophotometer	1	10,38,460.50
(f).	Minor Equipments: Refrigerator, UPS (5 KVA x 2), oven, micro pipettes, stirrer, etc.		-5,00,000.00
	Total (a) to (f) :		68,68,775.00
	Transportation charges, 5% custom duty payment, and fluctuation in foreign exchange rate.		6,31,225.00
	GRAND TOTAL		75,00,000.00

Appendix 'F'

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

IITR
Plan
(BE 2005-06)
07 Feb 2005

Ref.: MHRD letter F.No. 11-6/2004-TS.I dated 03 Nov 2004

Budget Estimates 2005-06: Plan

(Rs in lakh)

Sl. No.	Head of Expenditure	2004-05			2005-06 BE Annual Plan
		BE	RE	Expenditure Upto 31.01.05	
	A	B	C	D	E
1	Equipment				
(i)	• New equipment and Replacement of obsolete equipment & modernization of labs	1400.00	1030.00	559.30	900.00
	• NMR	-	-	471.99	-
(ii)	Equipment for new deptt. • Telephone Exchange • ETC/NPTEL • Placement cell	130.00	100.00	90.00	120.00
	• Multidisciplinary Research Centres	(New proposal)	200.00	-	300.00
	• Strengthening of Deptt. of Biotechnology		150.00	-	200.00
	• Strengthening of Res & Teaching in Economics		70.00	-	80.00
	• Strengthening of Library for Hums. & Soc. Sci.		70.00	-	70.00
(iii)	Equipment for new program • New M.Tech. etc.	200.00	80.00	7.48	130.00
(iv)	Office equipment / Automation/ Computerization of office functions	100.00	50.00	37.12	80.00
	Total	1830.00	1750.00	1165.89	1880.00
2	Upgradation of Computing facilities	350.00	100.00	18.28	200.00
3	Upgradation of networking & multimedia facilities	350.00	230.00	126.43	400.00
4	Strengthening of library	200.00	510.00	278.54	400.00
5	Staff/Student Amenities (other than buildings)	100.00	100.00	33.22	150.00
	a. Hospital				
	b. BOSW (clubs & sports)				
	c. Daily				
	Total	1000.00	940.00	456.47	1150.00
6	Renovation/ Extension of Buildings (including support services)				
(i)	Academic & Administrative Buildings	700.00	320.00	310.70	200.00
(ii)	Residential buildings	250.00	650.00	629.46	50.00
(iii)	Student's hostels and amenities	180.00	50.00	46.82	400.00
(iv)	Guest house, Comm. Centre	400.00	10.00	3.96	-
(v)	Modernisation of Convocation Hall	200.00	0.00	0.00	100.00
(vi)	Development of G. Noida Campus	200.00	20.00	0.00	200.00
(vii)	New substations and strengthening of existing substations		40.00	0.00	300.00
(viii)	UPCL		130.00	129.92	-
(ix)	Furnishing of lecture rooms, labs, new bldgs	(New proposal)	90.00	0.00	120.00
	Total	1930.00	1310.00	1120.86	1370.00
	Grand total	4760.00	4000.00	2743.22	4400.00

The Estimates revised/ prepared as per discussions held at the meeting at MHRD on 18 Oct 2004 and 03 Nov 2004

Ravi Bhushan
7/2
(Ravi Bhushan)
Professor-In-Charge Finance

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

IIITR
Non-Plan
(RE-2004-05 &
BE 2005-06)
07 Feb 2005

Ref.: MHRD letter F.No. 11-4/2004-TS.I dated 12 Oct 2004

Non-Plan: Revised Estimates 2004-05 and Budget Estimates 2005-06

(Rs in lakh)

(Rs in lakh)

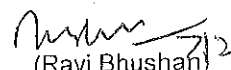
Sl. No.	Head of Expenditure	2004-05			2005-06 Budget Estimates
		Budget Estimates	Revised Estimates	Expenditure up to 31 Jan 2005	
	A	B	D	C	E
1.	Establishment Expenses				
(i)	Pay & Allowance	2900.00	2980.00	2476.66	3400.00
(ii)	OTA and Honorarium	4.00	4.00	1.76	4.60
(iii)	Travelling Allowance	40.00	40.00	21.04	40.00
(iv)	LTC	35.00	70.00	57.75	60.00
(v)	Children Education Allowance	4.00	4.00	1.85	4.40
(vi)	Fund Contribution	4.00	4.00	0.00	4.00
(vii)	Pension and Gratuity	750.00	1120.00	932.66	1254.00
(viii)	Advances	100.00	80.00	58.38	100.00
(ix)	Security and Other Agencies	55.00	60.00	43.46	60.00
(x)	Mess Staff	70.00	70.00	56.85	70.00
(xi)	Medical Expenses	150.00	150.00	143.99	180.00
(xii)	Staff Development & HRD	25.00	10.00	3.67	14.00
	Total	4137.00	4892.00	3798.07	5194.00
2.	Academic & Educational Expenses				
(i)	Deptt. Operating Costs	360.00	300.00	180.42	360.00
(ii)	Assistantships/ Scholarships	450.00	610.00	515.63	806.00
(iii)	Post-Doc Fellowship	Being proposed first time for 2005-06			50.00
(iv)	Library	350.00	50.00	1.39	100.00
	Total	1160.00	960.00	697.44	1316.00
3.	Other Educational Expenses	200.00	184.00	89.81	222.00
4.	(i) Computerization & Computer Support Services	100.00	100.00	0.00	100.00
	(ii) National Facilities	50.00	24.00	0.00	50.00
	(iii) AMC for Sophisticated Equipment	-	-	-	130.00
	Total	150.00	124.00	0.00	280.00
5.	Maintenance Expenses				
(i)	Estate Maintenance	500.00	370.00	280.10	370.00
(ii)	Water, Power and Fuel	350.00	300.00	256.82	330.00
(iii)	Property Tax	4.00	4.00	3.38	4.00
	Total	854.00	674.00	540.30	704.00
6.	Miscellaneous	195.00	162.00	100.39	190.00
7.	Medicare Plan	Being proposed first time for 2005-06			125.00
					315.00
	Grand Total	6696.00	6696.00	5226.01	8028.00

Notes:

1. BE : 2004-05 were reiterated by the Finance Committee and BoG on 20 Sep 2004

BE: 2005-06

- 2(ii) Expenditure on Assistantships is likely to increase in view of increasing number of students in M.Tech. and Ph.D. programmes.
- 2(iii) Rs 50.00 lakh added for post-doc fellowship, as per discussions in the meeting on 03 Nov 2004 at MHRD.
4. Rs 125.00 lakh estimated for a proposed medicare plan


(Ravi Bhushan)
Professor-In-Charge Finance

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

IITR
Non-Plan
(RE-2004-05 &
BE 2005-06)
07 Feb. 2005

A: Schedule of Other Educational Expenses (Non-Plan Budget Estimates)

(Rs. in lakhs)

Sl. No.	Head of expenditure	2004-2005			Budget Estimates 2005-06
		Budget Estimates	Revised Estimates	Expenditure upto 31 Jan 2005	
3. (iv)	Other Educational Expenses				
(a)	Convocation & other functions	17.00	8.00	5.57	10.50
(b)	Prizes & Medals	1.50	1.50	0.00	1.50
(c)	Research Projects	30.00	10.00	0.00	30.00
(d)	Training & Placement	8.50	8.50	8.17	10.00
(e)	Study Tour	5.00	5.00	0.07	5.00
(f)	Student Amenities (including NCC)	30.00	30.00	6.66	30.00
	(i) SC/ST student mess/ Fee SC/ST	25.00	25.00	7.71	20.00
(g)	Examinations	25.00	35.00	24.20	40.00
(h)	National Conference/ Symposium	10.00	10.00	6.61	20.00
(i)	International Conference/ Symposium	25.00	35.00	27.17	35.00
(j)	Seminar/ Symposium (to be organised)	5.00	2.00	0.14	5.00
(k)	Publication (including News Letter)	15.00	10.00	3.51	12.00
(l)	Membership Fee	1.00	1.00	0.00	1.00
(m)	Short term academic visit to IITR	2.00	2.00	0.00	2.00
	Grand total	200.00	183.00	89.81	222.00

Mr. 7/12

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

IITR
Non-Plan
(RE-2004-05 &
BE 2005-06)
07 Feb 2005

**B: Schedule of Miscellaneous Expenses
(Non-Plan Budget Estimates)**

(Rs in lakhs)

Sl. No.	Head of expenditure	2004-2005			Budget Estimates 2005-06
		Budget Estimates	Revised Estimates	Expenditure upto 31 Jan 2005	
1	Contingencies	22.00	18.00	13.28	30.00
2.	Staff Welfare (Faculty Perks)	45.00	45.00	23.08	48.00
3.	Transport	15.00	10.00	5.73	15.00
4.	Legal Expenses	16.00	8.00	3.07	12.00
5.	Postage	5.00	4.00	1.76	5.00
6.	Uniforms & Liveries	19.00	12.00	8.84	12.00
7.	Entertainment	2.00	2.00	0.21	2.00
8.	Guest House	8.00	5.00	3.85	8.00
9.	Audit Charges	3.00	3.00	0.05	3.00
10.	Telephones	20.00	15.00	9.62	15.00
11.	Printing & Stationery	9.00	9.00	6.33	9.00
12.	Advertisement	5.00	5.00	3.05	5.00
13.	Repair & Maintenance-Office Equipment	6.00	6.00	2.06	6.00
14.	Replacement of old furniture	20.00	20.00	19.46	20.00
		195.00	162.00	100.39	190.00

Mr. JN

Confidential

Appendix 'G'

**Report of the Enquiry Officer on the Grievances of
Mr P K Patel, Assoc Prof, Arch & Planning Department**

10/11/03
DIRECTOR

1. **Terms of Reference :** As per the BOG resolution BG /29/ 2003 of IIT, Roorkee dated March 1, 2003, "a one -man committee of Prof KL Chopra be constituted to examine his (PK Patel's) complaints , grievances and also to ascertain whether his conduct is becoming of a teacher of an IIT or not".
2. **Documents:** A detailed background of complaints / grievances and actions taken was sent to the Inquiry Officer (IO) by Prof HK Verma, Dean Faculty Affairs on Aug 13 , 2003. As required during the enquiry , further information was given in writing by the Registrar who , or one of his colleague, was present in all the meetings.
It is to be noted that the complaints and grievances (CG) of Mr Patel are numerous and date as early as 1988. The CGs were dealt with by various administrations of the erstwhile Roorkee University, a State entity. The same CGs have been raised again in the new administrative set-up of an IIT to which the University has been converted to by the Parliament of India. The rules and regulations of Governance of an IIT are significantly different from that of a state university and thus many CGs are meaningless in the new set-up. Nevertheless, all CGs were given a patient hearing.
3. **Meetings:** A total of 8 meetings /sessions , each of 2-3 hour duration , were held on Sept 17 & 18 , Nov 16 & 17 , 2003 , May 7, 2004, and Sept 13 & 14 , 2004. Besides talking with several students of different years of B Arch and M Arch, and research to ascertain the quality of Patel as a teacher, discussions were also held with faculty members , Profs Najumuddin , R. Shankar, S Y. Kulkarni , RK Jain , Drs V Devadas, Ila Gupta and Rajesh Chandra. . Also . discussion was held with Prof S K Thakkar, former Dean, Faculty Affairs.
The long intervals between meetings were due partially to the fact that meetings were held as and when the IO visited IITR for Senate meetings, and partially to the fact that CGs required a lot of counselling of Mr Patel which needed some time for him to calmly comprehend .
4. **CGs:** Mr Patel listed the following CGs during the first meeting :
 1. Denial of Headship
 2. Denial of promotional avenues
 3. Denial of interview for a faculty position in Continuing Education Centre
 4. Lack of Advertisement for Reader in Architecture from 1981 to 1995
 5. Wrong interpretation of govt order for Selection Grade (lecturer)
 6. Denied opportunity for higher studies
 7. Wrong selection of RK Jain and SY Kulkarni at different stages and the related issues
 8. Financial irregularities by R K Jain
 9. Placing of R Shankar, a Planner , in the short list of Architecture for a selection.

Mr Patel was informed by the IO that complaints, against him , of financial irregularity, rude and intemperate behaviour towards colleagues and administration , including the then Vice Chancellors, and his professional contributions in the department will also be examined by the IO.

5. **Conclusions of the IO :** After detailed discussions with Mr Patel and others connected with the CG issues , and going over the recorded response of the different administrations to the CGs, the IO concludes issue-wise as follows :
 1. The increase of superannuation age from 60 to 62 was decided by the GOI. The MHRD directed all IITs to implement it. Accordingly, Prof Nizamuddin was allowed to continue as the Head of the Dept. MHRD approves changes in IIT Statutes and , therefore, it is understood that the order to change in the age of superannuation of the faculty supersedes the

earlier statute. In any case, IITR implemented the MHRD order. Further, in the new set-up of IIT, the appointment of an Head of the Dept is the prerogative of the Director.

2. The UOR has followed the personal promotion policy as directed by the Technical Education Dept, UP Govt.
3. The Screening Committee for the particular selection did not find Mr Patel eligible for interview for the post in CEC.
4. The UOR did not advertise any faculty post in the Dept of Arch & Planning during 1981-1995, presumably on good academic/administrative grounds.
5. As per the attached detailed note on the subject submitted by the Registrar, UOR did not get clearance from the UP Govt to implement the Selection Grade on the basis of prior experience in Mr Patel's case. The same was, however, done later as per UP Govt rules.
6. The personal file of Mr Patel shows no written record of such a denial during the UOR period. Recently, however, the Director, IITR offered to help him by forwarding his application for pursuing PhD abroad. Mr Patel has wrongly interpreted the Director's offer of help to mean financial support for the visit abroad since the Director can not make such a commitment. As per prevailing rules, a sabbatical leave could, however, be considered.
7. Mr Patel has a variety of complaints regarding selection of Jain and Kulkarni at various stages. The serious one, according to him, is their selection as Associate Professors in which the minutes of the selection committee have interchanged the specializations of Jain and Kulkarni. This is obviously an inadvertent and minor human error in writing in wrong places. It is most unfortunate that this minor mistake, when pointed out to the UOR administration, was not corrected through a proper process. Recognising the need to have a proper record, the IITR has corrected the specializations by referring the minutes to the selection committee for approval and thereafter getting the approval of the BOG (Res No BG/ 28/2002). Mr Patel contends that the correction is tantamount to a fresh selection and that his candidature should also be considered again by the Selection Committee. This argument has no merit.
8. An enquiry committee, headed by Prof P K Srivastava, was set up to inquire into the allegations against Prof Jain. Since no evidence was provided in this case by Mr Patel, the case was closed by the committee. Mr Patel has been advised to report to the Vigilance Officer of IITR in case he has creditable evidence in this old case.
9. As per the minutes (dated April 24 ,1981)of the selection committee provided by the registrar, no specialization has been specified for the selection in the minutes.

6. Academic Profile of Mr Patel : Based on discussions with students and faculty, the academic profile of Mr Patel may be summarized as follows :

1. Mr Patel takes his classes regularly. He also volunteers to accompany Architecture students on field trips. As a teacher, he takes interest in students but is not considered as inspiring and very knowledgeable teacher in new and emerging areas in the discipline.
2. The alleged financial irregularity by Mr Patel during one of the field trips has already been investigated and the matter has been resolved. No further discussion of the case is called for.
3. Mr Patel teaches the same course year after year which is neither academically healthy for Mr Patel nor for the dept. It is up to the department Head and the faculty to rectify this problem.
4. As per his biodata (attached), Mr Patel has done very little to improve his qualifications, to acquire a PhD, or to enhance knowledge capability. He has not done any research work which is publishable in any refereed journal. His publications in local / regional conference proceedings do not seem to be very significant.
5. Regrettably, Mr Patel talks about his personal matters and grievances with students in the class. His behaviour with faculty colleagues in the department is not very cordial.

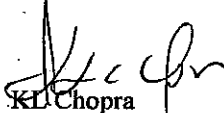
7. Recommendations :

1 .It is clear from the above statements that our conclusions are more or less the same as those already conveyed to Mr Patel by various administrations in the past. The IO has spent a lot of effort to educate Mr Patel on various rules and regulations , and code of conduct with the hope of converting a faculty member to become more harmonious and productive in an IIT system. Whatever little success seemed to have been achieved in one session was lost during the next session of the enquiry. When the inquiry came to a close, Mr Patel was asked if he had any more things to say. In reply , he has given a very long list of 26 CGs (attached) which have been looked into by the IO in one form or the other. In short , the IO endorses all the responses/decisions by the various administrations .

2. The IO feels strongly that no purpose will be served in pursuing and examining trivial and personalized issues of yesteryears raised repeatedly and endlessly by Mr Patel any further in a new - up of IITR and thus this enquiry be brought to a close.

3. Mr Patel should be advised to abide by the rules and regulations , and code mmmmmmm of conduct of IITR, to cultivate cordial relations with colleagues, and to devote his energies to upgrade his professional credentials, and enhance his teaching and research/ consultancy skills worthy of the faculty of an IIT , an Institute of National Importance.

4. Mr Patel should be warned that in the absence of any significant changes in his attitude, behaviour, and academic commitments to teaching different courses and undertaking R&D activities, the Institute will initiate an appropriate action.


K. L. Chopra
Enquiry Officer
Dec 31, 2004

(P.S : The Registrar has copies of all supporting documents. I will return my set of copies in due course. The biodata of Mr Patel, as given by him , and the latest CG list are however attached for record)

To : The Director,
I. I. T., Roorkee

Appendix 'H'

Appendix - I

Background Note for Signing of MOU between Queensland University of Technology, Australia and IIT Roorkee

1. Dr. Arun Sharma, Deputy Vice Chancellor and Mr. Scott, Queensland University of Technology, Australia along with Dr. Sheel C. Nuna, Senior Manager (Education, Science and Training), Australian High Commission, New Delhi visited IIT Roorkee on 10 Sep 2004 to explore research and academic collaboration in the area of civil engineering and related fields.
2. Prof. Y.K. Prasad, Queensland University of Technology, Australia visited IIT Roorkee on 22 Sep 2004.
3. During the meetings, it was decided that QUT would send copies of the MoUs which QUT had already signed with some other Institutions/Universities. Prof. Prasad sent the copies of the MOUs proposed to be signed with IIT Delhi and the one signed with Korea Institute of Industrial Technology.
4. These were sent to the members of the Educational Research & Planning Committee (ERPC). The committee in its meeting held on 29.11.2004 discussed the draft MOU and the few corrections so suggested were incorporated in the draft MOU. That was communicated to QUT.
5. Prof. Martin Betts, Dean, Science & Technology, Queensland University of Technology, Australia along with Prof. Y.K. Prasad visited IIT Roorkee on 6th & 7th Dec 2004 and discussed the draft MOU and various aspects with respect to collaboration, cooperation and implementation.
6. They submitted two copies of the MOU duly signed by Deputy Vice Chancellor, Queensland University of Technology, Australia.
7. A copy of the said MOU is enclosed herewith.

It is requested that approval of signing the MOU between the Queensland University of Technology, Australia and IIT Roorkee may kindly be accorded.

Encl: Copy of the draft MOU (four pages) (Signed by the Dy V-C., QUT).

Mr
31-12

Memorandum of Understanding for Academic Cooperation
between
Indian Institute of Technology Roorkee (IITR)
and
Queensland University of Technology, Australia (QUT)

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

Therefore, IITR and QUT 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 QUT agree to,

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

IITR and QUT 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 Conference/Workshop Hosting

IITR and QUT agree to help identify and invite faculty members from the other institution to participate in research or development programmes already sponsored by external funding agencies. The terms and conditions for such participation will be worked

out by mutual agreement between the faculty member(s) and the institution extending such an invitation.

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

C. Exchange of Faculty, Scientists and Staff

IITR and QUT 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 institutions during vacation periods or sabbatical leave. The terms and conditions for each visit or an assignment, including those concerning stipend, travel, and housing, will be worked out between the concerned faculty member and the institution extending an invitation.

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

D. Student Exchange

IITR and QUT 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 predetermined programme of study or research.

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

IITR-QUT
MoU

- g) If an exchange student has undertaken research, then
 - (i) the host institution will evaluate the exchange student's performance in the research, and issue a letter to that effect, together with a technical "report" of the research carried out.
 - (ii) the home institution will take note of the performance evaluation and the technical report, and take steps in accordance with its own procedures.
- h) IITR and QUT will ensure the exchange students have appropriate medical insurance to cover their stay at the host institution.
- i) As a host institution, IITR and QUT will make every effort to arrange for subsidized housing for exchange students.
- j) IITR and QUT will examine ways to identify financial resources to fund international travel by students.

Though the parties recognise and accept the above principles they agree that any student exchanges will be covered by a separate detailed agreement generally consistent with the above principles.

E. Exchange of Scientific and Technical Material

IITR and QUT will exchange information on research and educational programmes on teaching/ learning material and other literature relevant to their educational and research programmes. Further, IITR and QUT 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 QUT agree to help identify and invite faculty members from the other institutions to participate in conferences, workshops and short-term courses. The terms and conditions for such participation will be worked out by mutual agreement between the invited faculty member(s) and the institution extending such an invitation.

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

G. Intellectual Property

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

H. Coordination


17 APR 2005

IITR-QUT
MoU

Each institution shall appoint one member of its teaching/ research faculty to coordinate the programme on its behalf. Further, a coordination committee, consisting of (a) Director, IIT Roorkee, or his/her nominee, (b) Vice-Chancellor/ President, QUT, or his/her nominee, (c) Programme Coordinator from the side of IITR, and (d) Programme Coordinator from the side of QUT, will periodically review and identify ways to strengthen cooperation between the two institutions.

The Memorandum is non-binding in that it is not intended to create any legal obligations, and is subject to available funds and personnel and to the laws and regulations governing both institutions.

I. Tenure and Termination

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

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

J. Arbitration Clause

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

This MoU is signed subject to approval by the respective academic/ administrative bodies.

Signed by

Director

Indian Institute of Technology Roorkee
Roorkee - 247 667 (India)
Date:

Signed by

Deputy Vice-Chancellor
(International and Development)
Queensland University of Technology
Australia
Date:

Appendix 'I'

Background Note for Signing of MOU between The University of Western Ontario, Canada and IIT Roorkee

1. Dr. Paul Davenport, President & Vice Chancellor, The University of Western Ontario, Canada vide his letter dated 8.3.2004 addressed to Director requested to explore the establishment of collaborative research and graduate studies partnerships between IIT Roorkee and the University of Western Ontario, Canada.
2. Dr. Rajiv Varma from the department of Electrical & Computer Engineering at Western Ontario visited IIT Roorkee on 22 Mar 2004 and made a presentation about the University of Western Ontario.
3. During his visit detailed discussions were held with respect to possibilities of collaboration and cooperation.
4. Prof. Prem Vrat wrote to Prof. Davenport that Prof. Ravi Bhushan, Professor-In-Charge Planning and Dr. Rajiv Varma would be preparing a draft MOU.
5. The draft MOU was discussed in the Educational Research & Planning Committee (ERPC) in its meeting held on 29.11.2004 and the same was recommended for signing.
6. A copy of the draft MOU is enclosed herewith.
7. A delegation from University of Western Ontario would be visiting IIT Roorkee in mid Jan 2005.

It is requested that approval of signing the MOU between the University of Western Ontario, Canada and IIT Roorkee may kindly be accorded.

Encl: Copy of draft MOU (five pages)

mm 31-12

**MEMORANDUM OF UNDERSTANDING FOR INTERNATIONAL
RESEARCH COLLABORATION**

between

Indian Institute of Technology, Roorkee
Roorkee, India

and

The University of Western Ontario
London, Ontario, Canada

THIS AGREEMENT is effective as of the ____ day of _____ and is entered into between the Indian Institute of Technology Roorkee (IITR), India , and The University of Western Ontario (UWO), c/o Research Development Services—International Research, Stevenson-Lawson Building, London, Ontario N6A 5B8, Canada.

IN CONSIDERATION OF the mutual covenants of the parties set forth below, the parties agree as follows:

1. **PURPOSE**

The IITR and The University of Western Ontario believe that the quality of research and teaching is strengthened by the establishment of international cooperation links and wish to enter into research collaboration and exchange activities with a view to their mutual enrichment in scientific, academic, and cultural areas.

2. **OBJECTIVE**

The general objective of this agreement is to establish long-term research collaboration exchange programs in fields which are compatible with the orientation of each institution , and which are relevant to the industrial, scientific, social and cultural interests and needs of the countries in which the parties are respectively located.

The initial focus will be in the areas of civil, chemical, electrical and mechanical engineering. Other areas of cooperation may develop at a later time.

3. **MANNER OF IMPLEMENTATION**

The collaboration contemplated by the Agreement will be implemented by any one or more of the following:


- a. the exchange of researchers,
- b. the exchange of scholarly and materials,
- c. the coordination of collaborative research programs.

For purposes of this Agreement, "researchers" means the following:

- faculty members
- postdoctoral fellows
- graduate students participating in the exchange for the purpose of research

4. **EXCHANGE OF RESEARCHERS**

- a. The participation of any researcher from either institution in the exchange will be subject to the prior approval of such researcher by the other institution.
- b. Each institution undertakes to maintain the salary and supplementary benefits of its own faculty members who participate in the exchange, consistent with its faculty leave policies and other policies in effect from time to time.
- c. Each institution will endeavour to raise funds for travel to the host institution for its own researchers wishing to participate in the exchange. On a case by case


17 APR 1985

- basis, each institution will endeavour to provide visiting researchers with financial assistance as possible and/or appropriate.
- d. Participants from each of the institutions, while in attendance at the other institution's facilities, shall abide by the rules and regulations of that host institution regarding the use of facilities and conduct, and shall be subject to the laws of the host country.

5. **RESEARCH PROGRAM MANAGEMENT**

Each institution will appoint one (or, if appropriate, more than one) research program coordinator to ensure that the research collaboration proceeds according to a reasonable plan and to ensure that the purposes, objectives and terms of this Agreement are carried out. Each institution may at any time name a successor to, or replacement of, its research program coordinator(s).

For the initial period of the agreement the research directors will be:
Prof. TBA, IITR
Prof. Rajiv K. Varma, Faculty of Engineering, University of Western Ontario

7. **DURATION OF VISITS OF EXCHANGE RESEARCHERS**

Visits may range for a period of 2 weeks to 2 years, subject to mutual agreement between the two institutions.

8. **INTELLECTUAL PROPERTY**

In the context of their respective policies and procedures, both universities agree to share any intellectual property that is developed as a result of collaboration between the institutions pursuant to this agreement. Intellectual property that has been independently developed by a institution shall be retained by the originating institution. This provision is the over-arching agreement in principle, and shall be administered in accordance with the attached *Intellectual Property Statement*.

9. **INSURANCE**

The parties to this Agreement acknowledge that they do not provide visiting researchers with medical or hospital or personal property insurance.. It is required that visiting researchers, or their home institution, ensure that adequate provision for their needs is made in these areas.

At The University of Western Ontario, visiting researchers are required to purchase coverage under the University Health Insurance Program (UHIP) from the Department of Pensions and Benefits, unless they can demonstrate that they already possess equivalent or greater coverage from another insurance program or plan.

IITR will provide visiting researchers and graduate students from UWO with access to the medical facilities as available in its Health Centre.



11. **DURATION AND AMENDMENT OF AGREEMENT**

This Agreement shall have effect and be binding upon the parties hereto for a period of five (5) years from the date of this Agreement. Each institution represents that it has the authority to enter into this Agreement and to support the intended collaborative research initiatives. This Agreement may only be amended by the mutual consent of all parties in writing.

12. **EARLY TERMINATION**

This Agreement may be terminated at any time upon the written mutual consent of the parties, or upon either party giving twelve months written notice of termination.

13. **FREEDOM FROM DISCRIMINATION**

Each party acknowledges to the other that it subscribes to a policy of non-discrimination, which requires its employees not to discriminate on the basis of race, sex, sexual orientation, age, ethnicity, religion, or national origin. Each institution shall abide by these principles in the administration of this Agreement and neither institution shall impose criteria for the exchange of researchers that would violate these principles of non-discrimination.

14. **LANGUAGE**

Although a translation of this Agreement may be prepared in another language, it is understood and agreed that this English-language version is the official and binding document between the parties.

IN WITNESS WHEREOF the parties have executed this Agreement with effect as of the date first written.

THE UNIVERSITY OF WESTERN ONTARIO
The Board of Governors

Indian Institute of Technology, Roorkee

Gregory A. Moran,
Vice-President (Academic) and Provost

Prof. Prem Vrat
Director

Nils Petersen,
Vice-President (Research)

Janis K. Van Fleet,
Secretary of the Board

AGREEMENT FOR INTERNATIONAL RESEARCH COLLABORATION

Intellectual Property Statement (Clause 7)

a) For purposes of this section:

- i) "Intellectual Property" means, without limitation, any and all know-how, processes, technologies, software, specifications, drawings, flow charts, sketches, models, samples, technical or business information or data, inventions, discoveries, techniques, technical information and all related intellectual property rights worldwide arising under any law, and whether or not statutorily protected, including all i) patents, patent applications and patent rights; ii) copyright registrations, copyright applications and copyright rights; iii) industrial designs and industrial design applications; iv) trademarks, trademark applications, trademark registrations, and trademark rights; v) rights relating to the protection of confidential information; vi) any other proprietary rights relating to intangible property; and vii) divisions, continuations, renewals, reissues and extensions of any of the above (as and to the extent applicable) now existing or hereafter filed, issued or acquired;
- ii) "Project" means any form of collaboration including, but not limited to, a training, research or service delivery program, project or subject area in which the parties collaborate or assist each other as contemplated by this Agreement; and
- iii) Where a provision is to the effect that The University of Western Ontario owns any Intellectual Property, such provision shall be read to mean that The University of Western Ontario, or its faculty members, other employees or students that are participants in the Project, own such Intellectual Property in accordance with its policies and any applicable collective agreement.

(b) Unless the parties have otherwise agreed in writing with respect to a specific research program or Project prior to commencement of work on such Project:

- (i) All Intellectual Property of an institution (and its third party licensors) that existed on the date of commencement of the Project or that is subsequently created or acquired solely by any such institution in performing the work under the Project shall be owned by that institution. The other universities shall have a personal, non-exclusive right to use such Intellectual Property provided by the first named institution for purposes of the Project and for internal teaching and research purposes.
- (ii) Ownership of jointly developed Intellectual Property shall be determined by the participating universities on a Project basis, having regard to the nature, quality and extent of the contributions by the respective universities.
- (iii) Any commercialization of jointly-developed Intellectual Property, including publication or other disclosure, shall be as determined in advance by all the respective program directors of the contributing universities.

(iv) Any dispute in connection with the ownership, commercialization, publication, or other rights in connection with jointly-developed Intellectual Property shall be determined by arbitration in accordance with the rules of the International Chamber of Commerce.

Appendix 'J'

Appendix - III

Background Note for Signing of MoU with Technische Universität Muenchen (TUM), Germany and IIT Roorkee

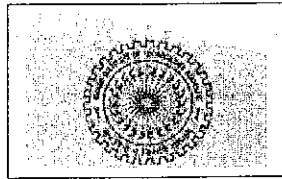
1. Dr. Roland Koch, Academic Director, Technische Universität Muenchen (TUM), requested to sign an MOU between Technische Universität Muenchen (TUM), Germany and IIT Roorkee vide e-mail dated 17.11.2004.
2. The Educational Research & Planning Committee in its meeting held on 29.11.2004 discussed the draft MOU in detail and recommended that it may be signed.
3. The committee suggested a few modifications which have been incorporated.
4. An article stating that **"this general agreement is effective as to the date of approval/ratification by the appropriate authority by of each signatory institution"** has also been incorporated. The change has been accepted by TUM.
5. Prof. Prem Vrat, Director, IIT Roorkee during his Germany visit in Dec 2004 also visited TUM and discussed the provisions of MOU and possibilities of collaboration.
6. A copy of the revised draft MOU is enclosed herewith.

It is requested that approval of signing the MOU between the Technische Universität Muenchen (TUM), Germany and IIT Roorkee may kindly be accorded.

Encl: Copy of the draft MOU (three pages)


31/12





Memorandum of Understanding

Between
Indian Institute of Technology Roorkee (IITR), India

and
Technische Universität Muenchen (TUM), Germany

on Academic and Research Collaboration

Preamble

The Indian Institute of Technology Roorkee (IITR) and the Technische Universität München (TUM) are mutually interested to carry on their existing academic relationship in enlarging and broadening their co-operation and in intensifying their collaboration in academic and research-related activities especially in the areas of Science and Engineering.

The two institutions have discussed the furtherance of these interests and now record their mutual understanding as follows:

Article I

The scope of collaboration on academic and research activities included in this General Agreement encompasses the following categories:

1. Research collaboration in areas of mutual interest to both parties.
2. Exchange of scientific materials which are made available by both parties.
3. Exchange of faculty members.
 - a. Both universities undertake to care, as far as possible, for the needs of visitors from the partner university and to assist them in finding suitable accommodation.
 - b. The home university will continue to pay the salary of members of staff during their stay abroad. The receiving university will make no salary payments to the visiting member of staff. Both partners will make efforts to compensate members of staff for any extra expenditure which they may incur.
 - c. The home university or the member of staff personally will be responsible for any travel expenses.
4. Sponsorship of co-operative seminars, workshops, and other scientific meetings on matters of mutual interest as well as nurturing joint-venture start-up companies.
5. Exchange of students.

Both the TUM and IITR will participate in the IIT-Sandwich programme between India and Germany according to the rules laid down by the signatories, the Indian and the German Government.

Bilaterally, both the TUM and IITR will participate in the TUM exchange program Links to Asia by Organising Traineeship and Student Exchange (LAOTSE), which includes the obligation to offer study programmes in English language at all participating universities and assistance to the students to find industrial internship in the host country.



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- a. No study fees will be charged by the receiving university.
- b. The home University/Institution is responsible for the testing of English language skills of the exchange students.
- c. The exchange students will remain enrolled at their home university or will be granted a sabbatical term. The students will at the same time be enrolled at the receiving university.
- d. Travel costs, living expenses and the costs of medical insurance will be borne by the exchange student. TUM and IITR will negotiate with Sponsor-Companies the financial support of flight costs for the German and the Asian students, of a paid four month internship in the respective company and of additional allowances for a four month study period at TUM or IITR.

Article II

In order to carry out activities as stated in Article I, detailed plans will be formed as necessary following consultation between the two institutions and the appropriate schools, faculties, or other divisions of said institutions. Projects to be conducted under this Agreement shall be decided by both parties, and become integral part of this Agreement.

Article III

1. The co-ordinator of IITR for the implementation of this General Agreement will be named by IITR. The co-ordinator of TUM for the implementation of this General Agreement will be the TUM Representative for Asia (Dr. Roland Koch).
2. The final agreement and implementation of any project will be dependent upon the availability of guaranteed support funds. Participating faculty members of IITR and TUM will propose joint projects to sponsoring institutions.
3. All intellectual property solely conceived and/or developed by TUM during the course of this Agreement shall be owned by TUM. All intellectual property solely conceived and/or developed by IITR during the course of this Agreement shall be owned by IITR. Intellectual property jointly conceived and /or developed by TUM and IITR will be jointly owned by TUM and IITR. Each party may use such property for research and scholarly purposes. TUM and IITR agree to collaborate towards the protection, if appropriate, and application of such intellectual property for commercial or other purposes on mutually acceptable terms to be negotiated in good faith between the parties.
4. Neither IITR nor TUM will be responsible or held liable for the actions of the other party for any activity under this Agreement. Furthermore, neither party shall be required to purchase any insurance against loss or damage to any personal property to which this Agreement relates.

Article IV

1. This General Agreement is effective as to the date of approval/ratification by the appropriate authority of each signatory institution.
2. This General Agreement may be amended at any time by mutual consent and shall continue in force and effect for five years and can be extended by mutual consent of both parties.
3. Participants from each of the Institutions, while in attendance at the other institution's facilities, shall abide by the rules and regulations of that host institution regarding the use of facilities and conduct, and shall be subject to the laws of the host country.

Executed for the
Indian Institute of Technology Roorkee
by the Director

Executed for the
Technische Universität München
by the President

Prof. Dr. Prem Vrat

Prof. Dr Wolfgang A. Herrmann

Place/ Date:

Appendix 'K'

Appendix – IV

Background Note for Signing of MoU with IHM-Karlsruhe, Germany and IIT Roorkee

1. At the request of Prof. Dr. Manfred Thumm, Director, Institute for Pulsed Power and Microwave Technology, Forschungszentrum Karlsruhe, Germany a draft MOU was prepared and discussed in details in the Educational Research & Planning Committee in its meeting held on 29.11.2004 and sent to Prof. Manfred Thumm.
2. Prof. Dr. Manfred Thumm in his letter dated 16.12.2004 addressed to Prof. Prem Vrat, Director has agreed with the draft MOU and expressed that it will lead to a greater scientific and research coolaboration between these two Institutes, (copy of the letter enclosed).
3. A copy of the draft MOU is enclosed herewith.

It is requested that approval of signing the MOU between the IHM-Karlsruhe, Germany and IIT Roorkee may kindly be accorded.

- Encl: (i) Copy of the letter from Prof. Manfred Thumm
(ii) copy of the draft MOU, (seven pages)
(it has been signed by Prof. Dr. Manfred Thumm)

mm
31-12-04

**Forschungszentrum Karlsruhe
in der Helmholtz-Gemeinschaft**

**Institut für Hochleistungsimpuls-
und Mikrowellentechnik**

Leiter: Prof. Dr. Dr. h.c. Manfred Thumm

Forschungszentrum Karlsruhe GmbH, Postfach 36 40, 76021 Karlsruhe

Professor Dr. Prem Vrat
Director
Indian Institute of Technology Roorkee
Roorkee 247 667
India

Director's Office
Institute for High Power Technology
Dy. No. 31-74 ... 23/10/04
Signature ...

Datum: 16.12.2004
Bearbeiter/-in:
Telefon: 07247 82-2440
Fax: 07247 82-4874
E-Mail: manfred.thumm@ihm.fzk.de
Unser Zeichen:
Internet: <http://www.fzk.de/ihe>

Sub: MoU between FZK/IHM and IITR

**Ref: With reference to my discussion with Dr. M.V. Kartikeyan during his visit as Guest
Scientist at FZK/IHM between 24/05/2004 – 23/07/2004**

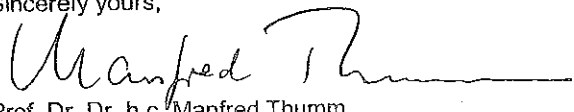
Dear Professor Dr. Prem Vrat,

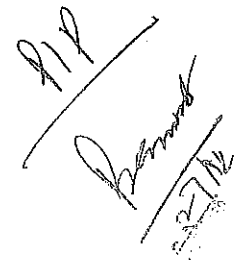
This has the reference to my detailed discussions with Dr. M. V. Kartikeyan and the consequent preparation of a MoU for a probable collaboration between FZK/IHM and IITR. I have already seen the 2nd draft (after incorporating necessary corrections) of the MoU prepared by Dr. Kartikeyan and I fully agree with the contents of the proposal which will lead to a greater scientific and research collaboration between these two Institutes. In this context, I would like to highlight our earlier scientific cooperation with Dr. Kartikeyan which has spanned for more than a decade resulting around 50 scientific papers and a state-of-the-art book on the theory and practice of "Gyrotrons for High Power Microwave and Millimeter Wave Technology".

Trust, this proposed collaboration will also be fruitful and we are planning to apply for a probable funding from DFG if once this MoU is formally agreed upon and signed duly. I, therefore, anticipate a final draft of the MoU from you at an earliest possible date so that it could be signed. In addition, we heartily invite you to visit us here at FZK/IHM during one of your visits to Germany.

I look forward to hear from you.
With kindest regards.

Sincerely yours,


Prof. Dr. Dr. h.c. Manfred Thumm
Director
Institute for Pulsed Power and Microwave Technology
Forschungszentrum Karlsruhe
and
Professor for Microwave Techniques and Measurements
University of Karlsruhe



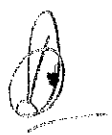


Forschungszentrum Karlsruhe GmbH
Mitglied der Helmholtz-Gemeinschaft Deutscher
Forschungszentren e.V. (HGF)
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldsdorf
Telefon: 07247 93-0
Fax: 07247 93-3030
info@fzk.de

Vorsitzender des Aufsichtsrates:
Ministerialdirektor
Dr. Hermann Schuch
Vorstand (Geschäftsführung):
Prof. Dr. Manfred Popo (Vorsitzender)
Ass. Jur. Siegfried Leide
Geschäftsführer: Dr. Volker Zühlke
Dr. Ingrid Pöhl
Prof. Dr. Rüdiger Klein

Sitz der Gesellschaft:
Weberstr. 5, 76133 Karlsruhe
Handelsregister:
Amtsgericht Karlsruhe HRD 302
Bankverbindungen:
Baden-Württembergische
Bank AG, Karlsruhe
Kto. 1 002 475 202 (G.L.F. Bank AG)

Commerzbank AG, Karlsruhe
Kto. 2 221 000 (BLZ 550 400 18)
Dresdner Bank AG, Karlsruhe
Kto. 563 439 800 (BLZ 680 000 52)
UST-IdNr.: DE 143584209



MEMORANDUM OF UNDERSTANDING

BETWEEN

INSTITUT FÜR HOCHLEISTUNGSPULS- UND
MIKROWELLENTCHNIK (IHM)
FORSCHUNGSZENTRUM KARLSRUHE (FZK)
POSTFACH 3640, D 76021 KARLSRUHE
GERMANY

AND

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE (IITR)
ROORKEE 247 667
INDIA



1.0 PREAMBLE

The Indian Institute of Technology Roorkee (IITR) and the Institut für Hochleistungsimpuls- und Mikrowellentechnik (IHM), Forschungszentrum Karlsruhe (FZK), Germany, hereby agree to encourage academic and research cooperation through study and research in furtherance of the development of learning as stipulated below.

2.0 OBJECTIVE AND SCOPE

Both the institutions (IHM & IITR) shall encourage cooperation between research groups, researchers and Institute staff and their exchange visits for teaching and research. In this context, the conditions for exchange shall be established by specific agreements between the respective schools/departments. The overall objective and enlargeable scope of this MoU are enlisted below:

- (i) The aim of the present agreement is to define the framework for common measures to be taken by IHM/FZK and IITR in order to promote the exchange of persons, activities and experience in relevant fields of higher education and research.



- (ii) To promote academic and research cooperation between the two institutes for the enhancement of knowledge and vision.
- (iii) To foster the exchange of academic publications and scholarly information.
- (iv) To participate in the other forms of cooperation which the two institutions may jointly arrange. Prior to implementation, each initiative in this category will require a formal agreement between the parties outlining all the detailed arrangements including the full financial responsibilities of each party, if required.
- (v) Initially, the broad areas of common interest have been identified as follows:
 - ❖ Design and development of high power gyrotrons for Electron Cyclotron Resonance Heating (ECRH) of fusion plasmas and other applications.
 - ❖ Design and development of specific gyrotrons for various Industrial-Scientific-Medical (ISM) applications.



- ❖ Design and development of specific modules/components of gyro-devices.
- ❖ Analytical and design studies of novel interaction structures for high power microwave sources.
- ❖ Any relevant research topic in the field of pulsed power and microwave techniques of overlapping or mutual interest.

(vi) The scope of the cooperation is wide open to other scientific fields of common interest of both the institutions

3.0 IMPLEMENTATION OF THE PROGRAMME

Both the Institutes acknowledge that the visits by research students/ faculty members or Research scientists from one institute to the other shall be subject to the entry and visa regulations of Germany and India and shall comply with the regulations and policies of Institut für Hochleistungsimpuls- und Mikrowellentechnik (IHM), Forschungszentrum Karlsruhe (FZK), Germany and the Indian Institute of Technology Roorkee (IITR), India.



4.0 FUNDING

The initial stages of this programme may not be funded by any supporting agency. However, the visits of students from either side may explore the possible funding services from suitable supporting organizations. Besides, the exchange visitors will receive a waiver of tuition fees, but will be responsible for the costs of their travel, visas, insurance, accommodation, and living expenses.


After its inception, the programme unfolds wide open for its probable funding to support the research and exchange visits of the respective faculty/scientists. This funding may be realized on application to various funding agencies of relevance. The faculty/scientists of the two institutions can submit joint project proposals to relevant funding agencies and the funding application should be made by the participating institutions with their mutual consent and discussions regarding the scope and extent of such funded exchange programme to meet its goals.

5.0 COMMENCEMENT AND TENURE

This memorandum of understanding (MoU) shall become effective on the date of signing for five years and may be automatically renewed for successive five year periods unless either institute gives the other a written notice of its desire to revise or terminate the MoU at least twelve months prior to its termination.

6.0 PROGRAMME COORDINATORS

Each Institute will nominate its own representatives within each field of cooperation and such representatives will be responsible for all measures to be undertaken under this agreement. From now onwards, these nominated representatives will be called the programme coordinators for that particular programme envisaged. These programme coordinators will provide advisory and other academic services to all the members participating under this agreement.



7.0 AMENDMENTS

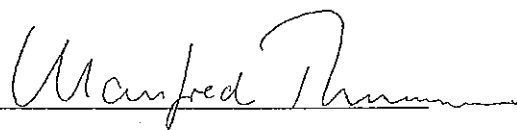
Amendments or changes to this agreement or MoU shall be made in writing and signed by the duly authorized representatives of the two institutes.

8.0 INTELLECTUAL PROPERTY RIGHTS

Rights regarding publications, patents, royalty, ownership of software/ design/ products developed, etc., shall be decided by the two parties by mutual consent.

On behalf of IHM, FZK

On behalf of the IITR



(Professor Dr. Manfred Thumm)

Director, IHM, FZK

(Professor Dr. Prem Vrat)

Director, IITR

Date: December 16, 2004

Date: _____

Appendix 'L'

Appendix - V

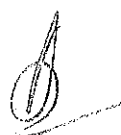
Background Note for signing the MOU between UNESCO-IHE, Delft, The Netherlands and IIT Roorkee

1. Mr. Recharad Meganck, Chairman of the UNESCO-IHE, Power Panel of Rectors, Vice Chancellors and Directors, The Netherlands, vide his letter dated 29.4.2004 requested IITR to become a member of PoWER. He also provided a copy of the "Arrangements for Governance and Operations of PoWER".
2. This invitation is based on the several visits and discussions between IIT Roorkee and the Programme Director of PoWER, Mr. Atem Ramsundersingh, and Senior Science Officer, Mr. R.Jayakumar of UNESCO New Delhi, since August 2003.
3. As a follow up of these visits, a draft MOU to be signed between IIT and UNESCO-IHE, Delft, The Netherlands has also been prepared. The draft MOU is enclosed herewith.
4. The Educational Research & Planning Committee in its meeting held on 29.11.2004 discussed in detail the proposal of becoming the members of PoWER and the draft MOU and recommended the same.
5. Prof. Recharad Meganck has proposed to visit IIT Roorkee in Feb 2005 and to have the ceremonial signing of the PoWER Charter.

It is requested that approval of signing the MOU between UNESCO-IHE, Delft, The Netherlands and IIT Roorkee may kindly be accorded.

Amu
31/12-04

Encl: Copy of the draft MOU (two pages)



**MEMORANDUM OF UNDERSTANDING
BETWEEN
UNESCO-IHE, DELFT, THE NETHERLANDS
AND
THE INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

I. PREAMBLE

UNESCO-IHE Delft, The Netherlands and the Indian Institute of Technology Roorkee (IIT) hereby agree to encourage academic cooperation through research and study in furtherance of the advancement of learning as stipulated below :

II. OBJECTIVE AND SCOPE

- (1) To promote academic cooperation
- (2) To encourage visits by research students and faculty from one institute to the other for the purpose of research engagements.
- (3) To foster the exchange of academic publications and scholarly information.
- (4) Other forms of cooperation which the two institutions may jointly arrange. Prior to implementation, each initiative in this category will require a formal agreement between the parties outlining all detailed arrangements including the full financial responsibilities of each party.
- (5) Initially, the broad areas of common interest have been identified. Department of Hydrology, IIT Roorkee to be a member of Partnership for Water Education and Research (PoWER) program of UNESCO-IHE.

III. IMPLEMENTATION OF PROGRAMME

Both institutes acknowledge that the visit by research student/faculty from one University/Institute to the other shall be subject to the entry and visa regulations of The Netherlands and India and shall comply with the regulations and policies of UNESCO-IHE, Delft and the Indian Institute of Technology Roorkee.

IV. EXCHANGE OF RESEARCHERS

1. The participation of any researcher from either institution in the exchange will be subject to prior approval of both institutions.
2. Each institution undertakes to maintain the salary and supplementary benefits of its own faculty members who participate in the exchange, consistent with its faculty leave policies and other policies in effect from time to time.
3. Each institution will endeavour to raise funds for travel to the host institution for its own researchers wishing to participate in the exchange. On a case by case basis, each institution will endeavour to provide visiting researchers with adequate financial assistance.

4. Participants from each of the institutions, while in attendance at the other institution's facilities, shall abide by the rules and regulations of the host institution regarding the use of facilities and conduct, and shall be subject to the laws of the host country.

V. COMMENCEMENT AND TENURE

The Memorandum of Understanding shall become effective from the date of signing for three years and may be automatically renewed for successive three years periods unless either Institute gives the other institute a written notice of its desire either to terminate or to revise the memorandum of Understanding twelve months prior to its termination.

VI. PROGRAMME CO-ORDINATORS

Each institution will nominate one (or, if appropriate, more than one) research program coordinator to ensure that the research collaboration proceeds according to a mutually agreed plan and to ensure that the purposes, objectives and terms of this Agreement are carried out. Each institution may at any time name a successor to, or replacement of, its research program coordinator(s).

VII. AMENDMENTS

Amendments or changes to this agreement shall be made in writing and signed by the duly authorized representatives of the two Institutes.

VIII. INTELLECTUAL PROPERTY RIGHT

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

On behalf of UNESCO-IHE, DELFT
The Netherlands

On behalf of Indian Institute of Technology
Roorkee

Prof. Richard Meganck
Director, UNESCO-IHE, DELFT
The Netherlands

Prof. Prem Vrat
Director, I.I.T. Roorkee

Dated :

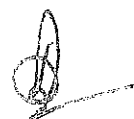
Dated :



**REVISED FLAT RATE OF LICENCE FEE OF INSTITUTE
RESIDENCES W.E.F. 1ST APRIL 2005**

CATEGORY A-1 (PAY RANGE Rs.14,899 & above)

Sl. No.	Residence No. & Location	Living Area in Sq. M.	Existing flat rate of License fee	Revised flat rate of License fee
1	Director's Lodge	216	550.00	1087.00
2	2 Niti Nagar	91	320.00	367.00
3	3 Niti Nagar	91	320.00	367.00
4	8/1 Niti Nagar	90	320.00	367.00
5	8/2 Niti Nagar	90	320.00	367.00
6	9 Niti Nagar	91	320.00	367.00
7	10/1 Niti Nagar	90	320.00	367.00
8	10/2 Niti Nagar	90	320.00	367.00
9	12/1 Niti Nagar	90	320.00	367.00
10	12/2 Niti Nagar	90	320.00	367.00
11	13 Niti Nagar	91	320.00	367.00
12	14/1 Niti Nagar	90	320.00	367.00
13	14/2 Niti Nagar	90	320.00	367.00
14	16/1 Niti Nagar	90	320.00	367.00
15	16/2 Niti Nagar	90	320.00	367.00
16	17 Niti Nagar	91	320.00	367.00
17	18/1 Niti Nagar	90	320.00	367.00
18	18/2 Niti Nagar	90	320.00	367.00
19	20/1 Niti Nagar	90	320.00	367.00
20	20/2 Niti Nagar	90	320.00	367.00
21	21 Niti Nagar	91	320.00	367.00
22	22/1 Niti Nagar	90	320.00	367.00
23	22/2 Niti Nagar	90	320.00	367.00
24	54/1 Ravindra Lok	90	320.00	367.00
25	54/2 Ravindra Lok	90	320.00	367.00
26	55/1 Ravindra Lok	90	320.00	367.00
27	55/2 Ravindra Lok	90	320.00	367.00
28	56/1 Ravindra Lok	90	320.00	367.00
29	56/2 Ravindra Lok	90	320.00	367.00
30	57/1 Ravindra Lok	90	320.00	367.00
31	57/2 Ravindra Lok	90	320.00	367.00
32	61 Ravindra Lok	176	360.00	693.00 *
33	76/1 Govindpuri	91.25	460.00	460.00
34	76/2 Govindpuri	91.25	460.00	460.00
35	91 Vigyan Kunj	107.50	560.00	560.00
36	92 Vigyan Kunj	107.50	560.00	560.00
37	93 Vigyan Kunj	107.50	560.00	560.00



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38	94 Vigyan Kunj	107.50	560.00	560.00
39	95 Vigyan Kunj	107.50	560.00	560.00
40	96 Vigyan Kunj	107.50	560.00	560.00
41	98 Vigyan Kunj	101.00	500.00	500.00
42	99 Vigyan Kunj	101.00	500.00	500.00
43	100 Vigyan Kunj	101.00	500.00	500.00
44	103 Vigyan Kunj	107.50	560.00	560.00
45	104 Vigyan Kunj	107.50	560.00	560.00
46	105 Vigyan Kunj	107.50	560.00	560.00
47	106 Vigyan Kunj	107.50	560.00	560.00
48	121 Thomason Marg	107.50	560.00	632.00
49	122 Thomason Marg	107.50	560.00	632.00
50	123 Thomason Marg	107.50	560.00	632.00
51	124 Thomason Marg	107.50	560.00	632.00
52	125 Thomason Marg	107.50	560.00	632.00
53	135/1 Vikas Nagar	91.00	320.00	367.00
54	135/2 Vikas Nagar	91.00	320.00	367.00
55	137/1 Vikas Nagar	91.00	320.00	367.00
56	137/2 Vikas Nagar	91.00	320.00	367.00
57	141/1 Vikas Nagar	91.00	320.00	367.00
58	141/2 Vikas Nagar	91.00	320.00	367.00
59	143/1 Vikas Nagar	91.00	320.00	367.00
60	143/2 Vikas Nagar	91.00	320.00	367.00
61	145 Vikas Nagar	107.50	560.00	632.00
62	146 Vikas Nagar	107.50	560.00	632.00
63	149 Vikas Nagar	107.50	560.00	632.00
64	160 Vikas Nagar	67.00	280.00	293.00
65	161 Vikas Nagar	67.00	280.00	293.00
66	162 Vikas Nagar	67.00	320.00	320.00
67	201/1 Saraswati Kunj	77.50	460.00	460.00
68	201/2 Saraswati Kunj	77.50	460.00	460.00
69	201/3 Saraswati Kunj	68.50	360.00	360.00
70	201/4 Saraswati Kunj	68.50	360.00	360.00
71	202/1 Saraswati Kunj	77.50	460.00	460.00
72	202/2 Saraswati Kunj	77.50	460.00	460.00
73	202/3 Saraswati Kunj	68.50	360.00	360.00
74	202/4 Saraswati Kunj	68.50	360.00	360.00
75	203/1 Saraswati Kunj	77.50	460.00	460.00
76	203/2 Saraswati Kunj	77.50	460.00	460.00
77	203/3 Saraswati Kunj	68.50	360.00	360.00
78	203/4 Saraswati Kunj	68.50	360.00	360.00
79	204/1 Saraswati Kunj	77.50	460.00	460.00
80	204/2 Saraswati Kunj	77.50	460.00	460.00
81	204/3 Saraswati Kunj	68.50	360.00	360.00
82	204/4 Saraswati Kunj	68.50	360.00	360.00
83	205/1 Saraswati Kunj	77.50	460.00	460.00
84	205/2 Saraswati Kunj	77.50	460.00	460.00



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85	205/3 Saraswati Kunj	68.50	360.00	360.00
86	205/4 Saraswati Kunj	68.50	360.00	360.00
87	206/1 Saraswati Kunj	77.50	460.00	460.00
88	206/2 Saraswati Kunj	77.50	460.00	460.00
89	206/3 Saraswati Kunj	68.50	360.00	360.00
90	206/4 Saraswati Kunj	68.50	360.00	360.00
91	207/1 Saraswati Kunj	77.50	460.00	460.00
92	207/2 Saraswati Kunj	77.50	460.00	460.00
93	207/3 Saraswati Kunj	68.50	360.00	360.00
94	207/4 Saraswati Kunj	68.50	360.00	360.00
95	208/1 Saraswati Kunj	77.50	460.00	460.00
96	208/2 Saraswati Kunj	77.50	460.00	460.00
97	208/3 Saraswati Kunj	68.50	360.00	360.00
98	208/4 Saraswati Kunj	68.50	360.00	360.00

* License Fee fixed at 75% of the amount calculated as per the G.O.No. 18011/4/203-POL-III dated 22.6.2004 & MHRD circular No. 13-1/2004-S&S(PT) dated 28.6.2004.

CATEGORY A-2 (PAY RANGE Rs. 8,000 to 14,899)

Sl. No.	Residence No. & Location	Living Area in Sq. M.	Existing flat rate of License fee	Revised flat rate of License fee
1	1 Niti Nagar	118	280.00	474.00 *
2	4/1 Niti Nagar	65.50	280.00	293.00
3	4/2 Niti Nagar	65.50	280.00	293.00
4	4/3 Niti Nagar	55	240.00	240.00
5	4/4 Niti Nagar	55	240.00	240.00
6	5/1 Niti Nagar	65.50	280.00	293.00
7	5/2 Niti Nagar	65.50	280.00	293.00
8	5/3 Niti Nagar	55	240.00	240.00
9	5/4 Niti Nagar	55	240.00	240.00
10	6/1 Niti Nagar	72	280.00	293.00
11	6/2 Niti Nagar	72	280.00	293.00
12	6/3 Niti Nagar	59.50	240.00	293.00
13	6/4 Niti Nagar	59.50	240.00	293.00
14	7 Niti Nagar	119	280.00	474.00*
15	11 Niti Nagar	119	280.00	474.00*
16	15 Niti Nagar	124	280.00	474.00*
17	19 Niti Nagar	124	280.00	474.00*
18	23 Niti Nagar	186	500.00	693.00*
19	24/1 Niti Nagar	50	240.00	240.00
20	24/2 Niti Nagar	50	280.00	280.00
21	24/3 Niti Nagar	50	200.00	217.00
22	24/4 Niti Nagar	50	200.00	217.00
23	25/1 Niti Nagar	50	280.00	280.00
24	25/2 Niti Nagar	50	280.00	280.00
25	25/3 Niti Nagar	50	200.00	217.00
26	25/4 Niti Nagar	50	200.00	217.00

27	26/1 Niti Nagar	50	280.00	280.00
28	26/2 Niti Nagar	50	280.00	280.00
29	26/3 Niti Nagar	50	200.00	217.00
30	26/4 Niti Nagar	50	200.00	217.00
31	27/1 Niti Nagar	50	280.00	280.00
32	27/2 Niti Nagar	50	280.00	280.00
33	27/3 Niti Nagar	50	200.00	217.00
34	27/4 Niti Nagar	50	200.00	217.00
35	28/1 Niti Nagar	72	280.00	280.00
36	28/2 Niti Nagar	72	280.00	280.00
37	28/3 Niti Nagar	53	200.00	217.00
38	28/4 Niti Nagar	53	200.00	217.00
39	29/1 Niti Nagar	72	280.00	280.00
40	29/2 Niti Nagar	72	280.00	280.00
41	29/3 Niti Nagar	53	200.00	217.00
42	29/4 Niti Nagar	53	200.00	217.00
43	30/1 Niti Nagar	53	240.00	240.00
44	30/2 Niti Nagar	55	240.00	240.00
45	30/3 Niti Nagar	55	200.00	217.00
46	30/4 Niti Nagar	55	200.00	217.00
47	31/1 Niti Nagar	55	280.00	280.00
48	31/2 Niti Nagar	55	280.00	280.00
49	31/3 Niti Nagar	55	200.00	217.00
50	31/4 Niti Nagar	55	200.00	217.00
51	32/1 Niti Nagar	77.50	280.00	367.00
52	32/2 Niti Nagar	53	280.00	280.00
53	32/3 Niti Nagar	53	200.00	217.00
54	32/4 Niti Nagar	63	200.00	265.00
55	31/1 Amod Kunj	63	160.00	199.00*
56	31/2 Amod Kunj	63	160.00	199.00*
57	32/1 Amod Kunj	63	160.00	199.00*
58	32/2 Amod Kunj	63	160.00	199.00*
59	33/1 Amod Kunj	63	160.00	199.00*
60	33/2 Amod Kunj	63	160.00	199.00*
61	34/1 Amod Kunj	60	160.00	199.00*
62	34/2 Amod Kunj	60	160.00	199.00*
63	35/1 Amod Kunj	60	160.00	199.00*
64	35/2 Amod Kunj	60	160.00	199.00*
65	36/1 Amod Kunj	60	160.00	199.00*
66	36/2 Amod Kunj	60	160.00	199.00*
67	37/1 Amod Kunj	60	160.00	199.00*
68	37/2 Amod Kunj	60	160.00	199.00*
69	38/1 Amod Kunj	60	160.00	199.00*
70	38/2 Amod Kunj	60	160.00	199.00*
71	39/1 Amod Kunj	60	160.00	199.00*
72	39/2 Amod Kunj	60	160.00	199.00*
73	40/1 Amod Kunj	60	160.00	199.00*



74	40/2 Amod Kunj	60	160.00	199.00*
75	41/1 Amod Kunj	60	160.00	199.00*
76	41/2 Amod Kunj	60	160.00	199.00*
77	58/1 Ravindra Lok	55	260.00	260.00
78	58/2 Ravindra Lok	55	260.00	260.00
79	58/3 Ravindra Lok	55	260.00	260.00
80	58/4 Ravindra Lok	55	260.00	260.00
81	59/1 Ravindra Lok	55	260.00	260.00
82	59/2 Ravindra Lok	55	260.00	260.00
83	59/3 Ravindra Lok	55	260.00	260.00
84	59/4 Ravindra Lok	55	260.00	260.00
85	59/5 Ravindra Lok	55	260.00	260.00
86	59/6 Ravindra Lok	55	260.00	260.00
87	59/7 Ravindra Lok	55	260.00	260.00
88	60/1 Ravindra Lok	55	260.00	260.00
89	60/2 Ravindra Lok	55	260.00	260.00
90	60/3 Ravindra Lok	55	260.00	260.00
91	60/4 Ravindra Lok	55	260.00	260.00
92	60/5 Ravindra Lok	55	260.00	260.00
93	62/1 Ravindra Lok	92	280.00	390.00*
94	62/2 Ravindra Lok	89	160.00	275.00*
95	64/1 Ravindra Lok	145	280.00	474.00*
96	64/2 Ravindra Lok	145	280.00	474.00*
97	73/1 Govindpuri	72	280.00	293.00
98	73/2 Govindpuri	72	280.00	293.00
99	73/3 Govindpuri	59.50	240.00	265.00
100	73/4 Govindpuri	59.50	240.00	265.00
101	77/1 Govindpuri	85	240.00	275.00*
102	77/2 Govindpuri	85	240.00	275.00*
103	97-A VigyanKunj	95	280.00	390.00*
104	97-B VigyanKunj	95	320.00	390.00*
105	101/1 VigyanKunj	85	200.00	275.00*
106	101/2 VigyanKunj	85	200.00	275.00*
107	101/3 VigyanKunj	85	200.00	275.00*
108	102/1 VigyanKunj	86	160.00	275.00*
109	102/2 VigyanKunj	72	160.00	220.00*
110	102/3 VigyanKunj	106	200.00	390.00*
111	102/4 VigyanKunj	39	160.00	163.00*
112	102/5 VigyanKunj	27	240.00	240.00*
113	114 Nirmanpath	106	240.00	390.00*
114	115 Nirmanpath	106	240.00	390.00*
115	116/1 Nirmanpath	55	240.00	240.00
116	116/2 Nirmanpath	55	240.00	240.00
117	116/3 Nirmanpath	55	240.00	240.00
118	116/4 Nirmanpath	55	240.00	240.00
119	131/1 Vikas Nagar	63	240.00	265.00
120	131/2 Vikas Nagar	63	240.00	265.00

121	131/3 Vikas Nagar	63	200.00	265.00
122	131/4 Vikas Nagar	63	200.00	265.00
123	132/1 Vikas Nagar	63	240.00	265.00
124	132/2 Vikas Nagar	63	240.00	265.00
125	132/3 Vikas Nagar	63	200.00	265.00
126	132/4 Vikas Nagar	63	200.00	265.00
127	133/1 Vikas Nagar	63	240.00	265.00
128	133/2 Vikas Nagar	63	240.00	265.00
129	133/3 Vikas Nagar	63	200.00	265.00
130	133/4 Vikas Nagar	63	200.00	265.00
131	134/1 Vikas Nagar	61	240.00	265.00
132	134/2 Vikas Nagar	61	240.00	265.00
133	134/3 Vikas Nagar	61	200.00	265.00
134	134/4 Vikas Nagar	61	200.00	265.00
135	136/1 Vikas Nagar	61	240.00	265.00
136	136/2 Vikas Nagar	61	240.00	265.00
137	136/3 Vikas Nagar	61	200.00	265.00
138	136/4 Vikas Nagar	61	200.00	265.00
139	138/1 Vikas Nagar	87	240.00	275.00*
140	138/2 Vikas Nagar	87	240.00	275.00*
141	139/1 Vikas Nagar	61	240.00	265.00
142	139/2 Vikas Nagar	61	240.00	265.00
143	139/3 Vikas Nagar	61	240.00	265.00
144	139/4 Vikas Nagar	61	240.00	265.00
145	140/1 Vikas Nagar	72	240.00	293.00
146	140/2 Vikas Nagar	72	240.00	293.00
147	140/3 Vikas Nagar	59.50	240.00	293.00
148	140/4 Vikas Nagar	59.50	240.00	293.00
149	148/1 Vikas Nagar	87	240.00	367.00
150	148/2 Vikas Nagar	87	240.00	367.00
151	150/1 Teacher Hosetel	29	160.00	217.00
152	150/2 Teacher Hosetel	29	160.00	217.00
153	150/3 Teacher Hosetel	29	160.00	217.00
154	150/4 Teacher Hosetel	29	160.00	217.00
155	150/5 Teacher Hosetel	29	160.00	217.00
156	150/6 Teacher Hosetel	29	160.00	217.00
157	150/7 Teacher Hosetel	29	160.00	217.00
158	150/8 Teacher Hosetel	29	160.00	217.00
159	150/9 Teacher Hosetel	47.50	160.00	217.00
160	150/10 Teacher Hosetel	48.50	200.00	217.00
161	150/11 Teacher Hosetel	48.50	200.00	217.00
162	150/12 Teacher Hosetel	48.50	200.00	217.00
163	150/13 Teacher Hosetel	48.50	200.00	217.00
164	150/14 Teacher Hosetel	48.50	200.00	217.00
165	150/15 Teacher Hosetel	48.50	200.00	217.00
166	150/16 Teacher Hosetel	48.50	200.00	217.00
167	150/17 Teacher Hosetel	48.50	200.00	217.00



168	150/18 Teacher Hosetel	48.50	200.00	217.00
169	150/19 Teacher Hosetel	48.50	200.00	217.00
170	150/20 Teacher Hosetel	48.50	200.00	217.00
171	150/21 Teacher Hosetel	48.50	200.00	217.00
172	150/22 Teacher Hosetel	48.50	200.00	217.00
173	150/23 Teacher Hosetel	48.50	200.00	217.00
174	150/24 Teacher Hosetel	48.50	200.00	217.00
175	150/25 Teacher Hosetel	48.50	200.00	217.00
176	150/26 Teacher Hosetel	48.50	200.00	217.00
177	150/27 Teacher Hosetel	48.50	200.00	217.00
178	150/28 Teacher Hosetel	48.50	200.00	217.00
179	150/29 Teacher Hosetel	48.50	200.00	217.00
180	150/30 Teacher Hosetel	48.50	200.00	217.00
181	150/31 Teacher Hosetel	48.50	200.00	217.00
182	150/32 Teacher Hosetel	48.50	200.00	217.00
183	151/1 Teacher Hosetel	29	160.00	217.00
184	151/2 Teacher Hosetel	29	160.00	217.00
185	151/3 Teacher Hosetel	29	160.00	217.00
186	151/4 Teacher Hosetel	29	160.00	217.00
187	151/5 Teacher Hosetel	29	160.00	217.00
188	151/6 Teacher Hosetel	29	160.00	217.00
189	151/7 Teacher Hosetel	29	160.00	217.00
190	151/8 Teacher Hosetel	29	160.00	217.00
191	151/9 Teacher Hosetel	29	160.00	217.00
192	151/10 Teacher Hosetel	29	160.00	217.00
193	151/11 Teacher Hosetel	29	160.00	217.00
194	151/12 Teacher Hosetel	29	160.00	217.00
195	151/13 Teacher Hosetel	29	160.00	217.00
196	151/14 Teacher Hosetel	29	160.00	217.00
197	152/1 Teacher Hosetel	29	160.00	217.00
198	152/2 Teacher Hosetel	29	160.00	217.00
199	152/3 Teacher Hosetel	29	160.00	217.00
200	152/4 Teacher Hosetel	29	160.00	217.00
201	152/5 Teacher Hosetel	29	160.00	217.00
202	152/6 Teacher Hosetel	29	160.00	217.00
203	152/7 Teacher Hosetel	29	160.00	217.00
204	152/8 Teacher Hosetel	29	160.00	217.00
205	163/1 Vikas Nagar	58	240.00	240.00
206	163/2 Vikas Nagar	58	240.00	240.00
207	163/3 Vikas Nagar	56	240.00	240.00
208	163/4 Vikas Nagar	56	240.00	240.00
209	163/5 Vikas Nagar	56	240.00	240.00
210	163/6 Vikas Nagar	56	240.00	240.00
211	164/1 Vikas Nagar	58	240.00	240.00
212	164/2 Vikas Nagar	58	240.00	240.00
213	164/3 Vikas Nagar	56	240.00	240.00
214	164/4 Vikas Nagar	56	240.00	240.00



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215	165/1 Vikas Nagar	58	240.00	240.00
216	165/2 Vikas Nagar	58	240.00	240.00
217	165/3 Vikas Nagar	56	240.00	240.00
218	165/4 Vikas Nagar	56	240.00	240.00
219	166/1 Vikas Nagar	58	240.00	240.00
220	166/2 Vikas Nagar	58	240.00	240.00
221	166/3 Vikas Nagar	56	240.00	240.00
222	166/4 Vikas Nagar	56	240.00	240.00
223	201/5 Saraswati Kunj	68.50	240.00	293.00
224	201/6 Saraswati Kunj	68.50	240.00	293.00
225	202/5 Saraswati Kunj	68.50	240.00	293.00
226	202/6 Saraswati Kunj	68.50	240.00	293.00
227	203/5 Saraswati Kunj	68.50	240.00	293.00
228	203/6 Saraswati Kunj	68.50	240.00	293.00
229	204/5 Saraswati Kunj	68.50	240.00	293.00
230	204/6 Saraswati Kunj	68.50	240.00	293.00
231	205/5 Saraswati Kunj	68.50	240.00	293.00
232	205/6 Saraswati Kunj	68.50	240.00	293.00
233	206/5 Saraswati Kunj	68.50	240.00	293.00
234	206/6 Saraswati Kunj	68.50	240.00	293.00
235	207/5 Saraswati Kunj	68.50	240.00	293.00
236	207/6 Saraswati Kunj	68.50	240.00	293.00
237	208/5 Saraswati Kunj	68.50	240.00	293.00
238	208/6 Saraswati Kunj	68.50	240.00	293.00
239	209/1 Saraswati Kunj	59.50	240.00	293.00
240	209/2 Saraswati Kunj	59.50	240.00	293.00
241	209/3 Saraswati Kunj	60.00	240.00	293.00
242	209/4 Saraswati Kunj	60.00	240.00	293.00
243	209/5 Saraswati Kunj	60.00	240.00	293.00
244	209/6 Saraswati Kunj	60.00	240.00	293.00
245	210/1 Saraswati Kunj	59.50	240.00	293.00
246	210/2 Saraswati Kunj	59.50	240.00	293.00
247	210/3 Saraswati Kunj	60.00	240.00	293.00
248	210/4 Saraswati Kunj	60.00	240.00	293.00
249	210/5 Saraswati Kunj	60.00	240.00	293.00
250	210/6 Saraswati Kunj	60.00	240.00	293.00
251	211/1 Saraswati Kunj	59.50	240.00	293.00
252	211/2 Saraswati Kunj	59.50	240.00	293.00
253	211/3 Saraswati Kunj	60.00	240.00	293.00
254	211/4 Saraswati Kunj	60.00	240.00	293.00
255	211/5 Saraswati Kunj	60.00	240.00	293.00
256	211/6 Saraswati Kunj	60.00	240.00	293.00
257	212/1 Saraswati Kunj	59.50	240.00	293.00
258	212/2 Saraswati Kunj	59.50	240.00	293.00
259	212/3 Saraswati Kunj	60.00	240.00	293.00
260	212/4 Saraswati Kunj	60.00	240.00	293.00
261	212/5 Saraswati Kunj	60.00	240.00	293.00

262	212/6 Saraswati Kunj	60.00	240.00	293.00
263	213/1 Saraswati Kunj	59.50	240.00	293.00
264	213/2 Saraswati Kunj	59.50	240.00	293.00
265	213/3 Saraswati Kunj	60.00	240.00	293.00
266	213/4 Saraswati Kunj	60.00	240.00	293.00
267	213/5 Saraswati Kunj	60.00	240.00	293.00
268	213/6 Saraswati Kunj	60.00	240.00	293.00
269	214/1 Saraswati Kunj	59.50	240.00	293.00
270	214/2 Saraswati Kunj	59.50	240.00	293.00
271	214/3 Saraswati Kunj	60.00	240.00	293.00
272	214/4 Saraswati Kunj	60.00	240.00	293.00
273	214/5 Saraswati Kunj	60.00	240.00	293.00
274	214/6 Saraswati Kunj	60.00	240.00	293.00
275	215/1 Saraswati Kunj	59.50	240.00	293.00
276	215/2 Saraswati Kunj	59.50	240.00	293.00
277	215/3 Saraswati Kunj	60.00	240.00	293.00
278	215/4 Saraswati Kunj	60.00	240.00	293.00
279	215/5 Saraswati Kunj	60.00	240.00	293.00
280	215/6 Saraswati Kunj	60.00	240.00	293.00
281	216/1 U.G.Complex	78.75	370.00	370.00
282	216/2 U.G.Complex	78.75	370.00	370.00
283	216/3 U.G.Complex	78.75	320.00	367.00
284	216/4 U.G.Complex	78.75	320.00	367.00
285	217/1 U.G.Complex	78.75	370.00	370.00
286	217/2 U.G.Complex	78.75	370.00	370.00
287	217/3 U.G.Complex	78.75	320.00	367.00
288	217/4 U.G.Complex	78.75	320.00	367.00
289	65/1 Ravindra Lok	26.00	140.00	140.00*
290	65/2 Ravindra Lok	24.50	120.00	120.00*
291	65/3 Ravindra Lok	24.50	120.00	120.00*
292	65/4 Ravindra Lok	24.50	120.00	120.00*
293	65/5 Ravindra Lok	24.50	120.00	120.00*
294	65/6 Ravindra Lok	26.00	120.00	120.00*
295	66/1 Ravindra Lok	41.50	120.00	143.00*
296	66/2 Ravindra Lok	24.50	120.00	120.00*
297	66/3 Ravindra Lok	24.50	120.00	120.00*
298	66/4 Ravindra Lok	24.50	120.00	120.00*
299	66/5 Ravindra Lok	24.50	120.00	120.00*
300	66/6 Ravindra Lok	41.50	120.00	120.00*
301	67/1 Ravindra Lok	34.00	140.00	140.00*
302	67/2 Ravindra Lok	24.50	120.00	120.00*
303	67/3 Ravindra Lok	24.50	120.00	120.00*
304	67/4 Ravindra Lok	24.50	120.00	120.00*
305	67/5 Ravindra Lok	24.50	120.00	120.00*
306	67/6 Ravindra Lok	34.00	140.00	140.00*
307	76/3 Govind Puri	68.50	360.00	360.00
308	76/4 Govind Puri	68.50	360.00	360.00



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309	76/5 Govind Puri	68.50	360.00	360.00
310	76/6 Govind Puri	68.50	360.00	360.00
311	G-61 E.P.Hostel	24.50	160.00	160.00
312	G-62 E.P.Hostel	24.50	160.00	160.00
313	G-63 E.P.Hostel	24.50	160.00	160.00
314	G-64 E.P.Hostel	24.50	160.00	160.00
315	F-61 E.P.Hostel	24.50	160.00	160.00
316	F-62 E.P.Hostel	24.50	160.00	160.00
317	F-63 E.P.Hostel	24.50	160.00	160.00
318	F-64 E.P.Hostel	24.50	160.00	160.00
319	S-61 E.P.Hostel	24.50	160.00	160.00
320	S-62 E.P.Hostel	24.50	160.00	160.00
321	S-63 E.P.Hostel	24.50	160.00	160.00
322	S-64 E.P.Hostel	24.50	160.00	160.00
323	71/1 D.S.Barrack	36.00	140.00	143.00
324	71/2 D.S.Barrack	36.00	140.00	143.00
325	71/3 D.S.Barrack	22.00	120.00	143.00
326	71/4 D.S.Barrack	22.00	120.00	143.00
327	71/5 D.S.Barrack	22.00	120.00	143.00
328	71/6 D.S.Barrack	22.00	120.00	143.00
329	71/7 D.S.Barrack	22.00	120.00	143.00
330	71/8 D.S.Barrack	22.00	120.00	143.00
331	71/9 D.S.Barrack	22.00	120.00	143.00
332	71/10 D.S.Barrack	22.00	120.00	143.00
333	71/11 D.S.Barrack	36.00	140.00	143.00
334	71/12 D.S.Barrack	36.00	140.00	143.00
335	71/13 D.S.Barrack	36.00	140.00	143.00
336	71/14 D.S.Barrack	36.00	140.00	143.00
337	71/15 D.S.Barrack	22.00	120.00	143.00
338	71/16 D.S.Barrack	22.00	120.00	143.00
339	71/17 D.S.Barrack	22.00	120.00	143.00
340	71/18 D.S.Barrack	22.00	120.00	143.00
341	71/19 D.S.Barrack	22.00	120.00	143.00
342	71/20 D.S.Barrack	22.00	120.00	143.00
343	71/21 D.S.Barrack	22.00	120.00	143.00
344	71/22 D.S.Barrack	22.00	120.00	143.00
345	71/23 D.S.Barrack	58.00	140.00	265.00
346	71/24 D.S.Barrack	36.00	140.00	143.00
347	72/1 D.S.Barrack	58.00	160.00	265.00
348	72/2 D.S.Barrack	50.50	160.00	217.00
349	72/3 D.S.Barrack	50.50	160.00	217.00

* License Fee fixed at 75% of the amount calculated as per the G.O.No. 18011/4/203-POL-III dated 22.6.2004 & MHRD circular No. 13-1/2004-S&S(PT) dated 28.6.2004.


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B-1 CATEGORY (PAY RANGE Rs.4500 and above in 1996 scales)

Sl. No.	Residence No. & Location	Living Area in Sq. M.	Existing flat rate of License fee	Revised flat rate of License fee
1	176/1, Sheel Kunj	41.00	150 .00	183.00
2	176/2, Sheel Kunj	41.00	150 .00	183.00
3	176/3, Sheel Kunj	41.00	150 .00	183.00
4	176/4, Sheel Kunj	41.00	150 .00	183.00
5	176/5, Sheel Kunj	41.00	150 .00	183.00
6	176/6, Sheel Kunj	41.00	150 .00	183.00
7	176/7, Sheel Kunj	41.00	150 .00	183.00
8	176/8, Sheel Kunj	41.00	150 .00	183.00
9	176/9, Sheel Kunj	41.00	150 .00	183.00
10	176/10, Sheel Kunj	41.00	150 .00	183.00
11	176/11, Sheel Kunj	27.00	120 .00	143.00
12	176/12, Sheel Kunj	27.00	120 .00	143.00
13	176/13, Sheel Kunj	27.00	120 .00	143.00
14	176/14, Sheel Kunj	27.00	120 .00	143.00
15	176/15, Sheel Kunj	27.00	120 .00	143.00
16	176/16, Sheel Kunj	27.00	120 .00	143.00
17	176/17, Sheel Kunj	27.00	120 .00	143.00
18	176/18, Sheel Kunj	27.00	120 .00	143.00
19	176/19, Sheel Kunj	27.00	120 .00	143.00
20	176/20, Sheel Kunj	27.00	120 .00	143.00
21	177/1, Sheel Kunj	41.00	150 .00	183.00
22	177/2, Sheel Kunj	41.00	150 .00	183.00
23	177/3, Sheel Kunj	41.00	150 .00	183.00
24	177/4, Sheel Kunj	41.00	150 .00	183.00
25	177/5, Sheel Kunj	41.00	150 .00	183.00
26	177/6, Sheel Kunj	41.00	150 .00	183.00
27	177/7, Sheel Kunj	27.00	100 .00	143.00
28	177/8, Sheel Kunj	27.00	100 .00	143.00
29	177/9, Sheel Kunj	27.00	100 .00	143.00
30	177/10, Sheel Kunj	27.00	100 .00	143.00
31	177/11, Sheel Kunj	27.00	100 .00	143.00
32	177/12, Sheel Kunj	27.00	100 .00	143.00
33	178/1, Sheel Kunj	41.00	150 .00	183.00
34	178/2, Sheel Kunj	41.00	150 .00	183.00
35	178/3, Sheel Kunj	41.00	150 .00	183.00
36	178/4, Sheel Kunj	41.00	150 .00	183.00
37	178/5, Sheel Kunj	27.00	100 .00	143.00
38	178/6, Sheel Kunj	27.00	100 .00	143.00
39	178/7, Sheel Kunj	27.00	100 .00	143.00
40	178/8, Sheel Kunj	27.00	100 .00	143.00
41	179/1, Sheel Kunj	41.00	150 .00	183.00


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42	179/2, Sheel Kunj	41.00	150 .00	183.00
43	179/3, Sheel Kunj	41.00	150 .00	183.00
44	179/4, Sheel Kunj	41.00	150 .00	183.00
45	179/5, Sheel Kunj	41.00	150 .00	183.00
46	179/6, Sheel Kunj	41.00	150 .00	183.00
47	179/7, Sheel Kunj	27.00	100.00	143.00
48	179/8, Sheel Kunj	27.00	100.00	143.00
49	179/9, Sheel Kunj	27.00	100.00	143.00
50	179/10, Sheel Kunj	27.00	100.00	143.00
51	179/11, Sheel Kunj	27.00	100.00	143.00
52	179/12, Sheel Kunj	27.00	100.00	143.00
53	181/1, Sheel Kunj	49.00	100.00	183.00
54	181/2, Sheel Kunj	49.00	100.00	183.00
55	181/3, Sheel Kunj	49.00	100.00	183.00
56	182/1, Sheel Kunj	49.00	100.00	183.00
57	182/2, Sheel Kunj	49.00	100.00	183.00
58	79/8, Govindpuri	57.00	90 .00	265.00
59	79/9, Govindpuri	57.00	90 .00	265.00
60	153/1, Solani Kunj	37.00	150.00	150.00
61	153/2, Solani Kunj	37.00	150.00	150.00
62	153/3, Solani Kunj	37.00	150.00	150.00
63	153/4, Solani Kunj	37.00	150.00	150.00
64	153/5, Solani Kunj	26.00	100.00	143.00
65	153/6, Solani Kunj	26.00	100.00	143.00
66	153/7, Solani Kunj	26.00	100.00	143.00
67	153/8, Solani Kunj	26.00	100.00	143.00
68	154/1, Vikas Nagar	81.00	160 .00	275.00*
69	154/2, Vikas Nagar	81.00	160 .00	275.00*
70	155/1, Vikas Nagar	81.00	160 .00	275.00*
71	155/2, Vikas Nagar	81.00	160 .00	275.00*
72	156/1, Vikas Nagar	81.00	160 .00	275.00*
73	156/2, Vikas Nagar	81.00	160 .00	275.00*
74	157/1, Vikas Nagar	81.00	160 .00	275.00*
75	157/2, Vikas Nagar	81.00	160 .00	275.00*
76	158/1, Vikas Nagar	81.00	160 .00	275.00*
77	158/2, Vikas Nagar	81.00	160 .00	275.00*
78	190/1, Solani Kunj	37.00	150 .00	150.00
79	190/2, Solani Kunj	37.00	150 .00	150.00
80	190/3, Solani Kunj	37.00	150 .00	150.00
81	190/4, Solani Kunj	37.00	150 .00	150.00
82	190/5, Solani Kunj	26.00	100 .00	143.00
83	190/6, Solani Kunj	26.00	100 .00	143.00
84	190/7, Solani Kunj	26.00	100 .00	143.00
85	190/8, Solani Kunj	26.00	100 .00	143.00
86	191/1, Solani Kunj	37.00	150 .00	150.00
87	191/2, Solani Kunj	37.00	150 .00	150.00
88	191/3, Solani Kunj	37.00	150 .00	150.00


89	191/4, Solani Kunj	37.00	150 .00	150.00
90	191/5, Solani Kunj	26.00	100 .00	143.00
91	191/6, Solani Kunj	26.00	100 .00	143.00
92	191/7, Solani Kunj	26.00	100 .00	143.00
93	191/8, Solani Kunj	26.00	100 .00	143.00
94	192/1, Solani Kunj	37.00	150 .00	150.00
95	192/2, Solani Kunj	37.00	150 .00	150.00
96	192/3, Solani Kunj	37.00	150 .00	150.00
97	192/4, Solani Kunj	37.00	150 .00	150.00
98	192/5, Solani Kunj	26.00	100 .00	143.00
99	192/6, Solani Kunj	26.00	100 .00	143.00
100	192/7, Solani Kunj	26.00	100 .00	143.00
101	192/8, Solani Kunj	26.00	100 .00	143.00
102	193/1, Solani Kunj	37.00	150 .00	150.00
103	193/2, Solani Kunj	37.00	150 .00	150.00
104	193/3, Solani Kunj	37.00	150 .00	150.00
105	193/4, Solani Kunj	37.00	150 .00	150.00
106	193/5, Solani Kunj	26.00	100 .00	143.00
107	193/6, Solani Kunj	26.00	100 .00	143.00
108	193/7, Solani Kunj	26.00	100 .00	143.00
109	193/8, Solani Kunj	26.00	100 .00	143.00
110	194/1, Solani Kunj	37.00	150 .00	150.00
111	194/2, Solani Kunj	37.00	150 .00	150.00
112	194/3, Solani Kunj	37.00	150 .00	150.00
113	194/4, Solani Kunj	37.00	150 .00	150.00
114	194/5, Solani Kunj	26.00	100 .00	143.00
115	194/6, Solani Kunj	26.00	100 .00	143.00
116	194/7, Solani Kunj	26.00	100 .00	143.00
117	194/8, Solani Kunj	26.00	100 .00	143.00
118	195/1, Solani Kunj	37.00	150 .00	150.00
119	195/2, Solani Kunj	37.00	150 .00	150.00
120	195/3, Solani Kunj	37.00	150 .00	150.00
121	195/4, Solani Kunj	37.00	150 .00	150.00
122	195/5, Solani Kunj	26.00	100 .00	143.00
123	195/6, Solani Kunj	26.00	100 .00	143.00
124	195/7, Solani Kunj	26.00	100 .00	143.00
125	195/8, Solani Kunj	26.00	100 .00	143.00
126	196/1, Solani Kunj	37.00	150 .00	150.00
127	196/2, Solani Kunj	37.00	150 .00	150.00
128	196/3, Solani Kunj	37.00	150 .00	150.00
129	196/4, Solani Kunj	37.00	150 .00	150.00
130	196/5, Solani Kunj	26.00	100 .00	143.00
131	196/6, Solani Kunj	26.00	100 .00	143.00
132	196/7, Solani Kunj	26.00	100 .00	143.00
133	196/8, Solani Kunj	26.00	100 .00	143.00
134	197/1, Solani Kunj	37.00	150 .00	150.00
135	197/2, Solani Kunj	37.00	150 .00	150.00

136	197/3, Solani Kunj	37.00	150 .00	150.00
137	197/4, Solani Kunj	37.00	150 .00	150.00
138	197/5, Solani Kunj	26.00	100 .00	143.00
139	197/6, Solani Kunj	26.00	100 .00	143.00
140	197/7, Solani Kunj	26.00	100 .00	143.00
141	197/8, Solani Kunj	26.00	100 .00	143.00
142	198/1, Solani Kunj	37.00	150 .00	150.00
143	198/2, Solani Kunj	37.00	150 .00	150.00
144	198/3, Solani Kunj	37.00	150 .00	150.00
145	198/4, Solani Kunj	37.00	150 .00	150.00
146	198/5, Solani Kunj	26.00	100 .00	143.00
147	198/6, Solani Kunj	26.00	100 .00	143.00
148	198/7, Solani Kunj	26.00	100 .00	143.00
149	198/8, Solani Kunj	26.00	100 .00	143.00
150	199/1, Solani Kunj	37.00	150 .00	150.00
151	199/2, Solani Kunj	37.00	150 .00	150.00
152	199/3, Solani Kunj	37.00	150 .00	150.00
153	199/4, Solani Kunj	37.00	150 .00	150.00
154	199/5, Solani Kunj	26.00	100 .00	143.00
155	199/6, Solani Kunj	26.00	100 .00	143.00
156	199/7, Solani Kunj	26.00	100 .00	143.00
157	199/8, Solani Kunj	26.00	100 .00	143.00
158	200/1, Solani Kunj	37.00	150 .00	150.00
159	200/2, Solani Kunj	37.00	150 .00	150.00
160	200/3, Solani Kunj	37.00	150 .00	150.00
161	200/4, Solani Kunj	37.00	150 .00	150.00
162	200/5, Solani Kunj	26.00	100 .00	143.00
163	200/6, Solani Kunj	26.00	100 .00	143.00
164	200/7, Solani Kunj	26.00	100 .00	143.00
165	200/8, Solani Kunj	26.00	100 .00	143.00

* License Fee fixed at 75% of the amount calculated as per the G.O.No. 18011/4/203-POL-III dated 22.6.2004 & MHRD circular No. 13-1/2004-S&S(PT) dated 28.6.2004.

B-2 CATEGORY (PAY RANGE Rs. 2750 to 4500 in 1996 scales)

Sl. No.	Residence No. & Location	Living Area in Sq. M.	Existing flat rate of License fee	Revised flat rate of License
1	1/1, Depot Battalion	29.50	30 .00	72.00**
2	1/2, Depot Battalion	29.50	30 .00	72.00**
3	1/3, Depot Battalion	29.50	30 .00	72.00**
4	1/4, Depot Battalion	29.50	30 .00	72.00**
5	1/5, Depot Battalion	29.50	30 .00	72.00**
6	1/6, Depot Battalion	29.50	30 .00	72.00**
7	1/7, Depot Battalion	29.50	30 .00	72.00**
8	2/1, Depot Battalion	29.50	30 .00	72.00**
9	2/2, Depot Battalion	29.50	30 .00	72.00**
10	2/3, Depot Battalion	29.50	30 .00	72.00**
11	2/4, Depot Battalion	29.50	30 .00	72.00**


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12	2/5, Depot Battalion	29.50	30 .00	72.00**
13	2/6, Depot Battalion	29.50	30 .00	72.00**
14	2/7, Depot Battalion	29.50	30 .00	72.00**
15	2/8, Depot Battalion	29.50	30 .00	72.00**
16	9/1, Depot Battalion	55.50	100 .00	109.00**
17	9/2, Depot Battalion	55.50	100 .00	109.00**
18	9/3, Depot Battalion	55.50	100 .00	109.00**
19	9/4, Depot Battalion	55.50	100 .00	109.00**
20	10/1, Depot Battalion	55.50	100 .00	109.00**
21	10/2, Depot Battalion	55.50	100 .00	109.00**
22	10/3, Depot Battalion	55.50	100 .00	109.00**
23	10/4, Depot Battalion	55.50	100 .00	109.00**
24	11/1, Depot Battalion	55.50	40 .00	109.00**
25	11/2, Depot Battalion	55.50	40 .00	109.00**
26	11/3, Depot Battalion	55.50	100 .00	109.00**
27	11/4, Depot Battalion	55.50	100 .00	109.00**
28	11/5, Depot Battalion	55.50	100 .00	109.00**
29	75/1, Govindpuri	24.00	80 .00	143.00
30	75/2, Govindpuri	24.00	80 .00	143.00
31	75/3, Govindpuri	24.00	80 .00	143.00
32	75/4, Govindpuri	24.00	80 .00	143.00
33	75/5, Govindpuri	24.00	80 .00	143.00
34	75/6, Govindpuri	24.00	80 .00	143.00
35	75/7, Govindpuri	24.00	80 .00	143.00
36	75/8, Govindpuri	24.00	80 .00	143.00
37	75/9, Govindpuri	24.00	80 .00	143.00
38	75/10, Govindpuri	24.00	80 .00	143.00
39	75/11, Govindpuri	24.00	80 .00	143.00
40	75/12, Govindpuri	24.00	80 .00	143.00
41	75/13, Govindpuri	24.00	80 .00	143.00
42	75/14, Govindpuri	24.00	80 .00	143.00
43	78/1-2, Govindpuri	57.00	70 .00	133.00
44	78/3, Govindpuri	28.50	40 .00	72.00
45	78/4-5, Govindpuri	57.00	70 .00	133.00
46	78/6-7, Govindpuri	57.00	70 .00	133.00
47	78/8-9, Govindpuri	57.00	70 .00	133.00
48	78/10, Govindpuri	28.50	40 .00	72.00
49	78/11-12, Govindpuri	57.00	70 .00	133.00**
50	78/13, Govindpuri	28.50	40 .00	72.00
51	78/14-15, Govindpuri	57.00	70 .00	133.00
52	79/1-2, Govindpuri	57.00	70 .00	133.00
53	79/3-4, Govindpuri	57.00	70 .00	133.00
54	79/5-6, Govindpuri	57.00	70 .00	133.00
55	153/9 Solani Kunj	26.00	100 .00	143.00
56	153/10 Solani Kunj	26.00	100 .00	143.00
57	153/11 Solani Kunj	26.00	100 .00	143.00
58	153/12 Solani Kunj	26.00	100 .00	143.00



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59	153/1 Solani Kunj	26.00	100 .00	143.00
60	153/14 Solani Kunj	26.00	100 .00	143.00
61	153/15 Solani Kunj	26.00	100 .00	143.00
62	153/16 Solani Kunj	26.00	100 .00	143.00
63	180/1, Sheel Kunj	24.50	80 .00	143.00
64	180/2, Sheel Kunj	24.50	80 .00	143.00
65	180/3, Sheel Kunj	24.50	80 .00	143.00
66	180/4, Sheel Kunj	24.50	80 .00	143.00
67	180/5, Sheel Kunj	24.50	80 .00	143.00
68	180/6, Sheel Kunj	24.50	80 .00	143.00
69	180/7, Sheel Kunj	24.50	80 .00	143.00
70	180/8, Sheel Kunj	24.50	80 .00	143.00
71	180/9, Sheel Kunj	24.50	80 .00	143.00
72	180/10, Sheel Kunj	24.50	80 .00	143.00
73	180/11, Sheel Kunj	24.50	80 .00	143.00
74	180/12, Sheel Kunj	24.50	80 .00	143.00
75	180/13, Sheel Kunj	24.50	80 .00	143.00
76	180/14, Sheel Kunj	24.50	80 .00	143.00
77	180/15, Sheel Kunj	24.50	80 .00	143.00
78	180/16, Sheel Kunj	24.50	80 .00	143.00
79	180/17, Sheel Kunj	24.50	80 .00	143.00
80	180/18, Sheel Kunj	24.50	80 .00	143.00
81	180/19, Sheel Kunj	24.50	80 .00	143.00
82	180/20, Sheel Kunj	24.50	80 .00	143.00
83	180/21, Sheel Kunj	24.50	80 .00	143.00
84	180/22, Sheel Kunj	24.50	80 .00	143.00
85	180/23, Sheel Kunj	24.50	80 .00	143.00
86	180/24, Sheel Kunj	24.50	80 .00	143.00
87	180/25, Sheel Kunj	24.50	80 .00	143.00
88	180/26, Sheel Kunj	24.50	80 .00	143.00
89	180/27, Sheel Kunj	24.50	80 .00	143.00
90	180/28, Sheel Kunj	24.50	80 .00	143.00
91	180/29, Sheel Kunj	24.50	80 .00	143.00
92	180/30, Sheel Kunj	24.50	80 .00	143.00
93	183/1, Sheel Kunj	29.50	100.00	143.00
94	183/2, Sheel Kunj	29.50	100 .00	143.00
95	183/3, Sheel Kunj	29.50	100 .00	143.00
96	183/4, Sheel Kunj	29.50	100.00	143.00
97	183/5, Sheel Kunj	29.50	100 .00	143.00
98	183/6, Sheel Kunj	29.50	100 .00	143.00
99	183/7, Sheel Kunj	29.50	100 .00	143.00
100	183/8, Sheel Kunj	29.50	100 .00	143.00
101	183/9, Sheel Kunj	21.00	60 .00	143.00
102	183/10, Sheel Kunj	21.00	60 .00	143.00
103	183/11, Sheel Kunj	21.00	60 .00	143.00
104	183/12, Sheel Kunj	21.00	60 .00	143.00
105	183/13, Sheel Kunj	21.00	60 .00	143.00

106	183/14, Sheel Kunj	21.00	60 .00	143.00
107	183/15, Sheel Kunj	21.00	60 .00	143.00
108	183/16, Sheel Kunj	21.00	60 .00	143.00
109	184/1, Sheel Kunj	29.50	100 .00	143.00
110	184/2, Sheel Kunj	29.50	100 .00	143.00
111	184/3, Sheel Kunj	29.50	100 .00	143.00
112	184/4, Sheel Kunj	29.50	100 .00	143.00
113	184/5, Sheel Kunj	21.00	60 .00	143.00
114	184/6, Sheel Kunj	21.00	60 .00	143.00
115	184/7, Sheel Kunj	21.00	60 .00	143.00
116	184/8, Sheel Kunj	21.00	60 .00	143.00
117	185/1, Sheel Kunj	29.50	100 .00	143.00
118	185/2, Sheel Kunj	29.50	100 .00	143.00
119	185/3, Sheel Kunj	29.50	100 .00	143.00
120	185/4, Sheel Kunj	29.50	100 .00	143.00
121	185/5, Sheel Kunj	29.50	100 .00	143.00
122	185/6, Sheel Kunj	29.50	100 .00	143.00
123	185/7, Sheel Kunj	29.50	100 .00	143.00
124	185/8, Sheel Kunj	29.50	100 .00	143.00
125	185/9, Sheel Kunj	21.00	60 .00	143.00
126	185/10, Sheel Kunj	21.00	60 .00	143.00
127	185/11, Sheel Kunj	21.00	60 .00	143.00
128	185/12, Sheel Kunj	21.00	60 .00	143.00
129	185/13, Sheel Kunj	21.00	60 .00	143.00
130	185/14, Sheel Kunj	21.00	60 .00	143.00
131	185/15, Sheel Kunj	21.00	60 .00	143.00
132	185/16, Sheel Kunj	21.00	60 .00	143.00
133	186/1, Sheel Kunj	33.00	100 .00	143.00
134	186/2, Sheel Kunj	33.00	100 .00	143.00
135	186/3, Sheel Kunj	33.00	100 .00	143.00
136	186/4, Sheel Kunj	33.00	100 .00	143.00
137	186/5, Sheel Kunj	19.50	60 .00	143.00
138	186/6, Sheel Kunj	19.50	60 .00	143.00
139	186/7, Sheel Kunj	19.50	60 .00	143.00
140	186/8, Sheel Kunj	19.50	60 .00	143.00
141	187/1, Sheel Kunj	33.00	100 .00	143.00
142	187/2, Sheel Kunj	33.00	100 .00	143.00
143	187/3, Sheel Kunj	33.00	100 .00	143.00
144	187/4, Sheel Kunj	33.00	100 .00	143.00
145	187/5, Sheel Kunj	19.50	60 .00	143.00
146	187/6, Sheel Kunj	19.50	60 .00	143.00
147	187/7, Sheel Kunj	19.50	60 .00	143.00
148	187/8, Sheel Kunj	19.50	60 .00	143.00
149	188/1, Sheel Kunj	33.00	100 .00	143.00
150	188/2, Sheel Kunj	33.00	100 .00	143.00
151	188/3, Sheel Kunj	33.00	100 .00	143.00
152	188/4, Sheel Kunj	33.00	100 .00	143.00



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153	188/5, Sheel Kunj	33.00	100 .00	143.00
154	188/6, Sheel Kunj	33.00	100 .00	143.00
155	188/7, Sheel Kunj	19.50	60 .00	143.00
156	188/8, Sheel Kunj	19.50	60 .00	143.00
157	188/9, Sheel Kunj	19.50	60 .00	143.00
158	188/10, Sheel Kunj	19.50	60 .00	143.00
159	188/11, Sheel Kunj	19.50	60 .00	143.00
160	188/12, Sheel Kunj	19.50	60 .00	143.00
161	189/1, Sheel Kunj	33.00	100 .00	143.00
162	189/2, Sheel Kunj	33.00	100 .00	143.00
163	189/3, Sheel Kunj	33.00	100 .00	143.00
164	189/4, Sheel Kunj	33.00	100 .00	143.00
165	189/5, Sheel Kunj	33.00	100 .00	143.00
166	189/6, Sheel Kunj	33.00	100 .00	143.00
167	189/7, Sheel Kunj	19.50	60 .00	143.00
168	189/8, Sheel Kunj	19.50	60 .00	143.00
169	189/9, Sheel Kunj	19.50	60 .00	143.00
170	189/10, Sheel Kunj	19.50	60 .00	143.00
171	189/11, Sheel Kunj	19.50	60 .00	143.00
172	189/12, Sheel Kunj	19.50	60 .00	143.00
173	190/9, Solani Kunj	26.00	100 .00	143.00
174	190/10, Solani Kunj	26.00	100 .00	143.00
175	190/11, Solani Kunj	26.00	100 .00	143.00
176	190/12, Solani Kunj	26.00	100 .00	143.00
177	191/9, Solani Kunj	26.00	100 .00	143.00
178	191/10, Solani Kunj	26.00	100 .00-	143.00
179	191/11, Solani Kunj	26.00	100 .00	143.00
180	191/12, Solani Kunj	26.00	100 .00	143.00
181	192/9, Solani Kunj	26.00	100 .00	143.00
182	192/10, Solani Kunj	26.00	100 .00	143.00
183	192/11, Solani Kunj	26.00	100 .00	143.00
184	192/12, Solani Kunj	26.00	100 .00	143.00
185	193/9, Solani Kunj	26.00	100 .00	143.00
186	193/10, Solani Kunj	26.00	100 .00	143.00
187	193/11, Solani Kunj	26.00	100 .00	143.00
188	193/12, Solani Kunj	26.00	100 .00	143.00
189	194/9, Solani Kunj	26.00	100 .00	143.00
190	194/10, Solani Kunj	26.00	100 .00	143.00
191	194/11, Solani Kunj	26.00	100 .00	143.00
192	194/12, Solani Kunj	26.00	100 .00	143.00
193	195/9, Solani Kunj	26.00	100 .00	143.00
194	195/10, Solani Kunj	26.00	100 .00	143.00
195	195/11, Solani Kunj	26.00	100 .00	143.00
196	195/12, Solani Kunj	26.00	100 .00	143.00
197	196/9, Solani Kunj	26.00	100 .00	143.00
198	196/10, Solani Kunj	26.00	100 .00	143.00
199	196/11, Solani Kunj	26.00	100 .00	143.00

200	196/12, Solani Kunj	26.00	100 .00	143.00
201	197/9, Solani Kunj	26.00	100 .00	143.00
202	197/10, Solani Kunj	26.00	100 .00	143.00
203	197/11, Solani Kunj	26.00	100 .00	143.00
204	197/12, Solani Kunj	26.00	100 .00	143.00
205	198/9, Solani Kunj	26.00	100 .00	143.00
206	198/10, Solani Kunj	26.00	100 .00	143.00
207	198/11, Solani Kunj	26.00	100 .00	143.00
208	198/12, Solani Kunj	26.00	100 .00	143.00
209	199/9, Solani Kunj	26.00	100 .00	143.00
210	199/10, Solani Kunj	26.00	100 .00	143.00
211	199/11, Solani Kunj	26.00	100 .00	143.00
212	199/12, Solani Kunj	26.00	100 .00	143.00
213	200/9, Solani Kunj	26.00	100 .00	143.00
214	200/10, Solani Kunj	26.00	100 .00	143.00
215	200/11, Solani Kunj	26.00	100 .00	143.00
216	200/12, Solani Kunj	26.00	100 .00	143.00
217	CH-1, Solani Kunj	18.00	100 .00	143.00
218	CH-2, Solani Kunj	18.00	100 .00	143.00
219	CH-3, Solani Kunj	18.00	100 .00	143.00
220	CH-4, Solani Kunj	18.00	100 .00	143.00
221	97-A, Vigyan Kunj	18.00	38 .00	143.00
222	97-B, Vigyan Kunj	19.50	38 .00	143.00
223	148/3, Vikas Nagar	19.50	38 .00	143.00
224	148/4, Vikas Nagar	19.50	38 .00	143.00
225	101/1-2 Vigyan Kunj	30.00	50.00	143.00
226	101/4-5 Vigyan Kunj	30.00	50.00	143.00

**** License Fee fixed at 50% of the amount calculated as per the G.O.No. 18011/4/203-POL-III dated 22.6.2004 & MHRD circular No. 13-1/2004-S&S(PT) dated 28.6.2004.**

D -CATEGORY

Sl. No.	Residence No. & Location	Living Area in Sq. M.	Existing flat rate of License fee	Revised flat rate of License fee
1	147/1, Vikas Nagar	13.00	10 .00	28.00
2	147/2, Vikas Nagar	13.00	10 .00	28.00
3	147/3, Vikas Nagar	13.00	10 .00	28.00
4	147/4, Vikas Nagar	13.00	10 .00	28.00
5	147/5, Vikas Nagar	13.00	10 .00	28.00
6	147/6, Vikas Nagar	13.00	10 .00	28.00
7	147/7, Vikas Nagar	13.00	10 .00	28.00
8	147/8, Vikas Nagar	13.00	10 .00	28.00
9	147/9, Vikas Nagar	11.50	10 .00	28.00
10	147/10, Vikas Nagar	11.50	10 .00	28.00
11	147/11, Vikas Nagar	11.50	10 .00	28.00
12	147/12, Vikas Nagar	11.50	10 .00	28.00
13	147/13, Vikas Nagar	11.50	10 .00	28.00

14	147/14, Vikas Nagar	11.50	10 .00	28.00
15	147/17, Vikas Nagar	13.00	10 .00	28.00
16	147/18, Vikas Nagar	13.00	10 .00	28.00
17	147/19, Vikas Nagar	13.00	10 .00	28.00
18	147/20, Vikas Nagar	13.00	10 .00	28.00
19	147/21, Vikas Nagar	13.00	10 .00	28.00
20	147/22, Vikas Nagar	13.00	10 .00	28.00
21	147/23, Vikas Nagar	13.00	10 .00	28.00
22	147/24, Vikas Nagar	13.00	10 .00	28.00
23	147/25, Vikas Nagar	13.00	10.00	28.00
24	147/26, Vikas Nagar	13.00	10 .00	28.00
25	147/27, Vikas Nagar	13.00	10 .00	28.00
26	147/28, Vikas Nagar	13.00	10 .00	28.00
27	147/29, Vikas Nagar	13.00	10 .00	28.00
28	147/30, Vikas Nagar	13.00	10 .00	28.00
29	147/31, Vikas Nagar	13.00	10 .00	28.00
30	147/46, Vikas Nagar	13.00	10 .00	28.00
31	147/47, Vikas Nagar	13.00	10 .00	28.00
32	147/48, Vikas Nagar	13.00	10 .00	28.00
33	147/49, Vikas Nagar	13.00	10 .00	28.00
34	147/50, Vikas Nagar	13.00	10 .00	28.00
35	147/51, Vikas Nagar	13.00	10 .00	28.00
36	147/52, Vikas Nagar	13.00	10 .00	28.00
37	147/53, Vikas Nagar	13.00	10 .00	28.00
38	147/54, Vikas Nagar	13.00	10 .00	28.00
39	147/55, Vikas Nagar	13.00	10 .00	28.00
40	147/56, Vikas Nagar	13.00	10 .00	28.00
41	147/57, Vikas Nagar	13.00	10 .00	28.00
42	147/58, Vikas Nagar	13.00	10 .00	28.00
43	147/59, Vikas Nagar	13.00	10 .00	28.00
44	147/60, Vikas Nagar	13.00	10 .00	28.00
45	147/61, Vikas Nagar	13.00	10 .00	28.00
46	147/62, Vikas Nagar	13.00	10 .00	28.00
47	147/63, Vikas Nagar	13.00	10 .00	28.00
48	147/64, Vikas Nagar	13.00	10 .00	28.00
49	147/65, Vikas Nagar	13.00	10 .00	28.00
50	147/66, Vikas Nagar	13.00	10 .00	28.00
51	147/67, Vikas Nagar	13.00	10 .00	28.00
52	147/79, Vikas Nagar	13.00	10 .00	28.00
53	147/80, Vikas Nagar	13.00	10 .00	28.00
54	147/81, Vikas Nagar	13.00	10 .00	28.00
55	147/82, Vikas Nagar	13.00	10 .00	28.00
56	147/83, Vikas Nagar	13.00	10 .00	28.00
57	147/84, Vikas Nagar	13.00	10 .00	28.00
58	147/85, Vikas Nagar	13.00	10 .00	28.00
59	147/86, Vikas Nagar	13.00	10 .00	28.00
60	147/87, Vikas Nagar	13.00	10 .00	28.00

61	147/88, Vikas Nagar	13.00	10 .00	28.00
62	147/89, Vikas Nagar	13.00	10 .00	28.00
63	147/90, Vikas Nagar	13.00	10 .00	28.00
64	147/91, Vikas Nagar	13.00	10 .00	28.00
65	147/92, Vikas Nagar	13.00	10 .00	28.00
66	147/93, Vikas Nagar	13.00	10 .00	28.00
67	147/94, Vikas Nagar	13.00	10 .00	28.00
68	147/95, Vikas Nagar	13.00	10 .00	28.00
69	147/96, Vikas Nagar	13.00	10 .00	28.00
70	147/97, Vikas Nagar	13.00	10 .00	28.00
71	147/98, Vikas Nagar	13.00	10 .00	28.00
72	147/99, Vikas Nagar	13.00	10 .00	28.00
73	147/100, Vikas Nagar	13.00	10 .00	28.00
74	147/101, Vikas Nagar	13.00	10 .00	28.00
75	147/102, Vikas Nagar	13.00	10 .00	28.00
76	147/103, Vikas Nagar	13.00	10 .00	28.00
77	147/104, Vikas Nagar	13.00	10 .00	28.00
78	147/105, Vikas Nagar	13.00	10 .00	28.00
79	147/106, Vikas Nagar	13.00	10 .00	28.00
80	147/107, Vikas Nagar	13.00	10 .00	28.00
81	147/108, Vikas Nagar	13.00	10 .00	28.00
82	147/109, Vikas Nagar	13.00	10 .00	28.00
83	147/110, Vikas Nagar	13.00	10 .00	28.00
84	147/111, Vikas Nagar	13.00	10 .00	28.00
85	147/112, Vikas Nagar	13.00	10 .00	28.00
86	147/113, Vikas Nagar	13.00	10 .00	28.00
87	147/114, Vikas Nagar	13.00	10 .00	28.00
88	147/115, Vikas Nagar	13.00	10 .00	28.00
89	147/116, Vikas Nagar	13.00	10 .00	28.00
90	147/117, Vikas Nagar	13.00	10 .00	28.00
91	147/118, Vikas Nagar	13.00	10 .00	28.00
92	147/119, Vikas Nagar	13.00	10 .00	28.00
93	147/120, Vikas Nagar	13.00	10 .00	28.00
94	147/121, Vikas Nagar	13.00	10 .00	28.00
95	147/122, Vikas Nagar	13.00	10 .00	28.00
96	147/123, Vikas Nagar	13.00	10 .00	28.00
97	147/124, Vikas Nagar	18.00	20 .00	36.00
98	147/125, Vikas Nagar	18.00	20 .00	36.00
99	147/126, Vikas Nagar	18.00	20 .00	36.00
100	147/127, Vikas Nagar	18.00	20 .00	36.00
101	147/128, Vikas Nagar	18.00	20 .00	36.00
102	147/129, Vikas Nagar	18.00	20 .00	36.00
103	147/130, Vikas Nagar	18.00	20 .00	36.00
104	147/131, Vikas Nagar	18.00	20 .00	36.00
105	147/132, Vikas Nagar	18.00	20 .00	36.00
106	147/133, Vikas Nagar	18.00	20 .00	36.00
107	147/134, Vikas Nagar	18.00	20 .00	36.00



108	147/135, Vikas Nagar	18.00	20 .00	36.00
109	147/136, Vikas Nagar	18.00	20 .00	36.00
110	147/137, Vikas Nagar	18.00	20 .00	36.00
111	147/138, Vikas Nagar	18.00	20 .00	36.00
112	147/139, Vikas Nagar	18.00	20 .00	36.00
113	147/140, Vikas Nagar	18.00	20 .00	36.00
114	147/141, Vikas Nagar	18.00	20 .00	36.00
115	147/142, Vikas Nagar	18.00	20 .00	36.00
116	147/143, Vikas Nagar	18.00	20 .00	36.00
117	147/144, Vikas Nagar	18.00	20 .00	36.00
118	147/145, Vikas Nagar	18.00	20 .00	36.00
119	147/146, Vikas Nagar	18.00	20 .00	36.00
120	147/147, Vikas Nagar	18.00	20 .00	36.00
121	147/148, Vikas Nagar	18.00	20 .00	36.00
122	147/149, Vikas Nagar	18.00	20 .00	36.00
123	147/150, Vikas Nagar	18.00	20 .00	36.00
124	147/151, Vikas Nagar	18.00	20 .00	36.00
125	147/152, Vikas Nagar	18.00	20 .00	36.00
126	147/153, Vikas Nagar	18.00	20 .00	36.00
127	147/154, Vikas Nagar	18.00	20 .00	36.00
128	147/155, Vikas Nagar	18.00	20 .00	36.00
129	147/156, Vikas Nagar	18.00	20 .00	36.00
130	147/157, Vikas Nagar	18.00	20 .00	36.00
131	147/158, Vikas Nagar	18.00	20 .00	36.00
132	147/159, Vikas Nagar	18.00	20 .00	36.00
133	147/160, Vikas Nagar	20.00	20 .00	36.00
134	147/161, Vikas Nagar	20.00	20 .00	36.00
135	147/162, Vikas Nagar	20.00	20 .00	36.00
136	147/163, Vikas Nagar	20.00	20 .00	36.00
137	147/164, Vikas Nagar	20.00	20 .00	36.00
138	147/165, Vikas Nagar	20.00	20 .00	36.00
139	147/166, Vikas Nagar	20.00	20 .00	36.00
140	147/167, Vikas Nagar	20.00	20 .00	36.00
141	147/168, Vikas Nagar	20.00	20 .00	36.00
142	147/169, Vikas Nagar	20.00	20 .00	36.00
143	147/170, Vikas Nagar	20.00	20 .00	36.00
144	147/171, Vikas Nagar	20.00	20 .00	36.00
145	147/172, Vikas Nagar	20.00	20 .00	36.00
146	147/173, Vikas Nagar	20.00	20 .00	36.00
147	147/174, Vikas Nagar	20.00	20 .00	36.00
148	147/175, Vikas Nagar	20.00	20 .00	36.00
149	147/176, Vikas Nagar	20.00	20 .00	36.00
150	147/177, Vikas Nagar	20.00	20 .00	36.00
151	147/178, Vikas Nagar	20.00	20 .00	36.00
152	147/179, Vikas Nagar	20.00	20 .00	36.00
153	147/180, Vikas Nagar	20.00	20 .00	36.00
154	147/181, Vikas Nagar	20.00	20 .00	36.00

155	147/182, Vikas Nagar	20.00	20 .00	36.00
156	147/183, Vikas Nagar	20.00	20 .00	36.00
157	147/184, Vikas Nagar	20.00	20 .00	36.00
158	147/185, Vikas Nagar	20.00	20 .00	36.00
159	147/186, Vikas Nagar	20.00	20 .00	36.00
160	147/187, Vikas Nagar	20.00	20 .00	36.00
161	147/188, Vikas Nagar	20.00	20 .00	36.00
162	147/189, Vikas Nagar	20.00	20 .00	36.00
163	147/190, Vikas Nagar	20.00	20 .00	36.00
164	147/191, Vikas Nagar	20.00	20 .00	36.00
165	147/192, Vikas Nagar	20.00	22 .00	36.00
166	147/193, Vikas Nagar	20.00	20 .00	36.00
167	147/194, Vikas Nagar	20.00	20- .00	36.00
168	147/195, Vikas Nagar	20.00	20 .00	36.00
169	147/196, Vikas Nagar	20.00	20 .00	36.00
170	147/197, Vikas Nagar	20.00	20 .00	36.00
171	147/198, Vikas Nagar	20.00	20 .00	36.00
172	147/199, Vikas Nagar	20.00	20 .00	36.00
173	147/200, Vikas Nagar	20.00	20 .00	36.00
174	147/201, Vikas Nagar	20.00	20 .00	36.00
175	147/202, Vikas Nagar	20.00	20 .00	36.00
176	147/203, Vikas Nagar	20.00	20 .00	36.00
177	147/204, Vikas Nagar	20.00	20 .00	36.00
178	147/205, Vikas Nagar	20.00	20 .00	36.00
179	147/206, Vikas Nagar	20.00	20 .00	36.00
180	147/207 Vikas Nagar	20.00	20 .00	36.00
181	147/208, Vikas Nagar	20.00	20 .00	36.00
182	147/209, Vikas Nagar	20.00	20 .00	36.00
183	147/210, Vikas Nagar	20.00	20 .00	36.00
184	147/211, Vikas Nagar	20.00	20 .00	36.00
185	147/212, Vikas Nagar	20.00	20 .00	36.00
186	147/213, Vikas Nagar	20.00	20 .00	36.00
187	147/214, Vikas Nagar	20.00	20 .00	36.00
188	147/215, Vikas Nagar	20.00	20 .00	36.00
189	147/216, Vikas Nagar	20.00	20 .00	36.00
190	147/217, Vikas Nagar	20.00	20 .00	36.00
191	147/218, Vikas Nagar	20.00	20 .00	36.00
192	147/219, Vikas Nagar	20.00	20 .00	36.00
193	147/220, Vikas Nagar	20.00	20 .00	36.00
194	147/221, Vikas Nagar	20.00	20 .00	36.00
195	147/222, Vikas Nagar	20.00	20 .00	36.00
196	147/223, Vikas Nagar	20.00	20 .00	36.00
197	147/224, Vikas Nagar	20.00	20 .00	36.00
198	147/225, Vikas Nagar	20.00	20 .00	36.00
199	147/226, Vikas Nagar	20.00	20 .00	36.00
200	147/227, Vikas Nagar	20.00	20 .00	36.00
201	147/228, Vikas Nagar	20.00	20 .00	36.00

202	147/229, Vikas Nagar	20.00	20 .00	36.00
203	147/230, Vikas Nagar	20.00	20 .00	36.00
204	147/231, Vikas Nagar	20.00	20 .00	36.00
205	147/232, Vikas Nagar	20.00	20 .00	36.00
206	147/233, Vikas Nagar	20.00	20 .00	36.00
207	147/234, Vikas Nagar	20.00	20 .00	36.00
208	147/235, Vikas Nagar	20.00	20 .00	36.00
209	147/236, Vikas Nagar	20.00	20 .00	36.00
210	147/237, Vikas Nagar	20.00	20 .00	36.00
211	147/238, Vikas Nagar	20.00	20 .00	36.00
212	147/239, Vikas Nagar	20.00	20 .00	36.00
213	147/240, Vikas Nagar	20.00	20 .00	36.00
214	147/241, Vikas Nagar	20.00	20 .00	36.00
215	147/242, Vikas Nagar	20.00	20 .00	36.00
216	147/243, Vikas Nagar	20.00	20 .00	36.00
217	147/244, Vikas Nagar	20.00	20 .00	36.00
218	147/245, Vikas Nagar	20.00	20 .00	36.00
219	147/246, Vikas Nagar	20.00	20 .00	36.00
220	147/247, Vikas Nagar	20.00	20 .00	36.00
221	147/248, Vikas Nagar	20.00	20 .00	36.00
222	147/249, Vikas Nagar	20.00	20 .00	36.00
223	147/250, Vikas Nagar	20.00	20 .00	36.00
224	147/251, Vikas Nagar	20.00	20 .00	36.00
225	147/252, Vikas Nagar	20.00	20 .00	36.00
226	147/253, Vikas Nagar	20.00	20 .00	36.00
227	147/254, Vikas Nagar	20.00	20 .00	36.00
228	147/255, Vikas Nagar	20.00	20 .00	36.00
229	147/256, Vikas Nagar	20.00	20 .00	36.00
230	147/257, Vikas Nagar	20.00	20 .00	36.00
231	147/258, Vikas Nagar	20.00	20 .00	36.00
232	147/259, Vikas Nagar	20.00	20 .00	36.00
233	147/260, Vikas Nagar	20.00	20 .00	36.00
234	147/261, Vikas Nagar	20.00	20 .00	36.00
235	147/262, Vikas Nagar	20.00	20 .00	36.00
236	147/263, Vikas Nagar	20.00	20 .00	36.00
237	147/264, Vikas Nagar	20.00	20 .00	36.00
238	147/265, Vikas Nagar	20.00	20 .00	36.00
239	147/266, Vikas Nagar	20.00	20 .00	36.00
240	147/267, Vikas Nagar	20.00	20 .00	36.00
241	147/268, Vikas Nagar	20.00	20 .00	36.00
242	147/269, Vikas Nagar	20.00	20 .00	36.00
243	147/270, Vikas Nagar	20.00	20 .00	36.00
244	147/271, Vikas Nagar	20.00	20 .00	36.00
245	147/272, Vikas Nagar	20.00	20 .00	36.00
246	147/273, Vikas Nagar	20.00	20 .00	36.00
247	147/274, Vikas Nagar	20.00	20 .00	36.00
248	147/275, Vikas Nagar	20.00	20 .00	36.00



249	147/276, Vikas Nagar	20.00	20 .00	36.00
250	147/277, Vikas Nagar	20.00	20 .00	36.00
251	147/278, Vikas Nagar	20.00	20 .00	36.00
252	147/279, Vikas Nagar	20.00	20 .00	36.00
253	147/280, Vikas Nagar	20.00	20 .00	36.00
254	147/281, Vikas Nagar	20.00	20 .00	36.00
255	147/282, Vikas Nagar	20.00	20 .00	36.00
256	147/283, Vikas Nagar	20.00	20 .00	36.00
257	147/284, Vikas Nagar	20.00	20 .00	36.00
258	147/285, Vikas Nagar	20.00	20 .00	36.00
259	147/286, Vikas Nagar	20.00	20 .00	36.00
260	147/287, Vikas Nagar	20.00	20 .00	36.00
261	147/288, Vikas Nagar	20.00	20 .00	36.00
262	147/289, Vikas Nagar	20.00	20 .00	36.00
263	147/290, Vikas Nagar	20.00	20 .00	36.00
264	147/291, Vikas Nagar	20.00	20 .00	36.00
265	147/292, Vikas Nagar	20.00	20 .00	36.00
266	147/293, Vikas Nagar	20.00	20 .00	36.00
267	147/294, Vikas Nagar	20.00	20 .00	36.00
268	147/295, Vikas Nagar	20.00	20 .00	36.00
269	147/296, Vikas Nagar	20.00	20 .00	36.00
270	147/297, Vikas Nagar	20.00	20 .00	36.00
271	147/298, Vikas Nagar	20.00	20 .00	36.00
272	147/299, Vikas Nagar	20.00	20 .00	36.00
273	147/300, Vikas Nagar	20.00	20 .00	36.00
274	147/301, Vikas Nagar	20.00	20 .00	36.00
275	147/302, Vikas Nagar	20.00	20 .00	36.00
276	147/303, Vikas Nagar	20.00	20 .00	36.00
277	148/1, Vikas Nagar	10.00	10 .00	28.00
278	148/2, Vikas Nagar	10.00	10 .00	28.00
279	148/5, Vikas Nagar	10.00	10 .00	28.00
280	153/1, M.P. Hutment	10.00	10 .00	28.00
281	153/2, M.P. Hutment	10.00	10 .00	28.00
282	153/3, M.P. Hutment	10.00	10 .00	28.00
283	153/4, M.P. Hutment	10.00	10 .00	28.00
284	153/5, M.P. Hutment	10.00	10 .00	28.00
285	154/1, M.P. Hutment	10.00	10 .00	28.00
286	154/2, M.P. Hutment	10.00	10 .00	28.00
287	154/3, M.P. Hutment	10.00	10 .00	28.00
288	154/4, M.P. Hutment	10.00	10 .00	28.00
289	154/5, M.P. Hutment	10.00	10 .00	28.00
290	155/1, M.P. Hutment	10.00	10 .00	28.00
291	155/2, M.P. Hutment	10.00	10 .00	28.00
292	155/3, M.P. Hutment	10.00	10 .00	28.00
293	155/4, M.P. Hutment	10.00	10 .00	28.00
294	155/5, M.P. Hutment	10.00	10 .00	28.00
295	156/1, M.P. Hutment	10.00	10 .00	28.00

296	156/2, M.P. Hutment	10.00	10 .00	28.00
297	156/3, M.P. Hutment	10.00	10 .00	28.00
298	157/1, M.P. Hutment	10.00	10 .00	28.00
399	157/2, M.P. Hutment	10.00	10 .00	28.00
300	157/3, M.P. Hutment	10.00	10 .00	28.00
301	158/1, M.P. Hutment	10.00	10 .00	28.00
302	158/2, M.P. Hutment	10.00	10 .00	28.00
303	158/3, M.P. Hutment	10.00	10 .00	28.00
304	71/1, Govindpuri	13.00	10 .00	28.00
305	71/2, Govindpuri	13.00	10 .00	28.00
306	71/3, Govindpuri	13.00	10 .00	28.00
307	71/4, Govindpuri	13.00	10 .00	28.00
308	71/5, Govindpuri	13.00	10 .00	28.00
309	71/6, Govindpuri	13.00	10 .00	28.00
310	71/7, Govindpuri	13.00	10 .00	28.00
311	71/8, Govindpuri	13.00	10 .00	28.00
312	71/9, Govindpuri	13.00	10 .00	28.00
313	71/10, Govindpuri	13.00	10 .00	28.00
314	72/1, Govindpuri	13.00	10 .00	28.00
315	72/2, Govindpuri	13.00	10 .00	28.00
316	76/1, Govindpuri	13.00	10 .00	28.00
317	76/2, Govindpuri	13.00	10 .00	28.00
318	76/3, Govindpuri	13.00	10 .00	28.00
319	76/4, Govindpuri	13.00	10 .00	28.00
320	76/5, Govindpuri	13.00	10 .00	28.00
321	76/6, Govindpuri	13.00	10 .00	28.00
322	76/7, Govindpuri	13.00	10 .00	28.00
323	76/8, Govindpuri	13.00	10 .00	28.00
324	76/9, Govindpuri	13.00	10 .00	28.00
325	76/10, Govindpuri	13.00	10 .00	28.00
326	76/11, Govindpuri	13.00	10 .00	28.00
327	76/12, Govindpuri	13.00	10 .00	28.00
328	76/13, Govindpuri	13.00	10 .00	28.00
329	76/14, Govindpuri	13.00	10 .00	28.00
330	76/15, Govindpuri	13.00	10 .00	28.00
331	76/16, Govindpuri	13.00	10 .00	28.00
332	76/17, Govindpuri	13.00	10 .00	28.00
333	77/1, Govindpuri	13.00	10 .00	28.00
334	77/2, Govindpuri	13.00	10 .00	28.00
335	77/3, Govindpuri	13.00	10 .00	28.00
336	77/4, Govindpuri	13.00	10 .00	28.00
337	77/5, Govindpuri	13.00	10 .00	28.00
338	77/6, Govindpuri	13.00	10 .00	28.00
339	77/7, Govindpuri	13.00	10 .00	28.00
340	77/8, Govindpuri	13.00	10 .00	28.00
341	77/9, Govindpuri	13.00	10 .00	28.00
342	77/10, Govindpuri	13.00	10 .00	28.00

343	77/11, Govindpuri	13.00	10 .00	28.00
344	97/1, Vigyan Kunj	13.00	10 .00	28.00
345	97/2, Vigyan Kunj	13.00	10 .00	28.00
346	97/3, Vigyan Kunj	13.00	10 .00	28.00
347	97/4, Vigyan Kunj	13.00	10 .00	28.00
348	101/3, Vigyan Kunj	13.00	10 .00	28.00
349	102/1, Vigyan Kunj	13.00	10 .00	28.00
350	102/2, Vigyan Kunj	13.00	10 .00	28.00
351	102/3, Vigyan Kunj	13.00	10 .00	28.00
352	102/4, Vigyan Kunj	13.00	10 .00	28.00
353	1/4, Niti Nagar	13.00	10 .00	28.00
354	1/5, Niti Nagar	13.00	10 .00	28.00
355	1/6, Niti Nagar	13.00	10 .00	28.00
356	32/1 Amod Kunj	13.00	10 .00	28.00
357	32/2 Amod Kunj	13.00	10 .00	28.00
358	32/3 Amod Kunj	13.00	10 .00	28.00
359	32/4 Amod Kunj	13.00	10 .00	28.00
360	32/5 Amod Kunj	13.00	10 .00	28.00
361	32/6 Amod Kunj	13.00	10 .00	28.00
362	33/1 Amod Kunj	13.00	10 .00	28.00
363	33/2 Amod Kunj	13.00	10 .00	28.00
364	33/3 Amod Kunj	13.00	10 .00	28.00
365	33/4 Amod Kunj	13.00	10 .00	28.00
366	33/5 Amod Kunj	13.00	10 .00	28.00
367	33/6 Amod Kunj	13.00	10 .00	28.00
368	40/1 Amod Kunj	13.00	10 .00	28.00
369	40/2 Amod Kunj	13.00	10 .00	28.00
370	40/3 Amod Kunj	13.00	10 .00	28.00
371	40/4 Amod Kunj	13.00	10 .00	28.00
372	40/5 Amod Kunj	13.00	10 .00	28.00
373	40/6 Amod Kunj	13.00	10 .00	28.00
374	40/7 Amod Kunj	13.00	10 .00	28.00
375	40/8 Amod Kunj	13.00	10 .00	28.00
376	40/9 Amod Kunj	13.00	10 .00	28.00
377	40/10 Amod Kunj	13.00	10 .00	28.00
378	40/11 Amod Kunj	13.00	10 .00	28.00
379	40/12 Amod Kunj	13.00	10 .00	28.00
380	41/1 Amod Kunj	13.00	10 .00	28.00
381	41/2 Amod Kunj	13.00	10 .00	28.00
382	41/3 Amod Kunj	13.00	10 .00	28.00
383	41/4 Amod Kunj	13.00	10 .00	28.00
384	41/5 Amod Kunj	13.00	10 .00	28.00
385	41/6 Amod Kunj	13.00	10 .00	28.00
386	41/7 Amod Kunj	13.00	10 .00	28.00
387	41/8 Amod Kunj	13.00	10 .00	28.00
388	66/4 Gorra Barrack	13.00	10 .00	28.00
389	66/5 Gorra Barrack	13.00	10 .00	28.00

390	66/6 Gorra Barrack	13.00	10 .00	28.00
391	66/7 Gorra Barrack	13.00	10 .00	28.00
392	66/8 Gorra Barrack	13.00	10 .00	28.00
393	66/9 Gorra Barrack	13.00	10 .00	28.00
394	66/10 Gorra Barrack	13.00	10 .00	28.00
395	67/1 Gorra Barrack	13.00	10 .00	28.00
395	67/2 Gorra Barrack	13.00	10 .00	28.00
396	67/3 Gorra Barrack	13.00	10 .00	28.00
397	67/4 Gorra Barrack	13.00	10 .00	28.00
398	67/5 Gorra Barrack	13.00	10 .00	28.00
399	67/6 Gorra Barrack	13.00	10 .00	28.00
400	67/7 Gorra Barrack	13.00	10 .00	28.00
401	67/8 Gorra Barrack	13.00	10 .00	28.00
402	67/9 Gorra Barrack	13.00	10 .00	28.00
403	67/10 Gorra Barrack	13.00	10 .00	28.00
404	67/11 Gorra Barrack	13.00	10 .00	28.00
405	S-1 Galla Godam	13.00	10 .00	28.00
406	S-2 Galla Godam	13.00	10 .00	28.00
407	S-3 Galla Godam	13.00	10 .00	28.00
408	S-4 Galla Godam	13.00	10 .00	28.00
409	S-5 Galla Godam	13.00	10 .00	28.00
410	S-6 Galla Godam	13.00	10 .00	28.00
411	S-7 Galla Godam	13.00	10 .00	28.00
412	S-8 Galla Godam	13.00	10 .00	28.00
413	S-9 Galla Godam	13.00	10 .00	28.00
414	S-10 Galla Godam	13.00	10 .00	28.00
415	S-11 Galla Godam	13.00	10 .00	28.00
416	S-12 Galla Godam	13.00	10 .00	28.00
417	S-13 Galla Godam	13.00	10 .00	28.00
418	S-14 Galla Godam	13.00	10 .00	28.00
419	S-15 Galla Godam	13.00	10 .00	28.00



37 APR 2005

**REVISED LICENCE FEE OF 121 COMMUNITY GARAGES
w.e.f. 1st APRIL 2005**

Sl. No.	Institute Garage No.	Existing License fee Per Month	Revised License fee per month
1.	IG-1 to IG-108, IG- 43A to IG -43J & IG-71A	Rs. 15.00	Rs. 22.00
2.	IG-B-1 & IG-B-2	Rs. 15.00	Rs. 22.00

**LICENCE FEE OF SERVANT QUARTERS ATTACHED
WITH RESIDENCES w.e.f. 1st APRIL 2005**

Sl. No.	Attached with residence	License fee per month
1.	201/1 to 201/4 Saraswati Kunj	Rs. 36.00
2	202/1 to 202/4 Saraswati Kunj	Rs. 36.00
3	203/1 to 203/4 Saraswati Kunj	Rs. 36.00
4	204/1 to 204/4 Saraswati Kunj	Rs. 36.00
5	205/1 to 205/4 Saraswati Kunj	Rs. 36.00
6	206/1 to 206/4 Saraswati Kunj	Rs. 36.00
7	207/1 to 207/4 Saraswati Kunj	Rs. 36.00
8	208/1 to 208/4 Saraswati Kunj	Rs. 36.00
9.	141/1 Vikas Nagar	Rs. 36.00
10.	143/1 Vikas Nagar	Rs. 36.00
11.	145 Vikas Nagar	Rs. 36.00
12	146 Vikas Nagar	Rs. 36.00
13	148/1, Vikas Nagar	Rs. 36.00
14	149, Vikas Nagar	Rs. 36.00
15	135/1, Vikas Nagar	Rs. 36.00
16	135/2, Vikas Nagar	Rs. 36.00
17	137/1 Vikas Nagar	Rs. 36.00
18	137/2 Vikas Nagar	Rs. 36.00
19	138/1 Vikas Nagar	Rs. 36.00
20	121 to 125 Thomson Marg	Rs. 36.00
21	91 Vigyan Kunj	Rs. 36.00
22	92 Vigyan Kunj	Rs. 36.00
23	93Vigyan Kunj	Rs. 36.00
24	94 Vigyan Kunj	Rs. 36.00
25	95 Vigyan Kunj	Rs. 36.00
26	96 Vigyan Kunj	Rs. 36.00
27	97 A Vigyan Kunj	Rs. 36.00

28	97 B Vigyan Kunj	Rs. 36.00
29	98 Vigyan Kunj	Rs. 36.00
30	100 Vigyan Kunj	Rs. 36.00
31	101/1 Vigyan Kunj	Rs. 36.00
32	101/2 Vigyan Kunj	Rs. 36.00
33	101/3 Vigyan Kunj	Rs. 36.00
34	103 Vigyan Kunj	Rs. 36.00
35	104 Vigyan Kunj	Rs. 36.00
36	105 Vigyan Kunj	Rs. 36.00
37	106 Vigyan Kunj	Rs. 36.00
38	77/1 Govindpuri	Rs. 36.00
39	77/2 Govindpuri	Rs. 36.00
40	2 Niti Nagar	Rs. 36.00
41	3 Niti Nagar	Rs. 36.00
42	9 Niti Nagar	Rs. 36.00
43	13 Niti Nagar	Rs. 36.00
44	17 Niti Nagar	Rs. 36.00
45	21 Niti Nagar	Rs. 36.00
46	61 Ravindra Lok	Rs. 36.00

LICENCE FEE OF GARAGES ATTACHED WITH RESIDENCES
w.e.f. 1st APRIL 2005

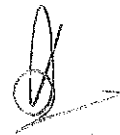
Sl. No.	Attached with residence	License fee per month
1.	201/1 to 201/4 Saraswati Kunj	Rs. 22.00
2	202/1 to 202/4 Saraswati Kunj	Rs. 22.00
3	203/1 to 203/4 Saraswati Kunj	Rs. 22.00
4	204/1 to 204/4 Saraswati Kunj	Rs. 22.00
5	205/1 to 205/4 Saraswati Kunj	Rs. 22.00
6	206/1 to 206/4 Saraswati Kunj	Rs. 22.00
7	207/1 to 207/4 Saraswati Kunj	Rs. 22.00
8	208/1 to 208/4 Saraswati Kunj	Rs. 22.00
9.	121 to 125 Thomson Marg	Rs. 22.00
10.	140/2 Vikas Nagar	Rs. 22.00
11.	141/1 Vikas Nagar	Rs. 22.00
12	143/2 Vikas Nagar	Rs. 22.00
13	145 Vikas Nagar	Rs. 22.00
14	146 Vikas Nagar	Rs. 22.00
15	148/1 Vikas Nagar	Rs. 22.00
16	148/2 Vikas Nagar	Rs. 22.00
17	149 Vikas Nagar	Rs. 22.00

18	160 Vikas Nagar	Rs. 22.00
19	161 Vikas Nagar	Rs. 22.00
20	162 Vikas Nagar	Rs. 22.00
21	133/3 Vikas Nagar	Rs. 22.00
22	135/1 Vikas Nagar	Rs. 22.00
23	135/2 Vikas Nagar	Rs. 22.00
24	137/1 Vikas Nagar	Rs. 22.00
25	137/2 Vikas Nagar	Rs. 22.00
26	138/1 Vikas Nagar	Rs. 22.00
27	91 Vigyan Kunj	Rs. 22.00
28	92 Vigyan Kunj	Rs. 22.00
29	93 Vigyan Kunj	Rs. 22.00
30	94 Vigyan Kunj	Rs. 22.00
31	95 Vigyan Kunj	Rs. 22.00
32	96 Vigyan Kunj	Rs. 22.00
33	97 A Vigyan Kunj	Rs. 22.00
34	98 Vigyan Kunj	Rs. 22.00
35	100 Vigyan Kunj	Rs. 22.00
36	102/4 Vigyan Kunj	Rs. 22.00
37	103 Vigyan Kunj	Rs. 22.00
38	104 Vigyan Kunj	Rs. 22.00
39	105 Vigyan Kunj	Rs. 22.00
40	106 Vigyan Kunj	Rs. 22.00
41	77/1 Govindpuri	Rs. 22.00
42	77/2 Govindpuri	Rs. 22.00
43	76/1 to 76/4 Govindpuri	Rs. 22.00
44	73/2 Govindpuri	Rs. 22.00
45	2 Niti Nagar	Rs. 22.00
46	3 Niti Nagar	Rs. 22.00
47	7 Niti Nagar	Rs. 22.00
48	9 Niti Nagar	Rs. 22.00
49	8/1 Niti Nagar	Rs. 22.00
50	8/2 Niti Nagar	Rs. 22.00
51	10/2 Niti Nagar	Rs. 22.00
52	11 Niti Nagar	Rs. 22.00
53	12/2, Niti Nagar	Rs. 22.00
54	13 Niti Nagar	Rs. 22.00
55	14/1 Niti Nagar	Rs. 22.00
56	14/2 Niti Nagar	Rs. 22.00
57	15 Niti Nagar	Rs. 22.00
58	17 Niti Nagar	Rs. 22.00
59	18/1 Niti Nagar	Rs. 22.00
60	18/2 Niti Nagar	Rs. 22.00
61	20/1 Niti Nagar	Rs. 22.00


12/10/2016

62	20/2 Niti Nagar	Rs. 22.00
63	21 Niti Nagar	Rs. 22.00
64	22/1 Niti Nagar	Rs. 22.00
65	22/2 Niti Nagar	Rs. 22.00
66	54/1 Amod Path	Rs. 22.00
67	54/2 Amod Path	Rs. 22.00
68	55/1 Amod Path	Rs. 22.00
69	55/2 Amod Path	Rs. 22.00
70	56/2 Amod Path	Rs. 22.00
71	57/1 Amod Path	Rs. 22.00
72	61 Ravindra Lok	Rs. 22.00
73	62/1 Ravindra Lok	Rs. 22.00
74	31/1 Amod Kunj	Rs. 22.00
75	33/2 Amod Kunj	Rs. 22.00
76	35/1 Amod Kunj	Rs. 22.00
77	37/1 Amod Kunj	Rs. 22.00
78	38/1 Amod Kunj	Rs. 22.00
79	38/2 Amod Kunj	Rs. 22.00
80	39/1 Amod Kunj	Rs. 22.00
81	41/2 Amod Kunj	Rs. 22.00

Partnership for
Water Education and Research (PoWER)
CHARTER



97 APR 2000

Partnership for Water Education and Research (PoWER)

CHARTER

PREAMBLE

Considering that there is a growing awareness in civil society, and among decision makers and professionals, regarding the need for sustainable use and management of the world's water and environmental resources;

Taking into account the advanced knowledge of, and experience with, water and environmental science, technology and management which is available within national and international institutions for higher education, training and research;

Based on the fact that the mission of the UNESCO-IHE Institute for Water Education, within UNESCO's educational and scientific mandate, is to strengthen and mobilise the global educational and knowledge base for integrated water management, and contribute to meeting the water-related capacity-building needs of the developing countries and countries in transition;

Performing the functions entrusted to the UNESCO-IHE Institute for Water Education by the member states of UNESCO with respect to international standard-setting for postgraduate water education programmes and continuing professional training; capacity-building, education, training and research; setting up and managing networks of educational and water sector institutions and organisations worldwide; and a "policy forum" function for UNESCO Member States and other stakeholders;

Recognising the unique strength of each 'founding' partner organisation and their respective autonomy and resources;

The undersigned, representatives of the

Birzeit University/Institute for Water Studies, Palestinian Authority
Hohai University, China P.R.
Human Settlement Management Institute of HUDCO, India
Hydraulics Research Institute, Egypt
Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico
Kwame Nkrumah University of Science & Technology, Ghana
Makerere University/Institute for Environment & Natural Resources, Uganda
Nanjing Hydraulic Research Institute, China P.R.
Regional Center for Urban Water Management, Iran
Taiwan International Institute for Water Education, Chinese Taipei
Sana'a University/Water and Environment Centre, Yemen
UNESCO-IHE Institute for Water Education, The Netherlands
Universidad Blas Pascal, Argentina
Universidad del Valle, Colombia
Universitas Katolik Parahyangan, Indonesia
University of Zimbabwe/Department of Civil Engineering, Zimbabwe
WaterNet, Zimbabwe

agreed on the establishment of a Partnership for Water Education and Research (PoWER), an international partnership of knowledge centres active in education, training and research in the field of integrated water management.

The members of the Partnership agree on the following:

Article 1 Shared Vision

An international partnership of knowledge centres dedicated to building capacity for the sustainable management of water and environmental resources in order to improve the quality of human life and the environment in developing countries and countries in transition.

Article 2 Mission

To combine the strengths of all partners and enhance the capacity of each partner in order jointly to:

- Deliver capable professionals in the water and environment sectors.
- Find innovative solutions for water and environmental challenges.
- Build up the capacity of institutions and communities with respect to better management of water and environmental resources.

In the process of combining strengths and levelling the capacities of the individual partners, joint products in the field of education, training and collaborative research will be developed in a multi-disciplinary manner. These shall be demand-responsive and duly accredited.

Article 3 Guiding Principles

The Partnership for Water Education and Research is founded on the following principles:

- commitment, co-operation and solidarity,
- communication based on respect, trust and equality,
- transparency and accountability, and
- innovation.

By observing these guiding principles, the Partnership seeks to generate synergies among its activities and other initiatives, programmes and projects in the water and environment sectors worldwide.

The signatories to this Charter recognise the importance of integrating new emerging partners.

Article 4 Joint Products

EDUCATION, TRAINING AND COLLABORATIVE RESEARCH

The Partners agree jointly to develop and implement educational modules, training products, services and activities, to carry out applied and solution-oriented research and to engage in human and institutional capacity building activities.

KNOWLEDGE AND INFORMATION EXCHANGE

The Partners will share and disseminate information, knowledge and experiences utilising appropriate technologies and tools. Partners will stimulate the accessibility of their networks, to enhance the mobility and connectivity of water and environment professionals, including alumni and communities of practice.

QUALITY BENCHMARKING SYSTEM

The Partners agree to establish standards that ensure the academic quality of the products and services that they jointly offer. The Partnership will define and develop a system for the management and quality assurance of these products and services.

Article 5 Governance Structure

A provisional structure of governance for the Partnership is outlined below. Special working groups will be created to define terms of reference for the Panel of Rectors, Vice-Chancellors and Directors, Technical Panel, and the Academic Committees.

PANEL OF RECTORS, VICE-CHANCELLORS AND DIRECTORS

A Panel of Rectors, Vice-Chancellors and Directors from Partner Institutions will be responsible for assessing partnership policies on academic, administrative and investment affairs for decision-making in the Directorate of UNESCO-IHE. This Panel will meet at least once a year, or as frequently as demanded. Rules for policy assessment and criteria for acceptance of new partners shall be developed in the initial period of the Partnership.

TECHNICAL COMMITTEE

A Technical Committee shall consist of academic representatives from partner institutions (to be selected and appointed by the Panel of Rectors, Vice Chancellors and Directors) and of UNESCO-IHE to work on the partnership development scheme. The Committee will guide and advise on the implementation of information and communication infrastructure in the development of continuous learning systems and environments. This Committee will meet at least once a year, or as frequently as required.

ACADEMIC WORKING GROUPS FOR JOINT PRODUCTS

Academic Working Groups, appointed by the Panel of Rectors, Vice-Chancellors and Directors for the duration of the joint educational activity, shall consist of reputable professors from partner institutions, responsible for quality monitoring of joint curricula, materials and tools and joint-research. These Working Groups will communicate with Academic Boards and Councils of partner institutions on benchmarking quality of education, set standards for the Partnership in general. These Working Groups will meet as frequently as required.

TASK FORCE

The Task Force established for the transitional period will manage the Partnership activities on a daily basis from 2002-2006. The Partners will transfer this duty to a new body i.e. a partnership management unit.

Article 6 Communications

In carrying out the mission, Partners agree to set up appropriate information and communication technologies and networking infrastructure, and procedures and protocols to ensure effective and efficient communications within the Partnership.

Article 7 Rights and Responsibilities of the Partners

Partners are equal members of the Partnership, and signatories to this Charter. Partners have the right to participate in the various activities and programmes of the Partnership, endorsed by mutual agreement of the Panel of Rectors, Vice Chancellors and Directors.

Signatories have the right to use the title "Collaborative Centre of UNESCO-IHE Institute for Water Education" and shall therefore show practices of good governance, excellence of academic standards and be financially viable. Signatories to this Charter shall not claim any rights to use the name "UNESCO" or act on behalf of UNESCO.

Partners are responsible for ensuring continuity of, and will make efforts to mobilise, all available resources for joint learning programmes.

Article 8 Intellectual Property Rights

Partners agree to apply copyrights and intellectual property rights, all of which shall be addressed under a contract for each joint product.

Article 9 Finance

The initial financial resources will be made available by the Government of the Netherlands for Partnership building and development. The Partnership shall develop a financing mechanism and model to secure continuity of activities. Partners, however, may independently and concurrently seek funds to support and complement Partnership activities. These may originate as grants and donations from official donors to a Partner(s), who shall be accountable for the management of these funds.

Article 10 Amendments and Modifications

This Charter may be amended, modified, superseded or terminated by the mutual agreement of all parties hereto at the time of such action.

Article 11 Suppression and Termination

A Partner may withdraw or suspend its participation under the present Charter by giving written notice to the Panel of Rectors, Vice-Chancellors and Directors, who shall acknowledge receipt thereof.

A Partner membership can be terminated by written notice from the Panel of Rectors, Vice-Chancellors and Directors. In the first instance, the Partners will strive mutually and constructively to resolve suppression or termination notices in a manner acceptable to all Partners. Unless such notice is withdrawn beforehand or the parties mutually agree otherwise, such notice of withdrawal or suspension shall take effect one year after the date of acknowledgement or receipt. Unless mutually agreed upon to the contrary by all remaining parties to this Charter, such notice shall not be prejudicial to nor relieve the noticing party of any commitments entered into concerning programmes, projects or other recognised rights and interests of any Partner, or under international law.

Article 12 Effective Date

This Charter will become effective for all Partners, with no retroactive effect upon activities and projects previously existing, when all signatures by the Partners Representatives have been put.

This Charter shall be registered in English with the UNESCO-IHE Institute for Water Education, based in Delft, The Netherlands.

Article 13 Scope of the Charter

This Charter consists of the Preamble and all provisions thereafter and amendments thereto, and all other agreements entered into by the Partners under this Charter. Partners may enter into bi- or multi-lateral special agreements/arrangements for implementation and management of programmes and projects to be undertaken within the framework of this Charter. Such agreements shall not be in conflict with this Charter and shall not confer any rights or obligations upon parties not signatories thereto, except as otherwise conferred under this Charter.

In witness thereof, the undersigned, authorised by their respective organisations have signed this Charter.

Done on 21 November 2002 at UNESCO-IHE, Delft, The Netherlands. In the case of translation from English to another UN-recognised language, any inconsistencies that may arise thereto, the text in the English language, in which this Charter is drawn up, shall prevail.

Signatures of Partner Representatives

Birzeit University
Institute for Water Studies
Palestinian Authority

Taiwan International Institute for
Water Education
Chinese Taipei

Hohai University
China P.R.

Sana'a University
Water and Environment Centre
Yemen

Human Settlement Management
Institute of HUDCO
India

UNESCO-IHE
Institute for Water Education
The Netherlands

Hydraulics Research Institute
Egypt

Universidad Blas Pascal
Argentina

Instituto Tecnológico y de Estudios
Superiores de Monterrey
Mexico

Universidad del Valle
Colombia

Kwame Nkrumah University of
Science & Technology
Ghana

Universitas Katolik Parahyangan
Indonesia

Makerere University
Institute for Environment & Natural Resources
Uganda

University of Zimbabwe
Department of Civil Engineering
Zimbabwe

Nanjing Hydraulic Research Institute
China P.R.

WaterNet
Zimbabwe

Regional Center for
Urban Water Management
Iran

Appendix 'O'

**MEMORANDUM OF UNDERSTANDING OF COLLABORATION
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
AND
HOUSING AND URBAN DEVELOPMENT CORPORATION LTD. (HUDCO)**

**NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AND IT IS
HEREBY AGREED AND DECLARED BY AND BETWEEN INDIAN INSTITUTE OF
TECHNOLOGY, ROORKEE (HEREINAFTER REFERRED TO AS FIRST PARTY)
AND HOUSING & URBAN DEVELOPMENT CORPORATION LTD. (HUDCO), NEW
DELHI (HEREINAFTER REFERRED TO AS SECOND PARTY) AS FOLLOWS**

1. OBJECTIVES AND ACTIVITIES OF HUDCO CHAIR

Objectives

The creation of HUDCO Professorial Chair shall accelerate research and development, teaching and training in the area of urban transport infrastructure development in the country. The Chair Professor is expected to provide leadership in one of the following areas of Urban Transport Infrastructure:

- To integrate latest state-of-art Information and Telecommunication Technology into the urban transport system in the form of "Intelligent Transport System" and "Information Technology".
- To provide input in the Technical Innovations in Vehicle Technology, Use of Alternate fuel for pollution free movement of vehicles.
- Optimization of transport systems to enhance efficiency and productivity comparable to industrial system.
- To develop suitable methodology for development of Integrated Public Transport System for growing cities including small and medium towns.
- To address societal issues like environmental pollution and road safety related with urban transportation system etc.

Activities

The HUDCO Chair Professor shall contribute in the following activities:

- Information and Knowledge generated through the work and effort of the Chair Professor will be available in the internet platform for wider application.
- The Chair Professor and one official from HUDCO will jointly supervise the M.Tech./Ph.D. scholars as per IIT Roorkee regulations on the research areas relevant to Urban Transport Infrastructure.
- To provide solutions for balanced development of Urban Public Transport to improve the quality as well as safety of the users and persons living in the township.
- Preparation of State-of-Art Reports on various aspects of Urban Transportation.
- To organize Seminar on Current Issues of Urban Transport Infrastructure.
- Development of a Database Resource Centre for Urban Transport Infrastructure.
- To conduct HRD programme for HUDCO Officials/ Other Executives in the areas of Urban Transport Infrastructure.
- Any other related activities mutually agreed.

2. COLLABORATION

Both the parties hereto shall undertake all the activities related to the collaboration term as stated below:

- i) The period of such collaboration shall be for a period upto 31st March 2010 beginning with the date of signing this MoU. Further extension of this assistance may be considered after a detailed review of the collaboration and its being found useful.
- ii) Should the circumstances arise which call for modifications of this Memorandum of Understanding these may be made by mutual consent given in writing. Proposals in this respect from first party shall be given due consideration by the second party or vice-versa.

3. HUDCO'S CONTRIBUTION

In order to build up necessary capacity at INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, HUDCO will provide grant upto a maximum of Rs 7.5 lacs per annum for creating a HUDCO Chair at INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE, of the level of a *Professor / Associate Professor* with supporting staff as may be considered essential for the period upto 31st March, 2010 on a matching basis i.e. 50% of the cost shall be borne by the collaborating institute as per clause 4 of the MoU. Any expenditure beyond Rs 7.5 lacs per annum shall be met by the Institute out of their own funds. This assistance will be regulated as follows:

- i. On signing of MoU, Rs 3.75 lacs will be released as an advance.
- ii. The Institute will be required to maintain a separate account for HUDCO grant. An expenditure statement is to be submitted by the Institute for seeking subsequent reimbursement, which will be equivalent to the expenditure incurred out of the disbursed HUDCO assistance. Thus at any point of time the outstanding advance with the Institute will be Rs 3.75 lacs.
- iii. The funds would be released twice in a year on the receipt of the report of expenditure and a statement on the activities carried by the institute.
- iv. HUDCO's grant should be utilized for meeting the expenditure on account of HUDCO Chair (Salary and other dues as per entitlement). The balance money is to be used for Research and Training purposes in consultation with HUDCO/HSML.
- v. Matching contribution of the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** would be based on certification in the proforma enclosed at Annexure – I of this MoU to be submitted by **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** alongwith the expenditure statement.
- vi. The release of funds shall be regulated as per operational guidelines for HUDCO chair collaboration from time to time and at present the substantive portion of guidelines is Annexure – III.

4. CONTRIBUTION BY THE INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE shall provide for the following as their contribution for HUDCO Chair operations

- A. Training: The matching contribution will be in the form of various expenses incurred by the Institute to facilitate participation and conduct of the training and other events including, boarding & lodging, equipment, training infrastructure etc.
- B. Research and Development
- C. Office space, equipment and other facilities needed for conducting the research and training programmes

5. ACTIVITY PLANNING AND EXECUTION

- i) Training, research, documentation and faculty development activities to be planned annually taking into account the demand, in house capacity and the overall objectives and activities of the collaboration including interalia the following:

- A National/ International workshop every year to discuss the issues of urban transport.
 - Developing Curricular and efforts for Certificate Courses on Urban Transport Management in Collaboration with HSMI.
 - Exploring Consultancy assignments in the sector of Urban Transport together with HSMI as a joint activity.
- ii) The training plan may be finalized in consultation with HSMI/ HUDCO for synchronizing the commitments of HSMI/ HUDCO before the beginning of each financial year/ calendar year.
6. Guidelines for faculty positions, procedures for manning the posts etc. is given in the Annexure – II of this MoU.
7. Nothing contained herein shall be construed as establishing or creating a relationship of master and servant or principal and agent between HUDCO and the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** or the employees of the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** and HUDCO or chair appointees and HUDCO or any person directly or indirectly associated with operationalising the collaboration for HUDCO Chair.

Signed, sealed and delivered by:

Director
INDIAN INSTITUTE OF TECHNOLOGY,
ROORKEE

Signed, sealed and delivered by:

Chairman & Managing Director
Housing & Urban Development
Corporation Ltd. (HUDCO)
New Delhi

Dated: _____



UTILIZATION CERTIFICATE

This is to certify that the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** has incurred an expenditure of Rs _____ lakhs out of the grant given by HUDCO for the period _____ towards the HUDCO Chair operations as per the guidelines contained in para - 3 and para - 4 of the MoU signed between **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** and **HUDCO**.

As against above **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** have spent Rs. _____ as its matching contribution..

HEAD OF THE INSTITUTE



GUIDELINES FOR FACULTY POSITIONS, PROCEDURES FOR MANNING THE POSTS ETC.

- i. Their number and levels as well as support staff is to be decided by the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE.**
- ii. The pay scales, perks and other remuneration will be as per the requirement and in line with the institute's rules.
- iii. Qualification and experience of the faculty members to be as follows:

Essential Qualifications:

- a. **Professor:** Ph.D. with first class or equivalent at the preceding degree in the appropriate branch with a very good academic record throughout and a minimum of 10 years experience of which at least 5 years should be at the level of Assistant Professor/Associate Professor.
- b. **Associate Professor:** Ph.D. with first class or equivalent at the preceding degree in the appropriate branch with a very good academic record throughout and a minimum of 8 years experience of which at least 3 years should be at the level of Assistant Professor.

An outstanding engineer/technologist working in industry and with established reputation, and who has made significant contribution to knowledge but not having a Ph.D. degree could also be considered for appointment to the post of Professor/ Associate Professor on contract basis. Such appointment will be made only sparingly and in extremely deserving cases as per IIT, Roorkee Rules.

The qualifications and specialization of the above posts are given below in Table :

S.No.	Level	Specialization
1.	Undergraduate (B.Tech./B.E./BSc. Engg./ B.Arch.)	Civil Engineering/ Mechanical Engineering/ Automobile Engineering/ Architecture
2.	Graduate (M.Tech./ M.Planning)	Urban Planning/ Regional Planning/ Transportation Engineering/ Urban Transport Management
3.	Doctoral (Ph.D)	Transportation Engineering/ Urban Transport Planning/ Urban Transport Management/ Urban Transport Environment Interaction/ Road Safety/ Public Transport System/ Optimisation of Transport System/ Alternate Fuels/ Intelligent Transport System



Experience : The candidate must have relevant experience in the specialization listed below:

Transportation Engineering/ Urban Transport Planning/ Urban Transport Management/ Urban Transport Environment Interaction/ Road Safety/ Public Transport System/ Optimisation of Transport System/ Alternate Fuels/ Intelligent Transport System or any other relevant area of specialization.

iv. Supporting Research Staff/ Secretarial/ Technical Staff

Qualification and Experience to be in line with recruitment rules of the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE.**

- v. The faculty positions can be manned either through fresh recruitment for the collaboration period without implying any permanent appointment either with HUDCO or the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE.** Alternatively, the appointee can be on deputation or by way of redeployment from the existing staff of the **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE.** In each case the candidature of the short-listed candidates shall be made by a selection Committee to be constituted by **INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE** having a nominee of CMD, HUDCO, on the Selection Committee. The selected candidate should be an in-service personnel and not a retired officer. However, in exception cases where retired professionals with outstanding urban development/ urban transport management background are available, their recruitment could also be considered.



Item 3(vi): OPERATIONAL GUIDELINES

Details of Expenditure Covered/ Not Covered under HUDCO Chair

Sl.No.	Head of Expenditure	Collaborating Institute's Contribution	HUDCO's Contribution
A	Expenditure on Staff		
1	Pay and allowances of HUDCO Chair Faculty/ Staff	*	Yes
2	TA/DA of HUDCO Chair Faculty	*	Yes
3	Other Costs on HUDCO Faculty	*	Yes
B	Expenditure from HUDCO funds on other heads out of the unspent balance form "A" above		
1	Training kit and stationary (including banners, badges invitation cards etc.)	*	Yes
2	Training material development and reproduction	*	Yes
3	Honorarium payments to guest faculty	*	Yes
4	Travel expenses of faculty and technical study visit of participants to project sites	*	Yes
5	Books and journals connected with the programme	*	Yes
6	Postal, communication etc. connected with the programmes	*	Yes
7	Documentation of projects, feedback studies, evaluation studies, visual documentation of projects etc.	*	Yes
C.	Expenditure to be met by the Collaborating Institute out of the matching contribution as per MOU		
1	Expenses incurred by the Institute/ State Government/ Local Bodies/ Agencies on participants other than on conduct of the training such as their travel expenses etc.	Yes	No
2	Participants boarding and lodging	Yes	No
3	Classroom equipment	Yes	No
4	Training infrastructure, like classrooms, hostel, auditorium, recreation facilities etc.	Yes	No
5	Research and Development	Yes	No
6	Office space/ equipment, its furniture, fixtures, office staff and other related facilities utilized in research and training programmes	Yes	No

*---The collaborating institute may incur expenditure out of their own contribution on these items also, if so required.

To be signed by : Head of the Institute/ Authorised Signatory



THIS MEMORANDUM OF UNDERSTANDING
ON 30/9/04 OF TWO THOUSAND

Appendix 'P'

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 **INDIAN INSTITUTE OF PETROLEUM, DEHRADUN, INDIA** (hereinafter referred to as IIP) which is one of the constituent National Laboratories under CSIR of the first part

AND

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE – an autonomous Institute established under Ministry of Human Resource Development, Govt. of India on September 21, 2001, under an Act of Parliament and having its registered office at ROORKEE, UTTARANCHAL – 247 667 (thereinafter referred to as IITR) of the second part


PREAMBLE

WHEREAS, IIP is engaged in research, design and development, and consultancy in the field of engineering and technology mainly petroleum refining, natural gas, petrochemicals and utilization of petroleum products for developing novel, state-of-art technologies and products.

WHEREAS, IITR, which is charged with the responsibility of training technical manpower in different areas of Engineering, including Chemical 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.

WHEREAS, both IIP and IITR, now

- Recognizing the importance of research and development in the areas of Basic Sciences, Engineering, Petroleum science and engineering, and Petrochemicals.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Petroleum and its refining, Natural Gas, Petrochemicals, utilization of Petroleum Products, Engines Technology, Combustion, Vibration Studies, Tribology, Synthesis of new compounds, Lubricants and Additives, Bio diesel, Catalyst development, Biotechnology.


S. K. AGARWAL

- 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 special emphasis on chemical engineering, mechanical engineering and petroleum science and engineering.

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

ARTICLE - I: SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between IIP and IIT-R for enhancing within the country, the availability of highly qualified manpower in the area of chemical Engineering, mechanical engineering, petroleum refining and other branches of engineering, technology and basic sciences including chemistry without any prejudice to prevailing rules and regulations in CSIR/IIP and IITR 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/IIP and/or IITR. The areas of cooperation can be extended through mutual consent.

ARTICLE - II: SCOPE OF ACADEMIC INTERACTION

IIP and IITR shall encourage interaction between the IIP Scientists, research fellows and IITR faculty members and students through the following arrangements.

- (a) Exchange of personnel through deputation for limited periods as mutually agreed upon
- (b) Organization of joint conferences and seminar
- (c) Practical training of IITR students at IIP
- (d) Joint guidance of student projects/thesis in Basic Sciences, Engineering Sciences, Petroleum Refining and Applications, Petrochemicals and other areas of national interest at IITR by IIP on mutually agreeable terms.

To begin with, a collaboration will start with terms as listed in **Annexure-I** of this MOU; these terms can be modified in future by mutual consent.

- (e) Admission of IIP scientists/technical officers, research fellows to the post-graduate and Ph.D. programmes at IITR as sponsored candidates fulfilling the criteria as mutually agreed upon. The research fellows sponsored by IIP for M.Tech and Ph.D. programmes will be paid fellowship by IIP on behalf of CSIR.

ARTICLE - III: SHARING OF FACILITIES

- (a) IIP and IITR 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) IIP and IITR 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) IIP and IITR shall provide access to the library 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 IIP and IITR shall be coordinated by a coordination committee appointed jointly by Director, IIP and Director, IITR.
- (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.
- (d) Any clause or article of the MOU may be modified or amended by mutual agreement of IIP and IITR.

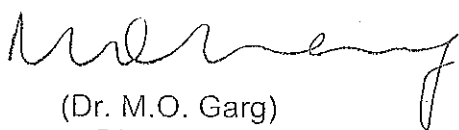
ARTICLE - VI: IPR

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.

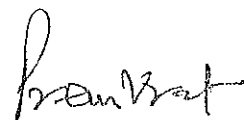
ARTICLE - VII : CONFIDENTIALITY

During the tenure of the MOU both IIP and IITR 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.



(Dr. M.O. Garg)
Director
Indian Institute of Petroleum,
Dehradun



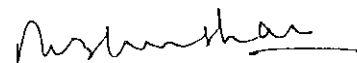
(Dr. Prem Vrat)
Director
Indian Institute of Technology
Roorkee

Witness



Date: 30-9-04

Witness



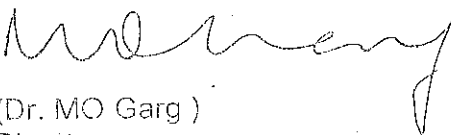
Date: 30 Sep 2004

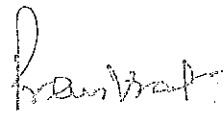
DETAILS FOR THE COLLABORATION ON JOINT GUIDANCE OF
STUDENT PROJECT/ THESIS AND FINANCIAL SUPPORT
TO MASTER'S STUDENTS AT IITR BY IIP

To begin with, a collaboration will start with the following terms and conditions:

- (i) In the first instance, Junior Research Fellows of IIP having CSIR (NET) or GATE qualifications will be admitted for Ph.D. Programme in any branch of Science and Engineering at IITR with special emphasis on Petroleum geosciences, Chemistry, Biochemistry, Chemical Engineering, Mechanical Engineering, Biochemical Engineering.
- (ii) Every year upto two IIP research fellows will be admitted to M.Tech. programme of Chemical, Mechanical, Biochemical Engineering each or any other branch of Engineering at IITR with possible financial support from IIP subject to approval from CSIR.
- (iii) Admission to research fellows under Ph.D. and M.Tech. programme will be conducted together with the regular Ph.D. and M.Tech. admission following exactly the same procedure. The students admitted under this scheme would have qualified JRF or GATE examination.
- (iv) IIP will make efforts to arrange funds to such students as applicable for the JRF of CSIR.
- (v) The students will be allotted a supervisor from IIT Roorkee faculty and another supervisor from amongst IIP scientists to be nominated by Director IIP. IITR will consider the name of IIP Scientists for possible approval as a Ph.D. thesis supervisor and also for M.Tech thesis.
- (vi) The thesis problem of these students will be decided in mutual consultation between the concerned student and his/ her two supervisors so that thesis work is carried out in the area of mutual interest.
- (vii) The students will carry out their Ph.D. or M.Tech project/thesis work mainly at IIP.
- (viii) There will be no restrictions on the contents of the thesis and on publication of results of the thesis as per article VI of this MOU.
- (ix) Both IIP and IITR will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- (x) Any patents/ IPR resulting from the thesis/research of such students will be filed/ held jointly by IIP and IITR (Article VI).

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


(Dr. MO Garg)
Director
Indian Institute of Petroleum,
Dehradun


(Dr. Prem Vrat)
Director
Indian Institute of Technology,
Roorkee



11 APR 2001

INDIAN INSTITUTE OF TECHNOLOGY
ROORKEE

Director's Office
Appendix 'Q'
Lr. No. 28/29 Date 29.7.04
Signature

Chairman
Board of Governors

Registrar's Office

By: 152 Date: 29/09/04
Signature

Dated: 29.7.04

Subject: Request for approval for signing an MOU between IIT Roorkee and National Institute of Hydrology Roorkee.

1. A letter was received from Dr. K.D.Sharma, Director, National Institute of Hydrology, Roorkee for collaboration between NIH Roorkee and IITR based on consultations with the relevant Departments and certain Professors of IITR. The matter was discussed during the IITR-NIH Coordination Committee meeting held on 26 Mar 2004.
2. The draft MOU was sent to the Heads of the Departments of Civil Engineering, WRDTC, Hydrology, Earth Sciences, AHEC and Earth Quake Engineering.
3. The draft MOU was discussed in the meeting of Educational Research & Planning Committee in detail on 3.9.2004 and certain suggestions were incorporated.
- 4.(a) The draft MOU was approved by the Senate in its meeting held on 13th Sep 2004
(b) The Senate authorized the Chairman, Senate to approve further minor modification, if required.
5. The Director, NIH suggested following minor modifications:
 - (i) Under article II in sub section (a), the last sentence may continue as "Involvement of IITR in NIH research projects"
 - (ii) Under article II sub section (f) may kindly be added as "submission of joint research and consultancy projects to Indian and foreign agencies"
 - (iii) Under article III in section (c) in line 2 please add "Postgraduate" word before students.
6. These have been incorporated in the revised draft.
7. A copy of the revised draft MOU is enclosed for your kind perusal.

It is requested that approval of signing the MOU (copy enclosed) with National Institute of Hydrology Roorkee may kindly be accorded.

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

Prem Vrat
(Prem Vrat)
Director

Prof. S.K.Joshi
Chairman, BOG
M-56, South City
Gurgaon 122001
Haryana

U.O.No.PIP/NIH/

Dated: 29/9/04

I approve signing of MOU with NIH Roorkee

2 IIT Roorkee

PIB/R.

for m.a. / report

Prem Vrat
30/9/04 DIRECTOR

S.K. Joshi
29/09/04

MS

THIS MEMORANDUM OF UNDERSTANDING (MOU) IS EXECUTED ON
OF TWO THOUSAND AND FOUR,

BETWEEN

National Institute of Hydrology which is a SOCIETY. Govt. of India, registered under the Indian Societies Registration ACT XXI of 1860 with its Registered Office at Roorkee – 247667, Uttaranchal, (hereinafter referred to as NIH)

AND

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE – an autonomous Institute established under Ministry of Human Resource Development, Govt. of India on September 21, 2001, under an Act of Parliament and having its registered office at ROORKEE, UTTARANCHAL – 247 667 (thereinafter referred to as IITR) of the second part

PREAMBLE

WHEREAS, NIH is engaged in basic, applied and strategic research and consultancy in the field of Hydrology, Water resources development and management.

WHEREAS, IITR, which is charged with the responsibility of training technical manpower in different areas of Engineering, Technology, Sciences, 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.

WHEREAS, both NIH and IITR, now

- Recognizing the importance of research and development in the areas of Hydrology, Hydropower and Water Resources,
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Hydrology and Water Resources, Civil Engineering, Chemistry, Nuclear Physics, Geology, Geophysics and Hydrometeorology.
- Desiring to club their efforts by pooling their expertise and resources.

INTEND to form a nucleus for promoting excellent quality manpower with a focus on Hydrology, Water Resources and related sciences.

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

ARTICLE - I: SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between NIH and IITR for enhancing within the country, the availability of highly qualified manpower in the area of Hydrology, Water resources and related sciences and engineering without any prejudice to prevailing rules and regulations in MOWR/NIH and IITR 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 MOWR/NIH and/or IITR. The areas of cooperation can be extended through mutual consent.

ARTICLE - II: SCOPE OF ACADEMIC INTERACTION

NIH and IITR shall encourage interaction between the NIH Scientists and IITR faculty members and students through the following arrangements.

- (a) Exchange of personnel for limited periods as mutually agreed upon such as deputation of selected NIH scientists as adjunct faculty in concerned departments/centers of IITR and involvement of IITR in NIH research projects.
- (b) Organization of joint conferences, seminars and training courses
- (c) Practical training of IITR students at NIH
- (d) Joint guidance of student projects/thesis in Hydrology, Water Resources and other areas of national interest at IITR by NIH on mutually agreeable terms.
- (e) Admission of NIH scientists/technical officers to the post-graduate/Ph.D. programmes at IITR fulfilling the criteria as mutually agreed upon.
- (f) Submission of joint research and consultancy projects to Indian and foreign agencies.

ARTICLE - III: SHARING OF FACILITIES

- (a) NIH and IITR shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation. Such costs will be worked out on actual basis.



- (b) NIH and IITR 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) NIH and IITR shall provide access to the library facilities to scientists, members of faculty and post graduate 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 NIH and IITR shall be coordinated by a coordination committee appointed jointly by Director, IIT Roorkee and Director, NIH.
- (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.
- (d) Any clause or article of the MOU may be modified or amended by mutual agreement of NIH and IITR.

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, NIH and Director, IITR. The outcome of the committee shall be binding upon both the parties.

ARTICLE – VIII : CONFIDENTIALITY


During the tenure of the MOU both NIH and IITR 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.

(K.D.Sharma)
Director
National Institute of Hydrology,
Roorkee

(Prem Vrat)
Director
Indian Institute of Technology
Roorkee

Witness :
Date :

Witeness :
Date :



Appendix 'R'



INDO-SWISS ACADEMIC ALLIANCE - ISAA

EPFL ETHZ HTB HTD HTR HTRGP HTM HTG HTR

MEMORANDUM OF UNDERSTANDING FOR THE CREATION OF ISAA

PREAMBLE

The Indo-Swiss Academic Alliance composed of Indian and Swiss universities has been formed under the joint initiative of the Indian and Swiss governments with the objective to enhance and support mutual cross cultural awareness in higher education in science and technology in India and in Switzerland. The Governments of the two countries have made financial resources available for the development, implementation and sustainability of the program for the next four years.

Each university in the Alliance is solely responsible for all academic areas including admissions, program coordination, educational content, faculty, grades, transcripts, and the granting of degrees.

DECLARATION

This Memorandum of Understanding sets forth arrangements by the undersigned signatories ("Members"), to establish the Indo-Swiss Academic Alliance (ISAA) to strengthen scientific and technological cooperation between India and Switzerland;

WHEREAS, Members have agreed to associate themselves with aim of promoting academic cooperation for mutual interest in the fields of research & development, education, transfer of technology and dissemination of knowledge;

THEREFORE, Members set forth their following understandings:

1. INTERPRETATION

"MOU" means this document called a Memorandum of Understanding and all Appendices to this document.

"Member" means the Swiss and Indian universities, listed in Section 4.A, that have agreed to participate in this program.

2. PURPOSE

This collaboration integrates research and education with emphasis on promoting diversity, vitality and cross cultural awareness in our tomorrow's science and engineering workforce

3. GOALS AND OBJECTIVES

To establish a symbiotic relationship between Swiss and Indian universities in the fields of science and engineering education by drawing on the complementary strengths and perspectives of faculties and students at these universities

- through Faculty exchange in which faculties from Member universities in one country will contribute in their key competency areas to host Member universities in the other country by providing expertise, offering lectures, and by exploring common research themes that would serve as the foundation for future partnerships,
- through initiation of joint disciplinary and multidisciplinary research activities between faculty members of two or more Member universities, of which at least one Member university shall belong to each country,
- through student exchange at graduate level to foster intercultural understanding with focus on developing future leadership in science, technology and engineering which is well versed in the cultural diversity of the two countries,
- through development of financial resources to support the above mentioned activities

4. FOUNDER – MEMBERS – AFFILIATES

4.A Founders

- Swiss Federal Institute of Technology Lausanne (EPFL)
- Swiss Federal Institute of Technology Zurich (ETHZ)
- Indian Institute of Technology, Bombay (IITB)
- Indian Institute of Technology, Delhi (IITD)
- Indian Institute of Technology, Gowhati (IITG)
- Indian Institute of Technology, Kanpur (IITK)
- Indian Institute of Technology, Kharagpur (IITKGP)
- Indian Institute of Technology, Madras (IITM)
- Indian Institute of Technology, Roorkee (IITR)

4.B Members

Signatories to this Memorandum of Understanding

4.C Affiliates

ISAA Affiliates ("Affiliates") may be added to the ISAA after approval by all Members. The activities of an Affiliate shall be described in a separate ISAA Affiliate memorandum of Understanding executed by all Members.

5. ORGANIZATION

The activities of the ISAA will be governed by a Governing Board whose task would be to articulate visions, introduce reforms and develop goals and strategies for the alliance.

The Governing Board will be assisted by a Coordinator who will be stationed at the EPFL. The role of the coordinator will be to address ISAA goals, administer the program, and ensure its sound functioning. Some tasks of the coordinator's office would be announcement of opportunities, screening of applications, assisting in the arrangement of all exchanges, collecting proposals and relevant documentation and publications, and sending information and correspondence to students and faculty.

5.A Governing Board

Number of Board Members: Nine

Qualifications: Nine members. Presidents/Directors of the Member universities

Chair: Member Presidents/Directors rotating annually as decided by the Governing Board

5.B Program Executive Committee (PEC)

Number of Committee Members: Nine; hereafter designated as program Coordinators

Qualifications: Each Member will appoint one Program Coordinator and a support team to assist him.

Duties:

- Serve on the committee as participants
- Coordinate program within Member universities

6. MECHANISM TO FOSTER COLLABORATION AND COOPERATION

The Members agree to assist in developing mechanisms that will serve to encourage and enhance cooperative work between the institutions in areas of mutual interest, such as computer science, telecommunication, life sciences, and electrical engineering. As the collaboration matures, the scope can be broadened and more branches of engineering can be brought under its purview by mutual consent. Examples of instruments that will serve to foster cooperative work include establishing:

6.A Faculty Exchange Fellowships (FEF)

The primary goal of this program is to promote the exchange of faculties between the Members. FEF is driven by the desire to broaden research horizon and to leverage synergism. Faculty applying for the fellowship should be genuinely interested in developing collaboration between the Members and are flexible enough to adapt to new conditions and environments.

Recommended time period: 1 to 3 months

6.B Research Grants

This program is responsible for promoting and supporting joint research activities between the Member institutions in areas of common interest. Under this program the faculties ensuing from at least two Member universities will join together to submit joint research proposals. Of these collaborating Member universities, at least one Member university shall belong to each country. Attribution of grants will be on a competitive basis. All submitted projects will be peer reviewed.

The grant will be used to support the exchange of Masters' and doctoral students, involved in the joint research, between the Member universities taking part in the joint project.

6.C Graduate Education Fellowships

With the broad aim to strengthen diversity and cross culture awareness among the students, the goal of this program is to offer scholarships to individual graduate students from Member universities who are interested in pursuing their Masters' and doctoral studies from a Member institution in the other country. Scholarships are competitive and the selection will be made by an independent selection committee on the basis of an outstanding academic record and a convincing statement of purpose.

Undergraduate Students

The program would thus support undergraduate B.Tech students from the Member IITs who wish to enroll for their Masters' at the EPFL/ETHZ. The B. Tech students will be allowed to transfer their final year (4th year) credits to EPFL/ETHZ for the Master's program. The Masters' degree could thus be of one year duration for the IIT students. Similarly, the program will support final year Master's students from the EPFL/ETHZ who wish to do their Masters' from a Member IIT through its dual degree B.Tech/M.Tech program.

Graduate students

The program would also support graduate students from the Member universities for one year who show strong motivation in pursuing their doctoral studies from a Member university. These students could thereafter be admitted to the doctoral program subject to their performance and availability of funding.

7 ADMINISTRATION OF SPECIFIC COLLABORATION PROJECTS

7.A The Members understand that this MOU cannot detail how any one collaborative effort will be implemented, administered, or funded, in the light of the breadth and variety in form and substance of the anticipated collaborations. As a result, the Members acknowledge that they will need to enter into separate subsidiary agreements for each of the three Mechanisms described under Section 6.



Subsidiary agreements will address the scope of sub-clause 6.A, 6.B, and 6.C; obligations of Members to the collaboration, administration, coordination and implementation of the alliance; the respective rights of each Member to own, use and license intellectual property that is developed in the course of the collaboration; and other issues mutually agreed to by the Members.

- 7.B The terms and conditions of the subsidiary agreements will be consistent with this MOU.

8. ANNUAL REVIEWS

- 8.A In order to assure progress in attaining the goals described in this MOU, is agreed that the Directors of IITs and the Presidents of EPFL/ETHZ, or their designated representatives, will annually review the scope and progress of cooperative activity between their institutions and policies and programs related to this MOU.

9. TERM AND TERMINATION OF THIS MEMORANDUM OF UNDERSTANDING

- 9.A This MOU shall last for a period of FOUR academic years from the date and year of commencement.
- 9.B The Members may agree to extend the MOU for a further period or periods as may be agreed by mutual consent.
- 9.C Members may withdraw from the alliance at any time with prior 6 months written notice to the Governing Board. During this period the Program Executive Committee will endeavor to address and correct the concerns of the Member who wishes to withdraw. If these efforts are not successful, MOU will terminate for the withdrawing Member when the 6 month notice period expires.
- 9.D The termination of this MOU will result in the automatic termination of all the subsidiary agreements entered into by the withdrawing Member.
- 9.E This MOU will stand terminated if either all the Members from India or from Switzerland have withdrawn from ISAA.

10. AMENDMENTS

- 10.A Amendments to this MOU may be proposed, either by the undersigned or their successors, and shall become effective only if agreed to, in writing, by the undersigned or their successors.

11. RESOLUTION OF DISPUTES

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

12. GENERAL

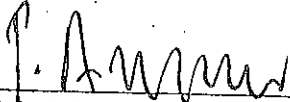
12.A This MOU is an agreement between the Members and does not create or confer any right or benefit to any other person or Member, private or public.


12.B A determination that any term of this MOU is invalid for any reason shall not effect the validity of the remaining terms of the MOU

Agreed to:

Swiss Federal Institute of Technology, Lausanne

Swiss Federal Institute of Technology, Zurich


Prof. Patrick Aebischer, President



Prof. Olaf Kübler, President


Date:

Date: 17 Sept 2004

Indian Institute of Technology, Mumbai

Indian Institute of Technology, Delhi


Prof. Ashok Misra, Director

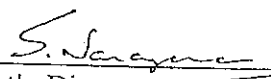

Prof. Rajpal Singh Sirohi, Director

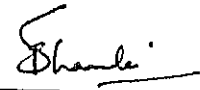
Date:

Date: 27-09-04

Indian Institute of Technology, Chennai

Indian Institute of Technology, Kanpur


Prof. M. S. Ananth, Director



Prof. Sanjay Govind Dhande, Director


Date: 27-09-04

Date: 27 SEPT. 2004

Indian Institute of Technology, Kharagpur

Indian Institute of Technology, Guwahati

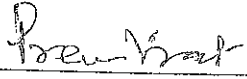

Prof. Shishir K. Dube, Director


Prof. Govind Barua, Director

Date: 27-09-04

Date: 27/9/04

Indian Institute of Technology, Roorkee


Prof. Prem Vrat, Director

Date

27th Sept. 2004

Appendix 'S'

Report of Visit of IIT Directors/Deputy Director to Germany Under DAAD Invitation

Professor Dr. Prem Vrat, Director IIT Roorkee,
Professor Dr. Shishir Kumar Dube, Director IIT Kharagpur and
Professor Dr. Anil D. Sahasrabudhe, Deputy Director IIT Guwahati
were invited to visit Federal Republic of Germany from December 5-12, 2004
under DAAD initiative.

Accordingly, a tour itinerary was planned by DAAD and tour went on as planned.

Brief description of the visit to Germany and impressions of IIT Directors about
Federal Republic of Germany and its various Technical Institutes is being
presented here.

The visiting team assembled in Delhi on December 4, 2004. A dinner was hosted
by Mr. Ulrich Podewils, Director, DAAD New Delhi in India International Centre
for the Indian team, in which Mrs. Podewils and Ms. Pratibha Jhalani, Officer-in-
Charge Programmes and Mrs. Prem Vrat were also present. During the dinner,
Mr. and Mrs. Podewils briefed about the tour itinerary, expectations from the tour
and life in Germany and wished Bon Voyage.

The team started its journey from New Delhi International Airport on Flight No. KL
872 to Amsterdam by KLM airline on December 5, 2004 at 1:30 a.m. The journey
continued from Amsterdam to Munich on Flight No. KL 1791 and the team
reached Munich on December 5, 2004 at 9:25 a.m.

The team was received by Ms. Ayla Ozturk-Banha at the Munich airport who
accompanied the visitors in the entire tour. The team was put up in Regent Hotel
very close to central railway station. The team visited the Christmas marketplace
and one of the members Prof. A. D. Sahasrabudhe also visited Technical
Museum in Munich. The museum is unique in many respects depicting the entire
history of science and technology in all fields. There are prototypes of machinery
ranging from printing press, foundry to cars and aircrafts, musical instruments,
textile machinery to printing press. The museum is in a huge 5-storied complex
and an excellent informative and educative center for young students.

On the next day, i.e. December 6, 2004, main business of the tour began with a
visit to Technical University, Munich. Dr. Edmund Cmiel, Academic Director and
Head of Student Service Centre received the team members. A meeting of the
visitors with Professor Dr. Dr. h.c.mult. Wolfgang A Herrmann, President of TUM,
Dr. Hannemor Keidel, Vice President, International Relations, Dr. Roland Koch,
Academic Director and Presidential Representative for Foreign Affairs, and Dr.
Edmund Cmiel, Academic Director and Head of Student Service Centre took
place from 9 a.m. to 9.45 a.m., wherein President welcomed the visitors and

briefed about the Technical University Munich. The university, which is one of the 9 such technical universities of Germany, has a record of being the best in many fields and is internationally highly rated university. TUM was founded by in 1868. The university has currently 20,564 students in undergraduate and graduate programs of which 4167 are foreign students. TUM has 404 professors, 4108 academic staff and 5711 non-academic staff. That makes a student teacher ratio of about 50:1 which is very high compared to IITs where a ratio of 10:1 is maintained. There are twelve departments including a department of food science which is a speciality of the university. The university has an impressive campus with state of the art laboratories. The university has a distinction of having 6 nobel laureates, 2 of them being currently Professors in Chemistry and Physics. The university had on its rolls as professors some of the greatest luminaries like Rudolf Diesel, Heinz Maier-Leibniz, Carl von Linde and Robert Huber.

Prof. Prem Vrat gave an account of IIT system in India and its worldwide reputation to the university team. Other members of team also complimented the information about IITs.

During this meeting an MOU was signed between TUM and IIT Kharagpur by Professor Wolfgang Herrmann, President of TUM and Prof. S. K. Dube, Director, IIT Kharagpur. It was informed that a similar MOU would also be signed between TUM and IIT Guwahati and and TUM and IIT Roorkee which is under the consideration of respective Boards of Governors of the Institutes.

Thereafter there was a meeting of visitors with the students of different IITs who are pursuing their M. Tech projects in TUM under the DAAD Sandwich Programme. Most students expressed their happiness about the progress of their projects and general working conditions in the university. One student Mr. Yogiraj Parchi of IIT Roorkee had a problem in getting Al-Lithium alloy for his research. The university expressed that it has been trying to help him out.

Max Planck Society hosted a lunch at 1 p.m. This was followed by a meeting in the Max Planck Society Munich, wherein apart from Dr. Berthold Neizert Head of Department of International Relations, Dr. Felix Kahle of Department of International Relations, Indian scientists working in Max Planck Society Dr. Archana Mishra, Dr. Basu Kaustuv and Dr. Seejesh Shanker and Consul General of India Mr. J. S. Mukul were present along with the visiting team. Dr. Berthold Neizert welcomed the members and informed about Max Planck Institute (MPI). The motto of MPI has been knowledge must precede application. Success of the society lies in sound financial support to the tune of € 52.4 billion (69% from industry, 17% from federal Govt and 14% from state), full autonomy, working in innovative areas, integration of research and quality control and rigorous evaluation procedure. The MPI has produced as many as 15 Nobel Laureates and 12500 publications in 2003. The society has as many as 78 institutes, 12200 employees (4200 scientists and 9600 junior scientists of which 50% are



foreigners). The MPI is handling 1509 projects and has 3466 partners in 92 countries. MPI fellowships of £ 20,000 per annum for 5 years are available for promising young scientists below 35 years of age. The MPI has a MOU with DST, DAE, TIFR, IITD, S. N. Bose Institute, National Institute for Material Science, NCBS and IISc, Bangalore. Amongst the foreigners working in MPI India has the biggest share.

Thereafter, Dr. Archana Mishra presented the work being carried out by her in MPI in the area of Neurobiology, followed by presentation by Dr. Basu Kaustuv in the area of Radio Astronomy and Dr. Seejesh Shanker in the area of Biochemistry. All the presentations were excellent and the quality of work being pursued by them was of very high quality, latest and path breaking in the respective fields. The interaction was extremely useful.

The visiting Directors gave an account of IIT system in India, which was appreciated by the members present.

The team then left for Stuttgart on ICE 512 at 5:31 p.m. and later to Karlsruhe on IC 2062 at 8.52 p.m. and retired for the day in Hotel Kaiserhof. Notable feature of German trains have been the maintenance of train timings to the last minute. No train comes a minute early nor leaves a minute late.

Next day, i.e. on December 7, 2004, Mr. Achim Niessen, Director International Office, University of Karlsruhe received the visitors and a meeting with the Pro-Rector of the university Professor Dr. Norbert Henze took place at 9.30 a.m. Professor Dr. Norbert Henze briefed the visitors about the University, which is one of the oldest universities of Europe started in 1825. He also narrated about the 13 year of schooling system (4 years of primary education and 9 years of Gymnasium education) prevalent in Germany which is followed by 5 year programme leading to Diploma in Engineering called as Dip Ing.

The university has 280 Professors on its roll. 20% of students in the university are foreigners including India. The university had the privilege of having Professors of eminence such as Hertz of Electro-magnetism fame and Redtenbacher father of Mechanical Sciences. Benz is an alumnus of this university. The university is rated as a champion in natural sciences, computer science and mechanical engineering.

A meeting followed this with Indian students pursuing M. Tech sandwich programme. In this meeting it was learnt about the problems faced by these students when they reached Bonn and Karlsruhe, especially with regard to accommodation. Mr. Ashok Kunchiwalra an Indian who is now a resident of Karlsruhe helped these students with accommodation arrangement during their first few days. Based on the difficulties faced by these students, the visiting team strongly feels that all Indian students be paid air passage to Germany and all students be asked to assemble in Delhi, have a briefing session prior to leaving

3



for Germany on a common flight so that their reception in Germany can be organised in a better manner. Accommodation for visiting students be planned in advance to avoid hick ups, which were faced by students in Karlsruhe. If there is budgetary constraint, these students may be paid airfare in advance and it may be deducted in instalments from the fellowship amount, which is due to them. In order to arrange suitable accommodation, help from persons like Mr. Ashok Kunchiwala may be sought by the university, which he has kindly agreed to offer. The visiting team invited Mr. Ashok Kunchiwala to the university and thanked him for his support.

After the lunch hosted by the university, the visiting team left Karlsruhe for Darmstadt on IC 2370 at 12:54 p.m. Visiting team was received at the railway station by Ms. Ulla Nothnagel, Program Manager, International Relations Office, Technical University Darmstadt. The visiting team then visited Technical University Darmstadt. Professor Dr.-Ing. Johann-Dietrich Worner, President of Technical University Darmstadt welcomed the visitors and a meeting was arranged with the visitors, wherein apart from Ms. Ulla Nothnagel, Prof. Dr.-Ing. J. Stefan Bald and Dr. Phil. Winfried Heinzel joined. Professor Dr.-Ing. Johann-Dietrich Worner, a young and dynamic President briefed about the Technical University Darmstadt, its programmes, students, faculty etc. The university has 290 Professors, 18000 students (20% of them being foreigners including Indians), 2500 academic staff. The university has an excellent tradition of research. He proudly informed about the discovery/invention of new elements Hs, Mt, Ds and Rk (with atomic numbers 108, 109, 110, and 111 of the periodic table) from the university. He narrated about the schooling system in Germany. The Diploma in Engineering which is given after 5 years on entry from a 13 year schooling is in fact equivalent to a Master's Programme in Engineering. The course content comprises of 50% of courses in engineering, 35% in natural sciences and 15% in Humanities and Social Sciences. He also informed about the difficulty encountered worldwide in recognition of German Diploma system. In view of this problem, German universities are planning to introduce a system of awarding 3 year BSc degrees after 13 years of schooling. This will be followed by 2 year MSc degree programme to be in tune with the rest of the world. The university has already taken a lead in this direction. TUD has full autonomy regarding its academic programmes and pursuits. It caters to dual mode of education through traditional class system as well as e-learning. Some of the strong points of the university have been internal and external evaluation, accreditation, benchmarking and continuing education. It has 70 university-industry partnerships. The university has collaborations with leading industrial giants like GM, EDS and SUN. The university has a patent cell and during the current year it was successful in two incubations.

Professor Dr.-Ing. Johann-Dietrich Worner, President of Technical University Darmstadt has also been elected President of the European Science Union. The visiting team congratulated him on his election and briefed him about the IIT system, its pursuit of excellence both in teaching and research, the Joint



Entrance Examination which is one of the toughest examinations in the world and how out of approximately 2 lakh aspirant candidates only about 4000 candidates make it to IIT's undergraduate programme and so on.

This was followed by a meeting of Indian students studying in Darmstadt under DAAD-Sandwich programme. Two students of IITs under DAAD-Sandwich programme studying in Technical University Stuttgart, where visit of IIT Directors was not planned were also invited to this meeting. A student from IIT Guwahati Mr. Parag Mogre who underwent DAAD-Sandwich programme last year in Technical University Darmstadt and is currently pursuing Ph. D. was also invited to this meeting. Supervisors of students pursuing their projects under sandwich M. Tech programme were also present. All the students were extremely happy about the facilities in the university and life in Germany. Supervisors were also pleased with the performance of Indian students. It is worthwhile to mention that Mr. Parag Mogre received the Best Masters' Thesis Award amongst all students in Germany during last year. However, while pursuing his Ph. D. programme, he faced difficulty in recognition of his M. Tech degree from IIT Guwahati. The matter is being sorted out by university administration. This clearly reflects that there has been no clear understanding of education system in India among German universities and German education system among Indian universities.

The team then left Darmstadt for Mainz on RE 36328 and later from Mainz to Bonn on EC 8. The visiting team was put up in Hotel Gunnewig Bristol.

On December 8, breakfast was hosted by Professor Dr. Max. G. Huber, Vice President DAAD in Hotel Bristol. At 9.15 a.m. the team was taken in a DAAD car to the DAAD office taking a round in the city of Bonn. The buildings, parks and roads in Bonn were impressive indicating the developed status of the country. This was followed by a meeting in DAAD office from 10 a.m. The meeting was attended by Ms. Hannelore Bossmann, In-charge South and South East Asia, Dr. Heinz-L. Nastansky, Head of Division Asia, Australia, Newzeland and Oceania, Dr. Christian Bode, Secretary General, DAAD and Dr. Helmut Blumbach, Head of Department, Southern Hemisphere. During the meeting, an overview of DAAD (German Academic Exchange Service) and its multifarious activities was presented.

DAAD has supported as many as 4113 students from India of which 1924 are in Engineering discipline and 1395 in Mathematics. As many as 459 students have been offered DAAD fellowships for M. Tech programme since 1998 of which 58 are ladies. However, number of German students pursuing studies in India have been quite less (159). No. of German students in IITs from 1999 to 2004 are meager 51. DAAD has supported 114 projects in India of which 21 are with IITs.

During the discussion that followed regarding the M. Tech Sandwich Programme under DAAD, visiting team raised some important issues like providing International Travel Support to students, reception of students in Germany,

briefing and orientation programme for all students in Delhi etc. Further, IIT team stressed on importance of flow of bright German students to IITs. The DAAD agreed to look into all these aspects.

Thereafter the team had a meeting with Mr. Martin Lubke, Dipl.-Verwaltungswirt and Mr. Gottfried Frhr. von Gemmingen-Guttenberg, India Desk Officer, South Asia Division in the Federal Ministry for Economic Cooperation and Development. They informed about the existence of an MOU between the Ministry with NABARD in India for poverty alleviation, micro-credit and watershed management. They also informed about continuing support of Ministry for scientist exchange programme between India and Germany. Their policy of look East (i.e. towards India and China, being the giant economic powers of future) was enunciated.

They evinced keen interest in green and clean technologies, waste management, watershed management, working with NGOs and bio-diesel. Mr. Gottfried informed that we could work in the area of bio-diesel with Chrysler or through GTFSET programme.

The visiting team comprising of Prof. Prem Vrat, Prof. S. K. Dube and Prof. A. D. Sahasrabudhe stressed on strengthening relationships between Germany and India and that Germany should not think of India as a poor country, but look towards it as a technological giant with strong engineering and science coming from IITs. The nature of undergraduate input to IITs, which is a cream of Indian talent, has made a brand name for IITs amongst the comity of nations.

This was followed by a lunch hosted by DAAD. Thereafter, visiting team left for Aachen at 2 p.m. by DAAD car. Dr. Heide Naderer, Director of International Relations office in RWTH, Aachen, received the team. The team visited the university campus and in particular took a round of Geothermal Laboratory and met Mr. Christoph Herzog who explained the drilling of rocks taking place on the campus. The university is planning to use ground heat for air-conditioning of a part of the university through a European Union Sponsored Project. It was interesting to note that the drilling tools used for drilling come from a firm Widia in India. The team then had a meeting with IIT Guwahati student Mr. Srinivas Ganeboina and his M. Tech. thesis supervisor Prof. Dr.-Ing Wolfgang Schroder. Prof. Schroder explained about the activities of the Institute of Fluid Mechanics and the work being undertaken by the student. The concept of an institute under a university is similar to a Chair in the IITs, with the difference being that the institute has a number of Chairs. Other Indian students pursuing M. Tech project under DAAD Sandwich Programme were not invited. Mr. Srinivas Ganeboina had called all of them to this venue, but somehow due to communication gap, they could not attend this meeting. On the insistence of IIT Directors, all these students who were waiting outside were called in and introduced to visitors. The students reported that they were happy with the facilities available in the university and they have adjusted to living in shared apartment accommodation.



A meeting at 4 p.m. followed this with Prof. Dr. rer. nat. Burkhard Rauhut, Rektor of University of Aachen, Prof. Dr. Wolfgang Marquardt and Dr. Heide Naderer, wherein all IIT students pursuing sandwich M. Tech programme were also present.

Prof. Rauhut briefed about the University of Aachen, which is one of the 9 technical universities in Germany started in 1870. The university has 28,800 students of which share of foreign students are 5,900 (23%). There are 400 Professors, 3,600 academic staff, 2,400 non-academic staff and 260 institutes (these are equivalent to departments/centers/groups in the Indian context). The university started the concept of Science Park in 1981. Special feature of the university is in terms of start-ups it has been able to establish. There have been 201 successful start-ups generated within the university by its Professors, students and alumni since 1995, 41 of them being supervised by RWTH Aachen in 2001-02 and 38 in 2002-03. The university has 6 formal interdisciplinary centers and 16 voluntary competence centers. Competence centers are a special feature of the university evolved by the Professors drawn from different departments on a voluntary basis. These are similar to quality circles in industries, which get evolved by its employees and the role of industry is that of a facilitator. Here too university provides necessary support for such voluntary competence centers, which emerge based on interaction amongst various institutes and faculty of the university.

Thereafter there was a discussion session on the special topic "Staff Conditions at Technological Research Universities" in which Prof. Dr. rer. nat. Burkhard Rauhut, Rektor of University of Aachen, Prof. Dr. Wolfgang Marquardt and Dr. Heide Naderer, Prof. Prem Vrat, Director IIT Roorkee, Prof. S. K. Dube, Director IIT Kharagpur and Prof. A. D. Sahasrabudhe, Deputy Director, IIT Guwahati participated. Discussion veered around how staff conditions could be improved to maintain excellence in a university and produce better quality of research.

Visitors then checked in at Aquis Grana City Hotel at 6.15 p.m. On that day dinner was hosted at 7.00 p.m. by Prof. Dr. rer. nat. Burkhard Rauhut for visitors and two Indian Masters' Sandwich Programme students in an Indian Restaurant Ganges.

Next day, i.e. on December 9, 2004 at 7:30 a.m. the team left Aachen for Dusseldorf by DAAD car and took a flight LH 862 from Dusseldorf (in the Western region) to Dresden (in the Eastern region) at 10:10 am. The team arrived in Dresden at 11:35 a.m. Mr. Bernhard Eberhardt, Deputy Head of International Office, University of Dresden received the team. There was a lunch hosted by TU Dresden at 1 p.m. in which Prof. Dr. Karl-Heinz van Pee, Director, Institute of Biochemistry, TUD, Dr. Karin Potje-Kamloth, of Institute of Macromolecular Chemistry, TUD, Prof. Dr. rer. nat. Dirk Helbing of Institute for Economics and Traffic, TUD and Prof. Dr. Ludwig Schultz, Director of Institute of

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Next day, i.e. on December 10, the team left Dresden at 8.08 a.m. on IC 2572 for Berlin. On reaching Berlin at 10.21 a.m. went to Hotel Sylter Hof Berlin.

The team then visited Berlin University of Technology at 11.55 a.m., where Dr. Harald Ermel, Director Foreign Office received the team. There was a meeting with Professor Dr. rer. Nat. Kurt Kutzler, President of the University from 12 noon to 1.00 p.m. Professor Kutzler narrated about the university, which has a very good international reputation. The university has 32,000 students, 6,400 (20%) of whom are foreigners. Apart from large number of students from Eastern Europe there are 500 Chinese students and 81 Indian students. University has 8 faculties (departments) with a university annual budget of \$ 320 Million, substantial support being from Industry, Federal Ministry and European Union. The university has competence clusters in the areas of Energy, Transportation, and Water Resources. The university has a concept of Centres for partners in innovation in the area of Electronics and Communication. Mobile communication cluster being supported by Siemens. The university also has a center for Technical Acoustics. Being aware of problems of recognition of Dip-Ing worldwide, the university is planning to introduce Bachelors and Masters Programmes from 2008 in line with the prevalent practice worldwide. Professor Kutzler also informed that he is aware of the IIT system in India, which is a brand name worldwide, especially in USA. He also informed that Germany has great interest in India and China under the policy of look East by the Federal Government. He suggested possible collaboration between university in Germany, an enterprise in Germany and an Institute from India. He also informed that university is planning to open up and introduce more and more technical courses in English in which Indian Professors can participate. The proposal was appreciated by the visiting team and informed that faculty from IITs may visit on short-term assignments of one to two semesters and can teach technical courses in English. There was a brief visit to the university followed by lunch with the Director of Foreign Relations of the university in which another retired Professor specializing in welding research also participated.

H.E. Tirumalai Cannavakum A. Rangachari, Indian Ambassador to Germany, invited the visiting team for Dinner. Dr. Dipankar Sarkar, Counsellor (S&T) picked up the visiting team to meet Ambassador for dinner at his residence. A number of Indians including Army officials on visit to Germany were invited. Ambassador and his wife gave an account of life in Germany and how Indians have been faring well in various facets of German life.

Next day, i.e. December 11 the Saturday was a day reserved for sight seeing. The team visited a number of historical places including the place where once Berlin wall existed. A large part of the city has an excellent forest cover and a large park. The team also visited boundary between erstwhile East and West Germany, a number of classical buildings in erstwhile East Germany. The team had a lunch in an Indian Restaurant Geeta. In the evening, team visited a

number of shopping complexes and went to a Concert of the "Sinfonie Orchestra Berlin" in Philharmonie. The orchestra had as many as 70 musicians. The music was rhythmic and enjoyable. In the night at 10 p.m. Prof. Prem Vrat and Prof. A.D.Sahasrabudhe met IIT students in Technical University Berlin and discussed their problems. All appeared to be happy with their progress.

Next day, i.e. on December 12, 2004, team left Berlin at 6.30 a.m. for Amsterdam on flight KL 1818. Ms. Ayla saw us off at the Berlin airport. Ms. Ayla had been an excellent guide in the entire tour describing various facets of cultural life in Germany. The team reached Amsterdam at 8.00 a.m. and left for Delhi at 11 a.m. on flight KL 871. The team reached Delhi at 11.30 p.m. on December 12, 2004 carrying sweet memories of visit to Germany.

In totality, it has been a very educative, insightful and useful professional interaction, though it became somewhat hectic due to compression of the visit duration. The visitors would like to record their deep appreciation to DAAD and all those who contributed to its success.

Prof. Prem Vrat
Director, IIT Roorkee

Prof. S. K. Dube
Director, IIT Kharagpur

Prof. A. D. Sahasrabudhe
Deputy Director, IIT Guwahati