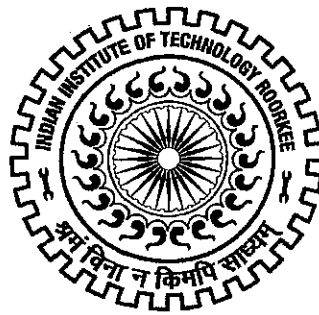


अभिशासक परिषद
की चतुर्थ बैठक का कार्यवृत्त

MINUTES OF THE 4th MEETING OF THE
BOARD OF GOVERNORS

24.11.2002



भारतीय प्रौद्योगिकी संस्थान रूड़की
रूड़की - 247 667 (भारत)

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



Lt Col A K Srivastava (Retd)
Registrar

भारतीय प्रौद्योगिकी संस्थान रुड़की
(पूर्व रुड़की विश्वविद्यालय)

रुड़की - 247 667, उत्तरांचल, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
(Formerly University of Roorkee)

ROORKEE - 247 667, UTTARANCHAL, INDIA

Fax : (91) 1332 - 85310, 73560,

Tele. : (91) 1332-72430, 85311(O), 72445, 85312 (Res.)

e-mail : regis@iitr.ernet.in / srivastava-a@lycos.com

No. MS/IITR/BOG/4th /11/2002/146(iv)

Dated 7th January ,2003

Subject: Minutes of the Special meeting (4th meeting) of the Board of Governors held on 24th November 2002.

Sir,

A copy of the minutes of the Special meeting (4th meeting) of the Board of Governors of the Institute, approved by the Chairman, is sent herewith for favour of your kind perusal and comments, if any, latest by 31st January 2003. If no comments are received by the date, it will be presumed that you have no comments to offer and that you approve of the minutes as recorded.

(A.K.Srivastava)

Lt. Col. (Retd)

Registrar

Secretary. Board of Governors

07 JAN 2003

To,

1. Prof. S.K.Joshi
The Chairman, Board of Governors,
IIT Roorkee,
Room No. 252,
National Physical Laboratory,
Dr. K S Krishnan Marg,
New Delhi - 110 012
2. Prof. Prem Vrat
Director
IIT Roorkee
3. Mr. Sudripto Roy, I.A.S.
Secretary to Govt. of H.P.
Technical Education Department
Shimla-02

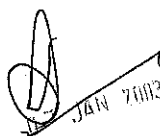
4. Mr. N.S.Napalcyal , I.A.S. (Ex-officio)
Secretary to Uttaranchal Govt.
State Secretariat
Dehradun (Uttaranchal)
5. Mr. Dharamvir, I.A.S.
Financial Commissioner and
Principle Secretary to Govt. of Haryana
Room No. 46, Technical Education & IT Deptt.
9th floor, Haryana Civil Secretariat
CHANDIGARH
6. Mr. V.S.Pandey, I.A.S.
Jt. Secretary (Tech)
Department of Secondary
& Higher Education
MHRD, Shastri Bhawan
New Delhi
7. Dr. K.Kasturirangan
Chairman,
Deptt. of Space, Antariksh Bhavan
New BEL Road
Bangalore 560 094
8. Dr. D.P.Singh
Vice-Chancellor
U.P.Rajarshi Tandon Open University
17, Thorn Hill Road
(Mahrishi Dayanand Marg)
Allahabad 211 001
9. Prof. R.Natarajan
Chairman
All Indian Council for Technical Education
Indira Gandhi Sports Complex,
Indraprastha Estate
New Delhi 110 002
10. Prof. K.G.Ranga Raju
Civil Engg. Deptt.
IIT Roorkee
11. Prof. M.L.Kapoor
Met. & Materials Engg. Deptt.
IIT Roorkee
12. Lt. Col. (Retd.) A.K.Srivastava
Registrar, IIT Roorkee

- Secretary

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE

INDEX

Item No.	Item	Page No.
4.1.1	To confirm the minutes of the 3 rd meeting of the Board of Governors held on 28 th Sept. 2002.	1
4.1.2	To receive a report on the action taken on the decision of the previous meeting of the Board of Governors held on 28 th Sept. 2002.	2
4.1.3	To receive a report from the Director on the significant developments/ issues since the last meeting of the Board held on 28 th Sept. 2002.	8
4.2.1	Execution of lease deed in respect of Plot No. 20 in Knowledge Park II Greater Noida allotted to IITR by GNIDA.	8
4.2.2	Modified Draft MoU as devised by IFD, MHRD to be entered between IITs and MHRD, Govt. of India.	9
4.2.3	Grant of Financial Assistance to Research Scholars/ Students presenting papers in International Conference abroad.	9
4.2.4	Restructuring of the Centre for Continuing Education.	10
4.2.5	Introduction of concept of Joint Professors	11
4.2.6	Payment of arrears of stagnation increments to the Academic Staff.	11
4.2.7	Proposal for the revision of honorarium for full time Para Medical Staff on work purchase.	11
4.2.8	Award of M. Phil./M.Tech. & Ph.D. Degrees	11
4.2.9	Proposal for the purchase and installation of High Capacity Generators for stand by power for Departments and Hostels.	12
4.2.10	Proposal for procurement of central Nuclear Magnetic Resonance facilities at IIT Roorkee.	12
4.2.11	Recommendations of Board SRIC meeting dated 11.11.2002 regarding admissibility and amount field allowance.	13
4.2.12	Rules for Sponsored Research Projects.	13
4.2.13	Annual Report for the year 2001-2002.	13
4.2.14	Administrative approval and expenditure sanction for the estimates submitted by CPWD and recommended by B&WC for various works to be executed in IIT Roorkee.	14
4.2.15	Administrative approval and expenditure sanction for construction of a 2.0 m high boundary wall and high gate on the land to be acquired by the Institute in Knowledge Park II at Greater Noida.	15
4.2.16	Site for construction of the New Library Building for the Institute as recommended by B&WC.	15
4.3.1	To report the actions/ decisions taken by the Chairman BOG on behalf of the BOG.	16
4.3.2	To report certain matters for the information of the BOG.	18
App. 'A'	MoU to be entered between IITs and MHRD	19-29
App. 'B'	Estimate for Auditorium Building	30
App. 'C'	Estimate for Library Building	31
App. 'D'	Estimate for VIP Guest House	32
App. 'E'	Estimate for 28 numbers multistoried flats	33
App. 'F'	Estimate for Faculty Lounge	34
App. 'G'	Site for New Library and Auditorium Complex	35


JAN 7 2003

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE - 247 667

MINUTES OF THE SPECIAL MEETING (4TH MEETING) OF THE BOARD OF GOVERNORS HELD ON 24TH NOVEMBER 2002 AT 11.45 A.M. IN THE BOARD ROOM OF THE INSTITUTE.

PRESENT:

1. Prof. S.K.Joshi - Chairman
2. Prof. Prem Vrat, Director, IITR - Member
3. Mr. Dharamvir, IAS - Member
4. Mr. Sudripto Roy, IAS - Member
5. Mr. N.S.Napalchyal, IAS - Member
(Representing Chief Secretary,
Uttaranchal State)
6. Prof. D.P.Singh, V.C., U.P. Rajarshi - Member
Tandon Open University, Allahabad
7. Prof. K.G.Ranga Raju - Member
8. Prof. M.L.Kapoor - Member
9. Lt. Col. (Retd.) A.K.Srivastava - Secretary

Apologies were conveyed by the following members for not attending the meeting:

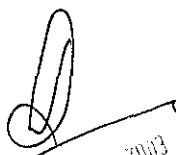
1. Mr. V.S.Pandey, IAS, Joint Secretary, MHRD
2. Dr. K. Kasturirangan, Chairman, ISRO, Bangalore
3. Prof. R. Natarajan, Chairman, AICTE, New Delhi

At the outset, the Chairman welcomed the members to the special meeting (4th meeting) of the Board of Governors on the occasion of the 2nd Annual Convocation of the Institute and especially Mr. Dharamvir, IAS, Financial Commissioner & Principal Secretary to Govt. of Haryana, Mr. Sudripto Roy, IAS, Secretary to Govt. of Himachal Pradesh, Mr. N.S.Napalchyal, IAS, Secretary to Uttaranchal State and Dr. D.P.Singh, Vice-Chancellor, U.P.Rajarshi Tandon Open University, Allahabad. He expressed happiness on their presence in the meeting, and looked forward to their continued guidance and valued contribution to the activities of the Institute.

The agenda was then taken up.

Item No. 4.1.1 To confirm the minutes of the 3rd meeting of the Board of Governors held on 28th Sept. 2002.

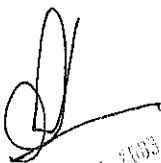
The minutes of the 3rd meeting of the Board of Governors held on 28th Sept. 2002 were confirmed as circulated.


07 JAN 2003


Item No. 4.1.2 To receive a report on the action taken on the decisions of the previous meeting of the Board of Governors held on 28th Sept. 2002.:

The position of actions taken on the various issues, was noted as follows:


Item No.	Abstract of the minutes	Status of action taken
I. MINUTES OF THE 3RD MEETING OF THE BOG HELD ON 28.09.2002:		
3.1.4	<p>While receiving a report from the Director on the significant developments/ issues since the last meeting of the Board held on 29.6.2002, the Board further noted that:</p> <ol style="list-style-type: none"> 1. Innovations in Science & Technology is a positive step and needs to be strengthened by the Dean SRIC. 2. Implementation of the Apprentices scheme be pursued. 3. A Nano Technology Centre needs to be organised as an Interdisciplinary Centre and should involve various Departments. 4. Residences of the faculty and Hostels be provided internet connectivity by extending the present network. 	<p>Letter No. SRIC/875/Misc. dated 18th Nov. 2002 was sent to all HODs/Centres with the request that the observation may be brought to the notice of the faculty/scientists of their Department/ Centre to enhance and strengthen innovations.</p> <p>The matter is being implemented. Further, letter has been sent to the Apprentices as per list provided by the Board of Technical Apprenticeship Training, Northern Region, Govt. of India, MHRD, Kanpur.</p> <p>Letter No. PIP/165/ dated 20th Nov. 2002 sent to all HODs to submit their detailed proposals for further action.</p> <p>The decision of the BOG was communicated to Coordinator, ISC for implementation.</p>


07 JAN 2003


3.2.1	Award of degrees/diplomas to the students who have qualified for the award of degrees / diplomas in various disciplines/ courses as recommended by the Senate.	As approved by the Board, the degrees/diplomas to the students who have qualified for the award of degrees/diplomas in various disciplines/ courses awarded to the students on the occasion of the 2nd Annual Convocation of the Institute.
3.2.2	Award of Doctor of Social Sciences (Honoris Causa) to be conferred on Dr. Amartya Sen (Nobel Laureate) on the occasion of the 2 nd Annual Convocation on 24 th November 2002 as recommended by the Senate.	The proposal was dropped.
3.2.3	Proposal to start a modular M.Tech. (Process Integration) programme for industry sponsored candidates in Chemical Engineering Department as recommended by the Senate.	As per the decision taken by the BOG, the proposal to start a modular M. Tech. (Process Integration) programme for industry sponsored candidates was forwarded to MHRD for specific approval.
3.2.4	Proposals for increasing the intake in M.Tech./ M.Sc. Programmes run by AHEC, Earthquake Engg., Hydrology, E&CE and Earth Sciences Departments	The decision of the BOG was communicated to the all concerned for implementation vide letter No. ACD/252/PG-20 dated 10 th December 2002.
3.2.5	Proposals for starting new Masters Degree Programmes (two years duration) as recommended by the Senate.	<p>1. As per the decision taken by the BOG, letter No. Acd/253/PG-20 dated 10.12.2002 has been sent to the concerned Heads of the Departments for sending the revised proposal to start new Masters Degree Programmes (two years duration).</p> <p>2. Letter No. Acd/256/PG-20 dated 12.12.2002 has also been sent to Prof. & Head, Earthquake Engg. and Chemistry Department to phase out the under-mentioned courses:</p> <p>A. Earthquake Engg. Deptt. PG Diploma/M.Tech. (Extension Programmes)</p> <p>1. Earthquake Engineering 2. Earthquake Technology</p>


17 JAN 2003


		B. Chemistry Department M. Phil. (Industrial Methods of Chemical Analysis)
3.2.6	Introduction of Dual Degree Programmes (05 years) at UG/PG levels.	As per the decision taken by the BOG, the revised proposal was placed before the Chairman, BOG. The Chairman had approved the same, which was reported to the BOG as item No. 4.3.1 (14).
3.2.7	Enhancement of student intake in various UG programmes as recommended by the Senate.	The decision of the BOG was communicated to all HODs vide letter No. Acd/2311/UG-07 dated 23.11.2002 for implementation.
3.3.1	Proposal for Mapping of the Academic and Non Academic Staff of the erstwhile University of Roorkee on to the Pay Scales and Designations of the Indian Institutes of Technology.	The proposal for mapping of the Academic and Non Academic Staff of the erstwhile University of Roorkee on to the pay scale and designations of the Indian Institute of Technology is being implemented, as approved by the BOG.
3.3.2	First Statutes of IIT Roorkee.	As recommended by the BOG, the First Statutes of the IIT Roorkee were sent to MHRD vide letter No. IITR/MS/Statutes/142 dated 14.11.2002 for specific approval
3.3.3	New House Allotment Rules of IIT Roorkee.	As approved by the BOG, the New House Allotment Rules were circulated to all concerned vide Institute Order No. 14/2002 dated 9.12.2002 for implementation.
3.3.4	Policy regarding visits of Professors/ Scientists from foreign Universities/ Institutes.	As per the decision taken by the BOG, letter No. Estt(A)/7398/E dated 18.12.2002 has been sent to all IITs for providing the information.
3.3.5	Waiver of application fee for recruitment of Faculty and other Academic Staff.	Noted.
3.3.6	Re-classification of posts in the Institute.	This item was withdrawn.
3.3.7	Formulation of the Recruitment procedure for the Institute.	As per the decision taken by the BOG, the Guidelines for Recruitment procedure for the Institute are under formulation.
3.3.8	First Statutes of IIT Roorkee.	This item refers to item No. 3.3.2
3.3.9	New House Allotment Rules of IIT Roorkee.	This item refers to item No. 3.3.3.


07 JAN 2003


3.3.10	Revision of Half-Time Assistantships for Ph.D. Scholars.	The decision of the BOG was circulated to all concerned vide Notification No. Acd/2402/PG-51 (Notification) dated 18.11.2002 for implementation.
3.3.11	Granting incentive to Group 'C' Ministerial/ Technical Staff who volunteer to work in the Departmental Libraries.	The decision of the BOG has been circulated to all HODs/Centres vide Notification No. Estt(B)/01/E-5526 dated 1.1.2003 for implementation
3.3.12	Recommendations of the committee of the Directors of IIT Delhi, IIT Roorkee, IIT Kanpur & TIET, Patiala and other regarding initiation of the scheme "N.C.Nigam Distinguished Visiting Professorship".	As approved by the BOG, the recommendations of the Committee are being processed for implementation.
3.4.1	Revision of pay scale of Rs. 5500-9000 (Rs. 1640- 2900) of Assistants/ Sr. Stenographers, UDC (SG).	This item was withdrawn as it refers to item No. 3.3.1.
3.4.2	Revision of pay scale of Technical Assistants from Rs. 1400-2600 (Rs.5000-9000) to Rs. 5500-9000 (Rs.1640- 2900).	The matter is being re-processed as per directives, received from the MHRD.
3.4.3	Issue of allowing the benefit of time scale to the staff appointed in various Research Schemes/ Projects.	This item was not approved.
3.4.4	Counting of past service rendered in other Govt. Organizations (Central/ States) for pensionary benefits by IIT Roorkee.	Noted. Cases are being processed as per Govt. of India Rules.
3.4.5	Issue of naming the students Hostel of Department of Paper Technology (DPT), Saharanpur Campus, and IIT Roorkee.	This item was deferred.
3.4.6	Recognition of IITR Employees Union constituted in the context of IIT System.	As per the decision taken by the BOG, the revised guidelines for the functioning of the IITR Roorkee Employees Union is being prepared. The same will be placed before the BOG in the next meeting.
3.4.7	Grant of stagnation increments to the Academic / Non Academic staff of this Institute.	As approved by the BOG, grant of stagnation increments to the Academic/ Non Academic staff of this Institute is being implemented w.e.f. 21 st Sept. 2001.
3.4.8	Filling the post of Lab. Assistant (Boiler) and Senior Attendant (Boiler) to operate the steam boiler in the Department of Chemical Engineering.	As per the decision taken by the BOG, the advertisement for the post of Lab. Assistant (Boiler) on contract will be issued shortly.


07 JAN 2003

3.5.1	To report the decisions/ actions taken by the Chairman on behalf of the Board of Governors.	The Board ratified the approvals accorded by the Chairman, BOG on behalf of the Board.
3.5.2	To report certain matters for the information of the Board of Governors.	Noted.
II. STATUS OF PENDING ACTIONS OF THE MEETING OF THE BOG : MEETING DATED 30.3.2002:		
A4	<u>SECOND PART:</u> MHRD be requested to enhance the number of assistantships in each programme, for the students who are admitted with GATE qualification.	A request was sent to MHRD vide letter No. Acd/290/PG-19 dated 31.5.2002 to enhance the number of assistantships in each programme, for the students who were admitted with the GATE qualification. The reply of the MHRD is awaited.
C1	Enhancement of the Group Insurance Scheme Cover.	A letter No. A/Funds/GIS/6949 dated May 7, 2002 was sent to Sr. Divisional Manager, L.I.C., Lucknow for confirmation on the premium. Subsequently, reminder Nos. A/Funds/GIS/6956 dated 30.4.2002, E-mail dated 20.8.2002 and A/Funds/GIS/ 7108 dated 24.8.2002 were sent to the LIC. In response to our above-mentioned letter, a query was raised by the LIC vide letter dated 25.11.2002. A letter has been sent to the LIC vide letter No. A/Funds/GIS dated 11.12.2002, seeking clarification on the query raised by the LIC.
C2	Issue of promotions of Non-Teaching staff due on 01.07.2001 under the relevant regulations of the erstwhile UOR.	Promotions for the post of Office Superintendent, Internal Auditor, Senior Technical Assistant in IIC, Lab. Technician in Earthquake Engg. Deptt. and P. T. in Chemical Engg. Deptt. due on 01.07.2001 under the relevant regulations of the erstwhile UOR have been made and others are under process.
C4	Requests of Dr. Bharat Singh, Former Vice-Chancellor, University of Roorkee and Dr. C. P. Gupta, Former Pro-Vice-Chancellor, University of Roorkee to permit them to change their option from CPF to Pension.	The cases of Dr. Bharat Singh, Former Vice-Chancellor and Dr. C.P.Gupta, former Pro-Vice-Chancellor were referred to MHRD with full details and justification vide letter No. Estt(A)/3052/E-(Pension Option) dated 20.5.2002 for consideration. A query was raised by the MHRD, vide F.No.5-3/2001-TS.I dated 12.08.2002. A letter


07 JAN 2003

		has been sent to the U.P. Government on 16 th September 2002, seeking clarification on the query raised by the MHRD.
C7	Granting the benefit of Selection Grade/ Promotional Time Scales to the employees of the IIT Roorkee after 21.9.2001, the date of conversion of the University of Roorkee, into IIT Roorkee.	The matter will be taken up, once the proposals for mapping are approved and implemented.
C8	Investment of Funds in the Corporate Liquid Term Deposit Scheme of State Bank of India.	Letter No. A/Funds/CLTD/ 6963 dated May 13, 2002 was sent to Chief Manager, SBI, and IITR regarding Investment of Funds in to the Corporate Liquid Term Deposit Scheme. After receipt of consent from the SBI, IITR, the main account No. 18601 was converted into a current account for the operation of the CLTD scheme, on trial basis.
C17	Creation of certain essential Non-Academic / Academic posts in Groups A, B, C and D respectively.	A letter was sent to all Heads of the Departments/Centres/Units for sending the required information for onward transmission with the MHRD for specific approval of each post. A reminder dated 17.09.2002 was sent to Heads of Departments/Centres from whom the information is still awaited.
MEETING DATED 29.6.2002		
2.4.1	Issue of regularization of staff, presently working against Syndicate created positions.	As per decision taken by the Board, a committee comprising Director, IITR, Mr. V. K. Pipersenia, Financial Advisor, MHRD and Mr. Pawan Agarwal, Director, MHRD was constituted to examine the issue of regularization of Syndicate created posts and taking necessary decisions in the matter for implementation. The case is being processed and shall be placed before the Board in the next meeting.
2.4.9	Recommendations of the Committee approved by the Director regarding purchase made by certain Departments from M/S Universal Refrigeration Corporation, Faridabad.	The matter was referred to Chief Vigilance Officer of the Institute vide O.M. No.IITR/Ldegal/2092/Univ. Ref. Dated 19.8.2002 for holding necessary inquiry. The report of the Committee is awaited.


 2002 NOV 20

Item No. 4.1.3

To receive a report from the Director on the significant developments/ issues since the last meeting of the Board held on 28.9.2002

Presenting the report, the Director in his report highlighted the significant developments/ issues of the Institute with special reference to (a) Annual Convocation (b) Visit to various departments of the Institute (c) Faculty (d) New Committees (e) Placement (f) Budget (g) MoU with KTH Sweden (h) Research and Development (i) Consultancy & Extension (j) Events Organised (k) Seminar & other Academic Events (l) Library (m) Student Activities (n) Important visitors to the Institute (n) Annual Report of the Institute and other activities.


Item No. 4.2.1

To consider execution of lease deed in respect of Plot No. 20 in Knowledge Park-II, Greater Noida allotted to IITR by Greater Noida Industrial Development Authority.

The Director briefed the Board that 40,470 sq. meter of land was given to IIT Roorkee by the U.P. Govt. free of cost in Knowledge Park-II at Greater Noida in order to develop a satellite campus for distance learning and other such programmes. Now, a lease deed for the said plot is required to be executed. The Finance Committee had considered this issue earlier in the day and had recommended the same. After a lengthy discussion, the Board approved the budgetary provision of Rs. 1,40,00,000/- as recommended by the Finance Committee for the purpose.

RESOLUTION NO. BG/92/2002: RESOLVED THAT a budgetary provision of Rs. 1,40,00,000/- to meet the expenses for execution of lease deed etc.in respect of Plot No. 20 in Knowledge Park-II, Greater Noida allotted to IITR by Greater Noida Industrial Development Authority be approved, as under:-

- (a) Rs. 15.00 lac to pay the difference, if any, in the actual cost of the plot to be determined after physical measurement of the area and the Rs.3,12,64,000/- already credited by the UP Govt. to the Greater Noida Industrial Development Authority (GNIDA), towards the cost of the plot.
- (b) Rs. 90.00 lacs towards lease rent @ 27.5% of the actual cost of the plot.


07 JAN 2003

(c) Rs. 35.00 lacs towards Stamp Duty @ 8% of the cost of the plot and lease rent, taken together.

FURTHER RESOLVED that Lt. Col. (Retd) Anil Kumar Srivastava, Registrar, IIT Roorkee is authorised to execute the lease deed on behalf of the Institute in respect of Plot No. 20 in Knowledge Park II allotted to the Institute by Greater Noida Industrial Development Authority, Gautam Budh Nagar, Uttar Pradesh.

Item No. 4.2.2 To consider the modified draft MoU as devised by Integrated Finance Division (IFD) of the MHRD , to be entered between IITs and MHRD, Govt. of India.


The Director briefed the Board about the draft MoU as devised by Integrated Finance Division (IFD) of the MHRD and highlighted the salient features of the MoU. After deliberation, the Board approved the same.

RESOLUTION NO. BG/93/2002: RESOLVED THAT the modified draft MoU as devised by Integrated Finance Division (IFD) of the MHRD, to be entered between IITs and MHRD, Govt. of India as given at **Appendix 'A'**, be approved. The MoU be forwarded to the MHRD for specific approval.

Item No. 4.2.3 To consider the grant of financial assistance to Research Scholars/ Students presenting papers in International Conference abroad

The Director briefed the Board that at present, there is no provision of grant of financial assistance for participation of Research Scholars/ Students to present their papers in International Conferences abroad. This Institute has been unable to meet such expenses due to absence of a policy on this issue. The Finance Committee had considered this issue earlier in the day and had recommended that the issue be not accepted. The Board also approved the recommendations of the Finance Committee.

RESOLUTION NO. BG/94/2002: RESOLVED THAT the proposal to grant financial assistance to Research Scholars/ Students presenting papers in International Conference abroad be not accepted. Further, the Board suggested that the funding for participation of Research Scholars/ Students to present their papers


EDM% NVC 40


in International Conferences abroad could be explored from Department of Science & Technology (DST) and CSIR.

Item No. 4.2.4: To consider restructuring of the Centre for Continuing Education:

The Director briefed the Board about the proposal on restructuring of the Centre for Continuing Education and highlighted the salient features of the proposal. After due deliberation, the Board approved the proposal.

RESOLUTION NO. BG/95/2002: RESOLVED THAT the under-mentioned proposal on restructuring of the Centre for Continuing Education be approved:

1. The existing Professor & Head of the Centre for Continuing Education, Dr. Kuldip Singh, be relocated in the Department of Electronics & Computer Engineering as a Professor of Computer Engineering. He will carry with him his present post of Professor over and above the existing sanctioned strength of the Department of Electronics & Computer Engineering.
2. Dr. M.Perumal, who has been Associate Professor in the Centre for Continuing Education, be relocated in the Department of Hydrology as an Associate Professor. He will carry with him his present post of Associate Professor over and above the existing sanctioned strength of the Hydrology Department.
3. The Centre for Continuing Education be headed by a Coordinator who will be appointed by the Director for a fixed tenure like all other Heads of the Departments. The Coordinator will work on a part-time basis in the Centre for Continuing Education.
4. The Centre for Continuing Education will operate in the Consultancy mode, and shall facilitate the conduct of training programmes by various Departments, in this mode.
5. The rules and policy for remuneration will be decided by the Board (SRIC).
6. The functioning of the Centre for Continuing Education will be managed by an Advisory Committee appointed by the Director.


07 JAN 2003

Item No. 4.2.5 **To consider the introduction of the concept of Joint Professors so as to increase inter departmental research activities in the Institute:**

This item was postponed.

Item No. 4.2.6 **Payment of arrears of stagnation increments to the Academic Staff.**

This item was considered by the Finance Committee earlier in the day and recommended that the admissibility of stagnation increments to the Academic Staff be implemented only w.e.f. 21st Sept. 2001 i.e. the date of the conversion of the erstwhile University of Roorkee into an IIT. The Board also approved the same.

RESOLUTION NO. BG/96/2002: RESOLVED THAT the admissibility of stagnation increments to the Academic Staff be implemented only w.e.f. 21st Sept. 2001 i.e. the date of the conversion of the erstwhile University of Roorkee into an IIT.

Item No. 4.2.7 **To consider the proposal for the revision of honorarium for full time Para- Medical Staff on Work Purchase:**


This item was postponed.

Item No. 4.2.8 **To consider the award of M.Phil/ M.Tech. and Ph.D. degrees which has been approved by the Director on behalf of the Senate subsequent to the last meeting of the Senate:**

The Board approved the award of M.Phil/ M.Tech. and Ph.D. degrees which were approved by the Director on behalf of the Senate subsequent to the last meeting of the Senate.

RESOLUTION NO. BG/97/2002: RESOLVED THAT the award of M.Phil/ M.Tech. and Ph.D. degrees which were approved by the Director on behalf of the Senate subsequent to the last meeting of the Senate, be approved as per number indicated below:

Sl. No.	Degree	Number
1.	(a) M.Phil.	06
	(b) M.Tech.	07
2.	Ph.D.	22
	Total	35


07 JAN 2003

Item No. 4.2.9

To consider a proposal for the purchase and installation of High Capacity Generators for standby power for Departments and Hostels.

The Director apprised the Board that there is a need to purchase and installation of High Capacity Generators for standby power for Departments and Hostels. The Finance Committee also considered the issue earlier in the day and it was recommended that the proposal to purchase and installation of High Capacity Generators for standby power for Departments and Hostels be approved. After due deliberation, the Board approved the same.

RESOLUTION NO. BG/98/2002: RESOLVED THAT the proposal for the purchase and installation of High Capacity Generators for standby power for Departments and Hostels be approved. This may be implemented in two phases, as under:

Phase -I: The facility be provided to the Departments and essential services such as Hospital, Library, Main Building etc.

Phase- II: The facility be extended to the Hostels and Messes.

The expenditure would be as under:

(a) 1500 KVA Generator Set	Rs. 108 lacs
(b) Laying of power lines for Phase I	Rs. 128 lacs
(c) Laying of power lines for Phase II	Rs. 150 lacs


Total	Rs. 386 lacs

The expenditure of Rs. 386 lacs to this effect be met out from the plan grant of the Institute during the current financial year. Further, the Board suggested that the Institute may explore outsourcing for operation and maintenance of the Generators.

Item No. 4.2.10

To consider the proposal for procurement of Central Nuclear Magnetic Resonance (NMR) facility at IIT Roorkee:

The Director apprised the Board that for the use of Research students and faculty members of the Institute for elucidation of structure of newly synthesized organic compounds, there is a need of a Central NMR facility at the Institute. After discussing pros and cons of the proposal, the Board came to the conclusion that a committee be constituted to re-examine the proposal thoroughly.


07 JAN 2003

RESOLUTION NO. BG/99/2002: RESOLVED THAT the under – mentioned committee be constituted to examine the proposal thoroughly and recommend an appropriate machine keeping in mind the factor of obsolescence in respect of the machine finally short listed for purchase.

1. Prof. Girijesh Govil - Chairman
Department of Chemical Science
Tata Institute of Fundamental Research
Homi Bhabha Road, Mumbai 400 005
2. Prof. C.L.Khetrapal - Member
Distinguished Professor
Centre for Biomedical Magnetic Resonance
Sanjay Gandhi PGIMS,
Rai Bareilly Road
Lucknow – 226 014
3. Heads of the user Departments - Member
(Chemistry, Physics, Biotechnology
and Metallurgical & Materials Engg.)

Item No. 4.2.11. To consider the recommendations of Board, SRIC in its meeting held on 11th November, 2002 regarding admissibility and amounts of field allowance payable to the employees of the Institute who are sent for field work connected with Sponsored Research and Consultancy Projects:

This item was withdrawn.


Item No. 4.2.12: To consider the recommendations of Board, SRIC in its meetings held on 29th July, 2002 and 11th November, 2002 and Senate meeting held on 18th September, 2002, regarding the Rules for Sponsored Research Projects:

This item was postponed.

Item No. 4.2.13 To consider the Annual Report on the working of the Indian Institute of Technology Roorkee for the year 2001-2002

The Board approved the Annual Report on the working of the Indian Institute of Technology Roorkee for the year 2001-2002.

RESOLUTION NO. BG/100/2002: RESOLVED THAT the Annual Report on the working of the Indian Institute of Technology Roorkee for the year 2001-2002 (1.4.2001 to 31.3.2002) as per Booklet enclosed with the agenda note, be approved.


07 JAN 2003

Item No. 4.2.14


To consider according Administrative approval and Expenditure Sanction for the estimates submitted by C.P.W.D. and recommended by the Building & Works Committee (B&WC) for various works to be executed in IIT Roorkee.

The issue was considered by the Finance Committee earlier in the day and the Finance Committee decided that the preliminary estimates submitted by the C.P.W.D. and recommended by the Building & Works Committee be approved with some changes. The Board also approved the recommendations of the Finance Committee.

RESOLUTION NO. BG/101/2002: RESOLVED THAT the administrative approval and Expenditure Sanction for the estimates submitted by C.P.W.D. and recommended by the B&WC for various works to be executed in IIT Roorkee at serial Nos. 3, 4, and 5 of the under-mentioned table as given at **Appendices 'B' to 'F'**, be approved :

Name of work	Estimated cost Rs. in lacs
1. Construction of a 1000 seats Auditorium Building plus two Conference Halls (100 and 200 seats capacity) with Air-conditioning.	1500
2. Construction of a Library Building for 5000 users.	1200
3. Construction of a 30 suite (20 single + 10 double) Guest House.	235
4. Construction of 28 numbers Multi-storied Faculty Residences.	521
5. Construction of Faculty Lounge.	348

Further, the Board desired that the preliminary estimates submitted by the C.P.W.D. and recommended by the B&WC in respect of serial Nos. 1 and 2 above be approved in principle. Detailed presentation along with the plan etc. in respect of serial Nos. 1 and 2 above be made before the Board of Governors in the next meeting.


07 JAN 2003

Item No. 4.2.15

To consider according administrative approval and expenditure sanction for the construction of a 2.0 m high boundary wall and high gate on the land to be acquired by the Institute in the Knowledge Park-II at Greater Noida.

The Director apprised to the Board that the Institute intends to construct a 2.0 m high boundary wall and a high gate with guard room on the plot given by the UP Govt. to IIT Roorkee free of cost in order to develop a satellite campus for distance learning and other such programmes. The issue was considered by the Finance Committee earlier in the day and it was decided that the proposal be approved. After discussion, the Board also approved the same.

RESOLUTION NO. BG/102/2002: RESOLVED THAT administrative approval and expenditure sanction for the under-mentioned estimate for construction of a 2.0 m high boundary wall and high gate with guard room on the land to be acquired by the Institute in the Knowledge Park-II at Greater Noida be approved from the Plan Grant.


1. Construction of 2.0 m high boundary wall 1000 R.M. @ Rs. 2000/- per R.M.	Rs.20.00 lacs
2. Construction of High Gate with Guard Room	Rs. 5.00 lacs
Total	Rs.25.00 lacs

Item No. 4.2.16

To consider the site for Construction of the New Library Building for the Institute as recommended by B&WC.

After discussion, the Board approved the site for Construction of the New Library Building for the Institute as recommended by B&WC.

RESOLUTION NO.BG/103/2002:RESOLVED THAT the freezing of the site indicated in red and green in **Appendix- 'G'** and also demolition of the under-mentioned, existing very old building, for construction of New Library Building, be approved.


07 JAN 2003

- (a) 52/1, 52/2, 53/1, 53/2 Amod Path.
(b) 64/1, 64/2 Ravindra Lok
(c) 65/1 to 65/6 Ravindra Lok Barracks
(d) 64/1 to 64/7, 65/1 to 65/5 Gora Barracks
- } For New Library Building

Depot Battalion

- (a) 1/1 to 1/7, 2/1 to 2/8, 7/3 & 7/4,
8/3 & 8/4, 9/1 to 9/4, 10/1 to 10/4
- } For Auditorium complex


Item No. 4.3.1

To report the actions/ decisions taken by the Chairman, Board of Governors on behalf of the BOG:


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

RESOLUTION NO. BG/104/2002: RESOLVED THAT the approvals accorded by the Chairman, BOG on behalf of the Board, in the matters listed below, be ratified:

1. To invite Dr. K.B.Misra, Professor, Reliability Engineering Centre, IIT Kharagpur to spend the spring semester 2002-2003 with IITR, Deptt. of Electrical Engineering during Sabbatical Leave from IIT Kharagpur w.e.f. 01st January 2003 .
2. To relieve Dr. Subhash Mitra from the post of Assistant Professor in Centre for Continuing Education to join his parent Department (Irrigation Deptt., U.P. Govt.) w.e.f. 21.10.2002 (AN).
3. To convert one year E.O.L. as one year leave on deputation for Dr. Ajay Gairola of Department of Civil Engineering to join AICTE as Deputy Director alongwith acceptance of the deputation terms and conditions of AICTE, New Delhi.
4. Appointment of Dr. Ashwani Kumar Sharma as Assistant Professor and Dr. Munawwar Ali Khan as Lecturer on Contract for one year in the Department of Biotechnology.
5. Recommendation of the Institute Selection Committee for not recommending the name of Dr. H.S. Dhaliwal for appointment as Professor on Contract in the Department of Biotechnology on behalf of the Board of Governors.
6. Appointment of Dr. V.K. Verma as Visiting Professor in the Deptt. of Electrical Engg. w.e.f. 1.7.2002 to 31.12.2002.


07 JAN 2003

7. Appointments of Mr. Ashutosh Joshi, Mr. P.S. Chani and Mrs. Mahua Mukherjee as Lecturer on Contract for one year in the Deptt. of Architecture & Planning.
8. Appointments of Dr. Neel Madhav, Dr. M. Satpathy and Dr. M.V. Kartikeyan as Associate Professor on Contract for one year in the Deptt. of Electronics & Computer Engineering.
9. Request of Dr. P.N. Godbole, Retd. Professor, Civil Engineering Department and presently Emeritus Fellow (AICTE), Deptt. of Applied Mechanics, Visvesvaraya National Institute of Technology, Nagpur to join the position of Emeritus Fellow in the Department of Civil Engineering, IIT Roorkee by 01st January 2003.
10. Appointment of Dr. K.M. Mital as Professor (on Contract/Deputation) for one year in the Deptt. of Management Studies.
11. To inform Dr. Dewal as under:-
 - (a) The Institute does not intend to hold any enquiry against him in the impugned issue.
 - (b) His pay has been fixed provisionally at Rs.12000/- p.m., which can be reviewed after he rejoins, depending upon the nature of his service/scale prior to and after 1.1.1996.
 - (c) 03 months joining time is allowed to him from the date of issue of the letter, which will not be extended.
 - (d) EOL can only be given when he re-joins, which is as per rules of EOL.
 - (e) The issue of House Allotment is sub-judice, hence no action can be taken on his request.
 - (f) His rejoining the Electrical Engineering Department stands approved.
12. Admissibility of various Allowances w.e.f. 21st Sept. 2001.


07 JAN 2003

13. To approve the panel of Board Nominees for the constitution of selection committee for faculty and non-teaching Group 'A' positions on behalf of the Board of Governors in respect of the following Departments/Centres. Details as given in the agenda note.

- (a) W.R.D.T.C.
- (b) Humanities & Social Sciences
- (c) Industrial Design
- (d) Central Library
- (e) Computer Centre
- (f) Construction Division
- (g) Institute Instrumentation Centre
- (h) Sports Association
- (i) Administrative posts
- (j) Institute Hospital

14. To approve reiterated proposals on Introducing Dual Degree Programmes (5 years) in the Departments of Chemical Engineering and Electronics & Computer Engineering.

Item No. 4.3.2: To report certain matters for the Information of the Board of Governors.

The Board took note of the same.


RESOLUTION NO. BG/105/2002: RESOLVED THAT the matters, as listed below, be noted and recorded:

(a) **The following faculty members have been brought on the regular cadre on completion of their probation period.**

Sl. No.	Name	Designation	Department	Date
1.	Dr. Pramod Kumar	Asstt. Professor	Civil Engg.	21.8.2002
2.	Dr. Akhil Upadhyay	Asstt. Professor	Civil Engg.	21.9.2002
3.	Dr. Deepak Khare	Assoc. Professor	W.R.D.T.C.	21.9.2002
4.	Dr. Ram Pal Singh	Professor	W.R.D.T.C.	15.9.2002
5.	Dr. B.K. Gandhi	Asstt. Professor	Mech. & Indl. Engg.	17.8.2002
6.	Dr. M.L. Kansal	Assoc. Professor	W.R.D.T.C.	1.8.2002
7.	Dr. Nayan Sharma	Professor	W.R.D.T.C.	25.6.2002

(b) **Dr. Jatinder Pal Singh, Professor, Department of Management Studies has been brought on regular cadre w.e.f. 4th July 2002.**

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


07 JAN 2003

Draft
25 Oct 2002

Memorandum of Understanding for the year _____

Between

Department of Secondary & Higher Education
(MHRD)

And

Indian Institute of Technology Roorkee, Roorkee

Preamble

The parties/ partners of this memorandum

- are united in the aim of promoting technological excellence in the country, and whereas
- they recognize that strengthening of this aim is in the interest of the Institute and the country and whereas
- they are aware of the different structures of higher education in this country and particularly in IITs and the need to preserve IIT's character as an Institute of national importance.


Part - I

A. Mission Statement

Build on the glorious traditions of the past 150 years of service to the nation and pursue the goal of remaining one of the leading centres of teaching, research and extension in Engineering and Technology through total commitment to excellence in every endeavour. Preserve the tradition of instilling our students with the strength of character, self confidence, and leadership in engineering management.

Broad Goals

- ❖ Having flexibility in intake, courses and programmes; raising student strength from its present sub-optimal levels; admitting foreign students on a regular basis; running sponsored postgraduate and continuing education programmes for the industry; offering international programmes and having a periodic review of all academic programmes.

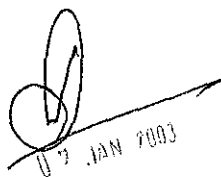

07 JAN 2003

Pervasive use of multi-media and educational technologies in academic programmes. Phasing out obsolete programmes as new programmes are initiated in emerging areas.

- ❖ Making research and consultancy relevant to changing times by continually embarking on new interdisciplinary areas by carrying out extension activities, by establishing meaningful interaction with industry, and government organisations.
- ❖ Encouraging exchange of faculty and students and entering into MoUs with foreign/ Indian Universities and research establishments, and participating in Government activities in strategic sectors/ rural development etc. for mutual benefit and progress.
- ❖ Improving the infrastructure, administrative set-up and resource base by enhancement of quality of staff and optimising its strength by global search to attract and retain outstanding faculty, by establishing academic/ research chairs, and by reducing staff strength through automation, student involvement, and placement of some of the Institute services on contract.

B. Objectives:

- ☆ Making engineering and science teaching programs dynamic, interactive, effective and comparable to world standards.
- ☆ Providing the best curriculum and facilities for post-graduate studies and research.
- ☆ Assuming a leadership role in the formulation of national policies in technical education and development besides curriculum planning.
- ☆ Fostering effective and innovative research, extension and consultancy.
- ☆ Forging effective linkages and alliances with industry, government, and other educational and research institutions.
- ☆ Developing instructional resource material and continuing education programmes in audio-visual, the video and the e-modes.
- ☆ Developing manpower with overall improved personality and efficiency dedicated to nation building.


07 JAN 2003

C. Commitments

Research and Development

Whereas the Institute recognizes that the process of development have to relate continuously to:

- significant and notable changes that are taking place in the socio-economic development of the country; and
- rapidly exploding sphere of knowledge in science and technology

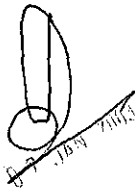
and for that purpose, the Institute has:

- to survive on specialization work increasingly in front line areas that may transcend disciplines;
- to have a perception and a value system appropriate to the pursuit of high engineering science to meet the needs of the society;
- to programme its activities into emerging technological needs with a futuristic outlook;
- to accept extension and public service as a third dimension to their role in addition to education and research.
- to attain a stature that enables it to provide leadership with credibility. The faculty would act as the **think-tank** for higher technological education;
- to aim at preparing creative engineers, innovative thinkers and engineer entrepreneurs;
- to develop a special nexus with rural development mainly by way of involvement in technology- based solutions for problems in rural areas;
- to maintain and foster interactive linkage with leading technological institutions and centres of research in India and abroad.

Physical and financial targets

(a) Increase in enrolment

UG: As approved by Senate in its meeting held on 18/24 Sep 2002 the intake is to be enhanced with effect from the academic year 2003-04, as summarized below.



07.09.2003

Table – I: Summary of under graduate intake

Branch	Present Sanctioned Strength (Total)	Proposed Increase in intake (2003-04) *
B.Arch.	35	50
B.Tech. Chem.	35	35#
B.Tech. Civil	60	75
B.Tech. CSE	30	30#
B.Tech. Elect.	60	75
B.Tech. E&C	35	35#
B.Tech. Indl.	20	30
B.Tech. Mech.	40	50
B.Tech. Mett.	45	60
B.Tech. P&P	30	50
Total	390	490

- This will also help to compensate the possibility of reduced intake due to unfilled seats.
- # No increase.

PG: The intake in PG will be increased in accordance with the admission in new programmes and also by increasing the number of existing seats in certain programmes.

Increase in intake in the existing Masters Degree Programmes in AHEC, Earthquake Engineering, E&C Engineering and Earth Sciences Department, as per details given below:

<i>Programme</i>	<i>Existing Seats</i>	<i>Proposed intake</i>
i) M.Tech. AHES	14	16
ii) M.Tech. RF & Microwave Engg.	06	16
iii) M.Tech. Semi-conductor devices & VLSI Technology	06	16
iv) M.Tech. Structural Dynamics	12	32
v) M.Sc. Applied Geology	12	32

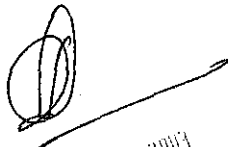
Ph.D.: It is estimated that approximately one hundred (100) students would be admitted afresh.

(b) Recruitment

Recruitment on faculty and non-faculty positions as per requirements.

(c) Linkages

- Signing of MoUs with Universities / research institution in India and abroad.
- Promoting exchange of students and staff.


07 JAN 2003

(d) **New Courses**

• **Masters Programmes**

i) **Modular M.Tech. (Process Integration)**

A three year part time modular M.Tech. (Process Integration) programme in the Department of Chemical Engineering for industry sponsored candidates in association with EIL, New Delhi and the Department of Process Integration, UMIST, UK, with an intake of 10 sponsored candidates initially.

A tri-partite MoU is being prepared.

ii) **M.Tech. (Corrosion Engineering)**

in the Department of Metallurgical & Materials Engineering

iii) **M.Tech. (Advanced Chemical Analysis)**

in the Department of Chemistry

• **Dual Degree Programmes (5 years): B.Tech. & M.Tech. (specialized)**

	<i>Main Discipline (B.Tech)</i>	<i>Specialization (M.Tech)</i>	<i>Intake</i>
i)	Chemical Engg.	Hydrocarbon Engg.	15
ii)	Elec. & Comn. Engg.	Wireless Comn.	10
iii)	Comp. Sc. & Engg.	Information Technology	10

(e) **Phasing Out**


Following programmes will be phased out

- i) PG Diploma, Earthquake Engineering, and
- ii) PG Diploma, Earthquake Technology
in the Department of Earthquake Engineering
- iii) Institute Diploma, Pulp & Paper, and
- iv) Institute Diploma, Process Instrumentation
in the Department of Paper Technology
- v) M.Phil. (Industrial Methods of Chemical Analysis)
in the Department of Chemistry

(f) **Increase in Volume of Output**

(larger enrolment, greater no. of research etc.)

- Due to increase in the number of enrolment in UG, PG and Ph.D. programmes, increase in the duration of M.Tech. programmes from 3


07 JAN 2003

to 4 semesters, and admissions in new programmes the number of students getting degree at different levels would be increased effectively after the session 2003-04.

- With increasing number of admission in Ph.D. programmes, the performance and volume of research output would be increased quantitatively in terms of number of papers published, presented in conference/ symposia and number of Ph.D. awarded.
- To achieve an estimated 30% increase in the number of papers published in refereed journals and presented in conference/ symposia.
- Intensification of *on-campus* recruitment activity to better the records of 343 placements of previous year.

(g) Enhancement/ improvement in infrastructure

(i) Building and works

- Renovation and extension of academic departments and administrative buildings, hostels and residential buildings covering nearly 27,300 sq.m.

This includes completion of new buildings of the Department of Management Studies (3500 sq.m), Survey Lab (900 sq.m) and Doctors' residences (750 sq.m), extension of departments of Paper Technology (900 sq.m), Chemical Engineering (800 sq.m), WRDTC, Biosciences, Electrical Engineering, E&C Engineering (1500 sq.m), Centre for Continuing Education (500 sq.m).

- Addition of about 400 seats in boys' hostel and 50 seats in girls' hostel.
- Premix carpeting of 30,000 sq.mt. of roads.
- Laying of 11kV underground cable, 5000 metre long, as replacement of overhead line.

(ii) Internet Services

- Campus wide networking by providing at least 600 new I/Os providing connectivity to all the faculty members and laboratories.

This includes 25 nodes at each of the 9 hostels, 100 nodes at the new building of Department of Management Studies, 275 more nodes at Computer Centre, Library, and other academic departments.



07 JAN 2003

- Bandwidth of internet is to be increased from existing 128 Kbps to at least 512 Kbps.
- A shared leased line of 2 Mbps or more from BSNL.
- To provide PCs and internet access to each of the faculty members.
- Installation of TREND Antivirus software.
- To provide Fibre/ Wireless link between IITR campuses of Roorkee and Saharanpur.

(iii) Library

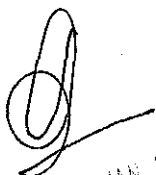
- Procurement of 10,000 new books.
- Procurement of 5,000 back volumes of foreign journals.
- Launching of the full Library catalog on Internet and Intranet.
- Development of e-Journal Base of, initially, 2000 foreign journals.
- Enabling 60,000 book catalog of Departmental Libraries and 40,000 of periodical section, complete book loan record to be accessible on Internet.
- Development of digitised record of about 50 historical documents of 19th century, in possession of the library.

(iv) Other Infrastructural Facilities

- Setting up of a national facility on *Geochronology and Isotope Geology* with the new generation of *Thermal Ionization Mass Spectrometer*.
- Improvement in classroom ambience
- Establishment of Institute Museum

(i) **Financial Targets**

- Procurement of modern equipment and removal of obsolescence with an estimated expenditure of about Rs 9.00 crore.
- Modernization of offices by providing automation equipment with an estimated expenditure of Rs 1.00 crore.


07 JAN 2003

- Upgradation of computing facilities with an estimated expenditure of Rs 4.50 crore.
- Upgradation of networking and multimedia facilities with an estimated expenditure of Rs 4.50 crore.
- Strengthening of library with an estimated expenditure of Rs 3.00 crore.
- Renovation and extension of buildings, including support services, pertaining to academic and administrative units, residences, hostels, guest house and laboratories with an estimated expenditure of Rs 15.00 crore.

(j) Internal Resource Generation

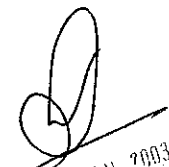
- To achieve an estimated 40% increase in consultancy and sponsored research projects in terms of yearly outlay.
- New initiatives are being taken to generate resources through the activities of continuing education and alumni links.

(k) Reduction in Non-plan Expenditure

- Increased application of internet and intranet facilities by creating *on-line* library catalogue and reservation, *on-line* e-notice board, computerization of periodical section including database conversion of departmental libraries, subscribing e-journals.
- Efforts to rationalise the supporting staff

Road map for implementation of ERC recommendations

- The Institute agrees to abide by economy instructions issued from time to time by Government of India.
- The Institute shall not create a post, upgrade or redesignate a post, change the pay scale or allowances of a post; or announce any financial incentive or would take any step that may lead to enhanced burden on GOI than agreed to by the latter without prior consultation with MHRD.
- A formula based allocation of non-plan grant to various academic departments based on the ERC recommendations, viz.
 - One B.Tech student is taken as an FTUE, while other equivalents are as follows:
M.Tech: 1.5, PhD: 2.5; MSc/MCA/PG Dip: 1 FTUE


07 JAN 2003

- Weightage is given to the courses taught by a department in other departments to encourage interdisciplinary programs and enhancement in electives
- Different weightage is given to the programs/ courses with and without laboratory component
- Different weightage is given for research papers published in refereed journals and presented in Conference/ Symposia (1 and 0.5 respectively)

Geographical Expansion

To acquire 10 acre of land in NOIDA.

Part - III

D. Assistance from Department of S & HE (MHRD)

- i. Financial Assistance as indicated in the budget.

Plan grants

Revised estimates for 2002-03 Rs 4132.00 lakh
Budget estimates for 2003-4 Rs 4780.00 lakh

Non plant grants

Revised estimates for 2002-03 Rs 5482.00 lakh
Budget estimates for 2003-04 Rs 6479.00 lakh

- ii. Coordination with other Ministries.
(probably the inputs are to be added by S & HE, MHRD)
- iii. Any other manner in which MHRD wishes to assist the Autonomous Body through policy initiative or organisational facilitation.

The Government of India on its part shall endeavor, besides providing adequate funding for all the above mentioned activities viz. manpower development, research & development and extension activities,

- encouraging industry by way of tax concessions for their contribution to establish meaningful linkages with the Institute;


07 JAN 2003

- encouraging alumni by way of tax concession and other measures to cooperate with the Institute for furtherance of its objectives;
- engaging the Institute in the selective thrust areas of development;
- support fully the entrepreneurship effort of faculty and their efforts for indigenous technology development;
- external support to the Institute management for enforcing higher standards of achievement and reward merit both in faculty and other employees;
- to encourage excellence amongst students by instituting prizes and medals for their performance in curricular and co-curricular activities.
- helping the Institute to maintain high standards even if it means modifying some Government policies in the sphere of reservations and in industrial relations.
- grant the Institute full administrative and financial autonomy within the budgeted allocation including manpower.

Corpus

- i) Maintenance of a corpus at the Institution level out of resources generated by the Institute as well as the portion of non-plan savings and interest thereon.
- ii) The corpus so created be utilized for further development of the Institute, to meet crucial gaps and cushion for uncertainties and exercise greater financial autonomy.
- iii) Tuition fees for core programmes not to be seen as the source of income. This should be largely used for scholarships and freships for weaker sections.


Part- IV

E. System and frequency of monitoring and review of targets

◆ Peer Review

A peer/outside review of all academic departments/ units in every 5 years by academic and technical experts only. The review should focus on:

- (i) Achieving the performance and objectives of the Institute,


07 JAN 2003

- (ii) Relevance of different activities to continue,
- (iii) Multi factor performance evaluation index be used,
- (iv) The review should not be for the institution as a whole but this should be done at 5-year intervals for a set of departments at a given time,
- (v) Peer/ outside review of the administration and financial structure of the institute every 3 years.

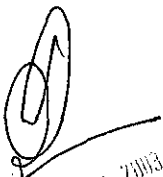
◆ **Review of manpower**

Manpower requirements of the Institute be reviewed by the Board of Governors in every 5 years. The review will take into account variation in the nature of work performed and their requirement of scientific / technical and non-scientific/ non- technical / ministerial persons at different levels. It may be logical to accept high proportion of group (A) and (B) officials.

The MOU for the year is hereby agreed and signed at
New Delhi this..... day of.....

Joint Secretary

Director


07 JAN 2013


GENERAL ABSTRACT

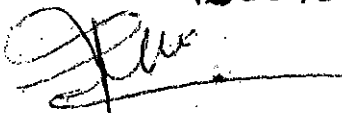
Name of Work : C/o Auditorium bldg. of 1000 capacity with 2 Nos. committee rooms of 200 persons & 100 person capacity, at LLT, Roorkee.


Sl. No.	Description of Work	Civil Work	Elect. Work	Total
1	Building Portion	8,22,09,855.00 84197325.00	3606042.00 10545764.00	91815037.00 94743089.00
2	Development Work	2441419.00	255496.00	2696915.00
3	Furnishing	24314438.00	50061864.00 51091863.00 420749561.00	73063999.00 75406301.00
Total		108964312	58611099	167576011

Say Rs. 17,28,46,300.00
16,75,76,011.00
1500 Lacs


15,00,00,000/-



A.E. (P-III)
CPWD, Lucknow


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


S.E. (P&A) (P-II)
CPWD, Lucknow

Approved


C.E. (NZ-II)
CPWD, Lucknow


07 JAN 2003

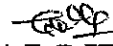
GENERAL ABSTRACT

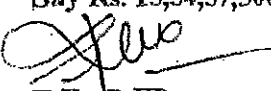
Name of Work : C/o Library Building for LLT. Roorkee.


Sl. No.	Description of Work	Civil Work	Elect. Work	Cost
1	Building work	80114718.00	1,63,79,374 17064993.00	90620718.00 97179711.00
2	Air Conditioning	—	38625000.00	38625000.00
3	Development works	3870029.00	255496.00	4125525.00
4	Bulk Services	—	1,05,06,000.00 15527250.00	1,05,06,000.00 15527250.00
				<u>155457486.00</u>

Say Rs. ^{1200 Lacs} 15,54,57,500.00


~~143,87,120.00~~
12,00,00,000/-

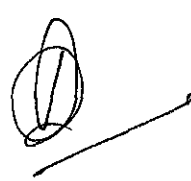

A.E. (P-III)
CPWD, Lucknow


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


S.E. (P&A) (P-III)
CPWD, Lucknow

Approved


C.E. (NZ-II)
CPWD, Lucknow



07 JAN 2003

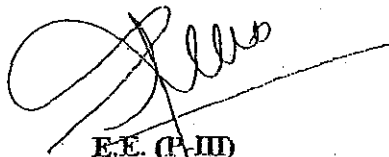
GENERAL ABSTRACT


Name of Work : C/o V.I.P. Guest House at I.I.T., Roorkee.

Sl. No.	Description of Work	Civil Work	Elect. Work	Total
1	Building Portion	19578078.00 28618900.00	3315054.00 3935600.00	22893162.00 32554500.00
2	Development	---	102200.00	102200.00
3	Bulk Services	---	515000.00	515000.00
Total		28618900.00	4552800.00	33171700.00
		19578078.00	3932284.00	23510362.00


Say Rs. ^{23510362.00} 3,31,71,700.00


A.E. (P-III)
CPWD, Lucknow


E.E. (P-III)
CPWD, Lucknow
Approved


S.E. (P&A) (NZ-II)
CPWD, Lucknow

C.E. (NZ-II)
CPWD, Lucknow



07 JAN 2003

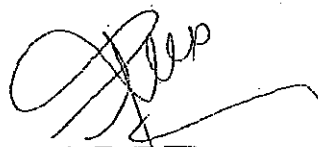
GENERAL ABSTRACT


Name of Work : C/o 28 Nos. Multistoried Flats at L.T., Roorkee.

Sl. No.	Description of Work	Civil Work	Elect. Work	Total
1.0	Building Portion	4,07,530.00 41964100.00	1318000.00	4,20,710.00 43282100.00
2.0	Development Work	1324126.00	81800.00	1405926.00
3.0	Bulk Services	---	8667450.00	8667450.00
Total		4,20,77,210.00	10067250.00	5,21,44,460.00

Say Rs. 5,21,44,460.00
5,21,44,460.00



A.E. (P-III)
CPWD, Lucknow


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


S.E. (P&A) (NZ-II)
CPWD, Lucknow

Approved

C.E. (NZ-II)
CPWD, Lucknow


07 JAN 2003


GENERAL ABSTRACT


Name of Work : C/o Faculty Lounge for I.I.T, Roorkee.

Sl. No.	Description of Work	Civil Work	Elect. Work	Total
1	Building Portion	27704039.00 -32287539.00	42195550.00 4697018.00	31953594.00 -36984557.00
2	Development Work	1423272.00	---	1423272.00
3	Bulk Services	---	1421400.00 -2136735.00	1421400.00 -2136735.00
Total		-33710811.00	6833753.00	-40544564.00
		29127311.00	5670955.00	34798266.00
			34798300.00	


Say Rs. 4,05,44,600.00


A.E.(P-III)
CPWD, Lucknow


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


S.E. (P&A) (NZ-II)
CPWD, Lucknow

Approved


C.E. (NZ-II)
CPWD, Lucknow


07 JAN 2003

