# Minutes of Twelfth Meeting of the Board of Governors



National Institute of Technology Rourkela - 769 008 (Orissa)

### <u>INDEX</u>

Contents	Minutes of 12" Meeting of BOG	Page No
A	General and Procedural Matters	3 – 4
Continuent conservation and the continuent of th	Policy and Important Administrative Matters	4 - 5
Personalismental ice (vita gas adaustrant or ment den vitate i introducioni del vitate (vitate i introducioni del vitate (vitate i introducioni del vitate (vitate i introducioni del vitate i introducioni del vitate (vitate i introducioni del vitate i i	Academic Matters	5 - 7
D	Routine Administrative Matters	7 – 17
E	Reporting Items for Information of the Board	17 – 20
F	Miscellaneous Items	21 - 28
ingericija na jelih najvi nistijenis protika ilijiri oj reziske uzi nazvinaziliza najbinjeveni i obji nisti nak Z Z	ANNEXURES	<ul> <li>Agentina in desemble established desemble established desemble established.</li> </ul>
A1	Director's report on the affairs of the Intitute since last BOG meeting (e. 11" meeting held on 20" Sep 2006	29 - 60
A2	9" meeting of Finance Committee held on 20 09 2006	61 • 65
A3	6th meeting of Building & Works Committee held on 29 12 2006	66 - 72
purity angles year of health described in the second department of the control of the second defined defined and second defined and second defined defined and second defined defined and second defined defin	Detailed Project Report (DPR) for capacity expansion (Reservation for OBCs)	73 - 75
A.S.	Recommendation of the Sub-Committee on Pay Scale rationalisation for non teaching staff	76 · 78
A5	Documents related to the cases of Mr. Sanjay Swain	79 - 85
A7	Proceedings of the committee regarding prequalification of firms for Major Projects (i.e., New 1000 seated hoste). Academic Building, Lecture Hall Complex and Faculty Quarters).	86 - 89
A8	Proceedings of the committee regarding appointment of architects for construction of swimming pool and other works in NIT. Rourkela	90 - 93
A9	Request letter to the State Government regarding payment of arrear retirement benefits to retired employees	94 95



### National Institute of Technology Rourkela – 769 008 (Orissa)

Minutes of the 12<sup>th</sup> Meeting of Board of Governors of National Institute of Technology, Rourkela held at Board Room of IMFA, Bhubaneswar on 09.02.2007 (Friday) at 10.00 am.

Dr. B Panda, Chairman, Board of Governors chaired the meeting. The following members attended the meeting.

#### **Members Present:**

 Dr. Bansidhar Panda Board of Governors, NIT Rourkela Chairman

Mr. B.K. Ray
 Desk Officer (Finance)
 MHRD, Govt. of India,
 (Dept. of secondary & higher education),
 Shastri Bhawan,
 New Delhi – 110 001.

Representative of FA, MHRD

Dr. (Mrs) Renu Batra
 Joint Secretary
 University Grants Commission
 Bahadur Shah Zafar Marg
 New Delhi – 110 002.

Member

4. Father, E. Abraham Director, XIM Bhubaneswar

Member

 Prof. Satyananda Acharya Ex-VC, Utkal University Director, IMFA Ltd., Bhubaneswar Member

Prof. P.K.J. Mohapatra
 Professor,
 Industrial Engg. & Management
 IIT Kharagpur

Member

9. Prof. G. S.Rath Professor, NIT Rourkela

Member

h

Prof. K.R. Patel
 Mechanical Engineering
 NIT Rourkela

Member

 Prof. Sunil Kr Sarangi Director, NIT Rourkela Member & Secretary

12. Mr. S.K. Upadhyay Registrar, NIT Rourkela Special Invitee

#### Members who could not attend the meeting:

- 1. Shri Ravi Mathur,IAS Joint Secretary, MHRD
- 2. Prof. D. Acharya Chairman, AICTE, New Delhi.
- Dr. K.Madhu Murthy
   Adviser (Admn.), AICTE
   I.G. Sports Complex
   New Delhi
- Dr. Sanak Mishra
   Flat No. 341, Green Heavens
   SAIL Cooperative Housing Society
   Plot No. 35, Sector 4
   Dwarka Phase 1, Papankala
   New Delhi 110 075.
- Shri N. R. Mohanty
   Ex-Chairman, HAL
   Apartment No 302, SCION Court
   1<sup>st</sup> Cross, Kaggadas Pura,
   C.V. Raman Nagar P.O.
   Bangalore

Leave of absence was granted to all the absentees.

h

#### A. GENERAL AND PROCEDURAL MATTERS

BOG – 12(2007) – 1: Welcome to all members and invitees to the meeting by the Chairman.

Chairman welcomed the members and the invitee to the 12<sup>th</sup> meeting of the Board of Governors. Leave of absence was granted to all members absent.

BOG – 12(2007) – 2: Confirmation of the minutes of the 11<sup>th</sup> Meeting of the BOG.

The minutes of the 11<sup>th</sup> Meeting were sent to the members vide letter No. NITRKL/PS.5 (iii)/2006 dated 11<sup>th</sup> October 2006 inviting comments on the correctness of the recording. No comments or suggestions have been received. The Board may confirm the minutes.

Board approved the Minutes of the 11th Meeting of BOG.

BOG – 12(2007) – 3: To report on the action taken on the decisions made in the 11<sup>th</sup> Meeting of BOG held on 20<sup>th</sup> September 2006 and to discuss matters arising out of the minutes.

A summary of actions taken against the decisions of the BOG in its 11<sup>th</sup> Meeting held on 20.09.2006 was presented for the Board's consideration.

The Board noted the actions taken and approved the report with the following change against Item No. BOG – 11(2006) – 3 [Strike by non teaching employees in November 2004].

The Board authorized the Director to take appropriate measures depending upon the ground conditions without referring to the Board again. Each employee must give an undertaking in a format approved by the Director.

BOG-12(2007) - 4: To record the Director's Report on the affairs of the Institute since last BOG Meeting i.e., 11<sup>th</sup> Meeting held on 20<sup>th</sup> September 2006.

The Board noted the progress made under the Plan Projects. Director informed the Board that the Institute has received Rs. Seven Crores more from MHRD under TEQIP. The Board approved the revised CIP for TEQIP. MHRD representative indicated that another five crores may be sanctioned in due course if there is good progress in utilization of funds. The Board advised the Director to make procurement plans accordingly.

[Annexure - A1]

BOG-12(2007) - 5: To approve the Minutes of 9<sup>th</sup> Finance Committee Meeting held on 20<sup>th</sup> September 2006.

The Board approved the Minutes of the 9<sup>th</sup> meeting of the Finance Committee held at IMFA, Board Room, Bhubaneswar on 20<sup>th</sup> September 2006.

[Annexure - A2]



BOG-12(2007) – 6: To approve the Minutes of 6<sup>th</sup> Building & Works Committee Meeting held on 29<sup>th</sup> December 2006.

The Board approved the Minutes of the 6<sup>th</sup> meeting of the BWC held at NIT campus on December 29, 2006.

[Annexure - A3]

BOG – 12(2007) – 7: To approve the Annual Report 2005-06 and audited statement account for the financial year 2005-06.

The Annual Report and audited Statement of Accounts for the financial year 2005-06 were enclosed for approval.

The Board approved the Annual Report and audited Statement of Accounts for the financial year 2005-06. The administration was advised to introduce a better format for the next report.

#### B. POLICY AND IMPORTANT ADMINISTRATIVE MATTERS

BOG – 12(2007)–8: To add a "Department of Industrial Design" and offer Ph. D.,
B. Des and M. Des programmes in Industrial Design and a
department of "Biology" offering Ph.D. and M.Sc.
programmes.

In response to the suggestion received from the Ministry of HRD it was decided to set up a new Department of Industrial Design, offering B. Des (60 students/year) and M. Des (25 students/year), M. Tech (R) and Ph.D. programmes, and other programmes as decided by the Board from time to time.

Similarly, to strengthen science education in the Institute it was decided to set up a "Department of Life Sciences" offering M Sc and Ph D programmes and other programmes as decided by the Board from time to time.

Thus, the Institute shall add the following new Departments, Centres or Schools:

- Department of "Biotechnology and Medical Engineering" [B Tech (Biotechnology), B Tech (Biomedical Engg), M Tech (Biotechnology), M Tech (Biomedical Engg), M Tech (R), Ph.D.]
- 2. Department of Life Sciences [M Sc, M Tech (R), Ph.D.]
- 3. Department of Industrial Design [B Des, M Des, M Des (R), Ph.D.]
- 4. School of Management Studies [MBA/MBM/MMS, PGDMS, Ph D, Executive Development Programmes]
- 5. Centre for Tribal Development [M Tech (R), Ph.D.]

The Director was advised to set up National Advisory Committees and work out the curricular patterns and resource requirements. It was decided to start admission to all programmes of the Department of Biotechnology and Medical Engineering in AY 2007-08 and to other Departments by AY 2008-09.

h

BOG – 12(2007)–9: Detailed project report (DPR) to be submitted to the Ministry for enhancement of student strength by 54% to accommodate reservation for OBC students.

A detailed project report (DPR) was prepared for submission to the Ministry to accommodate increase of student strength following introduction of reservation for OBC students. The Board was requested to consider the DPR for approval and submission to the Ministry.

The Board approved the DPR with minor changes and advised Director to submit to the ministry.

[Annexure - A4]

#### C. ACADEMIC MATTERS

#### BOG – 12(2007)–10: Difficulties in Continuation of MCA programme

The Board vide resolution no. BOG -9 (2005) -17 had decided to enhance the seats in B.Tech. (Computer Science) from 30 to 60 in view of the demand for CS graduates, and to discontinue the MCA programme which has lost relevance in national context. It was further decided that MCA programme may be continued as a self financed scheme if viable. Accordingly, the first batch took admission under self financed scheme in 2006. The Board was informed that the following difficulties were being faced by the Institute:

- (a) Faculty members of other departments have shown no interest in teaching MCA courses, even if there is extra remuneration. It is probably because most faculty members value their long term professional growth over short term financial return.
- (b) The entire load therefore is coming on the small faculty of the Computer Science and Engineering Department. They are compromising on --
  - MCA teaching itself,
  - B.Tech./M.Tech. teaching,
  - · Research and Research guidance,

The last one being the worst victim.

This is leading to fall in reputation of the Department and, in the present scenario, it will be more difficult to attract bright faculty.

(c) The placement scenario of MCA students is far below that of B.Tech. (CS) students.

In view of the above it was proposed to limit the CS Department to teach Computer Science and Engineering only. The MCA programme, if necessary, may be taught from a new and separate department specializing in Computer Applications.

h

The Board also considered the following extract from the "Report of the Sub Group on Engineering, Architecture and Computer Applications Education and Polytechnics for XI th plan" set up by the Ministry of HRD.

#### " 1.5) Status of Computer Applications Education :

During the Xth Plan the number of institutions offering MCA course has increased from 865 to 953 with corresponding rise in intake from 40,974 to 67,637. These courses are offered in degree engineering, Arts/Science institutions and universities apart from some unitary institutions. Besides, a few universities are also offering the course through distance education mode.

However, the utility of Masters in Computer Application course needs to be re-examined in view of its lost relevance as well as the availability of enough manpower / course offerings in CSE/IT at B.E./B.Tech. Level."

The Board approved the proposal to discontinue the MCA programme from the next academic session 2007-08. In view of the lost relevance of MCA programme, it was also decided not to seek MHRD support to create a new department.

# BOG – 12(2007)–11:Admission of vacant seats in B.Tech. After the AIEEE – CCB counseling.

The Board vide resolution no. BOG-11 (2006) - 20 advised the Institute to fill up the seats left vacant after AIEEE counseling in the month of October 2006. Accordingly, 11 students took admission and their performance is produced below. The following summary of their performance was submitted to the Board.

Sino	Roll No	Name	Gen / SC	Branch	AIEEE Rank	Closing AIEEE rank	CGPA in first Semester
1.	10601037	NAVEEN KUMAR	/ ST Gen	CE	67771	(Old) Gen – 16904	Incomplete Assessment
2.	10602065	PRAVEEN KUMAR SINGH	Gen	EE	30730	Gen – 20809	Had joined MN initially. Transferred to EE.
3.	10602066	R. VIGHNESHWARAN	Gen	EE	69709		6.97
4.	10604039	HIMANSHU SHEKHAR MOHAPATRA	Gen	ММ	97563	Gen – 52493	5.27
5.	10605035	KRISHNA SINGH CHAUHAN	Gen	MN	28255	Gen – 65103	7.10
6.	10605037	HEMANT KUMAR CHAUHAN	Gen	MN	35129		7.23
7.	10605038	SUDIP DAS	sc	MN	74998	SC-212111	5.03
8.	10605036	SUNIL KACHHAP	ST	MN	193963	CT 450227	4.90
9.	10605039	AMIT CHATTOMBA	ST	MN	307877	ST – 158327	5.53
10.	10608037	SAURABH KUMAR	Gen	CR	18062	Gen – 18974	Not Appeared
11.	10608038	FAGURAM MURMU	ST	CR	162680	ST - 200517	Not Appeared



The Board observed from their academic performance that due to late admission, the students were under tremendous pressure to complete the theory and practical classes in time and are not able to make up the lost classes.

It was proposed that all the admission procedures must be completed by the date announced by AIEEE including filling up of any vacant seat. After the due date no admission should be allowed, keeping in mind the welfare of the students, unless specifically directed by the Ministry.

The Board agreed to the proposal to complete the admission process before the commencement of classes or the date set by AIEEE/CCB before the counselling process.

The Director was advised to bring up the matter in all relevant forums for a national system.

#### D. ROUTINE ADMINISTRATIVE MATTERS:

BOG – 12(2007)–12: To consider the report of sub-committee on anomaly following the rationalization of pay scales of non-teaching employees.

A sub-committee of the Board was appointed in its 11<sup>th</sup> meeting to consider the representation of employees on various aspects of pay and promotion.

Detailed report of the Sub - Committee was placed on the table for consideration of the Board.

The Board accepted the report of the sub-committee with the following modifications:

Item 1 : The rationalized scale for Junior Assistants are as follows :

Jr. Assistant	Senior Assistant	Senior Assistant (SG)
3200-4900/-	4000-6000/-	5000-8000/-

Some of the Junior Assistants were given 15 years time bound scale in the scale of Rs. 4500-7000/- in the REC days. They should be allowed to retain the same scale and ACP-II after 24 years.

#### Additional measure added by the BOG

When the Junior Assistants move to the new scale of Rs. 5000-8000, promotion rules will not apply, because they have been applied once during the application of Time Bound Scale enhancement. Instead, the salary will be fixed at the lowest level of the new scale, which is higher than the pay drawn on the 24<sup>th</sup> year.

Item 2: The representation of Mr. Kulamani Patra, Technical Assistant was examined. Mr. Patra who was given 15 years time bound scale in 2003 as per REC rules in scale of Rs. 6500-9900/-. After rationalisation his time bound scale was withdrawn and he was placed in the scale 5500-9000/-. As a result he is stagnated. The rationalized scale for Technical Assistant is as follows:

Technical Assistant	Senior TA	TA (SG)
5000-8000/-	5500-9000/-	6500-10500/-

The Committee recommends that he should be placed in ACP-II in scale Rs. 6500-10,500/- after completion of 24 years. During this period, he should continue with Rs. 6500-9900/- scale. If there are any similar cases same benefits should apply.

#### Additional measure added by the BOG

When he moved to the new scale of Rs. 5000-8000, promotion rules will not apply, because he had applied once during the application of Time Bound Scale enhancement. Instead, the salary will be fixed at the lowest level of the new scale, which is higher than the pay drawn on the 24<sup>th</sup> year.

- Item 5 : Observation of BOG : Till any clear guideline is issued to the contrary, performance appraisal through tests shall continue to be one of the components of the evaluation process, along with CR and interview.
- Item 6 : Observation of BOG : The Board observed that the approval of the Government is necessary to create new posts. When they are created, they should be advertised as per Government procedure. Employees recruited as "contractual employees" will not be regularized, because it will be unfair to those potential candidates who did not apply because of the "contractual" nature of the posts.
- Item 7: The Board observed that new regular positions cannot be created without approval of the Government. Persons holding temporary positions cannot be regularized without a due process of selection.

The Board was also informed that:

- (a) A fund of Rs. 50.00 lakh was maintained by the Institute from the UK-REC project of 1995, whose interest is used for supporting the 4 workers in addition to paying for maintenance and upgradation of equipment.
- (b) The concerned faculty members have clearly stated that the services rendered by the workers are essential to maintain the equipment and make them

h

available to the users, particularly for consultancy projects.

Considering the necessity of the services, and the absence of regular posts, the administration was advised to make alternative arrangements, such as:

- (a) examine with assistance of concerned faculty members the possibility of sharing of the work load by existing regular staff of the Institute, gradually reducing the dependence on contractual staff,
- (b) getting the services through the consultancy and testing projects,
- (c) outsourcing the services from an agency, (with some preference for existing workers for 2 years), or
- (d) a combination of the three.

The Board also decided to examine the status of the "Rs. 50 lakh" special fund and refer to the Ministry for advice, in view of the conversion of REC to NIT.

The Administration was directed to put up a proposal on :

- (a) alternative arrangement made for the Material Science programme in terms of
  - (i) personnel including suggestions for relocation of existing personnel and
  - (ii) finance
- (b) status of the Rs. 50.00 lakh special fund

Because the Institute has discontinued the practice of hiring temporary employees (NMR, consolidated) on a continuous basis, it was decided that an alternative arrangement must be done for the Material Science programme.

- Item 8: The Board observed that the NTMIS Nodal Centre is a project funded by AICTE and has continuously been funded by AICTE without any financial burden on the Institute. The following were decided regarding remuneration and status of the personnel engaged in the project.
  - (i) <u>Data collectors</u>: The Board agreed with the suggestion of the Sub-Committee for fixing the remuneration in accordance with their qualification, and directed the administration to convey this proposal to the sponsors. The revised scales can be implemented on receiving sanction of funds from the sponsors. It was also decided that their selection or continuation should be as per direction of the sponsors because they are not holding any substantive post of the Institute. The administration was also directed to seek the advice of the sponsors on the social security of the data collectors.

ly

(ii) Research Associate: The Board noted that although the AICTE wanted a regular employee of REC to be placed there under deputation from the Institute, in the case of NIT Rourkela, the incumbent is a temporary employee without any substantive post. The Board advised the Director to seek the approval of the Ministry for possible regularization of the incumbent in a new post (to be created), or other alternative engagement under AICTE.

The Administration was also directed to seek the Ministry's approval regarding the provident fund status and related social security measures of the incumbent.

(iii) Regular Institute employees on deputation: The administration was directed to treat all such employees to be on lien from the Institute and to seek appropriate lien dues from the sponsors. In case an employee renders part time service to the project, the contribution from the sponsors can be scaled on a pro rata basis.

[Annexure - A5]

#### BOG - 12(2007)-13: Proposal for issue of work order on major civil work:

The Board has, in principle, approved construction of the 4 facilities:

- (a) 1000 seated hostel
- (b) Academic buildings for departments of electrical sciences and biomedical engineering
- (c) Faculty quarters
- (d) Lecture Hall complex

which are urgently required. The Ministry has also agreed, in principle, to provide the necessary funds. The Board was informed that the following architects have been selected through an elaborate competitive process and that their selection has been approved by the Building & Works Committee:

- 1. M/s Vastukar of Bhubaneshwar for item (a), and
- 2. M/s Arch en Design of New Delhi for item (b), (c) and (d).

The gross fee for comprehensive architectural services has been fixed at 2.2% for both architects.

The Board approved the selection of architects and the rate of fee agreed upon. The Board also noted that the Architects have given plans and BOQ for construction of the buildings including area development, and that a list of prequalified contractors has been prepared based on newspaper advertisement and a formal selection process.

The total cost of the work including furniture and utilities is estimated to be as follows:

(d) Lecture Hall complex Rs. 10.00 crores	<ul><li>(a) 1000 seated hostel</li><li>(b) Academic building</li><li>(c) Faculty quarters</li><li>(d) Lecture Hall complex</li></ul>	Rs. 30.00 crores Rs. 40.00 crores Rs. 20.00 crores Rs. 10.00 crores
---	--	--

Rs. 100.00 crores

Time required for completion is 2 years (approximately), spread over three financial years (financial year 2007-08 to financial year 2009-10).

The projected expenditure is expected to be as follows:

Financial year 2007-08	Rs. 25%
Financial year 2008-09	Rs. 50%
Financial year 2009-10	<u>Rs. 25%</u>
Total	Rs.100%

The Board noted that the Ministry sanctions plan grant on annual basis. But it is necessary to issue work orders for the whole project before work can be initiated.

The Board considered the situation and authorized the administration to select contractors and issue work orders for the full estimated value, while following the approved procedure. The administration was directed to put appropriate demands with the Ministry on year to year basis depending on the payment schedule and progress of work.

# BOG – 12(2007)–14: Proposal for construction of new facilities necessary for supporting enhanced student strength

The total plan fund expected to be available during the 11<sup>th</sup> five year plan is expected to be:

- (i) Regular plan grant
  Rs 15 crore/yr X 5 yrs = Rs. 75
  crores
- (ii) Special grant for implementation = Rs. 78 crores
  Of new reservation scheme as approved by Mr. Moilly Committee

Rs. 153 crores

(iii) Other grants (if any)

These are in addition to other small construction work such as Renovation of hostels, staff quarters, academic buildings, roads, sports facilities and construction of swimming pool and cricket ground, for which the ordering process is ongoing.

The enhancement of student strength will also require creation of new facilities. The following new facilities are required to support the enhanced strength and to provide a superior academic environment.

- (i) Academic buildings to house departments of Mechanical Sciences (Extended Mechanical Engineering, Industrial Design Department, Extended Mechanical and Electrical Workshops, School of Business Management).
- (ii) Additional hostel and extension of existing hostels.
- (iii) Additional faculty accommodation.
- (iv) A second Lecturer Hall complex and Computer Centre.
- (v) New Library building (including Centre for Distance education and e-learning).

The Board was requested by the Administration to give inprinciple approval for taking up planning of these facilities.

The representative of the Ministry confirmed the projection of fund inflow during the next five years. The Board approved the proposal and advised the Director to proceed with construction of the new facilities in addition to those covered under item – 14 and other ongoing projects.

# BOG – 12(2007)–15: To consider the combination of past service of the following faculty members.

The following staff members have joined NIT Rourkela from other institutes in Orissa, particularly from UCE Burla, IGIT Sarang, and CET, Bhubaneswar, National Institute of Rock Mechanics, OSEB, etc.

SI. No.	E. Code	Name	Date of joining REC/NIT	Previous Institution	PF status in previous Institution	Status of fund transfer (with old lnst / Rsdrawn by employees on date / anything else.
1.	189548	Prof. G. S. Rath	01.06.89	UCE. Burla	CPF at the time, converted to pension later	Not drawn any amount by the employee.
2.	197695	Shri U. C. Pati	21.11.97	IGIT, Sarang	CPF	Rs. 1,24,847/- drawn by him on 09.05.03 but not deposited into REC/NIT A/c.
3.	100752	Shri B. D. Sahoo	05.01.2K	IGIT Sarang	CPF	Rs. 87,570/- Drawn by employee on 13.03.03 not deposited into REC/NIT A/c.
4.	102768	Prof. K. C. Patra	25.06.02	CET, OUAT.	Pension	Rs. 1,07,131/- drawn by employee on 17.07.2004

bu

5.	106798	Prof.Swarup Mohapatra	22.08.06	UCE, Burla	Pension	Under lien; has tendered resignation.
6.	106823	Prof. S. Jayanthu	13.11.06	National Institute of Rock Mechanics, GOI.	EPF Scheme.	Not drawn any amount by the employee.
7.	106775	Prof. B. Subudhi	04.07.06	IGIT, Sarang	CPF	Rs.10,70,526/- transferred to NIT Rourkela in Dec. 2006
8.	186489	Prof.R. Baliarsingh	10.12.86	Orissa State Electricity Board. GOO	Requested to inform the status on 09.10.06 but reply awaited.	Not known.
9.	192621	Prof. B. K. Ojha	15.09.92	IGIT, Sarang	CPF	Rs. 14,797/- drawn by the employee on 28.09.93
10.	198719	Dr. D. K. Bisoi	07.09.98	Gandhi Mahavidyalay a, Rourkela, GOO aided college.	EPF	He was governed under management post.
11	193632	Prof. S. Panigrahi	14.09.93	IGIT, Sarang	CPF	Rs. 32,901/- received by Prof. Panigrahi on 13.09.1993 but not deposited into REC/NITR A/c.
12	291603	Shri P. Rout	20.08.91	Rourkela Municipal College, Rourkela	Requested Previous employer to inform the status on 22.09.06 but reply awaited	Not known.
13	198713	Shri Somesh Jena	01.07.98	IGIT, Sarang	CPF	Figure not available regarding the amount of CPF benefits received by him.
14	189540	Prof. Akrur Behera	25.02.89	Orissa Education Service, GOO	Pension	Figure not available regarding the amount of Pensionary benefits received by him.
15	104771	Prof. B. B. Biswal	12.04.04	UCE, Burla.	Pension	Rs. 2,73,050/- transferred to NIT, Rourkela on 01.12.2006 towards GPF accumulation of Prof. Biswal.

W

16	181439	Prof. A. K. Pradhan	15.01.81	Minor Irrigation, GOO.	Pension.	Not known.
17	397684	Dr. T.R.Patnaik	23.06.97	Baliapal College of Physical Education, Baliapal, Balasore.		Private college, not received any grant from Govt.
18	190577	Prof. C. R. Patra	16.08.90	IGIT, Sarang	CPF	No amount was deducted from salary towards CPF contribution during the period.
19	190576	Prof. S. K. Sahu	16.08.90	IGIT, Sarang	CPF	No amount was deducted from salary towards CPF contribution during the period.
20	106785	Prof. K. Pramanik	10.07.06	NIT, Warangal	Pension	Not drawn any amount by the employee.
21	106790	Dr. D. Behera	12.07.06	Utkal University, BBSR		Under lien.

There is a difference in the mode of calculation of dues during service transfer between NIT, REC, State Governments and other employers. The differences are as under:

Subject	Central Govt.	State Govt.	REC Board		
Maximum time period for combination of past service after joining	01 year	01 year	No time limit mentioned.		
Fund Transfer	Institute to Institute	Institute to Institute	Either Institute to Institute Transfer or Individual employee can deposit.		
Interest Rate	As per the prevailing interest rate of GPF/ CPF.	4.75% compounded annually	4% simple interest		

In view of the legitimate differences between the State and Central Governments, the following is proposed in order to safeguard the interest of the employee and to make it possible for bright faculty members to migrate to NIT system.

- (a) Service transfer be permitted only from Central or State Government institutions or autonomous institutions fully funded by the Government. (Not from private, aided or municipal institutes)
- (b) In case of EPF (with pension), it can be converted to GPF (with pension) if the appropriate dues are transferred from EPF authorities.
- (c) Calculation formula of both Central and State Governments be accepted in case of institute to institute fund transfer. Delay in making request may be condoned, because the funds are lying with another Government institution.

W

- (d) In case of those employees who were handed over their dues by the previous employer, they may be permitted to deposit after calculating dues according to State Government formula (Not REC formula) for the REC days and Central Government formula for the NIT days (i.e., from 26.06.2002), provided that they made a request to REC/NIT within one year of drawing the money.
- (e) No change in category of PF plan be permitted (e.g. CPF to GPF or vice versa), except as stated in item (b) above.

This is a purely one time measure to clear cases pending for several years, often without any fault of the employee. Board may consider and approve.

#### The Board resolved the following:

- (a) All cases of transfer from Government institutions including fully owned educational institutions (universities and colleges) will be processed as per rules at the earliest. The administration was directed to take up the matter with concerned institutions immediately.
- (b) Wherever the elapsed time has exceeded one year, the past institution or the employee concerned, should pay interest at the Central Government approved rates from the date of expiry of one year after his last day of work in the old institution.
- (c) In case of any difference in rules of calculation between the Central and State Government, the State Government formula may be accepted if insisted upon by the old institution. (This measure is only for existing employees and should not be cited as precedence in future.)
- (d) Special rules adopted by REC in contravention of State Government rules will not be accepted. However, if the rules were implemented before the conversion of REC to NIT, the actions will not be reversed.
- (e) Applications of employees transferring from institutions other than Government and fully owned educational institutions (as approved under the rules) may not be considered.
- (f) Cases of all employees who have transferred from other institutions and have retired or are going to retire after conversion from REC to NIT will be reviewed and a definite decision be made in every case to avoid questions arising at the time of their retirement and possible delay in release of retirement benefits.
- (g) Employees asking for transfer of service benefits should provide all necessary documents, which will be studied by a committee appointed in the Institute. The Committee's recommendations in a proper format may



be sent to MHRD (Financial Advisor) for their advice. The advice of the Ministry along with observations of the Committee will be put up to the Board for consideration.

# BOG – 12(2007)–16: Proposal for supervisory allowance/conveyance allowance to some Group D staffs and supervisory personnel engaged in construction and maintenance work.

(i) REC had positions like Head Mali, Sweeper Mate, Work Sarkar etc., which had higher pay and supervisory responsibilities. These posts have already been abolished under rationalization of pay scale. As a result either performance is suffering or significant amount of officer time is being spent on supervision, which can be done at a lower level. To alleviate this problem, the following was proposed.

Selected group D staff engaged in supervision of junior group D staff may be given a supervisory allowance not exceeding 10% of pay + DP. Staff members must supervise between 5 to 10 workers. It was felt that this measure will cost little for the Institute, but it will increase productivity greatly.

The Board noted the value of the service being rendered by the staff, but did not accept the proposal for an allowance. The Director was advised to work out a suitable "honorarium" at the end of the year to motivate group D workers giving leadership to fellow workers. The honorarium should reflect the quality of leadership provided.

(1) Conveyance allowance to officers and supervisory personnel engaged in supervision of construction and maintenance work.

Some faculty members and visiting professors and others supervisory personnel are engaged full time or part time work in supervision of construction and maintenance work. They need to travel frequently to maintenance sites. They have been generally reluctant to travel in view of the expenses involved in fuel bill. To enhance efficiency in supervision, the Institute has now hired a full vehicle at a cost of Rs. 10,000/- per month.

Partly to save on the cost and partly for added convenience the following was proposed. "Faculty members, officers and senior technical staff engaged in supervision of construction and maintenance projects (civil & electrical), who need to travel several kilometers almost every day, may be given a travel allowance of Rs. 500/- per month at the discretion of the Director. The total number of such personnel will not exceed 10."

The Security Officer also needs to travel around the campus in his personal vehicle many times a day. It is not possible to maintain record of the exact mileage covered. It was also proposed to grant him a transport allowance of Rs. 500/- per month.

The Board noted the proposal but did not approve the institutionalization of such an allowance. Instead, the Director was authorized to reimburse the cost of travel to concerned officials based on their own estimate and written statement.

#### E. REPORTING ITEMS FOR INFORMATION OF THE BOARD

#### BOG – 12(2007)–17: Information of short term Foreign Visit:

Chairman, BOG permitted the following faculty members, to present papers in Conference and/or take training in Institutes of higher learning in foreign countries.

SI. No.	Name & Designation	Dept	Duration	Training/ Conference	Place of Training	Country
1	Prof. R. K. Sahoo Professor & Dean	ME	04.10.06 to 18.10.06	Training	University of Illinois	USA
2	Prof. (Ms.) K. Pramanik, Assistant Professor	СН	10.01.07 to 30.04.07	Training	Asian Institute of Technology (AIT)	Bangkok
3	Prof. C. R. Patra Assistant Professor	CE	09.11.06 to 11.11.06	Conference	Incheon	Republic of Korea
4	Prof. G. Panda Professor	EC	22.11.06 to 24.11.06	Conference	Nexus Resort Karambunai, Kota Kinabalu, Sabah	Malaysia

The Board noted the information.

# BOG – 12(2007)–18: To discuss representation by unsuccessful candidates against recruitment of technical staff.

When REC was converted to NIT, following the direction of the Ministry, recruitment of technical and supporting staff was stopped and vacant posts were abolished.

Subsequently, on request of the Institute, the Ministry cleared and the Board approved 24 technical posts for the Institute. The posts were not identified against any particular department. Depending on the need of the departments and the availability of candidates, selection and posting were made with consensus of the HODs. Posts, which still remained vacant because of non-availability of bright candidates, were re-advertised for specializations needed.

Some unsuccessful candidates made representations through various channels – Judiciary, Ministry of HRD and the Institute. The following three cases were put up to Board for its information and for directive to the administration.

i) Mr. Sanjay Kumar Swain applied for the post of Technical Assistant, with specialization of Chemistry. Though he qualified in the written test and Trade Test but the Selection Committee did not approve his name for the post of Technical Assistant due to poor performance in the Interview. However, he made a

h

representation to the Chairman, BOG for consideration of his case. The Chairman referred his letter to the Institute Advocate for legal opinion. The report of the advocate based on inputs only from Mr. Swain, is put before the BOG for perusal.

[Annexure - A6]

- ii) Mr. Khirendranath Barik, applied for the post of Mechanic in the Department of Met. & Mat. Science. The Scrutinizing committee did not recommend him for the post of Mechanic due to over age and poor academic record. He made a representation to the Hon'ble Minister of HRD for consideration. After examining the case, Ministry has recommended that he can not be given employment due to over age. The letter from the Ministry is enclosed for reference. Put up for kind perusal of the Board.
- iii) Mr. Santosh Kumar Nayak applied for the post of technical assistant in the Department of electrical Engineering. Scrutinizing Committee did not recommend his case due to over-age. Mr. Nayak has filed a case in the Hon'ble High Court of Orissa, which is yet to be heard. The interim order of the Hon'ble High Court is put up for kind perusal of the Board.

All three candidates served the REC as temporary workers nominated without any due process of selection. Renewals of their services were stopped by the Board in 2004 and subsequent decisions. They have demanded reinstatement on ground of hardship.

The Board was briefed by the Chairman on the case of Shri Sanjay Kumar Swain. The opinion of the advocate Mr. S. N. Mishra was discussed in detail. The Board noted that the learned advocate did not have the benefit of official documents from the Institute was not aware that REC posts were abolished by the Government as a matter of policy.

The Board noted the procedure followed by the Institute in selection of technical staff and was satisfied with the procedure. The Board also noted that the decision of the Board to discontinue the temporary workers taken by the REC without any substantive post was proper.

In view of the above, the Board resolved to stand by its past decisions and the results of staff selection carried out by the Institute following the approved procedure.

BOG – 12(2007)–19: Prequalification of firms for Major Projects (i.e., New 1000 seated hostel, Academic Building, Lecture Hall Complex and Faculty Quarters)

[See item BOG - 12(2007) - 13]

The Institute is in the process of constructing four major sets of buildings costing nearly Rs. 100 crore. Following the due process, eleven firms have been found suitable for competition. The proceedings of the committee to prequalify the firms was enclosed for information of the BOG.

The board noted the contents of the report and approved the following list of construction firms for giving tender papers for the major construction projects:

- 1. M/s Engineering Projects (I) Ltd.
- 2. M/s Uttar Pradesh Rajakiya Nigam Ltd.
- 3. M/s Larsen & Toubro Ltd.
- 4. M/s Nagarjuna Construction Company Ltd.
- 5. M/s Shapoorji Pallonji & Co Ltd.
- 6. M/s Ahluwalia Contracts (I) Ltd.
- 7. M/s Gammon India Ltd.
- 8. M/s Consolidated Construction Consortium Ltd.
- 9. M/s IVRCL Infrastructure & Projects Ltd.
- 10. M/s Unity Infrastructure Projects Ltd.
- 11. M/s Simplex Infrastructure Ltd.

## BOG – 12(2007)–20: Appointment of architects for construction of swimming pool and other works in NIT, Rourkela.

As a part of the routine construction/renovation/up gradation activity, the following small projects have been taken up:

- 1. Construction of swimming pool.
- 2. Renovation of hostels no. 3 & 4, 2 & 5.
- 3. Remodeling of Hall 1 to be used as a married students hostel.
- 4. Renovation of Institute buildings.
- 5. Renovation of staff quarters.

Advertisement was put up for appointment of architects. After following the due process, three firms have been selected:

- (1) M/s Nav Nirman Development consultants, Pune for swimming pool.
- (2) M/s Space Arch, Bhubaneswar for renovation of Institute buildings and staff quarters.
- (3) M/s Design Techno, Cuttack for renovation of hostel buildings.

Consulting Fee will be 5% of project cost including day to day supervision.

The Board reviewed the recommendation of the Committee and approved the selection of architects and the fee charged.

[Annexure - A8]

# BOG – 12(2007)–21: Leasing of Institute premises to State Bank of India branch at NIT campus.

The State Bank of India is operating its branch inside the campus for the past 20 years. The agreement expired on 26<sup>th</sup> December 2006. It was proposed that the lease agreement may be extended for another 10 years. The draft copy of the agreement was given as Annexure.

The board reviewed the draft agreement and approved the proposal. The Board advised the Director to construct a separate building for SBI and Post office for convenience of inside and outside customers.

# BOG – 12(2007)–22: Case of Mr. S. S. Senapati relating to investment of CPF fund in various banks.

Mr. S. S. Senapati retired as a Senior Assistant. During his tenure as Senior Assistant, he dealt with investment of P.F. funds. Records show that, in violation of rules, agency commission was paid on some of the investments in UTI bank. On further enquiry, it was found that commission has been paid to one Ms. Parbati Senapati. Mr. S. S. Senapati says that he does not know any person named Parbati Senapati, while official records show that he has a sister with that name. The institute proposed to him to surrender the agency commission paid to his sister along with a small penalty; but he has not accepted the offer. Instead, his advocate has threatened legal action against the Institute.

The Board was requested to consider the case and give appropriate direction to the administration.

The Board decided to withhold the payment of gratuity and other retirement dues of Mr. S S Senapati and refer the case to an advocate in the Institute's panel.

# BOG – 12(2007)–23: Proposal for discontinuation of monthly deduction of REC/NIT Employee's Consumer Cooperative Society dues from employee's salary account.

The Consumer Cooperative Society has been serving the REC/NIT community for a long time. Its services were particularly valuable when essential consumables such as rice and sugar were not available in open market. To make the administration of the society simple, there was a provision for delivery of stores on credit, to be deducted from salary by the Institute.

This aspect of the cooperative store administration has created many social problems. Credits are accumulating to levels well beyond the paying power of the employees. For many persons savings of life time go towards settlement of this credit. In view of the above, it was decided by the administration to delink pay from co-op store transactions with effect from 31.03.2008.

Submitted for the Board's information and advice.

Board approved discontinuation of monthly deduction of REC/NIT Employee's Consumer Cooperative Society dues from employee's salary account. Director was advised to decide the appropriate date of discontinuation. The Board also directed the administration to examine the utility of the store in today's context and close it totally if felt appropriate.

#### F. MISCELLANEOUS ITEMS

BOG - 12(2007)-24: Fixing date for the next BOG Meeting.

The date of next meeting of Board of Governors may be finalized.

The next meeting of BOG will be decided in consultation with Chairman.

BOG - 12(2007)-25: Any other item with kind permission of the chair.

#### BOG - 12(2007)-25/1: Proposal for extension of contractual services.

The Institute has the following personnel serving on contract in various capacities:

- i) Prof. A. K. Panda, Visiting Professor, Civil Engg
- ii) Prof. Y. K. Sahoo, Visiting Professor, Elect. Engg.
- iii) Prof. A. K. Sahoo, Civil Engineering
- iv) Mr. A. K. Patnaik, Dy. Registrar(Admn.)
- v) Mr. S. N. Dash, Asst. Registrar (F & A)
- vi) Mrs. Banaja Sethi, Executive Assistant.

The following was proposed for consideration of the Board:

- a) Massive construction work is on going and more is expected to be taken up shortly. The service of Prof. A.K. Panda, Prof. Y.K. Sahoo and Prof. A.K. Sahoo are essential because we do not have any Senior Engineering positions. It is proposed to extend their tenure till 30.06.2009. Prof. Y.K. Sahu and Prof. A.K. Panda may be given a consolidated compensation of Rs.20,000/- per month. Remuneration of Prof. A.K. Sahoo may be continued at the existing rate.
- b) Mr. S. N. Dash, Asst. Registrar is in Institute service as Superintendent and is due for retirement on 30.04.2007. The massive construction work and purchase of equipment etc requires a full fledged Asst. registrar of purchase and works. In addition Asst. Registrar can look after SRICCE, which is also expanding.
- c) While the Ministry is considering approval of new posts of Asst. Registrar, it is necessary to have at least two officers on contract.
- d) It is proposed to continue the service of other 3 staff members till new officers are recruited; (The recruitment is expected before 31.12.2007).

The Board may consider offering fresh contracts to the personnel as follows:

- 1) Shri A.K. Patnaik, Dy. Registrar, Establishment till 31.12.2007.
- 2) Mrs. Banaja Sethi, Executive Assistant till 31.12.2007.
- 3) Shri S.N. Dash, Asst. Registrar (Purchase & Works and SRICCE) till 31.12.2008.

Mr. A. K. Patnaik, and Mrs. Banaja Sethi may continue under the existing terms of appointment. Mr. S.N. Dash may be paid his existing contract value minus pension drawn from NIT.

The Board considered the 4 items and directed the following:

- (a) The Board approved the proposals.
- (b) The Board did not accept the proposal to hire Mr. S. N. Dash as Assistant Registrar (on contract) without a normal competitive process beyond his superannuation as Superintendent.
- (c) The Board agreed with the proposition to have officers on contract till such time that the Ministry finalises the non teaching staff structure for NITs.

The Board approved recruitment of one Assistant Registrar (Purchase) on contract basis from May 1, 2007 for a period of one year. The position may be filled by advertisement and selection by a local selection committee approved by the Chairman.

(d) The Board approved the proposal for offering fresh contracts for Mr A K Patnaik and Ms. Banaja Sethi only till 31.12.2007 under the existing terms of appointment and Mr. S. N. Dash till 27.04.2007 under existing terms and conditions. He will join his substantive post of Superintendent before superannuation on 30.04.2007.

# BOG – 12(2007)–25/2: Reimbursement of Book Allowance and Professional membership fee for faculty:

The Board vide resolution No.BOG-7(2005)-6 dt. 25.5.2006 approved the minutes of the Finance Committee meeting where it was decided to give book allowance to Rs.1000/- to all faculty members for the year 2005-06. However, it was decided to review the extension of the same facility after one year. The reimbursement of professional membership was approved as usual.

It was proposed that the same facility may be extended for the year 2006-07.

The Board approved the proposal to reimburse expenditure on purchase of books upto Rs.1000/- to all faculty members for the year 2006-07 and reimbursement of 75% of Professional membership fee of one society or RS 5000.00, whichever is less.

The Director was advised to prepare a fresh proposal for comprehensive faculty benefits and put up to Board for approval for FY 2007-08 and beyond.

BOG – 12(2007)–25/3: Selection for the post of Librarian, Finance Officer, System Programmer, Asst. Librarian, Asst. Registrar, Library Information Assistant, Technical Assistant (Civil/Electri), Library Assistant, Secretary, Accountant, Asst. Superintendent and Jr. Assistant (Hindi) held on 2<sup>nd</sup> to 4<sup>th</sup> February, 2007.

The BOG approved the following candidates recommended by duly created selection committees for the posts of Librarian, Finance Officer, System Programmer, Asst. Librarian, Asst. Registrar, Library Information Assistant, Technical Assistant (Civil/ Elect.), Library Assistant, Secretary, Accountant, Asst. Superintendent and Jr. Assistant (Hindi) held during 2<sup>nd</sup> to 4<sup>th</sup> February, 2007.

SI. No.	Position	Name of the Candidate	Cate- gory	Scale of Pay	Starting Basic Pay
1.	Finance Officer	Mr. S.K. Mohapatra	Gen.	Rs.8000- 275 – 13500/-	Rs.9375/-
2.	Asst. Registrar	1 . Mr. Prabhanjan Kr. Panigrahi	Gen	Rs.6500-200-10500/-	Rs.7100/-
		2. Mr. B. Acharya	Gen	Rs 6500-200-10500/-	Rs.7100/-
3.	System Programmer	Mr. Snehasish Parhi	Gen.	Rs.8000-275-13500/-	Rs.8000/-
4.	Asst. Librarian	1. Mr. M. Madan	Gen.	Rs.6500-200-10500/-	Rs.7500/-
		2. Mr Y. Srinivasa Rao	Gen.	Rs.6500-200-10500/-	Rs.7100-/
		3. Ms Shipra Awasthi In the Panel:	Gen.	Rs.6500-200-10500/-	Rs.6700/-
		1. Ms. Kshyanaprava Sahoo		Rs.6500-200-10500/-	Rs.6500/-
5.	Library Information	Mr. Hemanta Kr. Biswal	Gen.	Rs.5000-150-8000/-	Rs.5000/-
	Assistant (LIA)	In the Panel:	(ST)	D. 5000 450 00004	D - 5000/
		1. Ms. Asha Badaik	SC.	Rs.5000-150-8000/-	Rs.5000/-
6.	Asst. Superintendent	Mr. Ranjan Kr. Nayak	SC	Rs.5000-150-8000/-	Rs.5000/-
7.	Secretary-II	1, Mr. B.N. Sahoo	Gen.	Rs.5000-150-8000/-	As per
		2. Mr. B. B. Behera	SC	Rs.5000-150-8000/-	existing pay
		(present pay & increment date			
		to remain unchanged for both)			
8.	Accountant	Ms.Priti Suman Kullu	ST	Rs.5000-150-8000/-	Rs.5000/-
9.	Technical Assistant (Civil)	1. Mr. Ramakanta Behera	SC	Rs.5000-150-8000/-	Rs.5000/-
		2. Ms. Arunima Dutta In the Panel	Gen.	Rs.5000-150-8000/-	Rs.5000/-
		1. Mr. Bijay Kr. Dash	Gen	Rs.5000-150-8000/-	Rs.5000/-
		2. Mr. Bibhuti B Mukharjee	Gen	Rs.5000-150-8000/-	Rs.5000/-
		3. Mr. Prabina Kr Pani	Gen.	Rs.5000-150-8000/-	Rs.5000/-
10.	Technical Assistant	1.Mr. Rabindra Kr. Sahoo	Gen	Rs.5000-150-8000/-	Rs.5000/-
	(Elect.)	(Subject to judgment of			
4.4	Lab Casistant (Chamistan	Hon'ble High Court of Orissa)		D- 2002 DE 40004	
11. 12.	Lab. Assistant (Chemistry)  Jr. Assistant (Hindi)	No one found suitable  No one found suitable	SC SC	Rs 3200-85-4900/- Rs 3200-85-4900/-	-
12.	` '	No one tound suitable	36	K5.3200-85-4900/-	•
13.	Asst. SuperintendenV	1. Mr. B.C. Patnaik	Gen.	Rs.5500-175-9000/-	As per
İ	Accountant	2. Mr. S.N. Biswal	Gen.	Rs.5500-175-9000/-	existing pay,
	(Internal candidates)	3. Mr. K.S.Dash	Gen.	Rs.5000-150-8000/-	except for sl
		4. Mr. H.N. Nayak	Gen.	Rs.5000-150-8000/-	no 1 & 2.
		5. Mr.T. K. Sarangi	Gen.	Rs.5000-150-8000/-	(See note 5)
	·	6, Mr, S.C. Mall	Gen.	Rs.5000-150-8000/-	
	i	7. Mr. P.K. Sahu	Gen.	Rs.5000-150-8000/-	
		In the Panel:			

2. Mr. B. K. Sahu 3. Mr. M.K. Das 4. Mr. K.K. Sahu	Gen. Gen. Gen.	Rs.5000-150-8000/- Rs.5000-150-8000/- Rs.5000-150-8000/-
5. Mr. G. K. Rath 6. Mr. B.K. Panda	Gen. Gen.	Rs.5000-150-8000/- Rs.5000-150-8000/- Rs.5000-150-8000/-
7. Mr. S.C. Mallick	Gen.	Rs.5000-150-8000/-

- 1. In case of Asst. Registrar and Asst. Librarian, University level pay scales (Rs.8000-275-13500/-) are yet to be implemented in the Institute. Therefore appointment may be given at the REC scale of Rs.6500-200-10500/-. In the event of announcement of new scales, the incumbents may be reviewed for up gradation of scale by duly constituted selection committees.
- 2. For the post of Librarian no body was found suitable. Two candidates who applied for the post of Librarian (1) Mr. M. Madan and (2) Mr. Y. Srinivas Rao have been offered lower posts in the level of Asst. Librarian.
- 3. No body was found suitable for the post of Jr. Assistant, Hindi (SC) and Laboratory Assistant, Chemistry (SC). The posts will be re-advertised.
- 4. Panels have been recommended for posts of Asst. Librarian, Technical Assistant (Civil) and Asst. Superintendent (Internal Candidates). Candidates may be given appointment as vacancies arise. The panels will be valid till 09.02.2008, (i.e., for a period of one year) or preparation of fresh panel which ever is earlier as per Central Government rules. The panel will not be valid for new posts created, unless explicitly approved by the Ministry.
- 5. In case of the selection of Asst. Superintendent/ Accountant (General) by internal advertisement, 2 candidates have more than 24 years of total experience and more than 12 years in the post of Sr. Assistant. They may be posted as Superintendent in the scale of Rs. 5500-175-9000/-. As decided by the BOG in its 11th meeting, they have been deemed to have received one ACP promotion and then recommended for posting in the scale of Rs.5500-175-9000/-. It is suggested that for the 2 candidates the ACP be given with effect from the date when they completed 24 years of total service and 12 years of service as Sr. Assistant or 1.4.2004 whichever is later. The starting pay in the scale of Rs.5500-175-9000/- will be worked out accordingly. No arrear is to be paid. For all other candidates who have been recommended for the post of Asst. Superintendent / Accountant, the time spent in the scale of Rs.5000-150-8000/- will count towards future ACP promotions.

Director was advised to issue appointment letters to the selected candidates as recommended by the selection committee.

BOG - 12(2007)-25/4: Proposal for appointment of stipendiary assistant (Engineering, Technical, Horticulture, Food and nutrition, Cleanliness and sanitation, IT services and Paramedical services etc.)

The Institute needs several services in varying amounts. The sanctioned positions under most of these categories are not adequate to meet the demands of a growing Institute of national importance. To supplement the regular man power, it is proposed to hire some qualified people on medium term contract. This arrangement will help the Institute to get over shortage of man power and shall help young people to gain valuable experience for future employment. This Institute shall be serving the dual purpose of supporting its core activity and producing trained manpower for the society.

The following are the conditions of appointment:

Post: Stipendiary Assistant

	Stipendiary Assistant		
SI, No.	Specialization	Qualification	Job function
1	Engineering (SE)	Diploma in Civil,	To assist in
		Electrical, Electronics,	civil/electrical or other
		Mechanical or other	construction and
		Engineering	maintenance jobs
2	Technical (ST)	B. Sc. or Diploma	To assist in
		Engineering or 1 <sup>st</sup>	laboratories and
		Division matric + ITI	workshops
		certificate	
3	Horticulture (SO)	B. Sc. ( Ag) or B.	To assist in
		Sc.(Botany)	development and/or
			maintenance of lawns
			& gardens and
	<u> </u>		plantation
4	Food & Nutrition (SO)	B. Sc. or Diploma in	To assist in
		Nutrition or Diploma	maintaining quality of
		in Hotel Management	food & hygiene in hostel messes and in
			canteens
5	Cleanliness & Sanitation (SE / SO)	Diploma in Civil	
3	Cleaniness & Sanitation (SE / SO)	Engineering or Hotel	maintenance of toilets
		Management	and sewerage system
		Management	in Institute and
			hostels buildings
6	IT service (SO)	Diploma in Computer	To assist in
•		Science or graduate	maintenance of
		with training in IT	computer services in
			departments and in
			office automation
7	Paramedical services (SO)	Diploma in Pharmacy	To assist Institute
		or other paramedical	Medical services.
		sciences	
8	Architecture (SA)	Diploma in	To assist in planning
		Architecture	and construction

**Tenure:** One year on contract, renewable in steps of one year or less on satisfactory performance for a maximum duration of 3 years in total. [Any renewal beyond three years in one's career shall be strictly forbidden, even with gaps in between]

Age: First appointment within 2 years of leaving full time study in college or school, or before completing 23 years of age.

No extension to be given beyond 25<sup>th</sup> birthday or 3 years of contractual service whichever is earlier.

Selection: Through local advertisement, trade test and interview.

Accommodation: Hostel or similar shared accommodation may be provided if available.

Remuneration: Rs. 5000/- (Rupees five thousand only) consolidated per month. In exceptional cases, where a candidate renders a service leading to significant saving of expenditure to the Institute, the Director may enhance the remuneration during second and 3<sup>rd</sup> years, within a limit of Rs.7500/- per month.

Number of positions: Not to exceed 20 at any time.

The Board approved hiring of stipendiary personnel on contract as proposed above. Their designations will be "Stipendiary Engineer" (SE) or "Stipendiary Officer" (SO) or "Stipendiary Technician" (ST) or "Stipendiary Architect" (SA) depending on specialisation. They will always work under a mentor and will be given a certificate on completion of tenure.

### BOG – 12(2007)–25/5: Proposal for creation of positions of Emeritus Professors of the Institute

With increase in student strength the Institute is anticipating shortage of faculty personnel. This situation will become worse when IITs recruit faculty in large scale and active faculty of NIT migrate to IITs. The shortage can be partly offset by hiring retired professors as Professors Emeritus. It is however, necessary to set certain standards to ensure that these faculty members contribute to the departments both in research and teaching. The following proposal was considered by the Board.

- 1. Post: Professor Emeritus:
- 2. Number of positions: 10 maximum
- 3. Qualification and experience:
  - (a) Retired professor of NIT Rourkela or comparable institute (IIT, NIT, reputed Government or private college, R&D lab industry or Government) with a Ph. D. degree.
  - (b) Should be active in research and teaching, the indicators of such activity being:
    - (i) Principal Investigator of sponsored project of value not less than Rs.15.00 lakhs obtained through personal initiative during 3 years preceding the selection, or

- (ii) Supervision of at least one full time resident Ph. D. student during 3 years preceding the date of selection or
- (iii) Publication of one text book by a reputed Indian or Foreign publisher during 3 years preceding the date of selection.
- (iv) Two publications in international referred journals during the past 3 years.
- 4. Job Function: The Emeritus professor is expected to teach at least 2 theory courses in every semester. In addition he is expected to carry out research, supervise students, set up laboratories or research programmes and take initiative in bringing sponsored projects to the department. Extension beyond one year will depend on satisfactory performance in at least three areas.
- 5. Remuneration: The Professor may be paid a gross salary equal to his last pay minus pension drawn if any. In case faculty members who retired with CPF, an equivalence to pension may be calculated as per Central Government guidelines subject to a maximum of Rs 20,000/-.
- 6. Selection: The Institute shall make proactive effort to invite faculty members from around the country. Their bio-data will be reviewed by a penal of at least two experts drawn from IISc, IITs, universities and other NITs. Director shall be the Chairman of the panel. An interview may be arranged if felt necessary by the Board.
- 7. Leave and vacation: The Professor will be entitled to 8 days of casual leave, and 60 days of vacation. Absence beyond this will be treated as extraordinary leave without pay to the extent of 30 days in a year.
- 8. Accommodation: Residential accommodation will be provided if available.

The Board approved the proposal and authorized Director for implementation.

# BOG - 12(2007)-25/6: Payment of arrear retirement benefits to retired employees.

The REC had a rule of computing pension amount based on the salary drawn at the end of the 58th year although an employee retired on completion of 60 years. This rule was struck down by the Hon'ble Supreme Court of India when 48 employees filed a case. In response to the judgement of the Hon'ble Supreme Court of India on case No. OJC No. 12994/98, 8121/99 and 10125/99 and subsequent advice from Government of Orissa vide Letter No. IV.TTY-54/03/18896/I dt 05.11.2003, the Institute revised the rate of pension of all retired employees, vide office order no. NITR/Estt/6386 dt 24.06.2004. Arrear dues have been paid in full to the 48 pensioners who went to court. 50% arrear dues have been paid to all other pensioners towards the Central Government contribution. The Institute has written to State

1/2

Government for the balance 50% which constitutes the state contribution. The total sum due from the State Government is worked out to be Rs. 29, 31, 657/-. The State Government has been requested to remit the amount to the Institute vide letter no. NITR/Acct/354 dt 11.09.2006. The Board was requested to consider the subject and advise.

The Board considered the subject and felt that the arrear dues can be paid only after receiving the contribution for the State Government. The Director was advised to pursue the matter with the State Government, so that retired employees can get their legitimate dues at old age.

[Annexure - A9]

The meeting ended with thanks to the Chair.

Sunil Kr Sarangi

Director & Secretary Board of Governors

Dr. Bansidhar Panda

Chairman Board of Governors

# ANNEXURE-A1

#### <u>UNIT – 1</u>

#### **CURRENT INSTITUTION INFORMATION**

#### 1.1 INSTITUTIONAL IDENTITY

1.1.1 Name of the Institution: National Institute of Technology, Rourkela

# 1.1.2 Names of Head of Institution and Nodal Officers for Academic Activities, Civil Works, Procurement and Financial Aspects

Head & Nodal Officer	Name	Phone Numbers (STD code: 0661)	Mobile Number	Fax Number (STD code: 0661)	E-mail ID
Head of the Institution	Prof. S.K. Sarangi	2452001 (O) 2463001 (R)	09437041081	2472926	director@nitrkl ac.in
TEQIP Coordinator	Prof. G. Panda	2462455 (O) 2463455 (R)	09437048906	2462963	gpanda@nitrkl ac.in ganapati panda@gmail com
TEQIP Co-Coordinator	Prof. B. B. Biswal	2462181 (O) 2463181 (R)	09437158476	2474840 2462963	bbbiswal@nitrkl ac in bibhuti biswal@gmail.com
Nodal Officers (TEQIP) for:	ослов образования в простительной простительной простительной постительной поститель	44 г. Ж. оф у Министриција, од циноски је <sub>се о</sub> д од устуго у се од не од откого от Мо <b>лист</b> ор Совет од од од од о	, · · · · · · · · · · · · · · · · · · ·	Burgagad ag et Michellan eine er er er ar ar ar andersone eine der eine Andersone eine der eine der eine der e	
Academic Activities	Prof. S. K. Rath	2462357 (O) 2463357 (R)	09437222334	2472926	skrath@nitrkl.ac.in
Civil Works	Prof. A.K. Sahoo	2462321 (O) 2470409 (R)	09937586208	2472926	aksah∞@nitrkl ac in
Procurement	Sri S.K. Upadhyaya	2462021 (O) 2463021 (R)	09437153285	2472926	sku_seema@rediffmail.com registrar@nitrkl.ac.in
Financial Aspects	Prof. S. K. Patra	2462457 (O) 2463457 (R)	09437221578	2462963	skpatra@nitrkl.ac.in

#### 1.2 ACADEMIC INFORMATION

#### 1.2.1 Engineering Programmes offered in 2003-2004

S. No.	Title of Programme	Level	Duration (Years)	Year of starting	Sanctioned Annual Intake	Total Student Strength
LARGEMENT IN CONTRACTOR	Graduate Programmes		1		1 / Comment	1 00000
1	Ceramic Engineering	UG	4 years	1994	30	68
2	Civil Engineering	UG	4 years	1961	. 30	110
3	Chemical Engineering	UG	4 years	1961	30	115
4	Computer Science & Engineering	UG	4 years	1986	60	193
5	Electrical Engineering	UG	4 years	1961	60	255
6	Electronics & Instrumentation Engineering	UG	4 years	1987	30	134
7	Mechanical Engineering	UG	4 years	1961	60	270
8	Metallurgical & Materials Engineering	UG	4 years	1961	30	124
9	Mining Engineering	UG	4 years	1980	30	73
10	Electronics & Communication Engineering	UG	4 years	2005	30	68
Post G	raduate Programmes		**************************************	•		
11	Geotechnical Engineering	PG	2 years	1971	36	6
12	Structural Engineering	PG	2 years	1971	36	16
13	Electronic Systems & Communication	PG	2 years	1971	36	27
14	Power Control & Drives	PG	2 years	2005	36	12
15	Coal Chemical & Fertilizers	PG	2 years	1981	36	8
16	Bio Chemical Engineering & Biotechnology	PG	2 years	2007	18	11
17	Machine Design & Analysis	PG	2 years	1971	36	22
18	Production Engineering	PG	2 years	1971	36	23
19	Thermal Engineering	PG	2 years	1971	36	14
20	Metallurgical & Materials Engineering	PG	2 years	1995	36	12
21	Computer Science	PG	2 years	2004	36	28
22	Telematics & Signal Processing	PG	2 years	2001	36	24
23	VLSI Design & Embedded System	PG	2 years	2005	36	15
24	Ceramic Engineering	PG	2 years	2005	18	8

1.2.2 Total strength of students in all courses and all years of study in

a) 2003-2004:

1515

b) 2006-2007:

1833

1.2.3 Total women students in all courses and all years of study in

a) 2003-2004:

209

b) 2006-2007:

202

1.2.4 Total ST students in all courses and all years of study in

a) 2003-2004:

99

b) 2006-2007:

144

1.2.5 Total SC students in all courses and all years of study in

a) 2003-2004:

140

b) 2006-2007:

200

1.2.6 Total OBC students in all courses and all years of study in

a) 2003-2004:

No OBC quota under NIT system as on date

b) 2006-2007:

No OBC quota under NIT system as on date

#### 1.2.7 Doctoral Programmes

a) Total number of candidates that obtained PhD from the institute up to 2004-2006:

b) Total number of candidates currently registered for PhD:

77

18

#### 1.2.8 Accreditation Status of Programmes

Level of Programs	Total Number of Programs being offered	Accredited in		Number of Programs for which Accreditation Applied for	
	Programs being offered	Engible for Accreditation	2004	2006	Accreditation Applied for
Under Graduate	10	9	9	6	3
Post Graduate	14	9	5	5	9

#### 1.3 TEACHING STAFF STATUS

#### 1.3.1 Regular / On-Contract Teaching Staff as on October 31, 2006

Type of Staff	No. Sanctioned	ed Status	Number in Position by Highest Qualification						7-4-131	7-4-1
			PhDs		Post-graduates		Degree Holders		Total Number	Total
			Engg.	Other	Engg.	Other	Engg.	Other	in Position	Vacancies
Deslares	20	Regular	20	02			-		44	14
Professors	36	CAS	15	04	03			-		
Assistant	64	Regular	13	02	03	-	-	-	51	14
Professor	54	CAS	28	04	01	-				
Lecturer	90	Regular	01	03	14	04			38	19
		Senior scale	02	02	12			-		

#### 1.3.2 Visiting Faculty / Part-time Teaching Staff as on October 31, 2006

Level for which		Total Hours					
Engaged	P	PhDs Post-graduates		Degree Holders		Taught / Week	
Engaged	Engg.	Other	Engg.	Other	Engg.	Other	1 raught/ week
UG Teaching	01	-	01		**	-	30
PG Teaching			-				-

- 1.4 AVERAGE RECURRENT COST PER STUDENT: Rs.80, 000/- (approx)
- 1.5 CURRENT TEACHER-STUDENT RATIO: 1:12.5

#### **UNIT - 2**

#### 2.0 Institutional Vision:

To be a world class pace-setting Technical Institute for imparting quality education to students from diverse back grounds capable of mastering the art of Technology in Engineering and allied sciences to meet the global challenges necessary for successful career entry, development and advancement and to serve as a technological think tank for our country and the world at large.

#### 2.1 Identify the part of the Vision you plan to achieve during the current project-life (i.e. your Pragmatic Future)

To improve the total quality of UG and PG standard of teaching, research and consultancy through the development of the better infrastructures, sharing of the common resources through networking with other institutes in the network. To utilize the knowledge base for improving the social and economic conditions of the weaker section of the community in the neighbourhood.

#### 2.2 Indicate key activities in order of priority to achieve your pragmatic future as stated in item 2.1

- Modernization/Up-gradation of laboratory facilities of the different departments of the Institute for imparting effective student training as well as for advanced research activities.
- 2. Introduction of new PG programmes, increasing the existing PG strength in high demand branches of Electronics & Telecommunication and Computer Science & Engineering.
- 3. Strengthen Quality Improvement programmes, training of existing faculty and recruitment of new faculty members.
- 4. Sharing of resources and man power of other institutes in the network for enhancing knowledge base.
- 5. Utilization of the upgraded research facilities to interact with the different industries in the nearby locality and to have a strong industry-institute interaction.
- 6. To improve social and economical status of the weaker section in the neighborhood utilizing the knowledge base.
- 7. To develop center of excellence in some selected and emerging technologies.

#### Key activities and percentage contribution of these key activities towards achieving the vision

	Key Activities	Percentage Contribution
1.	Enhancing quality of existing UG programme	35
2.	Consolidation of existing PG programmes and introduction of new PG programmes on emerging technologies	20
3.	Strengthening R & D activities and industrial consultancy	25
4.	Quality enhancement and resource sharing through networking	10
5.	Community development and services	05
6.	Tribal development	05
	Total	100

#### <u>UNIT – 3</u>

#### IMPLEMENTATION OF INSTITUTIONAL REFORMS

Please give brief statement about processes and activities that would be undertaken to implement the reforms.

	Academic Reform	Activities to be under taken in brief	Indi	cate starting an	d completion	time
	Academic Rolomi	Activities to be under taken in orier	2004-05	2005-06	2006-07	2007-08
		Wide choice of electives in the curriculum.		-	<u> </u>	1
		More thrust towards emerging technologies.				
1.	Flexibility in academic programmes	<ol> <li>Interdepartmental and industry sponsored projects both at UG and PG levels.</li> </ol>		_		
•	reviewy in adademic programmes	Increased industry institute interaction.		<del></del>		1
	·	Increasing non-formal networking interactions by collaborating with University College of Engg. Burla, and Silicon Institute of Tech. Bhubneswar to introduce new electives in the emerging technologies.				
2.	Introduction of reforms in student performance evaluation.	Continuous student evaluation system through internal assessment, class test, quizzes, home assignment, term paper, mid-term examination etc.				
		Introduction of SGPA, CGPA in UG / PG level.		<del>\</del>		<u> </u>
3.	Establishment of a system for teacher performance appraisal by students, and teacher counseling.	Introduction of teacher performance appraisal on the basis of course feedback system by the students.		-		
		Two advance increments for obtaining Ph.D. degree in the lecturer grade.				
4.	Providing incentives to faculty for participation in continuing education	Career Advancement Scheme (CAS) exists for promoting a quality teacher to higher posts even if there is no regular vacancy.		•		
	progammes, consulting services, services to community and industry and for securing sponsored research & development	Incentives for carrying out consultancy services ranges from 25% to 80% depending on the type of consultancy.				
	projects.	10% of the institute overhead of the sponsored research projects is allotted to PI for faculty development.				
		Necessary infrastructure for carrying out sponsored research projects is provided by the institute.				

5.	Establishment of a system for recognizing merit and outstanding performance of teachers	Introduction of a new self appraisal form for teachers for recognition of their merit. Outstanding teachers will be awarded on the basis of appraisal report.		<del></del>
6.	Offering service packages that would attract and retain good quality faculty	Same as stated in 3.4.      Deserving persons will be recommended to receive attractive packages at the entry level.	<del></del>	
7.	Establishment of a system for maintaining record of graduates and conducting regular	The track records of all graduates are maintained by Alumni Association and they are also updated each year during the Annual Alumni meet. The institute will also carry out regular tracer study to know the status of passed out students.	•	
	tracer studies	Strengthening the activities of existing Alumni centres.	<b>-</b>	
		Development of new regional Alumni centres.	<del></del>	i i
8.	Establishment of a governance system with participation of stakeholders	The governance system includes student representatives in the senate and various other committees, participation and representation of teachers in different bodies, representatives of Alumni, industries and different academic institutions in BOG/senate/works committee, existence of disciplinary committee, grievance committee etc.	-	
9.	Establishment of a modern management system-delegation of decision making, administrative and financial powers to senior functionaries with accountability.	A modern management system has been introduced which features decentralization of powers and functions, delegation of responsibility and accountability. (Detailed in Annexure-I).	-	
10.	Modernization of administrative and financial management system to increase staff and student friendliness, increase time efficiency and resource efficiency	Introduction of office automation system for the entire administrative, examination, library and financial management system to increase efficiency, staff-student friendliness and resource efficiency.		
11.	Establishment of Corpus Fund for development activities, a staff development fund for supporting critical staff development activities, Depreciation Fund for modernization of teaching and training facilities and Maintenance fund for up keep of equipment and physical infrastructure	Available		

	Conduct of QIP programme.			
12. Instituting measures for increasing recovery	Solving industrial technical and software problems through industrial consultancy cell.			
of cost of education.	Sponsored research projects.	[		
	Increasing institute alumni interaction.	(		
	For maximizing the resource utilization following activities are proposed:  1. Sharing of laboratory facilities among different departments of the institute for imparting efficient laboratory training to students.			``
13. Instituting practices for maximizing utilizing	Specialized laboratories grouped as common institute facilities to promote inter-departmental, inter institutional and industry-institute interaction.			
of resources and reducing wastage	Institute computer centre to remain open round the clock to the students.			
	Departmental research laboratories to be accessible to the research scholars, M.Tech. and final year B.Tech. students round the clock.			
	5. Encouraging the maximum use of library and e-library facilities and extending the circulation period of library.			
	ISO certification for Electronics & Telecommunication     Engineering Department and Computer Science &     Engineering Department.			
14. Establishment of mechanisms for regular quality and efficiency audit of institutional	Academic audit through Senate.	ţ	1	
activities including academic processes ad	Accreditation report by NBA.			
administrative procedures	Introduction of new purchase system.			
	Internal and external audit by CAG.	(		

#### <u>UNIT – 4</u>

#### **ACADEMIC EXCELLENCE**

#### 4.1 PRIORITIES

S. No.	Objectives	Priority
1.	Improving undergraduate teaching/learning processes through better curricula, better faculty competence, better delivery, better interaction, development of proper attributes and exposure to industrial practices	02
2.	Increasing facilities for under graduate education, equipment LRs, Internet access etc.	01
3.	Increasing efficiency and effectiveness of the education process through better academic discipline and improved governance	05
4.	Improving post-graduate admission to M. Tech and Research programs through better structuring of offerings and increased facility.	03
5.	Improving sponsored research and consultancy activities	04
6.	Any other objectives (creation of centre of excellence in some selected areas).	06

#### 4.2 CURRICULUM REVISION

#### 4.2.1 Reorientation/Restructuring/closure of UG/PG Programmes:

#### 4.2.2. UG/PG Programmes to be re-oriented:

Name of the Programme		Indicate starting and completion time		e
Name of the Programme	2004-05	2005-06	2006-07	2007-08
Metallurgical & Materials Engineering				
2. Ceramic Engineering				+
3. Electrical Engineering				

#### 4.2.3. UG/PG Programmes to be restructured

Name of the Programme to be Restructured	Restructured Name	Indicate starting and completion til   2004-05   2005-06   2006-07   20			on time
Name of the Programme to be Restructured	Restructured reality				2007-08
Computer Science Engineering & Application	Computer Science & Engineering (CSE)			4	
Electronics & Instrumentation Engineering	Electronics & Communication Engineering (ECE)				

#### 4.2.4. UG/PG Programmes to be closed:

- 1.
- All part-time and self-finance PG programme closed. M Tech program in coal, chemical and fertilizer closed. 2.
- M Tech program in industrial, metallurgy/ferrous process metallurgy closed.

#### 4.2.5. Curriculum Improvement /Up-gradation of curricula

Name of the curricula to be improved	Indicate starting and completion time			
Name of the curricula to be improved	2005-06	2006-07	2007-08	
Ceramic Engineering				
Chemical Engineering				
Civil Engineering				
Computer Science & Engineering				
Electrical Engineering				
Electronics & Instrumentation Engineering		4		
Electronics & Communication Engineering		4		
Mechanical Engineering				
Metallurgical & Materials Engineering				
Mining Engineering				

#### 4.3 MODERNIZATION OF LABORATORIES AND WORKSHOPS INCLUDING REMOVAL OF OBSOLESCENCE

			Indicate starting and completion time		
Department	Name of the Lab / Workshop	Purpose/linkage to the existing programme	2005-06	2006-07	2007-08
Ceramic Engineering	Advanced Materials Processing & Characterization Lab		4		
Chemical Engineering	Bio Technology	<del></del>	<del></del>		
Civil Engineering	Environmental Engineering lab		<del></del>		
Computer Science & Engineering	Data Communication & Computer Networking Lab.	The modernization of these laboratories	4		
Electrical Engineering	Advanced Power Electronics Lab, Communication and Signal Processing Lab.	basically aims at improving the existing infrastructures for imparting better training of UG and PG students. Better infrastructural facilities will also lead to increase recease.	4		
Electronics & Communication Engineering	Digital Signal Processing Lab.	facilities will also lead to increase research activities and consultancy services.	4		
Mechanical Engineering	Heat Transfer Equipment Lab				
Metallurgical & Materials Engineering	Process Metallurgy Lab		4		
Mining Engineering	Mine Environment & Safety Engineering Lab.		4		

#### 4.4 NEW PROGRAMMES PROPOSED

	1	Deanced	Desmonduces	AICTE A	pproval
Name of the Programme	(UG/PG)	Proposed Annual Intake	Proposed year or starting	Obtained Yes/No	Applied for (Yes/No)
M.Tech. – Bio Chemical Engineering & Bio Technology	PG	18	2007-08	No	Yes
M.Tech. – Power Control & Drives	PG	18	2005-06	No	Yes
M.Tech VLSI Design and Embedded System	PG	18	2005-06	No	Yes

#### 4.5 AREAS OF DOCTORAL PROGRAMMES

a) Please indicate whether starting of Doctoral Programme is envisaged, and if yes indicate the areas and demonstrate capability to support the same.

The institution has produced 181 Ph.D.s till date in various Engineering and Science Depts. Experienced and competent faculty available in the above specializations. Some of the areas in which Ph.D. work is being continued and pursued are indicated below:

S. No.	Department	Specialization Area
1.	Ceramic Engineering	Nano and Advanced Ceramics.
2.	Civil Engineering	Structural Engineering, Water Resources Engg., Geo-Technical Engg.
3.	Chemical Engineering	Bio- Technology supported by Fluidization and Reaction Engineering
4.	Computer Science & Engineering	Software Engineering, Database Engineering, Distributed Computing, Image Processing.
5.	Electrical engineering	Soft Computing & Applications, Power Electronics & Drives, Signal & Image Processing, Non Linear System Identification & Control, Antenna Systems, Characterization of Dielectrics, Embedded Systems & Applications.
6.	Electronics & Communication Engineering	VLSI Design & Embedded Systems, Digital Signal Processing, Soft Computing & Telecommunications, Intelligent Instrumentation, Mobile Communication
6.	Materials and Metallurgical Engineering	Fatigue & Fracture of Metals, Characterization of Irradiated PET fibres, Non – oxide Ceramics, Plasma Processing & Coatings, Cermets, FRP Composites
7.	Mechanical Engineering	Heat Transfer & Cryogenics, Vibration & Robotics, Metal Cutting & Metal Forming.
8.	Mining Engineering	Mine Environments, Rock Mechanics, Mine Safety Engineering.
9.	Bio-Technology & Medical Engineering	Bio-Technology & Medical Engineering
10.	Central Workshop	CNC Machining, Advanced Welding Techniques, Electrical/Electronic workshop

#### b) In relation to Doctoral Programmes indicate requirements for assistantships / fellowships.

22 nos. of persons are being provided fellowship for doctoral programme since January 2006.

#### 4.6 ESTABLISHMENT OF NEW LABORATORIES AND WORKSHOPS

	Department Name of the		Department Name of the Purpose/linkages to an existing/new programme		Indicate starting and completion time			
	Department	Lab/Workshop	Purposedifikages to all existing mem programme	2005-06 2006-07		2007-08		
	Advanced Nano Cerami		To conduct research activities in the area of Nano					
1.	. Ceramic Engineering	Processing Lab.	Ceramics.					
2.	Electronics &	Digital Image & Speech To support existing PG and new PG programmes and						
	Communication	Digital Image & Speech Processing lab	conducting research in the areas of DSP and Soft	1		1		
	Engineering	Frocessing ido	Computing.	,				
3.	Chemical Engineering	Bio Technology Lab.	To carry out research on Bio Technology.	+		1		

#### 4.7 ADDITIONAL FACULTY AND STAFF REQUIRED \*

Purpose	Designation	Numbers
	-	

#### 4.8 FACULTY DEVELOPMENT (LOCAL & FOREIGN FELLOWSHIP PROGRAMMES)\*

			Training Duration						
	Area of Training	Withle	n India	Abroad					
		No. of Persons	Person months	No. of Persons	Person months				
1.	Training in Emerging area	40	20	20	10				
2.	New techniques in research	50	50	20	10				
3.	Development modern learning resources	08	24	\$+6					
4.	Improved compliances in UG/PG laboratories	28	14	••	-				
5.	National and International conferences	60	12	48	16				

#### 4.9 STAFF DEVELOPMENT (WITHIN INDIA ONLY)

Functional areas of Training	Training C	Ouration
ranctional aleas of fraining	No. of Persons	Person months
Training on handling sophisticated instruments/equipments	36	18
2. Training on software	24	12
3. New Lab programme	16	08
4. Training on MIS	24	12
5. Training on Hardware and Networking	08	04

#### 4.10. IMPROVED IMPLEMENTATION OF CURRICULA

		Indicate starting and completion time					
	Activity	2005-06	2006-07	2007-08			
1.	Use of modern teaching aids						
2.	Incorporation of industry feed back	4					
3.	Incorporation of alumni feedback	4					
4.	Invited experts/lecturers from industry						
5.	Exchange of faculty with network partners	-					

#### 4.11 IMPROVEMENT IN STUDENT EVALUATION

			Indicate starting and completion time				
	<b>Activity</b>		2005-06	2006-07	2007-08		
1.	Continuum student performance assessment and feedback to students	-	po Mari (de freguesia a a principa principa de la caración de la caración de Maria d	And the second s	Comments of the second		
2.	Organization of remedial measures	-			1		
3.	Extensive use of media	-					
4.	Invited expert lecturers from industry and field	-					
5.	Problem solving projects from industry and community		an an an Maria Anna an	- de-company of the second sec			
6.	Innovations in teaching methodology	-					
7.	Visits to and training in industry	-					

#### 4.12 RESEARCH AND CONSULTANCY

	Indicate starting and completion time					
Activities to be taken for implementation	2005-06	2006-07	2007-08			
Establishment of Research Promotion and Coordination Cell	- Constitution of the Cons					
Establishment of Consultancy Cell		and the house of the second of				
Organizing state of the art lectures						
4. Creating R&D facilities for faculty / students						

#### 4.13 ENHANCED INTERACTION WITH INDUSTRY

			Indicate starting and completion time					
	Activity	2005-06	2006-07	2007-08				
1.	Establish I-I-I Cell (SRICCE Cell)	***************************************						
2.	Conduct Continuing Education Programmes	4						
3.	Organizing Industrial training of faculty	4						
4.	Industrial training of students	4						
5.	Undertaking Consultancy							
6.	Hosting industry R&D centers	4						

#### 4.14 TRIBAL DEVELOPMENT PLAN (TDP)

		Indicate :	Indicate starting and completion time					
	Identified Activities	2005-06	2006-07	2007-08				
1.	Special coaching for Entrance tests							
2.	Remedial teaching	-						
3.	Book bank							
4.	Self learning Package		1					
5.	Grievance redressal							
6.	Guidance and counseling							
7.	Training Programme on Application Software – (i) OOP with C++, (ii) STADD Pro & Pulse, (iii) LabView, (iv) CAD/CAM, (v) MATLAB	-						

#### <u>UNIT – 5</u>

#### **NETWORKING**

#### 5.1 FORMAL NETWORKING

a) Name of the 1<sup>st</sup> Network Partner: Visvesvarya National Institute of Technology, Nagpur.

Planned bi-directional activities planned with 1st Network Partner

	Activities/services/support which outgo from your institution to the	Indicate start	ting and com	pletion time	Areas of support to be received from Network	Indicate starting and con		npletion time	
	network Partner No 1	2005-06	2006-07	2007-08	Partner No. 1	2005-06	2006-07	2007-08	
1.	R & D Consultancy Project	4				4			
2.	Quality Improvement of faculty	+				4			
3.	Sharing of learning resources	4		i	Joint research and	<del></del>			
4.	Distance Education programme				consultancy projects, Faculty				
	through video conferencing				exchange, Facilities for staff				
5.	Expert Lecturers				training (need based) in	4			
6.	Joint Development projects				specialized areas, sharing of	<del></del>	į		
7.	Sharing of Laboratory facilities	The state of the s		Francisco Maria Ma	laboratories.				
8.	Facilities of staff training in specific								
	(need based) areas				l				

b) Name of the 2<sup>nd</sup> Network Partner: University Institute of Technology Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal Engineering College, Bhopal.

Planned bi-directional activities planned with 2<sup>nd</sup> Network Partner

Activities/services/support which outgo from your institution to the	Indicate star	ting and com	pletion time	Areas of support to be received from Network	Indicate sta	Indicate starting and comp	
network Partner No 2	2005-06	2006-07	2007-08	Partner No. 2	2005-06	2006-07	2007-08
9. R & D Consultancy Project	4	A CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRE					
10. Quality Improvement of faculty	-				-		
11. Sharing of learning resources	-			Joint research and	4		
12. Distance Education programme				consultancy projects, Faculty			
through video conferencing				exchange, Facilities for staff			
13. Expert Lecturers	<del></del>			training (need based) in	+		
14. Joint Development projects	4	5-04-0-04-0-04-0-04-0-04-0-0-0-0-0-0-0-0		specialized areas, sharing of	-		
15. Sharing of Laboratory facilities	-			laboratories.	<del></del>		
16. Facilities of staff training in specific							
(need based) areas							

## c) Name of the 3rd Network Partner: National Institute of Foundry & Forge Technology, Hatia, Ranchi

Planned bi-directional activities planned with 3rd Network Partner

Activities/services/support which outgo from your institution to the	Indicate star	ling and com	pletion time	Areas of support to be received from Network	Indicate starting and comple		pletion time
network Partner No 2	2005-06	2006-07	2007-08	Partner No. 2	2005-06	2006-07	2007-08
17. R & D Consultancy Project	-						
18. Quality Improvement of faculty	4				4		
19. Sharing of learning resources	-			Joint research and			
20. Distance Education programme				consultancy projects, Faculty			
through video conferencing				exchange, Facilities for staff			
21. Expert Lecturers	4			training (need based) in	-		
22. Joint Development projects	4			specialized areas, sharing of	-		
23. Sharing of Laboratory facilities	4			laboratories.	4		
24. Facilities of staff training in specific							
(need based) areas						i I	

#### <u>UNIT – 6</u>

#### SERVICES TO COMMUNITY AND ECONOMY

#### 6.1 SERVICES TO COMMUNITY AND ECONOMY

a) Services to be Rendered to the Community [the community should be in the vicinity of the institution]

	Identified Activities	Indicate st	Indicate starting and completion time			
			2006-07	2007-08		
1.	Entrepreneurship development program (EDP).	<b>(</b>				
2.	Cottage Industry (smokeless chullah, Terracotta items), Book binding, cutting and Tailoring, Hand weaving of wooden Fabrics.		·			
3.	Development of low cost sanitation system, water harvesting.	<b>-</b>				

b) Services to be extended to the unorganized labour force

	Identified Activities	Indicate starting and completion to		
	identified Activities	2005-06 2006-07 2		2007-08
Tra	ning local tribal for skill development in arts and craft through local bodies.	-		
1.	Short term training and awareness programme for the following:			
	(a) Carpentry			
	(b) Plumbing			
	(c) Clay craft and pottery.			
	(d) Welding			
	(e) Computer Awareness			
2.	Water filtration for drinking purposes and health care.	-		
3.	Development of electronic equipment maintenance cell.	4		

#### c) Services to be extended to the organized labour force

	Identified Activities	Indicate starting and completion time					
		2005-06	2006-07	2007-08			
1.	To arrange need based short time training programme for local industries,						
2.	Continuing education programme in VLSI technologies and various manufacturing processes.						
3.	Interpersonal Skill Development		4				
4.	CAD / CAM Course		<b> </b>				
5.	Issues on IPR		4				
6.	Computer Training for School Teachers						
7.	Management Development Programme						

**UNIT - 7** 

#### 7.1 PROMOTION OF ACADEMIC EXCELLENCE (FINANCIAL REQUIREMENT) - TOTAL OF 7.1.1 TO 7.1.5

(Rs in Million) Allocation as already approved by the NSC Year-wise fund requirement for the remaining period of Balance amount of Col 6 proposed for re-appropriation to meet priorities Expenditure up to 31.07.04 Balance available (3)-(4+5) Additional funds required to meet priorities Total project life time allocation (4+5+ 7+8) **Project** since inception Committed Expenditure Expenditure S. Category of up to 1.8.04 to 31.3.05 2005-06 2006-07 2007-08 Expenditure No. 31.07.04 + committed expenditure (3+4)(2) (3) (10) (11) (13) (14) (4) (5) (6) (7) (8) (9) (12) INVESTMENT COST Civil Works 11, 200 4.661 6.539 0 0 0 0 0 0 0 0 0 0 0 121,000 24.539 26.542 69,919 Equipment 0 0 0 0 0 0 1.246 2.254 3. 3.500 Furniture 0 0 0 0 0 0 0 Vehicles 0 0 0 0 0 0 0 0 0 0 0 0 4,459 Books and LRs 0 8.010 1.554 1.997 0 0 0 0 0 0 0 Consultancies 0 404 0 020 0.176 6 0 0 0 0 0 500 0 0 0 0 Training/Study Tours/Fellowships 7. 0 0 0 0 0 0 10.900 0 0 2.892 3.973 4.035 (Local & Foreign) Sub Total (A) 0 0 0 155.210 32.294 37.996 84,920 0 0 0 INCREMENTAL OPERATING COST Salaries for Additional Key 0 0 0 0 0 0 1 000 0 0 0 0.045 0.955 Faculty and Staff Consumables 0 0 0 3,440 0.162 0.924 2.354 0 0 0 0 0 Operation & 0 1.042 2.362 0 0 0 0 0 5 350 0 0 1,946 Maintenance 0 Sub Total (B) 0 0 9.790 5.671 0 0 0 0 0 2.108 2.011 34.402 Grand Total (A+B) 0 165.000 40.007 90.591 0 0 0 0

#### 7.1.1 TRIBAL DEVELOPMENT PLAN

(Rs in Million) Year-wise fund requirement for the re													
		already y the	5 °	_ 0	ble	15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ds	iife Sn			ment for the Project	remainin	g period
S. No.	Category of Expenditure	Allocation as airead approved by the NSC	Expenditure up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to . 31.3.05	2005-06	2006-07	2007-08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COST												
1.	Equipment	0	0	0	0	0	0	0.200	0	0	0	0.100	0.100
2.	Furniture	0	0	0	0	0	0	0.100	0	0	0	0.100	0
3.	Books and Learning Resources	0	0	0	0	0	0	0.200	0	0	0	0.100	0.100
4.	Training/Workshop	0	0	0	0	0	0	0.100	0	0	0	0.050	0.050
Sub T	otal (A)	0	0	0	0	0	0	0.600	0	0	0	0.350	0.250
(B)	INCREMENTAL OPERATING CO	OST											
5.	Consumables	0	0	0	0	0	0	0.100	0	0	0	0.050	0.050
6.	Operation & Maintenance	0	0	0	0	0	0	0.400	0	0.050	0.150	0 150	0.150
Sub T	Sub Total (B) 0		0	0	0	0	0	0.500	0	0.050	0.150	0.200	0.200
Grand	rand Total (A+B) 0		0	0	0	0	0	1.100	0	0.050	0.150	0.550	0.450

#### 7.1.2 INSTITUTIONAL MANAGEMENT CAPACITY DEVELOPMENT

(Rs in Million)

grandere, re-elfs, r		as already	as already unto	Committed Balance available (3)-(4+5)	Balance amount of	Additional	T otal	CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE	requiremen of Pro	t for the r	e remaining period		
S. No.	Category of Expenditure	as already approved by the NSC	upto 31.07.04 since inception		available (3)-(4+5)	Col 6 proposed for re- appropriation to meet priorities	funds required to meet priorities	project life time allocation (4+5+7+8)	Expenditure upto 31-07-04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005- 06	2006- 07	2007- 08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COS	T .											
1.	Training/Study Tours/Fellowships (Local & Foreign)	. 0	0	0	0	0	0	0.600	0	0	0.250	0.250	0.100
	Total	0	0	0	0	0	0	0.600	0	0	0.250	0.250	0.100

#### 7.1.3 IMPLEMENTATION OF REFORMS

(Rs in Million)		
e fund requirement for the	remaining	pe
of Project		

	artiyyys gas aptu aqaan qoo uu qaga. Itagaa qaa maaa kaab aan haa ka haridaa Caguyu	Allocation	Expenditure	ом ден об на		Balance amount of	Additional	Total	Year-wise fund	requiremen of Pro	t for the r	emaining	period
S. No.	Category of Expenditure	as already approved by the NSC	up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Col 6 proposed for re- appropriation to meet priorities	funds required to meet priorities	project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005- 06	2006- 07	2007- 08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COS	T											
1.	Books and Learning Resources	. 0	0	0	0	0	0	0.800	0	0	. 0	0.400	0.400
2.	Consultancy Services & Research Studies	0	0	0	0	0	0	0.020	0	0	0	0.010	0.010
3.	Training/Study Tours/Fellowships (Local & Foreign)	0	0	0	0	0	0	0.500	0	0	0.200	0.250	0 050
Sub	Total (A)	0	0	0	0	0	0	1.320	0	0	0.200	0.660	0.460
(B)	INCREMENTAL OF	ERATING CO	ST										
4.	Consumables	0	0	0	0	0	0	0 400	0	0	0.100	0.150	0.150
5.	Operation & Maintenance	0	0	0	0	0	0	0.600	0	0	0.250	0.250	0.100
Sub	Total (B)	0	0	0	0	0	0	1.000	0	0	0.350	0.400	0.250
Gran	d Total (A+B)	0	0	0	0	0	0	2.320	0	0	0.550	1.060	0.710

#### 7.1.4 ROJECT MONITORING AND IMPLEMENTATION

(Rs in Million)

***************************************		·	<del> </del>		<del>,</del>		·	<del>,</del>		71/2 111	million		
		Allocation	Expenditure			Balance amount of	Additional	Total	Year-wise fund		nt for the roject	remainin	g period
S. No.	Category of Expenditure	as already approved by the NSC	up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Col 6 proposed for re- appropriation to meet priorities	funds required to meet priorities	project life time allocation (4+5+7+8)	Expenditure up to 31.0704 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005- 06	2006- 07	2007- . 08
_(1)_	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COS	T											
1,	Consultancy Services& Research Studies	0	0	0	0	0	0	0.020	0	0	0	0.010	0.010
2.	Training/Study Tours/Fellowships (Local & Foreign)	0	0	0	0	0	0	0.600	0	0	0	0.300	0 300
Sub T	otal (A)	0	0	0	0	0	0	0.620	0	0	0	0.310	0.310
(B)	INCREMENTAL OF	ERATING CO	ST	AMPONING COMMENTAL CONTRACTOR CON		erek firikan filir diferanya segiantekakan bersek parapera <sub>semang</sub> gagatikan birena.			And the second s				
3.	Consumables	0	0	0	0	0	0	0.500	0	0	0	0.300	0.200
4.	Operation & Maintenance	0	0	0	0	0	0	0.500	0	0	0	0.250	0.250
Sub T	otal (B)	0	0	0	0	0	0	1.000	0	0	0	0.550	0.450
Grand	Total (A+B)	0	0	0	0	0	0	1.620	0	0	0	0.860	0.760

#### 7.1.5 FINANCIAL REQUIREMENT FOR PROMOTION OF ACADEMIC EXCELLENCE OTHER THAN TRIBAL DEVELOPMENT (7.1.1), INSTITUTIONAL MANAGEMENT CAPACITY DEVELOPMENT (7.1.2), IMPLEMENTATION OF REFORMS (7.1.3) AND PROJECT MONITORING AND IMPLEMENTATION (7.1.4)

(!	Rs	in	Mi	Ilic	n)	
ent						

-	(Rs in Million)  Year-wise fund requirement for the remaining period of													
		aiready by the	o to	<b>a</b>	ble	it of Tor n to	et g	ife on		d require	ment for the Project	remaining	period of	
S. No.	Catagory of Expenditure	Allocation alread approved by the NSC	Expenditure up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005-06	2006-07	2007-08	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
(A)	INVESTMENT COST													
1.	Civil Works	0	0	0	0	0	0	11,200	0	0	0	4.661	6.539	
2.	Equipment	0	0	0	0	0	0	120,800	0	0	24.539	26.442	69.819	
3	Furniture	0	0	0	0	0	0	3.400	0	0	0	1.145	2.254	
4.	Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Books and LRs	0	0	0	0	0	0	7.010	0	0	4.459	1.054	1,497	
6.	Consultancy Services & Research Studies	0	0	0	0	0	0	0.560	0	0	0.404	0	0.156	
7.	Training/Study Tours/Fellowships (Local & Foreign)	0	0	0	0	0	0	9.100	0	0	2.442	3.123	3 535	
Sub To		0	0	0	0	0	0	152.070	0	0	31.844	36.426	83.800	
(B)	INCREMENTAL OPER	ATING COS	T											
8.	Salaries for Additional Key Faculty and Staff	0	0	0	0	0	0	1.000	0	0	0	0.045	0.955	
9.	Consumables	0	0	0	0	0	0	2.440	0	0	0.052	0.424	1.954	
10.	Operation & Maintenance	0	0	0	0	0	0	3 850	0	0	1.546	0.392	1.912	
Sub To		0	0	0	0	0	0	7.290	0	0	1.608	0.861	4.821	
Grand	Total (A+B)	0	0	0	0	0	0	159.360	0	0	33.452	37.287	88.621	

#### 7.2 NETWORKING (FINANCIAL REQUIREMENT)

area aparen apren ano	والمعاونة والمعاونة المعاونة والمعاونة والمعاو	n' agir lancort militarat na minina katana di kalana alam alam alam alam alam alam alam	y	principalis interpretario de la companio de la comp						(Rs ir	n Million	)	
		already y the	o to		bie	at of a for a to	s ti	ife n	Year-wise fu		ement for of Project		ining
S. No.	Category of Expenditure	Allocation as alrear approved by the NSC	Expenditure up t 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005-06	2006-07	2007-08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COST												
1.	Equipment	0	0	0	0	0	0	1 200	0	0	0	0.840	0.360
2.	Training/Workshop	0	0	0	0	0	0	1.200	0	0	0.026	0.814	0.360
Sub To	otal (A)	0	. 0	0	0	0	0	2.400	0	0	0.026	1.654	0.720
(B)	INCREMENTAL OPERA	ATING COST											·
3.	Consumables	0	0	0	0	0	0	0.150	. 0	.0	0	0.100	0.050
4,	Operation & Maintenance	0	0	0	0	0	0	0.450	0	0	0	0.310	0.140
Sub To		0	0	0	0	0	0	0.600	0	0	0	0.410	0.190
Grand	Total (A+B)	0	0	0	0	0	0	3.000	0	0	0.026	2.064	0.910

#### 7.3 SERVICES TO COMMUNITY & ECONOMY (FINANCIAL REQUIREMENT)

gelantic ex casa sirronness.	i ga i nationi i ga abassi, poi i i i i i i i i i i i i i i i i i i	والراب والمراجعة والمتعادل والمتعادد والمواجعة والمتعادد والمتعادد والمتعادد والمتعادد والمتعادي	graphic territorio in conferencia propria con con contra	processor of the same of the same of							ls in Millic		
	- Annie and Anni	already ry the	o to		ble	it of 1 for n to 15	ds set	e c	Year-wise fun		ment for the for the	remainin	g period
S.o.	Category of Expenditure	Allocation as airea approved by the RSC	Expenditure up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005-06	2006-07	2007-08
<u>(1)</u>	(2)	[3]	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COST					- Magazinia - China Carini Manada - Langgangan - Manada - A			***************************************				
1.	Equipment (minimum)	0	ò	0	0	. 0	0	0.100	0	0	0	0.070	0.030
2.	Training/Workshop	0	0	0	0	0	0	0.700	0	0	0.056	0.434	0.210
Sub To	tal (A)	0	0	0	0	0	0	0.800	0	0	0.056	0.504	0.240
(B)	INCREMENTAL OPERA	TING COST							·				
3.	Consumables	0	0	0	0	0	0	0.100	0	0	0	0.070	0.030
4.	Operation & Maintenance	0	0	0	0	0	0	1.100	0	0	0	0.770	0.330
Sub To	tal (B)	0	0	0	0	0	0	1,200	0	0	0	0.840	0.360
Grand '	Total (A+B)	0	0	0	. 0	0	2.000	0	0	0.056	1.344	0.600	

#### 7.4 CATEGORY WISE TOTAL ALLOCATION

This Table is total of the figures given in Table 7.1, 7.2 and 7.3. Also provide Project lifetime allocation based on the formula given at the end of this table.

(Rs in Mi	Illo	n١
-----------	------	----

	er film fills high materia and millest his construction and a state of the film film film of the construction of the construct	already y the	up to		o pp	for for to	\$ £	<b>.</b> c	Year-wise fund		nt for the r		period of
S. No.	Category of Expenditure	Allocation as alread approved by the NSC	Expenditure up to 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005-06	2006-07	2007-08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	INVESTMENT COST												
1.	Civil Works	0	0	0	0	0	0	11.200	0	0	0	4.661	6 539
2.	Equipment	0	0	0	0	0	0	122.300	0	0	24.539	27 452	70.309
3.	Furniture	0	0	0	0	0	0	3,500	0	0	0	1.246	2.254
4.	Vehicles	0	. 0	0	0	0	0	0	0	0	0	0	
5.	Books and LRs	0	0	0	0	0	0	8.010	0	0	4,459	1.554	1.997
6.	Consultancy Services & Research Studies	0	0	0	0	0	0	0.600	0	0	0,404	0.020	0,176
7.	Training/Study Tours/Fellowships (Local & Foreign)	0	0	0	0	0	0	12.800	0	0	2.974	5.221	4 605
Sub To	otal (A)	0	0	0	0	0	0	158.410	0	0	32.376	40.154	85.880
(8)	INCREMENTAL OPERATI	NG COST											***************************************
8	Salaries for Additional Key Faculty and Staff	0	0	0	0	0	0	1.000	0	0	0	0.454	0.546
9.	Consumables	0	0	0	0	0	0	3 690	0	0	0.162	1.094	2 434
10.	Operation & Maintenance	0	0	0	0	0	0	6 900	0	0	1,945	2.122	2.832
Sub To	otal (B)	0	0	0	0	0	0	11.590	0	0	2.108	3.670	5.812
Grand	Total (A+B)	0	0	0	0	0	0	170.000	0	0	34,484	43.824	91.692

#### 7.5 COMPONENT WISE FINANCIAL REQUIREMENT

_	F	₹\$	In	Mi	111	on	)_
						-	

		already ry the	up to		*	for story	\$ \$	,e c	Year-wise fund requirement for the remaining period of Project				
S. No.	Category of Expenditure	Allocation as air approved by t NSC	Expenditure up t 31.07.04 since inception	Committed Expenditure	Balance available (3)-(4+5)	Balance amount of Col 6 proposed for re-appropriation to meet priorities	Additional funds required to meet priorities	Total project life time allocation (4+5+7+8)	Expenditure up to 31.07.04 + committed expenditure (3+4)	1.8.04 to 31.3.05	2005-06	2006-07	2007-08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Promotion of Academic Excellence (Total of 7.1)	. 0	0	. 0	0	0	0	165.000	0	0	34.402	40.007	90.591
2.	Networking (Total of 7.2)	0	0	0	0	0	0	3.000	0	0	0.026	2 064	0.910
3.	Services to Community & Economy (Total of 7.3)	0	0	0	0	0	0	2.000	0	0	0 056	1.344	0.600
	Total	0	0	0	0	0	0	170.000	0	0	34.484	43.415	92.101

#### <u>UNIT - 8</u>

#### PROGRAMME IMPLEMENTATION AND MONITORING MECHANISMS

The institution has constituted the following action groups for implementing and monitoring various aspects of the programme. A regular meeting/discussion schedule is worked out for all groups to meet and evaluate the progress with the Head of the Institutions on bi-monthly basis.

#### IMPLEMENTATION AND MONITORING GROUPS OF TEQIP PROGRAMME:

#### Monitoring Implementation of the Programme

- Director
- Dr. G. Panda Coordinator
- Dr. B. B. Biswal Co-coordinator
- . Dr. S. K. Patra
- · Dr. S. Bhattacharyya

#### **Academic**

- . Dr. S. K. Rath
- Dr. P. K. Nanda
- Dr. R. K. Sahoo
- Dr. B. Maihi

#### Research and Consultancy Cell

- Dr. J.K. Satapathy
- . Dr. R. K. Sahoo
- Dr. B.C. Ray

#### **Faculty and Staff Development**

- Dr. K.K. Mahapatra
- Dr. D.R.K. Padhi
- Dr. A.K. Panda

#### **Procurement of Goods**

- Dr. G. Panda
- · Dr. B. B. Biswal
- Dr. S. K. Patra
- Sri S.K. Upadhyaya
- · Dr. S.K. Patel

#### Networking

- Dr. B. B. Biswal
- Dr. K.C. Biswal (Civil)
- Dr. C.K. Biswas

#### Services to Community and Economy

- Dr. U. K. Mohanty
- . Dr. H. B. Sahu
- Dr. S. S. Mahapatra

#### Industry Institute Interaction

- Dr. B. B. Biswall
- Dr. Alok Satapathy
- Dr. C.R. Patra

#### Procurement of Civil works

- Dr. U. K. Mohanty
- Dr. K.C. Patra
- Dr. A.K. Panda
- Sri S.K. Upadhyaya

#### Implementation of Reforms

- Dr. S. Jena
- Dr. S. Ghosh
- Dr. A.K. Panda

#### **Tribal Development Activities**

- . Dr. K.R. Patel
- Dr. A.K. Turuk

#### **Auditing of Quality of Education**

- Dr. G.K. Roy
- Dr. T.K. Sen
- Sri B.D. Sahu

#### Ensuring Improvement in Administrative and Financial Practices

- Dr. G. Panda
- Dr. S. K. Patra
- Sri S.K. Upadhyaya

# ANNEXURE-A2

## National Institute of Technology Rourkela

## MINUTES

## 9<sup>th</sup> Meeting of Finance Committee



**DATE**: 20.09.2006 (Wednesday)

TIME: 04.00 P.M.

VENUE: Board Room, IMFA Building

Bomikhal, Rasulgarh, Bhubaneswar



#### National Institute of Technology Rourkela – 769 008 (Orissa)

MINUTES OF THE 9<sup>TH</sup> MEETING OF FINANCE COMMITTEE, NIT ROURKELA HELD IN BOARD ROOM OF THE INDIAN METALS & FERRO ALLOYS LIMITED, IMFA BUILDING, RASULGARH, BHUBANESWAR ON 20.09.2006 AT 04.00 P.M.

Chairman

Dr. B Panda, Chairman, Board of Governors and Finance Committee chaired the meeting. The following members attended the meeting.

#### Members Present:

New Delhi - 110 001.

1. Dr. Bansidhar Panda Chairman, IMFA Group, Bhubaneswar.

2. Mr. B.K. Ray ... Nominee of Director DO (IFD) Finance, MHRD MHRD, Govt. of India, Shastri Bhwan.

3. Prof Sunil K Sarangi ... Member Director, NIT Rourkela

4. Prof. G. S Rath ... Member Professor (ECE)
NIT Rourkela

5. Mr. S.K. Upadhyay ... Member & Secretary Registrar & Secretary FC,
NIT Rourkela

#### Members Absent:

1. Prof. P.K.J. Mohapatra
Professor, Industrial Engg. & Management
IIT Kharagpur

2. Dr. G.J. Jambhulkar, ... Member Dy. Educational Adviser, MHRD, New Delhi

The leave of absence was granted

m

F.C. 9 (2006)-1: Welcome to the members by the Chairman.

The Chairman welcomed all the members.

F.C-9 (2006)-2: Confirmation of the minutes of the 8<sup>th</sup> Meeting held at New Delhi on 07.02.2006 (Tuesday). No comments were received from the members. The minutes may be confirmed.

The minutes of the 8<sup>th</sup> meeting were confirmed.

F.C-9 (2006)-3: To report on the Action Taken on the minutes of 8<sup>th</sup> meeting of the Finance Committee held on 02.02.2006 (Tuesday) at Hotel Hyatt Regency, New Delhi.

The reports on the Action Taken on the minutes of 8<sup>th</sup> meeting of the Finance Committee, held on 2<sup>nd</sup> Feb.,2006 was discussed and approved.

Annexure-I

F.C-9 (2006)-4: To approve the Statement of Accounts for the year 2005 – 2006.

Annexure-II

The statement of Accounts for the year 2005-06 was presented and approved.

F.C.-9(2006)-5: To approve the Plan and Non-Plan Budget estimate for the Financial year 2007 – 08 and Revised Budget Estimate for 2006 – 07.

The Budget estimate for the Finance year 2007-08 and Revised Budget Estimate for 2006 - 07 were discussed and approved. The Administration was advised to make the budgets more realistic in future, so that the gap between funds proposed and funds received from the Ministry is minimum.

Annexure - III

F.C-9 (2006)-6: To approve House Building Advance and Children's education allowance to the employees of NIT Rourkela as per Govt. of India rules.

It was clarified by the representative of the MHRD that funds for creation of a House Building fund is not being allowed by the Government as a matter of policy. However, the Institute can tie up the Banks for House Building loans with favourable terms and conditions.

The Finance Committee approved provision for reimbursement of tuition fees only for the children of the employees up to Class-XII on production of receipt as per Government of India norms.

#### F.C-9 (2006)-7: To approve C.P.F. facilities for employees on contract.

The representative from MHRD clarified that CPF facilities can be extended to the employees on contract, if funds are available under the scheme of employment. The Finance Committee approved the proposal, but advised the administration to follow the Government procedures.

#### F.C-9 (2005)-8: To provide mobile phone facilities to Security Officer.

Sl.No	Designation	Limits				
1	Security Officer	Rs.750/- (Rupees Seven hundred				
		fifty only per month.				

Finance Committee approved payment of Rs.750/- per month with effect from 01.09.2006 towards calls made by the Security Officer.

#### F.C-9 (2006)-9: Rent free accommodation for Registrar and Security Officer.

At present rent free accommodation is provided to Director, Chief Warden, Wardens, Asst. Warden and Security personnel. The same may be extended to Registrar and Security Officer.

Finance Committee approved rent-free accommodation for Registrar with effect from 01.09.2006, but did not accept the same for the Security Officer.

#### F.C-9 (2006)- 10: License Fee for Institute quarters:

MHRD representative informed regarding revision of the rate of license fee by Government of India based on living area of accommodation w.e.f 1.7.2004 vide OM No.18011/04/2003-Pol-III of the Directorate of Estate dated 22.6.2004. This is applicable throughout the country in respect of accommodation under the jurisdiction of the GOI. Hence it was decided that the Institute would follow the guidelines of classifying accommodation and charge revised license fee from 1.1.2006. Further downward /upward revision would be linked to the Government order to be issued by the Directorate of Estate (www.estates.nic.in).

It was pointed out that most of the houses are old and in dilapidated condition. The MHRD representative informed that the Ministry is going to give a general circular to all NITs to implement a standard structure for licence fees. The F.C. decided to wait for the circular and directed the Administration to implement it when the circular is received from the Ministry.

#### F.C-9 (2006)-11: Any other item with the permission of the Chair.

Request letter from Non-Teaching Employees Association for enhance the Festival Advance to Rs.3000/- in stead of Rs.1500.

The proposal was rejected in view of the ceiling of Rs.1500/- set by the Government of India for any festival advance.

S.K. UPADHYAY

REGISTRAR & SECRETARY FINANCE COMMITTEE

I. B. PANDA AIRMAN

NANCE COMMITTEE

# ANNEXURE-A3

## National Institute of Technology Rourkela

### MINUTES

# 6<sup>th</sup> Meeting of the Building & Works Committee



DATE: 29<sup>th</sup> December, 2006 (Friday)

TIME: 10.30 A.M.

VENUE: Board Room, NIT, Rourkela

MMINUTES OF THE 6<sup>th</sup> MEETING OF BUILDING & WORKS COMMITTEE OF NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA HELD ON 29<sup>th</sup> DECEMBER, 2006 AT 10.30 AM IN THE BOARD ROOM OF NIT, ROURKELA

#### Members Present:

- Prof. Sunil Kumar Sarangi,
   Director and Chairman
   Building & Works Committee
   NIT Rourkela.
- 2. Mr. S.K. Saha, Executive Engineer (Civil) CPWD, A-17/3, Surya Nagar, Bhubaneswar – 751 003.
- 3. Mr. A. K. Das, Asst. Executive Engineer (Civil) CPWD, A-17/3, Surya Nagar, Bhubaneswar – 751 003.
- 4. Mr. S. K. Biswas, Executive Engineer (Elect.) CPWD, A-17/3, Surya Nagar, Bhubaneswar – 751 003.
- 5. Prof. U.K. Mohanty, Dean (PD), Professor, Met. & Mat. Engg., NIT, Rourkela
- 6. Prof. J.K. Satpathy,Dean (Admn.)Professor, Electrical Engg., NIT., Rourkela.
- 7. Prof. A. K. Sahoo
  Civil Engineering Department, NIT Rourkela
- 8. Prof. K.C. Patra, Professor, Civil Engg., NIT Rourkela
- 9. Prof. A. K. Panda, Visiting Professor, Civil Engg, NIT,Rourkela.
- Mr. Y.K. Sahu,
   Visiting Professor,
   Electrical Engg., NIT Rourkela.
- Prof. S.P.Singh,
   Asst. Professor,
   Civil Engineering, NIT., Rourkela.

- 12. Prof. C.R. Patra,
  Asst. Professor, Civil Engg., NIT Rourkela
- 13. Er. S.K. Upadhyay,
  Registrar & Secretary
  Building and Works Committee,
  NIT Rourkela

### Members Absent:

- Dr. G.L. Jambhulkar
   Dy. Educational Adviser (NIT),
   MHRD, Dept. of Secondary Education & Higher Education,
   Room No. 529-C, Wing, Shastri Bhawan, , New Delhi.
- Dr. Sanak Mishra, MD, SAIL, RSP, Rourkela
- 3. Prof. P.K. Nanda, Professor, Electrical Engg., NIT., Rourkela

The leave of absence was approved for all members absent.

BWC: 6 (2006) - 1: Welcome to the members by the Chairman.

Prof. S.K. Sarangi, Director, NIT., Rourkela and Chairman, Building & Works Committee welcomed all the members.

BWC: 6 (2006) - 2: Confirmation of the minutes of the 5<sup>th</sup> Meeting and matters arising out of the last Building and Works Committee held at the Board Room of NIT, Rourkela on 13<sup>th</sup> May, 2006 and action taken.

The minutes of the 5<sup>th</sup> meeting of the BWC were confirmed.

BWC: 6 (2006) - 3: Report of Action Taken on the Minutes of 5<sup>th</sup> meeting of the Building and Works Committee held on 13<sup>th</sup> May, 2006.

Report of the action taken on the 5<sup>th</sup> meeting of the BWC was discussed and following corrections were made.

- 1) The necessary corrections were made in the action taken report of the 5<sup>th</sup> meeting of the BWC, SI,No.6 and item No.BWC.5(2006)-9.
- 2) Professor A.K. Sahoo informed that the rate contract for maintenance of quarters will be finalized before 1<sup>st</sup> April, 200 as per action taken report of the 5<sup>th</sup> meeting of the BWC, Sl.No.8 and item No.BWC.5(2006)-11.
- It was decided that necessary corrections in the works contract will be incorporated as per the guidelines issued by MHRD and put up to the BOG for approval (vide letter No.F.21-01/2006-TS-III dt.9.11.2006).

Annexure-I

### BWC: 6 (2006) - 4: Proposal for expansion of the Department of Chemical Engineering.

As per letter received from HOD Chemical Engineering, the department is under acute shortage of space for Laboratories, Research Projects and faculty rooms. A vacant space measuring around 260 sqm. is available in the department for construction of first floor, which should include two Laboratories and 2 faculty rooms. Prof. A. K. Sahoo, Civil Engineering has already inspected the space and his comments are enclosed. The total cost incurred may be Rs.50.00 lakhs including fittings, furniture's and air conditioning. While these measures will be helpful in the short run, the department needs another 200 m<sup>2</sup> of building space. The BWC Committee may consider the proposal

Annexure-II

The above proposal was approved.

BWC: 6(2006)-5 & 6:Discussion on Ongoing and New Projects and Report on Projects already recommended to BOG and MHRD - Plan of construction during the Financial year 2006 - 07.

On going and New Constructions are given in Annexure Annexure-III. The following decision was taken by BWC.

### Civil Works:

The ongoing and new Civil and Electrical projects were reviewed and are given in Annexure-III. The following was decided:

- 1. The expected dates of completion and all other dates given in the report should be adhered to.
- 2. It was mentioned by the Civil construction In-charge that adequate manpower for supervision are not available. It was decided to hire more students from top Engineering schools of Orissa as stipendiary Engineers for the supervision work.
- 3. Construction of peripheral boundary wall Item No.8.

It was decided that all the outstanding bills submitted for the works completed will be cleared as per procedure. The claim made by the party for loss of accumulated goods and damaged equipment will be examined under existing provisions of law.

- 4. Repair of Flooring and Staircase Item No. 10.

  Some members expressed concerne for unfinished work for the staircase near the main entrance. Dean (PD) clarified that the staircase work and the installation of lift will be expedited.
- 5. Provision of concrete fence Posts Item No.12.
  The following were decided:
  - i) The damaged fence posts in the quarters will be replaced by the Estate Maintenance after survey.
  - ii) The open space between 'F' and 'G' type quarters will be removed by suitably shifting the fence posts to either side of the quarters after survey by the Estate Maintenance.
- 6. Replacement of damaged door/Window chowkats in NIT quarters -Item No.16.

Since the party is not responding for starting the work, fresh tender may be made for this work.

### Projects in Pipe Line (Civil):

It was decided that the tendering process should be expedited for placement of order for the new works.

i) Kitchen Equipment for Homi Bandhu Hall - Item No.14.

One kitchen consultant will be appointed for kitchen equipment for Homi Bhabha Hall

### **Electrical works:**

- 1) The estimate for the top floor of Chemical Engineering may be submitted at the earliest
- 2) The construction work for 33 KV sub-station to be expedited.

Annexure-III

## BWC: 6 (2006) - 7: Construction of New Building for ATM Counter for SBI, Milk Parlor and Saloon and other essential services near Hostel site.

There are demands for a New ATM Counter, one Milk Parlor and a Hair cutting Saloon near the Hostels for students. The Branch Manager, SBI NIT Campus Branch has informed that they have already got the approval for installation a new ATM Counter. The site for ATM has already been decided in the presence of Director, Registrar, Asst. Executive Engineer(Civil), and Branch Manager, SBI. The ATM should be made operational by January, 2007. A proposal has also been received from M/s Amul Ltd for setting up an Amul parlor that will sell ready to eat food to students. There is also need for a hair cutting salon and other services such as travel agency, Computer servicing

or academic stationery depending on student need. It is proposed to construct a single row of 05 small shops of total built up area 100 m<sup>2</sup> approximately. BWC may consider the proposal.

Annexure-IV

BWC approved the above proposal.

BWC: 6 (2006) - 8: Construction of 33/11 KV sub-station.

Since the load demand of NIT., Rourkela is more than 500 KVA, as per rules and regulation of power supply, NIT Rourkela has to apply for drawal at 33 KV for which permission will be accorded by WESCO. Therefore, it was proposed that to erect one 33/11 KV Sub-Station in the NIT premises within 06 months. Details of the proposal are given in Annexure-VI.

Annexure-V

BWC may consider the proposal.

BWC: 6 (2006) - 9: Proposal for construction of first floor on Control and Robotics Laboratory (High Voltage Laboratory), Electrical Engineering Department.

Due to shortage of class room, sitting arrangement for faculty members, it is proposed to construct the first floor on Control & Robotics Laboraroty near High Voltage Laboratory, Electrical Engineering Department.

BWC may consider the proposal.

BWC approved the above proposal.

BWC: 6 (2006) - 10: Proposal for construction of Approach Road in 'C' and 'D' type quarters.

The approach road for A, and B type quarters has been completed. The proposal for approach road for 'C' and 'D' type quarter may be approved in principle.

BWC approved the above proposal.

BWC: 6 (2006) -11: Proposal for Garage facility in 'B' type quarters and common garages for 'C' and 'D' type quarters.

The garage facility is provided for 'A' type quarter only. Senior Professors are staying in 'B' type quarters. Garage facilities may be provided for 'B' type quarters and common garages for C and D type quarters as well as for other residents.

BWC approved the above proposal.

### BWC: 6 (2006) - 12: Renovation of Hostel site Canteen.

The Hostel site and Institute Canteens were constructed since long back and have become very old. The proposal for renovation of Canteens may be approved.

BWC approved the above proposal.

### BWC: 6 (2006) - 13: Selection of Consultant for Air-conditioning:

The Institute needs air-conditioning of several facilities – Computer Centre, Lecture Gallery, Computer Halls of Mechanical Engineering Department and other departments, Guest House etc. Considering the high tonnage, it was decided to appoint a consultant for the purpose.

An advertisement was put in the papers for expression of interest, interested firms made presentation and M/s Design & Services of Kolkata are recommended by the Institute Committee. The consulting fee shall be 3.5% of project cost. The B & W Committee may confirm the appointment of Airconditioning consultant.

The BWC confirmed the appointment of M/s Design & Services of Kolkata as consultants for Air conditioning at the rate of consulting fee agreed.

### BWC: 6 (2006)-14: Any other item with the permission of the Chair.

- 1) For Convenience of inside and outside customers, it was decided to shift the SBI, NIT building to a new location near Institution of Engineers.
- 2) The Post Office is now working in a small quarter (Qr.No.F/1). It was decided to shift the Post Office to a new location near the SBI Building (New).

The meeting ended with thanks to the Chair.

(Prof Sunil Kr-Sarangi) Director & Chairman, BWC

(S. K. UPADHYAY)
Registrar & Secretary
Building & Works Committee

## ANNEXURE-A4

MINUTES OF THE MEETING HELD ON 05-01-2007 AT MHRD WITH DIRECTOR, NIT, ROURKELA IN REGARD TO ACTION PLAN FOR IMPLEMENTATION OF RESERVATION QUOTA FOR OBC AND FOR CAPACITY EXPANSION FROM 2007-08

With reference to MHRD letter No. F. No. 14/27/2006-TS-II dated 26<sup>th</sup> October 2006, a meeting of the empowered Committee for capacity expansion for NIT Rourkela was held on 05.01.2007 to scrutinize and finally approve its DPR.

### Following members were present:

- 1) Shri Ravi Mathur, Joint Secretary, MHRD
- 2) Shri S.K. Ray, Joint Secretary & Financial Advisor, MHRD
- 3) Prof. Sunil Kr Sarangi, Director, NIT, Rourkela
- 4) Dr. Swadesh Gupta, Advisor, AICTE

The National Institute of Technology, Rourkela has submitted detailed project report for implementation of reservation for OBC and capacity expansion. The Committee examined the report and discussed the action plan in detail. The infrastructure available presently in the institute in respect of hostel accommodation, classrooms and laboratory facilities was examined together with faculty strength. The following decisions were taken:

- The Institute's readiness to implement reservation for OBC in two stages from 2007-08 was accepted.
- ii) The Institute has to maximize the utilization of the available infrastructure including hostel accommodation, classrooms and laboratory facilities.
- iii) The requirement of additional funds for capacity expansion were reworked out on the basis of recommendations of the Final Report of Moily Committee in terms of phased/staggered implementation plan, teacher to students ratio, no-recurring expenditure per student and recurring expenditure per student per year for the Institute.
- iv) For all programmes at both UG and PG levels put together, the total intake of students in the current academic year 2006-07 is in the table below. The Institute has to increase the students' intake as given below and implement quota for OBC from academic year 2007-08

Academic Year	2006- 07	2007-08	2008-09	2009-10	2010-11	2011-12
Increase in Intake		235	441	-141	441	441
Increase in total strength over 2006- 07		235	692	989	1199	1304
Annual ir	ncrease	235	457	297	210	105

v) It was decided to calculate the additional faculty required on the basis of teacher to students ratio of 1:14. Therefore, the additional faculty is

Sts Segang.
Director
NIT Rourkela

73

vi) sanctioned as given below. Considering the significant increase in postgraduate and research strength, and the need for upgrading the quality of education and research, it was agreed that new faculty members inducted against the additional posts will have a Ph. D. degree. This will help in maintaining a faculty standard well above that maintained by lowest end private colleges. It was agreed to hire persons in new posts with Ph. D. in rank of Professor and Assistant Professor in ratio of 1: 2

Academic Year	Prof.	Asst. Prof	Total
2007-08	6	11	17
2008-09	11	22	33
2009-10	7	14	21
2010-11	5	10	15
2011-12	2	5	7
Total	31	62	93

vi) The requirement of additional finances (Non-recurring and Recurring) for a period of next five years starting from 2007-08 was calculated on the basis of the following figures

Recurring @ Rs.1.0 Lakh per student/year Non-Recurring @ 6.0 Lakhs per student per year

The requirements worked on the basis of above norms are given below:

Academic Year	Increase in student strength over 2006-07	Recurring @ Rs. 1.0 Lakhs per student/year in (Rs. In crores	Annual increase of student strength	Non-recurring Rs. 6.0 Lakhs/student (Rs. In Crore)	Grant needed per year (Rs. in Crore)
2007-08	235	2.35	235	14.10	16.45
2008-09	692	6.92	457	27.42	34.34
2009-10	989	9.89	297	17.82	27.71
2010-11	1199	11.99	210	12.60	24.59
2011-12	1304	. 13.04	105	6.30	19.34
Total		44.19	1304	78.24	122.43

vii) The proposed budget requirements for annual disbursement during the years 2007-08 to 2010-11 are given below:

Year	2007- 08	2008- 09	2009- 10	2010- 11	2011- 12	Total
Budget (Non- recurring) In Crores	20.00	40.00	18.24	••		78.24
Recurring in crore	2.35	6.92	9.89	11.99	13.04	44.19
Total	22.35	46.92	28.13	11.99	13.04	122.43

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

74

Director NIT Rourkela

Page 3/3

### Appendix NIT Rourkela Detail of student strength for next five years

### A. Undergraduate (B. Tech.) [4 year programme]

Years	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	Total	Increase over 2006-07
2006-07	390	390	390	390	1560	-
2007-08(+105)	495	390	.390	390	1665	105
2008-09(+105)	600	495	390	390	1875	315
2009-10	600	600	495	390	2085	525
2010-11	600	600	600	495	2295	735
2011-12	600	600	600	600	2400	840

## B. Postgraduate: (M. Tech. 14 x18 x 2years; M. Sc. 3x30 x2 years; MCA 1x30x3 years

Years	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total	Increase
					2006-07
2006-07	372	372	30	774	-
2007-08 (+102)	474	372	30	876	102
2008-09 (+101)	575	474	30	1079	305
2009-10	575	575	-	1150	376

### C. Research [ Ph. D. (4 year) and M. Tech.(R) 2 year typically]

Years	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	Total	Increase over 2006-07
2006-07 [30 Ph. D. & 23 M. Tech.(R)]	53	53	30	30	166	•
2007-08	81	53	30	30	194	26
2008-09	81	81	46	30	238	72
2009-10	81	81	46	46	254	88

### Combined undergraduate+ postgraduate + Research

	2005-07		2007- 08		2008-09	2008-09		2009-10		2010-11		2011-12	
٠	Intake	Total strength	Intake	Total Strength	Intake	Total strength	Intake	Total strength	Intake	Total strength	Intake	Total Strength	
υG	390	1560	495	1665	600	1875	600	3085	600	2295	600	2400	
PG	372	774	474	876	575	1079	575	1150	575	1150	575	1150	
Rese arch	53	166	81	194	81	238	81	254	81	254	81	254	
Total	815	2500	1050	2735	1256	3192	1255	3489	1256	3699	1256	3804	

75

Stssagnge Director NIT Rourkela.

## ANNEXURE-A5

Annexure- A5

Annexure to 9tem No-BOG-12(2007)-12

December 14, 2006

The Chairman
Board of Governors
NIT Rourkela

Sub: Recommendation of the sub-committee on Pay Scale Rationalization for non-teaching staff of NIT Rourkela.

Sir,

This is reference to above. I am submitting herewith the recommendation of the sub-committee on Pay Scale Rationalization for non-teaching staff of NIT Rourkela for your kind consideration before it is put up to the next Board Meeting for approval.

With regards, Yours sincerely,

(N.R. Mohanty)

### Minutes of the meeting of the Sub-Committee on pay scale of non-teaching staff of NIT Rourkela held on

### 11th November 2006 at NIT, Rourkela and 14th December 2006 at XIM, Bhubaneswar

#### Members Present:

- (1) Mr. N. R. Mohanty
- (2) Father E. Abraham
- (3) Prof. G. S. Rath
- (4) Sri S. K. Updadhyay

The Committee deliberated on the various issues on the pay anomalies of the employees of the NIT, Rourkela and interacted with the employees. The recommendation of the committee is as follows:

(1) The rationalized scale for Junior Assistants are as follows:

Jr. Assistant	Senior Assistant	Senior Assistant (SG)
3200-4900/-	4000-6000/-	5000-8000/-

Some of the Junior Assistants were given 15 years time bound scale in the scale of Rs.4500-7000/-in the REC days. They should be allowed to retain the same scale and ACP-II after 24 years.

(2) The representation of Mr. Kulamani Patra, Technical Assistant was examined. Mr. Patra who was given 15 years time bound scale in 2003 as per REC rules in scale of Rs. 6500-9900/-. After rationalization his time bound scale was withdrawn and he was placed in the scale 5500-9000/-. As a result he is stagnated. The rationalized scale for Technical Assistant is as follows.

Technical Assistant	Senior TA	TA (SG)
5000-8000/-	5500 - 9000/-	6500 –10 500/-

The Committee recommends that he should be placed in ACP-II in scale Rs. 6500-10,500/- after completion of 24 years. During this period, he should continue with Rs.6500 – 9900/- scale. If there are any similar cases same benefits should apply.

- (3) The representation of employees regarding ACP-I and ACP -II was reviewed for example Junior Assistant who joins in the scale of Rs. 4000-6000/- is deemed to have consumed one ACP and the next ACP will be due after 24 years. The Committee accepted the logic and did not agree to the representation of the employees that ACP-I and ACP-II should be 5000-8000/- and 5500 9000/- respectively.
- (4) The Committee examined the promotional avenues for the employees. For example an employee who joins as Junior Assistant in the scale 3200- 4000/- will have two up gradations in his career. However, whenever a cadre changes, he will be entitled to ACP as per the new cadre. The Committee recommends that Cadre change will be possible through open competition depending upon the qualification, performance and the recommendation of the selection committee.



- Some of the employees represented that they are required to appear for the (5) interview before the selection committee for getting ACP. The Committee recommends that the procedure to be followed as per guidelines of the MHRD.
- (6)The Committee examined the pay scales of the officers on contract. They were recruited through all India Advertisement and open competition. The committee went through the recommendations of Committee of Directors to MHRD (item No.4 The Committee recommends that they may be regularized after assessment by a duly constituted selection committee in the following scales as applicable to the officers of Central Government and other comparable Institutions under MHRD.

Name -	Designation	Qualification	Pay scale
Er. S. K. Upadhyay	Registrar	M. Tech.	16400-22400/~
Er.A. K. Patnaik	Dy. Registrar	B. Sc. Engg., DIM	12000-18000/-
Mr. B. Acharya	Assistant Registrar	M. Sc.	8000-13500/-
Mr. Y. Srivas Rao	Assistant Librarian	M. Lib. Sc.	8000- 13500/-
Mr. M. Madhan	Assistant Librarian	M. Lib. Sc.	8000-13500/-
Ms. Sipra Awasthi	Assistant Librarian	M. Lib. Sc.	8000- 13500/-
Ms. Banaja Sethi	Executive Assistant	B. Sc.	3200-4900/-

(7) The Committee examined the four employees working temporarily in Material Science Project in the Department of Metallurgical and Material Science. They should be paid remuneration as suggested below with social security like EPF etc. from the date of approval by the Board.

Qualification	Consolidated salary	
Diploma	5000/-	
Graduation	4000/-	
Matriculate	3500/-	

The Committee examined the four employees working temporarily in Nodal Centre, (8) they should be paid remuneration as per the following with social security like EPF etc.

Qualification	Consolidated salary
Diploma	5000/-
Graduation	4000/-
Matriculate	3500/-

The meeting ended with thanks to the Chair

(Mr. N. R. Mohanty) (Father E. Abraham) Chairman

Member

Member

(Prof. G. S. Rath) (Mr. S. K. Upadhyay)

Member

## ANNEXURE-A6

Office recording Surviva TO WHOMSOEVER IT MAY CONCERN

#### OPINION

Perused the documents furnished to me by Sri Sanjay Kumar Swain to express my opinion in the subject as to whether he has got any chance to be absorbed as a Technical Assistant in the Department of Chemistry NIT on the basis of his application for selection for the said post for which he has been denied by the authority as the said post is not available to be filed up or other wise abolished.

The documents provided to me reveals that one Dr. Rajkishore Patel was offered appointment as Technical Assistant on temporary basis in the Department of Chemistry of the earst-while Regional Engineering College, Rourkela with a pay scale as per order dt. 01.11.1996 of the registrar. On perusal of the letter of the appointment it reveals that even though it was mentioned as a Temporary Appointment practically on the terms and conditions mentioned therein the same is similar to Regular Appointee. And the job assigned was to help in running practical class to assist in building and developed laboratory, teachings and equipmental instruments in the laboratory, to maintain stores and stocks, ledgers and to perform duties as may be entrusted to him by the authorities.

I am told that the said Dr. Raj Kishore Patel was appointed subsequently as a lecturer in the earst-while REC.

Sri Sanjay Ku. Swain as against the lien vacancy of Dr. R. K. Patel who was appointed as a lecturer on Adhoc basis as per order dt 07.11.2000 was appointed as Technical Assistant in the Department of Chemistry with a consolidated pay of Rs. 2000/- till April, 2001 by the order of the registrar dt. 08.09.01.

I find from the record that though the initial appointment of Sri S. K. Swain was till April, 2001 on the basis of the request of the Head of the Department of Chemistry of earst-while REC and thereafter the Registrar of NIT this service of Mr. Swain as Technical Asst. in Department of Chemistry was extended time to time and the last extension was as per office order dt 23.12.04 from dt. 01.01.05 to 30.05.05 and eventually till 15.08.06.

On 28.03.06 an advertisement was issued by the Registrar NIT inviting applications in the prescribed form for the post of Technical Asst. in Department of Chemistry which also included, Library Information Asst., Accountant, Machinery and Laboratory Asst. of the institute. The advertisement further contempt the elegibility criteria for applying for the post referring to the Academic Qualification and the modality of selection procedure with regard to the method of selection for all multitude post including Technical, Ministerial and supporting post.

As per the method of selection marks are supposed to be awarded as against Trade Test, Carrier, Relevancy of Experience and special skills, interview (personality, attitude, confidence, communication) with the breaks 50, 20, 10, 20 respectively against each categories.

Mr. Swain on the basis of the aforesaid advertisement applied for the post of Technical Asst. in the Department of Chemistry.

By letter dt. 12.07.06 Mr. Swain was informed that his name has been short listed for the post of Technical Asst. NIT Rourkela in the discipline of Chemistry and he was to appear for written Test, Trade Test and interview as per the schedule. Mr. Swain appeared in all 3 tests and has become successful so far as the selection procedure is concerned. The reason being that a candidate can be called only if he qualifies in written test, and Trade Test and Mr. Swain was called to the interview and claims to be the only candidate for the said post. But in due passage of time as it appears the post in respect of different discipline have already been filled up as per the result published but the post of Technical Asst. in the Department of Chemistry has not been filled up till date.

Mr. Swain is the only candidate and having qualified otherwise with the experience in the said Department and in the post since 2001 expected quite but natural to get the letter of appointment but I am told the authorities in has quarry informed him yet the said post has been abolished and is no more required to filled up.

There was no materials before me to express my opinion, whether the post has actually been abolished or the same is still available but I can say one thing that the post of a Technical Asst. against which Mr. Swain was discharging his duties appears to be substantive post. A substantive post only be created as against a particular department depending on the work load with the prior approval of the authority i.e. the Board of Directors. Once a post has been created the same can not be ipso facto abolished with the prior approval of the Board. The very fact that the advertisement has been issued inviting applications to fill up that post of Technical Assistant in the Department of Chemistry it self shows that the post is still in existent and therefore once Mr. Swain has applied and became successful, the authorities can not deprive Mr. Swain from being appointed against the said post being the successful candidate.

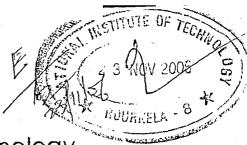
In my considered opinion the denial of the authorities not to appoint Mr. Swain against the said post which is presume to be available can not be sustained in the eye of law, in the event the same is challenged in a court of law.

Mr. S. K. Swain has also placed before me with regard to his application with regard to Ph.D. on the basis of which he has been called for interview, and was admitted in Ph.D. programme of the institute. But although he has presented all his documents as per letter of admission dated 05.08.05 his case has not been referred to the department for his Ph.D. course. The inaction of the authorities appears to be glaring & non-recommendation of the name of Mr. Swain is not justified at all.

Be that as it may it advisable in my considered opinion that Mr. S. K. Swain should represent before the authorities ventilating his grievances and bringing it to the notice of the authorities about their inaction so that the authorities may in all fitness of things take steps which may go in favour of Mr. Swain.

S. P. Misra





23/11/06

### National Institute of Technology Rourkela - 769 008 (Orissa)

Dr. Sunil Kr Sarangi, FNAE Director

No. NJTR/PS 11(O)/2006 Dated: November 21,2006

Shri Sanjaya Kumar Swain At/PO: Kerandatangi Via: Chandpur Dist: Nayagarh- 752 024.

Orissa.

Dear Mr. Swain,

This is in response to your letter of 30.10.2006 requesting appointment to a post of Technical Assistant of the Institute. I regret to inform you that the Selection Committee that interviewed you has not recommended you for such appointment. Kindly appreciate that even if our Institute is a rather large institution, the number of technical positions sanctioned for the Institute is small and the Institute must maintain professional standards compatible with institutions of our standing and our responsibility. A large number of departments and job functions must be served with a small number of sanctioned posts. This can be achieved only by induction of individuals with superior talent and judicious allocation of technicians among the various departments. A consequence of this demanding scenario is your non-selection. I, hope you have arranged alternative placement commensurate with your qualification and skills learnt.

I am painfully aware of the fact that you had served REC as a temporary technical assistant, but were not considered fit to be offered a regular post by the REC. On conversion to NIT, the due process precluded any preference to you over other citizens of India who did not have the opportunity of arranging a temporary placement in REC. I also appreciate that it was not possible for you to qualify in comparable jobs in other organizations by fair competition after the NIT administration made it clear that temporary workers selected by REC without the due process of law will not get any preference in future selections.

In your letter, you have, point by point, narrated your career in NIT. For the sake of completeness, it may be worthwhile to add that out of the nearly 6 years you served REC/NIT, at least 50% of it was on humanitarian considerations given to help you to find a job so that there is no discontinuity in your earning.

I have checked with HOD, Chemistry regarding the facts behind your Ph. D. application. I understand that your HOD advised you to choose between full time study as a Research Student and full time work as a contractual technical worker because it is neither feasible nor legal to perform two full time duties simultaneously. Records show that you chose to work. As a result your admission to the Ph. D.

perto carpetal

Contd.p2

programme has lapsed. It is heartening that you are interested in pursuing Ph. D. Institute fellowships have been advertised and please apply early if you want to pursue Ph. D. at NITR. [Let me clarify that this letter will not influence your selection, which will be done purely on the basis of your academic competence, presence of other candidates and availability of supervisors] Even if you miss the advertised the last date, you may still apply because the Ph. D. rules provide for "any time selection".

My best wishes shall always remain with you.

Yours sincerely

É

Sunil Kr Sarangi

CC. (1) Registrar for records

(2) HOD, Chemistry for information

(3) Secretary to Chairman, BOG for information of the Chairman.

To
The Director,
National Institute of Technology,
&Rourkela.

Sub:-Regarding appointment of self in the post of Technical Assistant, Chemistry and admission to Ph.D degree.

Sir,

Respectfully, I beg to state the following few lines for your kind consideration and necessary action.

- 1) That in pursuance to the open advertisement published by the Registrar, NIT, Rourkela vide No. NITR/Estt/Adv. 01/2006 dated 17.03.2006. I have applied for the Technical Assistant, chemistry in the prescribed application form.
- 2) That the admit card alongwith syllabus for the trade test for the post of Technical Assistant, Chemistry was issued in my favour vide No. NITR/Estt./chy/03/5657 (13) dated 12.07.2006 after short listing of candidates applied for the post.
- 3) That I appeared the written test and trade test in which I am the only successful candidate. Thereafter I appeared the interview on dated 13.08.2006.
- 4) That it is pertinant to mention here that after completion of my post graduation in Chemistry from NIT, Rourkela in the year 1999 I was working as Technical Assistant in the Deptt. of Chemistry, NIT, Rourkela on contractual basis from 09.01.2001 to 15.08.2006.
- 5) That vide circular No. NITR/Estt/6744 dated 04.09.2006 the result of the candidates of other departments/offices was published but no appointment order has been issued / published in respect of the post of Technical Asst, Chemistry though I am the only candidate qualified in the written test, trade test and faced the interview. I have the legitimate expectation to get the appointment order.
- 6) That after provisionally admitted to Ph. D. programme I joined in the deptt. of Chemistry NIT, Rourkela on 29.08.2005 which is yet to be forwarded to the academic section by the H.O.D. Chemistry for which I am unable to do my course work and register my name in 2nd and 3rd semester.

Therefore I pray your goodself to be benign enough to consider my case sympathetically for appointment to the post of Technical Assistant, Chemistry and for continuance of my Ph. D programme and for such kind act I shall be highly obliged.

Yours faithfully,

Sarjaya Kumar Swain (SANJAYA KUMAR SWAIN)

At/Po-Kerandatangi

Via - Chandpur

Dist - Nayagarh Orissa - 752024

30.10.2006

Copy to:

Dr. B. Panda, Chairman, B.O.G., NIT, Rourkela.

-84-

To

The Director, National Institute of Technology,

Rourkela.

Sub:-Regarding appointment of self in the post of Technical Assistant, Chemistry and admission to Ph.D degree.

Sir.

Respectfully, I beg to state the following few lines for your kind consideration and necessary action.

- 1) That in pursuance to the open advertisement published by the Registrar, NIT, Rourkela vide No. NITR/Estt/Adv. 01/2006 dated 17.03.2006. I have applied for the Technical Assistant, chemistry in the prescribed application form.
- 2) That the admit card alongwith syllabus for the trade test for the post of Technical Assistant, Chemistry was issued in my favour vide No. NITR/Estt./chy/03/5657 (13) dated 12.07.2006 after short listing of candidates applied for the post.
- 3) That I appeared the written test and trade test in which I am the only successful candidate. Thereafter I appeared the interview on dated 13.08.2006.
- 4) That it is pertinant to mention here that after completion of my post graduation in Chemistry from NIT, Rourkela in the year 1999 I was working as Technical Assistant in the Deptt. of Chemistry, NIT, Rourkela on contractual basis from 09.01.2001 to 15,08.2006.
- 5) That vide circular No. NITR/Estt/6744 dated 04.09,2006 the result of the candidates of other departments/offices was published but no appointment order has been issued / published in respect of the post of Technical Asst, Chemistry though I am the only candidate qualified in the written test, trade test and faced the interview. I have the legitimate expectation to get the appointment order.
- 6) That after provisionally admitted to Ph. D. programme I joined in the deptt. of Chemistry NIT, Rourkela on 29.08.2005 which is yet to be forwarded to the academic section by the H.O.D. Chemistry for which I am unable to do my course work and register my name in 2nd and 3rd semester.

Therefore I pray your goodself to be benign enough to consider my case sympathetically for appointment to the post of Technical Assistant, Chemistry and for continuance of my Ph. D programme and for such kind act I shall be highly obliged.

30,10,2006

Yours faithfully,

Sarjaya Kumar Erran (SANJAYA KUMAR SWAIN)

At/Po - Kerandatangi

Via - Chandpur

Dist - Nayagarh

Orissa - 752024

Copy to:

Dr. B. Panda, Chairman, B.O.G., NIT, Rourkela.

## ANNEXURE-A7

Minutes of the meeting held on 16-10-2006 and 10-01-2007 pertaining to prequalification of firms for Major Projects (i.e. New 1000 seated Hostel, Academic Building, Lecture Hall Complex and Faculty Quarters).

### Meeting on 16-10-2006

### **Members Present**

Prof. U. K. Mohanty

Prof. S. P. Singh

Prof. K. K. Mishra

Prof. A. K. Sahoo

Prof. A. K. Panda

Prof. Y. K. Sahu

Prof. Mrs. Simantini Behera

Sri S. P. Mohapatra

- 1.0 In response to the open advertisement in the news papers and NIT web site, applications from following 20 firms have been received:
  - i) M/s National Projects Construction Corporation Ltd.
  - ii) M/s Unity Infrastructure Projects Ltd.
  - iii) M/s B. S. Agarwal
  - iv) M/s Highway & Hydel Projects (P) Ltd.
  - v) M/s Dillip Construction Pvt. Ltd.
  - vi) M/s Consolidated Construction Consortium Ltd.
  - vii) M/s KCS Private Ltd.
  - viii) M/s Unit Construction Company Ltd.
  - ix) M/s Larsen & Toubro Ltd.
  - x) M/s Er Prasanta Ku. Acharya
  - xi) M/s Engineering Projects (I) Ltd.
  - xii) M/s Gammon India Ltd.
  - xiii) M/s IVRCL Infrastructure & Projects Ltd.
  - xiv) M/s Jyoti Sarup Mittal
  - xv) M/s Nagarjuna Construction Company Limited.
  - xvi) M/s M/s P. K. Rout
  - xvii) M/s Simplex Infrastructure Limited.
  - xviii) M/s Ahluwalia Contracts (I) Ltd.
  - xix) M/s Shapoorji Pallonji & Co. Ltd.
  - xx) M/s Uttar Pradesh Rajakiya Nigam Ltd.
- 1.1 The committee felt to make a tabulation indicating inputs of the firms such as address, experience, volume of business during last 3 years, organization, performance reports etc.



### 2. Meeting on 10-01-2007

### Members Present

Prof. S. P. Singh

Prof. K. K. Mishra

Prof. A. K. Sahoo

Prof. A. K. Panda

Prof. Y. K. Sahu

Sri S. P. Mohapatra

Sri S.C. Kar, GM, Town Engineering, RSP

- 2.1 At the outset, the members of the committee went into the details of the firms as indicated in the tabulation prepared for the same and also documents submitted by the firms.
- 2.2 Considering the criteria indicated in the tender notice and information/documents supplied by the firms, the committee found the following firms technically suitable for issue of tender papers:
  - i) M/s Engineering Projects (I) Ltd.
  - ii) M/s Uttar Pradesh Rajakiya Nigam Ltd.
  - iii) M/s Larsen & Toubro Ltd.
  - iv) M/s Nagarjuna Construction Company Limited.
  - v) M/s Shapoorji Pallonji & Co. Ltd.
  - vi) M/s Ahluwalia Contracts (I) Ltd.
  - vii) M/s Gammon India Ltd.
  - viii) M/s Consolidated Construction Consortium Ltd.
  - ix) M/s IVRCL Infrastructure & Projects Ltd.
  - x) M/s Unity Infrastructure Projects Ltd.
  - xi) M/s Simplex Infrastructure Limited.
- 2.3 The committee found the following firms technically not suitable for issue of tender papers. The reason for disqualification is indicated in the Annexure.
  - i) M/s Unit Construction Company Ltd.
  - ii) M/s KCS Private Ltd.
  - iii) M/s B. S. Agarwal
  - iv) M/s Highway & Hydel Projects (P) Ltd.
  - v) M/s Dillip Construction Pvt. Ltd.
  - vi) M/s National Projects Construction Corporation Ltd.
  - vii) M/s M/s P. K. Rout
  - viii) M/s Er Prasanta Ku. Acharya
  - ix) M/s Jyoti Sarup Mittal



\$18/107

-89

### Annexure

### Shortlisting of Firms for Construction of Major Projects.

SL.No	Name of Firm	Reason for Disqualification		
1	M/s Unit Construction Company Ltd.	Requirements as indicated in		
		tender notice not satisfied.		
2	M/s B. S. Agarwal	Requirements as indicated in		
		tender notice not satisfied.		
3	M/s KCS Private Ltd.	Requirements as indicated in		
		tender notice not satisfied.		
4	M/s Dillip Construction Pvt. Ltd.	Requirements as indicated in		
		tender notice not satisfied.		
5	M/s National Projects Construction	Details of works executed		
	Corporation Ltd.	during last 5 years not		
		submitted and the		
		performance is not		
		satisfactory in RSP		
		during that period.		
6	M/s M/s P. K. Rout	Requirements as indicated in		
		the tender notice not satisfied.		
7	M/s Er Prasanta Ku. Acharya	Requirements as indicated in		
		the tender notice not satisfied.		
8	M/s Highway & Hydel Projects (P) Ltd.	Requirements as indicated in		
		the tender notice not satisfied.		
9	M/s Jyoti Sarup Mittal	Requirements as indicated in		
		the tender notice not satisfied.		



Minutes of the meeting held on 16-10-2006 and 10-01-2007 pertaining to prequalification of firms for Major Projects (i.e. New 1000 seated Hostel, Academic Building, Lecture Hall Complex and Faculty Quarters).

(Sri S. P. Mohapatra) (Prof. S. Behera) (Prof. A. K. Panda) (Prof. Y. K. Sahu)

(Prof. A. K. Sahoo) (Prof. K. K. Mishra) (Prof. S. P. Singh) (Prof. U. K. Mohanty)

(Sri S. C. Kar)

(GM, Town Engineering, RSP)

# ANNEXURE-A8

Minutes of meeting held on 08-01-2007 pertaining to appointment of architects for construction of swimming pool and other works in NIT, Rourkela.

### Members Present :-

- i) Prof. U. K. Mohanty, Dean(PD)
- ii) Prof. J. K. Satpathy
- iii) Prof. S. P. Singh
- iv) Prof. K. K. Mishra
- v) Prof. A. K. Sahoo
- vi) Prof. A. K. Panda
- vii) Prof. (Mrs) S. Behera
- viii) Prof. Y.K. Sahu

### 1. Appointment of architect for Swimming Pool

- 1.1 The following shortlisted firms were asked to appear for interview/discussion at Rourkela:
  - i) M/s AB Consultants (P) Ltd, Kolkata
  - ii) M/s Nav Nirman Development Consultants (I) Pvt. Ltd. Pune
  - iii) M/s Alka Kemkar & Associates, Indore
- 1.2 Out of the above 3 firms, the following 2 firms reported at Rourkela:
  - i) M/s Nav Nirman Development Consultants (I) Pvt. Ltd, Pune
  - ii) M/s Alka Kemkar & Associates, Indore
- 1.3 Both the above firms separately gave their presentation of their works executed pertaining to swimming pool. It is observed that M/s Nav Nirman Development Consultants (I) Pvt. Ltd, Pune have executed number of swimming pools and their knowledge and expertise in construction of swimming pool has been sound.
- 1.4 The committee observed that M/s Alka Kemkar & Associates, Indore have not executed any swimming pool in the recent past. Further, during interview it is observed that their knowledge on swimming pool is not satisfactory. In view of special nature of this work, the committee felt that M/s Alka Kemkar & Associates, Indore is technically not suitable.
- 1.5 Therefore, the price bid for M/s Nav Nirman Development Consultants (I) Pvt. Ltd. Pune, which is the only eligible party is opened.



- 1.6 It is observed that M/s Nav Nirman Development Consultants (I) Pvt. Ltd, Pune have quoted lump sum professional fee of 5% of the total estimated cost of the project inclusive of charges for one supervisor for supervision of works during complete construction period.
- 1.7 Considering the special nature of work, the tender committee recommends to award the work to M/s Nav Nirman Development Consultants (I) Pvt. Ltd, Pune at a lump sum professional fee of 5% of the total project cost inclusive of supervision charges.

### 2. Appointment of Architect for Works other than Swimming Pool

- 2.1 The following firms were earlier shortlisted for the above work and were requested to attend the interview/discussion on 08-01-2007 at Rourkela:
  - i) M/s Space Ace, Delhi
  - ii) M/s Mathur Ugam & Associates, Delhi
  - iii) M/s LIC of India, Cuttack
  - iv) M/s Modern Design Group, Kolkata
  - v) M/s Spire Consultants, Bhubaneswar
  - vi) M/s Space Arch, Bhubaneswar
  - vii) M/s Alka Kemkar & Associates, Indore
  - viii) M/s Vastukar, Bhubaneswar
  - ix) M/s Design Techno, Cuttack
  - x) M/s Architectural Design Cell, Bhubaneswar
  - xi) M/s The Design Group, Bhubaneswar
- 2.2 The following firms reported at Rourkela on 08-01-2007:
  - i) M/s LIC of India, Cuttack
  - ii) M/s Modern Design Group, Kolkata
  - iii) M/s Spire Consultants, Bhubaneswar
  - iv) M/s Space Arch, Bhubaneswar
  - v) M/s Alka Kemkar & Associates, Indore
  - vi) M/s Design Techno, Cuttack
  - vii) M/s Architectural Design Cell, Bhubaneswar
  - viii) M/s The Design Group, Bhubaneswar
- 2.3 The above firms were asked to give a presentation separately of their works executed especially renovation works.



- 2.4 After presentation and technical discussion, the committee felt that the following five firms neither have executed any renovation works at all in the recent past nor have the technical knowledge to the satisfaction of the committee. The overall performance being unsatisfactory, the committee found these firms technically not suitable.
  - i) M/s LIC of India, Cuttack
  - ii) M/s Spire Consultants, Bhubaneswar
  - iii) M/s Alka Kemkar & Associates, Indore
  - iv) M/s Architectural Design Cell, Bhubaneswar
  - v) M/s The Design Group, Bhubaneswar
- 2.5 In view of the special nature of the type of work to be executed, the committee found the following firms technically suitable and opened the price bids for the following firms:
  - i) M/s Modern Design Group, Kolkata
  - ii) M/s Space Arch, Bhubaneswar
  - iii) M/s Design Techno, Cuttack
- 2.6 The committee observed that M/s Modern Design Group, Kolkata have quoted lump sum price for each job towards planning fees and supervision fees and reimbursement of travel expenses as per actuals. The committee felt that the fee quoted for supervisory charges as well as for planning are unworkable, considering special nature of job, requiring close supervision, monitoring of works and structural aspects. Therefore, the members of the committee called the representative of M/s Modern Design Group and wanted clarification on the rates quoted by them. However, even after prolonged discussion, he could not give satisfactory clarification and finally told the committee to with draw their offer.
- 2.7 The committee observed that the balance two firms as given below have quoted their fees as 5% of the project cost inclusive of day-to-day supervision.
  - i) M/s Space Arch, Bhubaneswar
  - ii) M/s Design Techno, Cuttack
- 2.8 The members of the committee called the representatives of the above two firms separately and requested them to reduce their rates but they did not agree to reduce any further.
- 2.9 Considering the above and inorder to expedite the execution of the works, the committee felt to divide the works amongst the two above firms.



-49

2.10 The committee recommends to award the works to both the agencies with following distribution of jobs at the rate of 5% of the project cost including project monitoring and control.

#### i) M/s Space Arch, Bhubaneswar

	Nam	e of Project	Estimated Cost (A	pprox) (cos cos)
i)	Childr	en Park & Club House	0.3	
ii)	Renov	ration of Residential Complex	1.0	
iii)	Civil '			
	a)	Senate Hall Vertical Expansion		
	b)	ME Dept. (PG Buildings) Extn.	- 0.7	
	c)	Central Courtyard of ME Dept.		
		<b>→</b>		
iv)	Interi	or of existing Library including		
	Exten	sion	0.5	·
			Total - Rs.2.5 Cro	res

#### M/s Design Techno, Cuttack ii)

	Name of Project	<b>Estimated</b>	Cost (Approx)	-(cc.)
i)	Conversion of Hall of Residence No-1	(	0.5	
ii)	Renovation & improvement of Halls 3	<b>&amp;</b> 4	0.5	
iii)	Renovation & Upgradation of Halls 2 &	25 (	0.8	
	<del></del>	Total - Rs.	1.8 Crore	

(Prof. Y. K. Sahu)

(Prof. Simantini Behera)

(Prof. A. K. Panda)

(Prof. A. K. Sahoo)

(Prof. K. K. Mishra)

(Prof. U. K. Mohanty)

(Sri S. C. Kar)

(GM, Town Engg., RSP)

# ANNEXURE-A9



### BY REGISTEREDAROS TO 661-246 5999 NATIONAL INSTITUTE OF **TECHNOLOGY**

ROURKELA-769 008, ORISSA

.246 2999

Website: www.nitrkl.ac.in

TO The Under Secretary Department of Industries Govt. of Orissa

Sub.:- Release of Grants to National Institute of Technology, Rourkela towards 50% share of Govt. of Orissa-For payment of arrear of pension and differential amount of gratuity of the pensioners retired prior to conversion of REC to NIT.

Ref.:- This Office letter No. NITR/Estt/2980, dt. 06.04.2005

Dear Sir.

Inviting your kind attention on the subject under reference Govt. of Orissa has already released an amount of Rs 22,00,000/- (Rupees twenty two lakh) only and Rs 2, 82, 322/- (Rupees two lakh eighty two thousand three hundred twenty two) only in two phases towards its 50% share for payment of arrear of pension and differential amount of retirement/death gratuity to 48 pensioners arising out of extension of terminal benefits from 58 years to 60 years of age in pursuance of the judgment made by the Honb'le High Court, Orissa.

Further in order to avoid further litigation and associated cost, the Institute in principle has decided to extend such benefits to rest of other pensioners (137 Nos.) retired prior to conversion of REC to NIT. The arrear of pension and differential amount of gratuity of such retirees have been calculated which comes to Rs. 58,63,314/- out of which Govt of Orissa is liable to grant 50% of its share which comes to Rs 29,31,657/-. The 50% share of Grant, of India of Rs 29, 31, 657/- has already been provided/claimed in the Revised Estimate during 2006-07. Anticipating release of grant from both the Goyts. We are planning to make payment half of the dues, to such pensioners during the current financial year.

It is therefore requested to kindly release Rs 29, 31,657/- (Rupees twenty nine lakh thirty one thousand six hundred fifty seven) only towards 50% share of Govt. of Orissa preferable during this financial year.

A copy of arrear calculation of 137 retirees which depicts share of both Govts. is calculated herewith for reference. Looking forward for an early necessary action. enclosed

Thanking you,

Sincerely Yours,

BY IN K

Gevernment ef Orissa do. 066/-4472026 Industries Department

Ne. IV. TII-54//03 18896 /1. BESR, dated the 5/11/03

Frem

Shri P.K.Panda, Under Secretary to Government.

74.

The Whiseless Watherst Institute of Technology (REC) Rourhela.

Subie

OCEMC Ma.17%/2003(Arising aut of OUC we.12994/98) Smi Mrinal Kanti Sinha & 31 ethers, OJC Ne.-8%21/99 Dr.s.C.N 2k and 8 ethers and OJC Ne.10125/99 J.Si gh and 6 wibers Vrs. M Chairmank BOG, KBC Reurkela and ethers.

Sir.

E.22.00 Lakhs has been released in your favour as grant-in-aid to meet the pensionary benefits/arrear domestate dues of the 48 retired employees who have filed above mentioned cases, which is 2/3rd of the total claims of State share. It is worth mentioning here that cent percent funding has been met by the Central Government to N.T. Rourkela with effect from 1.4.2003.

You are, therefore, requested in calculate the claim dues up-to 31.3.2003 and in-fernthe firm requirewashe for firm? release of funds in the prescripted format as given earlier to this Department with-in 5 days.

Yours faithfully,

Under Secretary to Gever ment.

5/11/03

Urgent Registran na. bl

bm/