



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**JAMSHEDPUR**

**Annual Report  
and  
Audited Annual Accounts**

**2010 - 2011**



## LIST OF BOARD OF GOVERNERS MEMBERS

|     |                                                                                                                                                                                                           |            |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1.  | <b>Shri B. Muthuraman</b><br>Managing Director,<br>Tata Steel Limited<br>Jamshedpur                                                                                                                       | Chairman   |
| 2.  | <b>Prof. Rajnish Shrivastava</b><br>Director,<br>National Institute of Technology<br>Jamshedpur - 831014                                                                                                  | Ex-officio |
| 3.  | <b>Mr. Ashok Thakur</b><br>Additional Secretary (TS),<br>Government of India<br>Ministry of Human Resource Development<br>(Deptt. of Higher Education),<br>Shastri Bhawan, New Delhi - 110 001            | Member     |
| 4.  | <b>Mr. S. K. Ray</b><br>Addl. Secretary & Financial Adviser,<br>Government of India<br>Ministry of Human Resource Development<br>(Deptt. of Higher Education), IFD<br>Shastri Bhawan, New Delhi - 110 001 | Member     |
| 5.  | <b>Mr. Sudhir Prasad,</b><br>Principal Secretary,<br>Department of Science & Technology,<br>Government of Jharkhand<br>Nepal House, Doranda, Ranchi - 834 002                                             | Member     |
| 6.  | <b>Prof. Arun Kumar</b><br>Director<br>Department of Science & Technology<br>Government of Jharkhand<br>Nepal House, Doranda, Ranchi - 834 002                                                            | Member     |
| 7.  | <b>Prof. D. Acharya</b><br>Director,<br>Indian Institute of Technology<br>Kharagpur - 721302 (W.B.)                                                                                                       | Member     |
| 8.  | <b>Prof. Swapna Banerjee</b><br>Department of Electronics and Electrical<br>Communications<br>Indian Institute of Technology<br>Kharagpur - 721302 (W.B.)                                                 | Member     |
| 9.  | <b>Prof. (Dr.) S. B. L. Saksena</b><br>Professor of Electrical Engg. Department<br>NIT, Jamshedpur - 831014                                                                                               | Member     |
| 10. | <b>Dr. Ramayan Singh</b><br>Lecturer, Deptt. of Mathematics<br>NIT, Jamshedpur - 831014                                                                                                                   | Member     |

## MEMBERS OF FINANCE COMMITTEE

|    |                                                                                    |                                   |
|----|------------------------------------------------------------------------------------|-----------------------------------|
| 1. | <b>Mr. B. Muthuraman</b><br>Dhairman, BOG<br>NIT, Jamshedpur                       | Chairman                          |
| 2. | <b>Prof. Rajnish Shrivastava</b><br>Director<br>NIT, Jamshedpur                    | Member<br>(Ex-Officio)            |
| 3. | <b>Mr. N. Soi</b><br>Director (Finance)<br>MHRD, Govt. of India                    | Member<br>(Central Govt. Nominee) |
| 4. | <b>Dr. Arun Kumar</b><br>Director<br>Deptt. of Sc. & Tech<br>Govt. of Jharkhand    | Member<br>(State Govt. Nominee)   |
| 5. | <b>Prof. Swapna Banerjee</b><br>Professor,<br>IIT, Kharagpur                       | Member<br>(Council Member)        |
| 6. | <b>Prof. S. B. L. Seksena</b><br>Professor, Elect. Engg. Deptt.<br>NIT, Jamshedpur | Member<br>(Senate Nominee)        |
| 7. | <b>Dr. Ramayan Singh</b><br>Asstt. Professor<br>NIT Jamshedpur.                    | Member<br>(Senate Nominee)        |
| 8. | <b>Prof. M. K. Banerjee</b><br>Register (I/c),<br>NIT, Jamshedpur                  | Member-Secretary                  |

## FOREWORD

NIT, Jamshedpur became a fully funded and fully controlled one of the CFTIS Institute under Ministry of Human Resource & Development, Govt. of India with effect from 1st April, 2003. Since then the new management under the esteemed patronage and guidance of Mr. B. Muthuraman, Hon'ble Chairman, Board of Governors of the Institute, has been making steady and diversified progress on all fronts.

The Institute has undergone significant changes since its takeover by the Central Government. The annual system of examination was replaced by semester system based on credits. The undergraduate courses were thoroughly revamped by the faculty in consultation with faculty from IIT, Kharagpur, XLRI and user industries like Tata Steel, Tata Motors and others. Several schemes have been introduced for augmenting teaching activities. The experienced teachers from industries and other organizations provide exposure to the students in modern R&D and industrial practices.

A major thrust has been given to upgrade UG and PG laboratories and to introduce new laboratories as per the requirement of the curricula. Other initiatives taken in the year under report include support for projects involving new innovation in classroom technology, training the teachers and supporting technical staff, upgradation of computing and networking facilities and developing linkages with other institutions, research laboratories, industry and user agencies through different programmes including consultancy.

To instill the spirit of research and technical creativity among the students, the different departments of the institute organize national seminars and fest every year. Technology Students' Gymkhana strives to develop the multi-faceted personality of the students by organizing extra-curricular and co-curricular activities for them every year. One of the remarkable feats achieved by the Institute has been in the sphere of Training and placement. We have achieved impressive placement for our students, with top industrial houses and software companies recruiting our students in a big way. In the year 2010-11, 65 companies visited the Institute for placement and we were able to achieve 100 percent job placement for the eligible students.

*R B Kodali*

(Prof. Rambabu Kodali)  
Director

## **DIRECTOR'S NOTE**

### **LOCATION :**

NIT Jamshedpur is situated at a distance of 12 kilometers from Tatanagar Railway Station, on the banks of the river Kharkai. It is just far enough to ensure that the city with its noise is too distant to distract and just near enough to guarantee that all city facilities are immediately available. The institute is strategically located with the unique advantage of being surrounded by giant and medium scale industries like Tata-Steel, Telco, Indian Steel Wire Products, Tata Tubes, Tinsplate Company, Tata Timken etc. and reputed Institutes like the National Metallurgical Laboratory, Xavier Labour Relations Institute and National Institute of Foundry and Forge Technology, Ranchi.

### **CAMPUS :**

Set against the picturesque backdrop of low hills and a bright flowing river, the 329 acres of rolling campus is a perfect answer to all the demands of a National Institute of Technology. As a seat of scientific and technical learning, N.I.T., Jamshedpur has the advantage of a peaceful atmosphere that soothes frayed nerves and encourages concentration on study and research.

The main building consists of the administrative block, lecture halls, departments, classrooms. The computer center and library is adjacent to academic complex. The staff quarters are located in the eastern side of the campus.

There are 11 hostels in all with furnished rooms and amenities. The institute maintains courts of basketball, volleyball, badminton and tennis. Apart from this, it also has cricket, hockey and football grounds along with a gymnasium.

### **OVERVIEW :**

The Institute became a fully funded and fully controlled Institute under the Central Government with effect from 1st April 2003. The new management took over with Mr. B. Muthuraman, Managing Director, Tata Steel as the chairman of the Board of Governors, with the passage of NIT Act. by the parliament on 15th August, 2007, the institute acquired the status of National Importance.

The Institute has undergone significant changes since takeover by the Central Govt. The most notable change has been in the area of academics. The examinations were running 6 to 9 months behind schedule during the 2002-03 academic years. The senate at its meeting held on 10th July 2003, promulgated new B. Tech. and M. Tech. Regulations and framed a "transitory" syllabus for 1st to 3rd year students. The syllabus was in operation till a new syllabus was drafted.

The annual system of examination of Ranchi University, the former affiliating university, was scrapped and semester system of examination based on credits with internal assessment, continuous evaluation and grading were introduced. Co-curricular activity like NSS was made an integral part of the academic performance to help all round growth of the students.

The undergraduate courses were thoroughly revamped by the faculty in consultation with faculty from IIT Kharagpur, XLRI and user industries like Tata Steel, Teclo etc. There were multiple reviews by faculty from KGP and user industries before the revised syllabus was placed before the Senate and came into effect from 2004-05 academic session.

The UG course offers choice of Elective to students from 6th semester onwards so that they can specialize in their chosen area. Introduction of Humanities and Social Science related compulsory subjects in areas like Engineering Economics, Organizational Behavior and Industrial Psychology, Sustainable Development, Management Information Systems, Language Appreciation courses and co-curricular subjects like community development etc. will go a long way in broadening the horizon of the students and helping them think laterally-a quality so very essential in engineers of tomorrow. The students undertake a 2 semester project work in their final year in collaboration with industries which help the students and faculty to meaningfully work with the industries in addressing some of their problems.

After the approval of the Ph.D. rules and regulations, successive batches of Ph. d. Students have been admitted and are pursuing the programme.

Since teaching is the main forte of the Institute, several schemes have been approved by the BOG for augmenting teaching activities. These include appointment of adjunct faculty from IITs/XLRI, R & D organizations like NML, major industries in an around Jamshedpur, emeritus faculty, guest faculty etc. The experienced teachers from industries and other organizations provide the much-needed exposure to the students in modern R & D and industrial practices.

The Institute has embarked on giving a major thrust to upgrading of UG and PG laboratories and introducing new laboratories as per the requirement of the new curricula. The infrastructure support provided by MHRD for building the campus LAN and WAN which has connected all departments/centers/sections to the Computer Centre needs special mention. All the hostels have been provided with Wi-Fi Internet Connectivity and are in the process of being equipped with cyber cafes. Complete automation of all the departments, Centres Sections and Hostels for academic and non-academic activities has been effected through campus MIS-UAIMS software, thus paving the way for e-governance.

A major impetus to the upgradation of the existing laboratories and building new ones has been the World Bank funded project under TEQIP. NIT JSR has been included in the list of institutions to be funded and Rs. 10 crores has been received. Major laboratories have been modernized with latest equipment and software in the year under report. The Institute has taken steps to be included in the EDUSAT project and it is hoped that this will act as a major force multiplier in providing quality technical education.

Campus ambience is a significant factor that contributes to the quality of education and life style of the staff and students. The academic building and the Halls of Residences have been thoroughly refurbished. Augmentation of civil and electrical infrastructure facilities are in progress and some more are on the drawing board. New roads are being built, the existing roads are being widened and extensive planting of trees has been undertaken.

An additional floor on top of Computer Centre has housed the Department of Computer Applications, two large multi-media equipped seminar rooms, one large CAD laboratory and other computer laboratories including e-learning laboratory.

Library automation thorough LIBSYS Software is near completion. An e-book / e-journal section in the library has started. In addition to this, we have online services through INDEST CONSORTIUM on different subjects for nine electronic journals. Services of Bibliographic Databases (J Gate Custom Content for Consortia) are also available now.

6 new faculty houses have been constructed. The girls' hostel, which was in a dilapidated condition and was, declared "unsafe" has been thoroughly repaired. ASTD/PCO/Xerox booth cum eatery has been built in the hostel area to cater to the needs of the students.

The academic area is being enclosed within a boundary wall to limit entry of outsiders into the academic complex. A boundary wall around the sprawling 329-acre campus, which is totally open, is being built to enhance campus security. We are facing a problem from local people in the matter but it is hoped that with the cooperation of local administration the work shall be completed.

The assistance received from Tata Steel in executing the infrastructure development work is deeply appreciated. The group also helped out with various students activities, especially sports throughout the year.

To streamline the administrative functioning of the institute as well as to involve a large number of faculty members in the running of administration, various new centres and cells were conceptualized and professors-in-charge were appointed for them.

The work on 300-seated boys hostel and gymkhana is over and they have added to the new facilities on the campus.

The Institute is strongly committed to decentralization of operation and various academic and administrative committees have been formed which effectively delegates the power to the Departments/Centres/Sections so that they can plan their operations and growth without interference. New purchase rules, sponsored Research and Industrial Consultancy rules have been framed and implemented so that R & D work can be accelerated.

### **NEW INITIATIVES :**

High priority is being given to modernization and removal of obsolescence at the institution. New initiatives are being taken in the following fields :

- a) Removal of obsolescence in workshop machinery and equipment of laboratories.
- b) Modernization of laboratories and workshops by addition of new equipments.
- c) Augmentation of library facilities.
- d) Support for projects involving new innovation in classroom technology.
- e) Training and retraining for the teaching and supporting technical staff.
- f) Up gradation of computing and networking facilities.
- g) Creating and updating the infrastructure for R and D effort.
- h) Supporting sponsored/joint research projects in Engineering and Technology.
- i) Providing project based financial support for creation of infrastructural facilities in terms of laboratories and quality manpower in emerging areas.
- j) Developing horizontal and vertical linkages with other institutions, research laboratories, industry and user agencies through multiplicity of programs including consultancy.

### **ACADEMIC PROGRAMMES AND COURSES OFFERED The Institute offers B. Tech. Courses in**

- ❖ Civil engineering
- ❖ Computer Science and Engineering
- ❖ Electrical Engineering
- ❖ Electronics Engineering
- ❖ Mechanical Engineering
- ❖ Metallurgical Engineering and Material Science
- ❖ Production Engineering and Management

### **And Post Graduate Programmes in**

- ❖ Computer Integrated Design and Manufacturing
- ❖ Extractive Metallurgy (Iron and Steel)
- ❖ Foundry Technology
- ❖ Electrical Power Systems
- ❖ Surface Science and Engineering.

The institute also offers a 3 year (six semester) M.C.A. course

**STUDENT :**

The student's body, which comprises the true wealth of the institute, draws 50% of its strength from the home state and 50% from the entire country. Thus the institute provides a common meeting ground for students from every state. Out here at the institute, we enjoy a glorious glimpse of national integration truly at work. The institute becomes a melting pot where students can shed all individual shades and differences and unite to form a composite body that can be identified as truly Indian.

During the year under report for the first time a students' council has been formed in the institute to represent the wishes and aspirations of the students.

**STUDENTS' ACTIVITIES :**

To instill the spirit of research and technical creativity among the students, the different departments of the Institute organize national level seminars and fests every year. The Metallurgical Engineering Society of the Institute organizes TECHNICA, Mechanical Engineering Society organizes TECHTRYST, the Electrical Engineering Society organizes TECHOSURGE; the Computer Science and Engineering department organizes CRYPTEX, "OJASS", a national level techno-Management fest, is organized with the co-operation of all the departments of the Institute. The unique features of these Fests are Technical paper presentation contest, Project presentation, Robotics competition Programming contests, Web page designing and Technical, IT and Business Quizzes.

The institute believes in the development of the multi-faceted personality of its students. The Students Activity Centre aims to achieve this worthy objective by organizing extra-curricular and co-curricular activities for the students. The Centre is managed by the students who work under the active guidance of the faculty members. The Centre is the hub of numerous activities ranging from sports to music. Different cultural clubs such as the Literary and Debating Club, the Cultural and Dramatics Club, Fine Arts Club for Engineering Students, functioning under the umbrella of Centre organize events through out the year. The national level Cultural Festival "UTKARSH" is celebrated by our students every year. It stands for the spirit of National Integration and Cultural Confluence. The students are also encouraged to take part in different games & also to inculcate in them the true sporting spirit. The Student Activity Centre conducts various sporting events round the year. The prominent among them have been the Annual Athletic Meet. Inter Hall Football, Volley Ball and Basketball Tournament.

**TRAINING AND PLACEMENT**

One of the remarkable feats achieved by the Institute has been in the realm of training and placement. Our Training and Placement Department provides facilities to different companies to conduct written tests and interviews for Campus Recruitment from the final year students. It is a matter of great pride that we have achieved impressive Placement for our students, with top industrial houses and software companies recruiting our students in a big way. In the year 2010-11, 65 companies visited the Institute for placement and the training and placement cell was able to achieve 100 percent job placement for the eligible students.

In collaboration with the training and placement section the soft skills society has been functioning in the institute with the avowed aim of complementing the hard skills of the students and of increasing their placement prospects. Under the tutelage of a Soft Skills expert Professor in charge, the society organized various seminars, workshops and practice sessions related to GD HR interviews and Speech skills for the benefit of the students throughout the year.

Sd/-  
Director



**LIST OF ADMINISTRATIVE OFFICERS**

|                                       | NAME                      | PERIOD          |
|---------------------------------------|---------------------------|-----------------|
| Director                              | Prof. Rajnish Shrivastava | From 05.08.2008 |
| Dean (Development & Faculty Affairs)  | Prof. B.N. Prasad         | From 03.03.2009 |
| Dean (Academic Affairs)               | Prof. S. Saran            | From 07.07.2008 |
| Dean (Students Affairs)               | Prof. M.M. Prasad         | From 03.03.2009 |
| Dean (Research & Non Faculty Affairs) | Prof. S.B.L. Seksena      | From 22.09.2010 |

**HEAD OF THE DEPARTMENT/CENTRE**

|     |                                                       |                                  |
|-----|-------------------------------------------------------|----------------------------------|
| 01. | Department of Civil                                   | Prof. A.K.L Shrivastava          |
| 02. | Department of Chemistry, Physics & Mathematics        | Prof. Y.P. Yadav                 |
| 03. | Department of Computer Centre                         | Prof. T. Mandal                  |
| 04. | Department of Computer Science & Engineering          | Prof. S.B.L. Seksena             |
| 05. | Department of Computer Application                    | Prof. A. Mishra                  |
| 06. | Department of Electrical Engineering                  | Prof. A.K. Singh                 |
| 07. | Department of Electronics & Communication Engineering | Prof. Akhilesh Kumar             |
| 08. | Department of Mechanical Engineering                  | Prof. R.V. Sharma                |
| 09. | Department of Metallurgical & Material Engineering    | Prof. S.N. Sinha                 |
| 10. | Department of Production & Industrial Engineering     | Prof. A.M. Tigga                 |
| 11. | Chief Warden Upper Hostel                             | Prof. S. Jha                     |
| 12. | Chief Warden Lower Hostel                             | Prof. S.N. Singh                 |
| 13. | P/I Finance                                           | Prof. Shailendra Kumar           |
| 14. | P/I (H.R)                                             | Prof. H.N. Singh                 |
| 15. | P/I, Legal                                            | Prof. Shailendra Kumar           |
| 16. | Prof. In-Charge, Training & Placement                 | Prof. S.P. Sharma                |
| 17. | Librarian                                             | Dr. N. Bharti                    |
| 18. | Workshop Superintendent                               | Mr. Rupak Kumar                  |
| 19. | Registrar (In-Charge)                                 | Prof. M.K. Banerjee              |
| 20. | Assistant Registrar                                   | Mr. R.P. Prasad                  |
| 21. | Assistant Librarian                                   | Mr. N.K. Sethy & Mr. Umesh Kumar |
| 22. | Medical Officer                                       | Dr. N.P. Choudhary (P.T.)        |
| 23. | Assistant Engineer                                    | Mr. Deepak Kumar                 |
| 24. | Store Officer                                         | Mr. Sunil Kumar Bhagat           |
| 25. | Proctor                                               | Prof. M.K. Paswan                |
| 26. | Assistant Proctor (Acting)                            | Prof. C.S. Choudhary             |

**DEATAILS OF SEAT AVAILABLE AND ADMITTED STUDENTS  
AT NIT JAMSHEDPUR  
FOR THE ACADEMIC SESSION 2010-2011**

**A). 1. B. TECH. (HONS)**

| State     | Branch                                  | OP         | OPPH      | SC        | SCPH      | ST        | STPH      | OB         | OBPH      | TOTAL      | Total No. of Student admitted | Total No. of Seat Vacant |
|-----------|-----------------------------------------|------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-------------------------------|--------------------------|
| ALL INDIA | Civil Engineering                       | 24         | 00        | 06        | 00        | 03        | 00        | 13         | 00        | 46         | 587                           | 14                       |
|           | Computer Science & Engineering          | 23         | 00        | 07        | 01        | 04        | 00        | 09         | 01        | 45         |                               |                          |
|           | Electronics & Communication Engineering | 23         | 01        | 05        | 00        | 04        | 00        | 13         | 01        | 47         |                               |                          |
|           | Electrical & Electronics Engineering    | 23         | 01        | 07        | 00        | 03        | 00        | 13         | 00        | 47         |                               |                          |
|           | Mechanical Engineering                  | 23         | 01        | 07        | 00        | 02        | 00        | 12         | 00        | 45         |                               |                          |
|           | Metallurgical & Materials Engineering   | 23         | 00        | 08        | 00        | 03        | 00        | 13         | 00        | 47         |                               |                          |
|           | Production & Industrial Engineering     | 11         | 01        | 05        | 00        | 01        | 00        | 05         | 00        | 23         |                               |                          |
|           | <b>Total</b>                            | <b>150</b> | <b>04</b> | <b>45</b> | <b>01</b> | <b>20</b> | <b>00</b> | <b>78</b>  | <b>02</b> | <b>300</b> |                               |                          |
|           | Civil Engineering                       | 23         | 00        | 06        | 00        | 03        | 01        | 13         | 00        | 46         |                               |                          |
|           | Computer Science & Engineering          | 22         | 01        | 07        | 00        | 04        | 00        | 12         | 01        | 47         |                               |                          |
| JHARKHAND | Electronics & Communication Engineering | 22         | 01        | 06        | 00        | 04        | 00        | 12         | 01        | 46         |                               |                          |
|           | Electrical & Electronics Engineering    | 22         | 01        | 05        | 01        | 04        | 00        | 13         | 00        | 46         |                               |                          |
|           | Mechanical Engineering                  | 23         | 00        | 08        | 01        | 04        | 00        | 12         | 00        | 48         |                               |                          |
|           | Metallurgical & Materials Engineering   | 23         | 00        | 06        | 00        | 03        | 01        | 12         | 00        | 45         |                               |                          |
|           | Production & Industrial Engineering     | 10         | 01        | 04        | 00        | 01        | 01        | 06         | 00        | 23         |                               |                          |
|           | <b>Total</b>                            | <b>145</b> | <b>04</b> | <b>42</b> | <b>02</b> | <b>23</b> | <b>03</b> | <b>80</b>  | <b>02</b> | <b>301</b> |                               |                          |
|           | <b>Grand Total (AI + JH)</b>            | <b>295</b> | <b>08</b> | <b>87</b> | <b>03</b> | <b>43</b> | <b>03</b> | <b>158</b> | <b>04</b> | <b>601</b> |                               |                          |

2. 02 Students from Srilanka, 03 Students from Bangladesh and 01 student from Mozambic were admitted under ICCR Cultural Scholarship Scheme.

**B). M. TECH/MCA STUDENTS ADMITTED IN THE SESSION 2010-2011**

| COURSE                                                                     | SANCTIONED INTAKE | STUDENT ADMITTED |
|----------------------------------------------------------------------------|-------------------|------------------|
| A) MCA 3 years<br>6 <sup>th</sup> Semester Course                          | 92                | 64               |
| B) M. Tech. 2 years<br>4 <sup>th</sup> Semester Course                     | 54                | Nil              |
| i) Surface Sc. & Engg.<br>(Chemistry Deptt.)                               |                   |                  |
| ii) Power System<br>(Electrical Deptt.)                                    |                   | 11               |
| iii) C.I.D.M<br>(Mechanical Deptt.)                                        |                   | 07               |
| iv) A. Foundry Technology<br>B. Extractive Met.<br>(Met. Engg. & Mat. Sc.) |                   | Nil              |
| v) VLSI (ECE)                                                              |                   | Nil              |

**B). RESULT OF B. TECH. (HONS.) 8TH SEMESTER 2011 EXAMINATION**

| SL. | BRANCH                | STUDENTS<br>APPEARED | STUDENTS<br>PASSED | STUDENTS FAILED |
|-----|-----------------------|----------------------|--------------------|-----------------|
| 01. | CIVIL.                | 43                   | 43                 | 01              |
| 02. | COMPUTER SC. & ENGG.  | 64                   | 64                 |                 |
| 03. | ELECTRICAL ENGG.      | 66                   | 66                 |                 |
| 04. | ELECTRONICS ENGG.     | 66                   | 66                 |                 |
| 05. | MECHANICAL ENGG.      | 64                   | 64                 |                 |
| 06. | MET. ENGG. & MAT. SC. | 42                   | 41                 |                 |
| 07. | PRODUCTION ENGG.      | 17                   | 17                 |                 |

Dean (Academic)  
NIT, Jamshedpur



**DEPARTMENT OF TRAINING AND PLACEMENT & STUDENTS WELFARE**

1. Name of the Department : Training & Placement & Students Welfare
2. Year of starting : 1973 -74
3. Faculty : Dr. S.P. Sharma, Coordinator,  
: Dr. R.N. Mohanty, Co coordinator,  
: Dr. Rajiv Bhushan, Co coordinator  
: Dr. Prahlad Prasad, Cocordinator
4. Number of Supporting Staff : (Category Wise)
  - (i) Sri Arjun Kumar Singh : Assistant SG-II
  - (ii) Sri Raghu Nath Mukhi : Lab Attendant

The Training and Placement committee constitutes of final year students representative from all discipline of U G as well as P.G (who was called placement coordinators and are elected by students themselves). The Placement coordinators are elected in the month of January or February when they are in their pre-final year. They work along with the final year students in the spring semester to become familiar with the process and also equip themselves with the requisite skills and culture. The committee works out policies and schedule of the activities related to summer Training or internship and campus recruitment. The Committee thereafter establishes contact with the companies, allot them slots and dates that are best suited and assist them during their visit to the institute.

**Summer Training:**

The two month Summer Training or Industrial Training at the end of 6<sup>th</sup> semester is compulsory for all UG students. The program carries academic credit. Grades are awarded on the basis of a report covering the work done and a seminar lecture. The training aims to familiarize the students with the industrial practices. The Training and Placement Cell assists the departments in placement of students at major industries.

**Campus Recruitment:-**

The Training & Placement Cell of the Institute provides facilities to companies to conduct recruitment, interview and written test for the final year students of B. Tech (Hons) of various disciplines including MCA and M. Tech. Each company delivers a pre-placement talk (PPT) about the company, the job and the compensation offered etc followed by a question session in which the representative of the company answer the questions raised by the students. The recruitment procedure varies in accordance with the desire of the visiting company, which may include written test, Group Discussion and interview (Technical and Personal). In certain cases the companies seek Bio-Data of the students for selection at their corporate office at company's cost.

65 companies visited the campus which started in the month of July 2010 and continued throughout for the academic session 2010 - 11.

**Brief Summary of the Campus Recruitment for session 2010-11**

**The Total No. of students for recruitment for the session were – 438**

**The Total No. of Students placed – 375**

**Total Job Offers = 464**

**The Total No. of Students left unplaced were -63**

**NOTES: Students with two job offers are marked with \***

# **PLACEMENT DETAILS OF 2006 BATCH : 2010 Passing Out Batch**

## **SESSION 2010-2011**

| Sl. No. | Name of Company        | Electronics & Comm. Engg. (67) | Electrical Engg. (67) | Computer Sc. & Engg. (64) | Med. Engg. (64) | Civil Engg. (43) | Production & Industrial Engg. (17) | Metallurgical Engg. & Mat. Sc. (46) | MTech (18) | MCA (56) | Total (442) | Package (LPA) |
|---------|------------------------|--------------------------------|-----------------------|---------------------------|-----------------|------------------|------------------------------------|-------------------------------------|------------|----------|-------------|---------------|
| 1       | Cummins India          | —                              | 1                     | —                         | 1               | —                | 0                                  | —                                   | —          | —        | 2           | 3.25          |
| 2       | Tata Technologies      | 1                              | 0                     | 4                         | 2               | —                | 0                                  | —                                   | —          | —        | 7           | 3.25          |
| 3       | Telcon                 | —                              | —                     | —                         | 1               | —                | 1                                  | —                                   | —          | —        | 2           | 4.2           |
| 4       | Tata Motors            | —                              | 2                     | —                         | 3               | —                | 0                                  | —                                   | —          | —        | 5           | 4.6-5.37      |
| 5       | Jusco                  | —                              | 2                     | —                         | —               | 1                | —                                  | —                                   | —          | —        | 3           | 5.76          |
| 6       | Mu-Sigma               | 2                              | 1                     | 0                         | 1               | 0                | 1                                  | 0                                   | —          | —        | 5           | 3.3           |
| 7       | IOCL                   | —                              | 6                     | —                         | 5               | 1                | —                                  | —                                   | —          | —        | 12          | 8.3-8.8       |
| 8       | TRF                    | —                              | 2                     | —                         | 1               | 1                | 2                                  | —                                   | 1          | —        | 7           | 4.2           |
| 9       | ArcelorMittal          | —                              | —                     | —                         | 1               | —                | 2                                  | 4                                   | —          | —        | 7           | 4.0/4.75      |
| 10      | Tata Steel             | 1                              | 1                     | —                         | 2               | —                | 0                                  | 0                                   | —          | —        | 4           | 5.71          |
| 11      | LANCO                  | —                              | 4                     | —                         | 7               | 4                | —                                  | —                                   | —          | —        | 15          | 4             |
| 12      | Ashok Leyland          | —                              | —                     | —                         | 2               | —                | 1                                  | —                                   | —          | —        | 3           | 3.75          |
| 13      | CCCL                   | —                              | —                     | —                         | —               | 5                | —                                  | —                                   | —          | —        | 5           | 3.6           |
| 14      | ABB                    | 1                              | 2                     | —                         | 0               | —                | —                                  | —                                   | —          | —        | 3           | 4.25          |
| 15      | Maruti                 | —                              | 2                     | —                         | 4               | —                | —                                  | —                                   | —          | —        | 6           | 4.5-5.35      |
| 16      | L&T Heavy              | —                              | 1                     | —                         | 6               | 1                | —                                  | —                                   | —          | —        | 8           | 3.4           |
| 17      | Sapient                | —                              | —                     | —                         | —               | —                | —                                  | —                                   | —          | 7        | 7           | 4.23          |
| 18      | Aricent                | 9                              | 0                     | 18                        | —               | —                | —                                  | —                                   | —          | 13(2*)   | 40          | 3.5           |
| 19      | JSL                    | —                              | —                     | —                         | 0               | —                | —                                  | 2                                   | —          | —        | 2           | 4.5           |
| 20      | Gammon India           | —                              | —                     | —                         | —               | 8                | —                                  | —                                   | —          | —        | 8           | 3.0           |
| 21      | NTPC                   | —                              | 4                     | —                         | 2               | —                | —                                  | —                                   | —          | —        | 6           | 9.8           |
| 22      | Suzuki Powertrain      | —                              | —                     | —                         | 3               | —                | —                                  | —                                   | —          | —        | 3           | 4.5           |
| 23      | Hindalco               | 1                              | —                     | —                         | 0               | —                | —                                  | 1                                   | —          | —        | 2           | 3.15          |
| 24      | Rancore                | 5                              | —                     | 4                         | —               | —                | —                                  | —                                   | —          | —        | 9           | 4.8           |
| 25      | Reliance Power         | —                              | 5                     | —                         | 4               | —                | 1                                  | —                                   | —          | —        | 10          | 5.67          |
| 26      | Tata Steel             | —                              | 1                     | —                         | 1               | —                | —                                  | 1                                   | —          | —        | 3           | 5.6           |
| 27      | TVS Motors             | —                              | —                     | —                         | 0               | —                | 0                                  | 1                                   | —          | —        | 1           | 3.5           |
| 28      | JSW                    | —                              | 3                     | —                         | 0               | 1                | —                                  | 20                                  | —          | —        | 24          | 3.6           |
| 29      | L&T ECC                | —                              | 0                     | —                         | 0               | 3(1*)            | —                                  | —                                   | —          | —        | 3           | 3.00          |
| 30      | TVS motors             | —                              | —                     | —                         | 0               | —                | 0                                  | 1                                   | —          | —        | 1           | 3.5           |
| 31      | Mecon                  | —                              | 1                     | —                         | 4(2*)           | 1                | —                                  | —                                   | —          | —        | 6           | 6.5           |
| 32      | Essar group            | —                              | 5                     | —                         | 5               | —                | —                                  | 1                                   | —          | —        | 11          | 4.2           |
| 33      | ACC Cements            | —                              | 2                     | —                         | 1               | —                | —                                  | —                                   | —          | —        | 3           | 4.0           |
| 34      | FMC Technologies       | —                              | —                     | —                         | 1*              | —                | 0                                  | —                                   | 0          | —        | 1           | 5.2           |
| 35      | Renault-Nissan         | —                              | 1                     | —                         | (3*)            | —                | 0                                  | (1*)                                | 1          | —        | 6           | 5.5/6.0       |
| 36      | Gati Infrastructure    | —                              | —                     | —                         | 0               | 4                | —                                  | —                                   | —          | —        | 4           | 3.5           |
| 37      | Sankalp Semiconductors | 0                              | 0                     | —                         | —               | —                | —                                  | —                                   | —          | —        | 0           | 4.0           |
| 38      | JSPL                   | —                              | 6                     | —                         | 0               | 2                | 3                                  | 2                                   | —          | —        | 13          | 3.3           |
| 39      | Samsung(SEL)           | —                              | —                     | 6(4*)                     | —               | —                | —                                  | —                                   | —          | 0        | 6           | 4.4           |

| Sl. No. | Name of Company      | Electronics & Comm. Engg. (62) | Electrical Engg. (59) | Computer Sc. & Engg. (60) | Mech. Engg. (71) | Civil Engg. (48) | Production & Industrial Engg. (18) | Metallurgical Engg. & Mat. Sc. (46) | MTech (26) | MCA (38)  | Total (428) | Package (LPA) |
|---------|----------------------|--------------------------------|-----------------------|---------------------------|------------------|------------------|------------------------------------|-------------------------------------|------------|-----------|-------------|---------------|
| 40      | Tayo Rolls Ltd.      | —                              | 1                     | —                         | 0                | —                | 1                                  | 2                                   | —          | —         | 4           | 4.0           |
| 41      | One97                | 0                              | 0                     | 3                         | —                | —                | —                                  | —                                   | —          | 2         | 5           | 5.0           |
| 42      | Infosys              | 28                             | 1                     | 17                        | 0                | 0                | 1                                  | 2                                   | 2          | 6         | 57          | 3.25/3.5      |
| 43      | IBM                  | 9                              | 4                     | 7                         | —                | 1                | —                                  | 0                                   | —          | 8         | 29          | 3.4           |
| 44      | Tata Tinplate        | 0                              | 1                     | —                         | 1                | —                | —                                  | 1                                   | —          | —         | 3           | 2.98          |
| 45      | Virtusa              | 2(1*)                          | 2*                    | 9*                        | —                | —                | —                                  | —                                   | —          | 1         | 14          | 5.5           |
| 46      | Adani group          | 1                              | 2                     | —                         | 2                | 0                | —                                  | —                                   | —          | —         | 5           | 3.6           |
| 47      | NMDC                 | —                              | 4*                    | —                         | 6*               | —                | —                                  | —                                   | —          | —         | 10          | 4.8           |
| 48      | Sapient              | 4(3*)                          | 2(2*)                 | 5(4*)                     | —                | —                | —                                  | —                                   | —          | —         | 11          | 4.5           |
| 49      | Tech Mahindra        | —                              | —                     | 1                         | —                | —                | —                                  | —                                   | —          | 2         | 3           | 3.2           |
| 50      | Tata Power           | —                              | 6(4*)                 | —                         | —                | —                | —                                  | —                                   | —          | —         | 6           | 4.2           |
| 51      | Head Strong          | 7(7*)                          | —                     | 1(1*)                     | —                | —                | —                                  | —                                   | —          | —         | 8           | 3.6           |
| 52      | Usha Martin          | —                              | —                     | —                         | —                | —                | —                                  | 1                                   | —          | —         | 1           | 2.3           |
| 53      | Tata Auto Components | —                              | 1                     | —                         | 3                | —                | —                                  | 1(1*)                               | —          | —         | 5           | 3.6           |
| 54      | Lafarge India        | —                              | 1(1*)                 | —                         | 0                | 2(2*)            | 1                                  | —                                   | —          | —         | 4           | 4.72          |
| 55      | Visa Steel           | 1                              | 0                     | —                         | 0                | 1                | —                                  | —                                   | —          | —         | 2           | 3.6           |
| 56      | Mahindra FES         | —                              | 0                     | —                         | —                | —                | —                                  | —                                   | —          | —         | 0           | 4.4           |
| 57      | HPCL                 | —                              | 1(1*)                 | —                         | 2(2*)            | 1(1*)            | —                                  | —                                   | —          | —         | 4           | 8.00          |
| 58      | Vizag Steel          | 1(1*)                          | 1(1*)                 | 0                         | 3(3*)            | 1(1*)            | —                                  | 8(8*)                               | —          | —         | 14          | 7.6           |
| 59      | Microsoft            | —                              | —                     | 0                         | —                | —                | —                                  | —                                   | —          | —         | 0           | 8.05          |
| 60      | ISWP                 |                                |                       |                           |                  |                  |                                    |                                     |            |           |             | 3.98          |
| 61      | Simplex Infra        | —                              | —                     | —                         | —                | 0                | —                                  | —                                   | —          | —         | 0           | —             |
| 62      | ERA Group            | —                              | —                     | —                         | —                | 0                | —                                  | —                                   | —          | —         | 0           | —             |
| 63      | L & T IES            | 1                              | 0                     | —                         | —                | —                | 0                                  | —                                   | —          | —         | 1           | 3             |
| 64      | Canara Bank          | 3(3*)                          |                       | 2(1*)                     |                  |                  |                                    |                                     |            | 5(3*)     | 10          | 4.5-6.5       |
| 65      | IDBI Bank            | —                              | 3(2*)                 | —                         | —                | —                | —                                  | —                                   | —          | —         | 5           | 5.3           |
|         | <b>Strength</b>      | <b>67</b>                      | <b>67</b>             | <b>64</b>                 | <b>64</b>        | <b>43</b>        | <b>17</b>                          | <b>42</b>                           | <b>18</b>  | <b>56</b> | <b>438</b>  |               |
|         | <b>Placed</b>        | <b>62</b>                      | <b>64</b>             | <b>58</b>                 | <b>60</b>        | <b>34</b>        | <b>14</b>                          | <b>39</b>                           | <b>4</b>   | <b>40</b> | <b>375</b>  |               |
|         | <b>Unplaced</b>      | <b>5</b>                       | <b>3</b>              | <b>6</b>                  | <b>4</b>         | <b>9</b>         | <b>3</b>                           | <b>3</b>                            | <b>14</b>  | <b>19</b> | <b>63</b>   |               |

**\*\*+Placement record upto 28/04/11**

**Total No. of Students placed – 369 / 442**

**Total Job Offers = 448**

**Placement Session started on 20<sup>th</sup> July 2010.**

**NOTES:**

**P stands for placed students**

**UP stands for unplaced students**

**Students with one job offer are un-starred**

**Students with two job offers are marked with \***



**DEPARTMENT OF CIVIL ENGINEERING**

Head of the Department : (i) Dr. A. K. L. Srivastava (up to 17.10.2011)  
(ii) Dr. Ashok Kumar Khan (From 18.10.2011 to till date)

Faculty and specialization :

**Professor :**

| Sl. No. | Name of the Faculty | Designation | Highest Qualification | Area of Specialization                    |
|---------|---------------------|-------------|-----------------------|-------------------------------------------|
| 1.      | Dr. M.M.Prasad      | Professor   | Ph.D (IIT Roorkee)    | Structural Engineering                    |
| 2.      | Dr. A.K.Khan        | Professor   | Ph.D (IIT Kharagpur)  | Soil Mechanics and Foundation Engineering |

**Associate Professor :**

| Sl. No. | Name of the Faculty  | Designation         | Highest Qualification | Area of Specialization                                               |
|---------|----------------------|---------------------|-----------------------|----------------------------------------------------------------------|
| 1.      | Dr. A.K.L.Srivastava | Associate Professor | Ph.D (IIT Kharagpur)  | Structural Engineering (Static & Dynamic Stability of Plates/ Shell) |

**Assistant Professor :**

| Sl. No. | Name of the Faculty  | Designation         | Highest Qualification                               | Area of Specialization                    |
|---------|----------------------|---------------------|-----------------------------------------------------|-------------------------------------------|
| 1.      | Dr. A.K.Singh        | Assistant Professor | Ph.D (IIT Roorkee)                                  | Geotechnical Engineering                  |
| 2.      | Dr. A.K.Choudhary    | Assistant Professor | Ph.D (Ranchi University)                            | Soil Mechanics and Foundation Engineering |
| 3.      | Shri Nigam Prakash   | Assistant Professor | M.Sc. Engg. (Jadavpur University)                   | Hydrology & Water Resource                |
| 4.      | Dr. B.K.Prasad       | Assistant Professor | Ph.D(RGPV, Bhopal)                                  | Structural Engineering                    |
| 5.      | Dr. Sanjay Kumar     | Assistant Professor | Ph.D (Ranchi University)                            | Structural Engineering                    |
| 6.      | Shri Virendra Kumar  | Assistant Professor | M.E. (Sambalpur University) Pursuing Ph.D under QIP | Structural Engineering                    |
| 7.      | Dr. Shailendra Kumar | Assistant Professor | Ph.D (IIT Khargapur)                                | Structural Engineering                    |
| 8.      | Dr. A.K.Sinha        | Assistant Professor | Ph.D (IIT Roorkee)                                  | Transportation Engineering                |
| 9.      | Shri S.K.Paswan      | Assistant Professor | M.Sc.Engg. (Ranchi University) & Pursuing Ph.D      | Soil Mechanics and Foundation Engineering |
| 10.     | Shri R.P.Singh       | Assistant Professor | Pursuing Ph.D under QIP                             | Geotechnical Engineering                  |
| 11.     | Shri P.Prasad        | Assistant Professor | Ph. D (Submitted) IIT Roorkee                       | Earthquake Engineering                    |
| 12.     | Shri S.R.Pandey      | Assistant Professor | M.Sc.Engg. (Ranchi University) & Pursuing Ph.D      | Structural Engineering                    |
| 13.     | Shri Ashok Kumar     | Assistant Professor | M.Sc.Engg. (Ranchi University) & Pursuing Ph.D      | Structural Engineering                    |

3. **LABORATORIES** : (i) Soil Mechanics & Foundation Engineering Laboratory  
(ii) Transportation Engineering Laboratory  
(iii) Concrete Laboratory  
(iv) Survey Laboratory  
(v) Environmental Laboratory
4. New Acquisitions : NIL
5. Research Facilities : NIL
6. Testing & Consultancy : 126 projects were done during 2010-2011.
7. Research Paper published in Journals/Conferences:

***International Journal :***

***National Journal :***

1. **Khan,A,Srinivas,V and Khan A.K (2011)**, “Performance of Concrete by replacing coarse aggregate with slag”- Indian Concrete Journal, April 2011, vol.85, No.4( pp 47-50).
8. Workshop/seminar/short term course attended :
9. Laurel & Distinction:

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING****Annual Report 2010 - 2011**

1. Name of the Head : Dr. R. K. Prasad
2. Faculty Position : Professor - Nil  
 Associate Professor - Nil  
 Assistant Professor - 04  
 Assistant Professor (on contract) - 04  
 Lecturer (on contract) - 02

| Sl. No. | Name of the Faculty      | Designation         | Highest Qualification                                                | Area of Specialization                                                                    |
|---------|--------------------------|---------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1.      | Mr. Rajiv Ranjan Suman   | Assistant Professor | M. Tech. (Comp. Sc. & Engg.)<br>Pursuing Ph.D at IIT Kharagpur       | Software Engineering, Algorithms                                                          |
| 2.      | Mr. Binod Kumar Singh    | Assistant Professor | M.Tech. (Comp. Sc. & Engg.),<br>IIT, Roorkee                         | Software Engg., Operating Systems,<br>DBMS, Computer Architecture, Image<br>processing    |
| 3.      | Mr. Sanjay Kumar         | Assistant Professor | B.E. (Mysore University)<br>Pursuing Ph.D under<br>Ranchi University | Computer Networks, Artificial<br>Intelligence, Parallel Processing,<br>Mobile Computing   |
| 4.      | Mr. Dilip Kumar          | Assistant Professor | B.E. (BIT Sindri)                                                    | Computer Graphics, Operating<br>Systems, Internet Technology,<br>Network Security         |
| 5.      | Mr. Bhaskar Mondal       | Assistant Professor | M.Tech. (Comp. Sc. & Engg.),<br>K.G. E.C. Kalyani, W.B.              | Data Mining & Data Warehousing,<br>Compiler Design, Soft Computing<br>Image Processing.   |
| 6.      | Mr. Sunil Kumar Singh    | Assistant Professor | M.Tech. (Comp. Sc. & Engg.),<br>K.G. E.C. Kalyani, W.B.              | Computer Organization &<br>Architecture, Operating System,<br>Networking, Compiler Design |
| 7.      | Mr. Rajesh Duvvuru       | Assistant Professor | M.Tech (Comp. Sc. & Engg).                                           | Computer Networks, Design and<br>analysis of algorithms, Network<br>Security              |
| 8.      | Dr. Arup Kumar Pal       | Assistant Professor | Ph.D. (Comp Sc & Engg)                                               | Vector Quantization, Image<br>Cryptosystem, Steganography                                 |
| 9.      | Mrs. Suprita Das         | Lecturer            | B. Tech(Comp Sc & Engg)                                              | Software engineering, network<br>security, operating system,<br>computer network          |
| 10.     | Mr. Saurabh Singh Thakur | Lecturer            | B. Tech ( Comp Sc & Engg),<br>Pursuing M. Tech at<br>IIT Kharagpur   | Data Structures, DBMS, Computer<br>Networks                                               |

3. **Name of Laboratories:**

- Software Lab. equipped with 20 dual core PCs, 30 PIV PCs, 2 Intel Xeon Servers with software Oracle database 10g, IBM Web Sphere, etc
- Hardware Lab. (Under Development)
- Computer Networking Lab. equipped with P-IV PCs, Intel Servers
- Multimedia Lab. (Under Development)
- Artificial Intelligence Lab. (Under Development)

4. **New Acquisitions : NIL**

5. **Research Facilities :** Computing facilities of CSE department's software lab and 150 Mbps Internet connection available through Institute LAN is used for research work.



**6. Consultancy & Testing : NIL**
**7. Research paper published in journals/conferences: 03 (Conference – 00, Journal- 01)**

1. *Sunil Kr. Singh, Jyoti Prakash Singh, and Paramartha Dutta* **Neighbor Prediction in Mobile Ad hoc Network: A Data Mining Approach**. International Journal of Computers, Communication and Control. (IJCCC) July, 2010.

**8. Workshop / Seminar / Short term courses attended: 04 (Workshop – 02, STTP – 02)**

|                          |                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sunil Kumar Singh</b> | <ol style="list-style-type: none"> <li>1. <b>Short Term Training Programme on Simulation of Wireless Networks (SWN – 2011) 20th – 24th June 2011. In NIT Surathkhal, Karnataka.</b></li> <li>2. <b>Workshop on Soft Computing : Theory and its application (WSCTA) on Jan 8 2011 at Academy of Technology, Bandal, West Bengal.</b></li> </ol> |
| <b>Rajesh Duvvuru</b>    | <b>Short Term Training Programme on Simulation of Wireless Networks (SWN – 2011) 20th – 24th June 2011. In NIT Surathkhal, Karnataka.</b>                                                                                                                                                                                                      |
| <b>Bhaskar Mondal</b>    | <b>Workshop on Soft Computing : Theory and its application (WSCTA) on Jan 8 2011 at Academy of Technology, Bandal, West Bengal</b>                                                                                                                                                                                                             |

**9. Laurel & Distinction : Nil**
**10. Projects Handled**

|                        |                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mrs Suprita Das</b> | Completed the Following project in capacity as a test engineer & Execution of the test cases using sample data in CTS on July-Dec 2010.                                                         |
|                        | Project #1. Uniplane CRM Project<br>Client: Wesfarmers Curragh Pvt. Ltd.<br>Environment: Windows XP<br>Duration: During training<br>Team size:4<br>Testing Approach : Manual Testing            |
|                        | Project #2. Consumers marine online shopping store<br>Client: One Complete Solution<br>Environment: Windows XP<br>Duration: During Training<br>Team size: 4<br>Testing Approach: Manual Testing |

**DEPARTMENT OF COMPUTER APPLICATIONS**

Annual Report 2010-2011

1. **Name of the Head** : Dr. A. Mishra2. **Faculty Position (with name, degree and specialization)**

| Sl. No. | Name of the Faculty | Designation         | Degree   | Specialization                                                                  |
|---------|---------------------|---------------------|----------|---------------------------------------------------------------------------------|
| 1.      | Dr. A. Mishra       | Professor           | Ph.D.    | Decision Support Systems, Operations Research, Financial Management             |
| 2.      | Mr. A. K. Mehta     | Associate Professor | M. Tech. | Microprocessor Applications, Soft Computing                                     |
| 3.      | Mr. D. K. Yadav     | Associate Professor | M. Tech. | Software Reliability, Fuzzy Logic, Soft Computing                               |
| 4.      | Mr. D. K. Shaw      | Assistant Professor | MCA      | Network Optimization, Data Structures & Program Design, Supply Chain Management |
| 5.      | Dr. D. A. Khan      | Assistant Professor | Ph. D.   | Optimization Technique, Computer Applications                                   |

3. **Laboratories** : MCA Lab.4. **New Acquisition** : Nil5. **Research Facilities** : Available for Supply Chain Management, Operations Research, Operations Management, Financial Management, Computer Applications.6. **Consultancy & Testing** : Nil7. **Research paper published in journals/conferences :**

(a) Research paper published in Journal : Shaw, D. K., Mishra, A., and Khan, D.A.  
An integrated inventory model for vendor-customer coordination in a supply chain, Int. J. Business performance and supply chain modeling, Vol. 3, No. 2, pp. 181 - 194, 2011, U.S.A.

(b) Research paper published in Conferences : NIL

8. **Workshop/seminar/short-term course attended** : NIL9. **Laurel & Distinction** : NIL

## ELECTRICAL ENGINEERING DEPARTMENT

1. **Name of the Head** : Dr. Niranjana Kumar

2. **Faculty positions :**

| Sl. No. | Name of the faculty     | Designation         | Highest Qualification<br>July 2009 – June 2010 | Area of Specialization                   |
|---------|-------------------------|---------------------|------------------------------------------------|------------------------------------------|
| 1.      | Dr. S. B. L. Seksena    | Professor           | Ph.D.<br>University of Roorkee                 | Instrumentation & Measurement            |
| 2.      | Dr. A. K. Singh         | Professor           | Ph.D.IIT Kharagpur                             | Control System                           |
| 3.      | Sri S. K. Gupta         | Associate Professor | M. Tech RIT Jamshedpur                         | Power system                             |
| 4.      | Dr. A. N. Thakur        | Associate Professor | Ph. D. IIT Kharagpur                           | Power Electronics And Drives             |
| 5.      | Dr. A. B. Chattopadhyay | Associate Professor | Ph. D. IIT Kharagpur                           | Electrical Machine & Drives              |
| 6.      | Dr. Niranjana Kumar     | Associate Professor | Ph. D.IIT Roorkee                              | Power System                             |
| 7.      | Dr. R. N. Mahanty       | Associate Professor | Ph. D. IIT Kharagpur                           | Power System Protection                  |
| 8.      | Dr. A. K. Akella        | Assistant Professor | Ph. D.IIT Roorkee                              | Renewable Energy System & Control System |
| 9.      | Dr. K. B. Yadav         | Assistant Professor | Ph. D.IIT Roorkee                              | Electrical Machine & Power System        |
| 10.     | Dr. U. K. Sinha         | Assistant Professor | Ph.D.Ranchi University                         | Solar Energy                             |
| 11.     | Ms Kumari Namrata       | Assistant Professor | M. Tech Ranchi University                      | Power system                             |
| 12.     | Ms Madhu Singh          | Assistant Professor | M. Sc. Engg.Ranchi University                  | Power Electronics                        |
| 13.     | Sri Alok Priyadarshi    | Assistant Professor | B.Sc. Engg. University of Bihar                | .....                                    |

3. **Laboratories:**

- (i) Electrical Machine Lab.
- (ii) Instrumentation and Measurement Lab.
- (iii) Power System Lab.
- (iv) Control System Lab

- (v) Power Electronics Lab. (UG)
- (vi) Power Electronics Lab. (PG)
- (vii) Microprocessor and Microcontroller Lab.
- (viii) Signal and Networks Lab.
- (ix) Computer simulation Lab

#### **4. New Acquisitions :**

- (i) Harmonics Analysis
- (ii) Spectrum Analysis Model
- (iii) Function Generator
- (iv) Microprocessor and Microcontroller Kits
- (v) Relay Test Set
- (vi) CRO

#### **5. Research Facilities :**

##### **(i) On Going Activities**

Modeling and simulation of electrical machines, Power System problems and drives problems, Renewable Energy System ,Design, Simulation and modeling of SGSP for various applications, Design, Simulation and modeling of parabolic and cylindrical concentration collector for various application, Optimization using H2/H infinity method, Application of wavelet transform, Neural network and Fuzzy method to power system protection and control problems, Digital instrumentation and measurement, Modeling simulation of power electronics and drive problem.

##### **(ii) Thrust Area**

Power electronics, Electrical machines and drives, Instrumentation and control, Power system protection, Renewable energy systems.

##### **(iii) Sponsored Research**

AICTE sponsored project on “development of power electronics application centre”  
Co-ordinator: Dr. A. N. Thakur

##### **(iv) Ph.D. Degree (Awarded)**

One number of candidate completed their Ph.D work.

#### **6. Consultancy and Testing**

Testing of electrical machines, Calibration of high voltage machines, transformers' oil, Different types of insulators for H. T. and L. T. applications.

#### **7. Research papers published in Journals and Conferences**

- (i) Singh, S.N., **Singh, A. K.**, “Sustainable Solar Power Generation of India Village Empowerment – a Case Study.” **Jeema Journal, Dec – 2010, Vol. 2, No. – 4, pp: 128-132.**
- (ii) Singh, S. N., **Singh, A. K.**, “Simulation of Grid – assisted Solar Power Converts: an effective Solution for Power Crisis in Rural India.” **A. S. J. Energy Env, 2010, 11(02), pp: 96 – 102.**
- (iii) Pushpalata, **Seksena, S. B. L.**, “Analysis of Inherent Latency in Processing Graph Method [PGM] for Real Time Signal Processing.” **IE (I) Journal – ET, 2011.**



- (iv) **Kumar, N.**, Reddy, Y. R. V., Das, D., Padhy, N.P., “ Existing Transmission Charging Practices in India : Discouraging for Power Market.” IEEE Power System Conference & Exposition, Phoenix, Arizons (USA), March 20 – 23, 2011.
  - (v) **Sinha, U.K.**, Sharma, S. P., **Seksena, S.B.L.**, “Performance Prediction of Salt Gradient Solar Pond with Heat Extraction Scheme.” Journal of Arise, ISSN 1994 – 3253, 2010- 02 -02 REEF.
  - (vi) **Sinha, U. K.**, Sharma, S. P., **Seksena, S.B.L.**, “Simulation of Salt Diffusion and Heat Extraction in a Salt Gradient solar Pond.” **Golden Jubilee National Conference on MSHTFF, July 09 -10-2010, NIT JSR, India.**
  - (vii) **Sinha, U. K.**, Sharma, S. P., **Seksena, S.B.L.**, “Modeling of Solar Thermal Power Plant with Parabolic Trough solar Concentrator.”**Golden Jubilee National Conference on MSHTFF, July 09 -10-2010, NIT JSR, India.**
8. Workshop/ Seminar/ Short Term Course attended : Nil
9. Laurel and Distinction: Nil

## DEPARTMENT OF MATHEMATICS &amp; HUMANITIES

1. Name of the Head : **Professor Yamuna Prasad Yadav**
2. Faculty Position

**(A) Mathematics**

| Sl. No. | Name of the faculty | Designation         | Highest Qualification        | Area of Specialization |
|---------|---------------------|---------------------|------------------------------|------------------------|
| 1       | Dr. S. Jha          | Assistant Professor | Ph.D.                        | Approximation Theory   |
| 2       | Dr. T. Mandal       | Assistant Professor | Ph.D.                        | Operations Research    |
| 3       | Dr. R. Singh        | Assistant Professor | Ph.D.                        | Special Functions      |
| 4       | Mr. H.S. Prasad     | Assistant Professor | M.Sc.<br>(on lien for Ph.D.) | Stability Theory       |

**(B) Humanities**

| Sl. No. | Name of the faculty | Designation         | Highest Qualification                       | Area of Specialization                   |
|---------|---------------------|---------------------|---------------------------------------------|------------------------------------------|
| 1       | Dr. R. Bhushan      | Assistant Professor | Ph.D.                                       | American Literature and Linguistics      |
| 2       | Mrs. M. Kapoor      | Assistant Professor | M.A., M. Phil<br>Pursuing PhD at<br>IIT KGP | Feminist Narratology and Woken's Fiction |

3. Laboratories : Nil

- (a) Dr. T. Mandal as a Coordinator, Computer Centre has Renovated of Network of Internet facility to the students in all hostels with separate connection having different Network Switches from Server Room, CC to Hostels for better and smooth functioning.
- (b) Dr. T. Mandal as a Coordinator, Computer Centre has taken all the care of the Maintenance work of the laboratory/Institute (LAN) has been looked after regularly and necessary steps have been taken up whenever required.

4. New Acquisitions : Nil

5. Research Facilities :

- (a) Dr. T. Mandal has actively engaged in current research work in the field of optimization. In this field both industrial and business application problems are being tackled. We plan to carry out further research in Fractional Programming Problems which are designed to solve many decision making problems involving ratio's of two different objectives, e.g. time and cost. Fractional Programming Problems gains significant stature since many of real world problems are often in counter in the following situations : return on investment, current ratio risk asset to capital, actual capital to require capital, Foreign loans to total loans, residential mortgages to total mortgages in the field of finance or corporate planning etc.
- (b) Dr. T. Mandal actively engaged in current research work in the field of Sequential and Sampling Plans and also sampling attribute Sampling Plans.

6. a) Research paper published in Journals/conferences by the faculty members of the Mathematics

**Dr. T. Mandal**

- i) T. Mandal entitled "Modeling and Simulation in Heat Transfer and Fluid Flow" from July 09-10, 2010, at N.I.T. Jamshedpur.
- ii) T. Mandal entitled "Application of Genetic Algorithms for Solving Multilevel Fractional Programming Problems", Int. Conf. on ORSI-2010-ORURD Madurai, India, 15-17, 2010 Conducted by ORSI-2010.
- b) Research paper published in Journals/conferences by the faculty members of the Humanities

**Mrs. M . Kapoor**

- a) "The yatra that never ends :Nina sibal and Feminist Narratology" Published in Literati Vol. Ix (Winter 2010 and Summer 2011)

8. a) Workshop/seminar/short term course attended by the faculty members of the Mathematics :

**Dr. T. Mandal**

- i) T. Mandal attended NMEICT East Zone Conference on 11-02-2011 at Kolkata.
- b) Workshop/seminar/short term course attended by the faculty members of the Humanities .

**Mrs.M . Kapoor**

- i) Presented a paper entitled "Quest for selfhood in Anita Nair" at an international Seminar on theory at work: Text, History and Culture at Banaras Hindu University During Nov.9-12,2010
- ii) Presented a paper on "Shamma Singh Baldeoia and Feminist Narratology" at the Research Scholars' day of the Department of Humanities and social Sciences at IIT, Kharagpur on 2<sup>nd</sup> Feb.2011.

**DEPARTMENT OF MECHANICAL ENGINEERING**

1. Full name of the Head of Department : Professor Ram Vinoy Sharma

2. Particulars of faculty members :

| Sl. No. | Name & Designation                           | Highest Qualification/University    | Specialization                                            |
|---------|----------------------------------------------|-------------------------------------|-----------------------------------------------------------|
| 1.      | Prof. B. N. Prasad<br>Professor              | Ph.D<br>(Roorkee University)        | Heat Transfer, Fluid Flow & Solar Energy.                 |
| 2.      | Prof. J. N. Yadav<br>Professor               | Ph.D<br>(Roorkee University)        | Mechanism & Machine Theory                                |
| 3.      | Prof. S. Sharan<br>Professor                 | M. E.<br>(Allahabad University)     | Machine Design                                            |
| 4.      | Prof. R. V. Sharma<br>Prof. & Head           | Ph. D<br>(I.I.T., Kharagpur)        | Heat Transfer, CFD & Energy Studies.                      |
| 5.      | Prof. S. Kumar<br>Professor                  | Ph. D<br>(Roorkee University)       | Heat Transfer (Boiling)<br>Tribology                      |
| 6.      | Dr. R. K. Prasad<br>Associate Professor      | Ph. D<br>(Roorkee University)       | Fluid Mechanics & Solar Energy                            |
| 7.      | Dr. M. K. Paswan<br>Associate Professor      | Ph. D<br>(Ranchi University)        | Solar Energy & Machine Design                             |
| 8.      | Dr. Sanjay<br>Associate Professor            | Ph. D<br>(UP Technical Uni.)        | Combined Cycle Power Plants,<br>Energy Conversion System. |
| 9.      | Dr. S. P. Sharma<br>Associate Professor      | Ph. D<br>(Roorkee University)       | Thermal Engg. & Solar Energy                              |
| 10.     | Dr. S. K. Singh<br>Associate Professor       | Ph. D.<br>(Roorkee University)      | Thermal Engg. & Heat Transfer                             |
| 11.     | Dr. H. N. Singh<br>Associate Professor       | Ph. D<br>(Roorkee University)       | Thermal Engg. & Heat Transfer                             |
| 12.     | Dr. Laljee Prasad<br>Assistant Professor     | Ph. D<br>(Roorkee University)       | Heat Transfer                                             |
| 13.     | Sri Malay Niraj<br>Assistant Professor       | M.Sc. Engg.<br>(Ranchi University)  | Production Management                                     |
| 14.     | Dr. Naresh Prasad<br>Assistant Professor     | Ph. D<br>(N.I.T., Rourkela)         | Composite Materials & Tribology                           |
| 15.     | Dr. Mrs. P. Chand<br>Assistant Professor     | Ph. D<br>(Ranchi University)        | Thermal Engg., Aerodynamics & Solar Energy                |
| 16.     | Dr. P. Kumar<br>Assistant Professor          | Ph. D.<br>(IIT, Rorkee)             | Thermal Engg., Reigration & Air Conditioning.             |
| 17.     | Dr. K. D. P. Singh<br>Assistant Professor    | Ph. D<br>(Ranchi University)        | Thermal Engg., & Solar Energy                             |
| 18.     | Dr. M. K. Sinha<br>Assistant Professor       | Ph. D.<br>(IIT, Kharagpur)          | Thermal Engg., & CFD                                      |
| 19.     | Sri Anil Kumar Prasad<br>Assistant Professor | M. Sc. Engg.<br>(Ranchi University) | Production Management & Energy Conservation.              |

**3. Name of Existing Laboratories :**

- (i) Automobile Engg. Laboratory
- (ii) Applied Thermodynamics Laboratory
- (iii) I. C. Engine Laboratory
- (iv) Heat Transfer Laboratory
- (v) Refrigeration and Air Conditioning Laboratory
- (vi) Thermodynamics Model Laboratory
- (vii) Solar Energy Laboratory
- (viii) CAD/CAM/CFD Laboratory
- (ix) Metrology Laboratory
- (x) Mechanism and Vibration Laboratory
- (xi) Fluid Mechanics & Fluid Machinery Laboratory
- (xii) Strength of Materials Laboratory
- (xiii) Gas Dynamics Laboratory

**4. Research Facilities :**

The department has research facilities in the areas of Solar Energy, Gas Turbine, Combined Power Cycle, Heat Transfer, CFD and Mechanism and Machine theory.

5. (i) R. K. Prasad and J. S. Saini "Thermal Performance Study of Unidirectional Flow Porous Bed Solar Air Heater" In the proceedings of National Conference on Modeling Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (ii) S. Saha and R. V. Sharma, "Natural Convection in a Gas Filled Vertical cylindrical Porous Annuli with Property variation" — In the proceedings of National Conference on Modeling and Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (iii) U. K. Sinha, S. P. Sharma and S. B. L. Seksena "Modeling of Solar Thermal Power Plant with Parabolic Through Solar Concentrator" In the proceedings of National Conference on Modeling and simulation in Heat Trasfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (iv) U. K. Sinha, S. P. Sharma and S. B. L. Seksena, "Simulation of Salt Diffusion and Heat Extraction in a Salt Grading Solar Panel" In the proceedings of National Conference on Modeling and simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (v) Laljee Prasad, A. K. Mahapatra and Md. Ali Zahid "Enhanced Boiling of Metronal on Mild Steel Copper Coated Heating Tube Surface", In the proceedings of National Conference on Modeling and Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (vi) K. D. P. Singh and S. P. Sharma, "Thermal Performance Analysis of V-Snapped Roughened Solar Air Heater" In the proceedings of National Conference on Modeling and Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (vii) M. K. Paswan, Samir Das and S. P. Sharma, " Enhancement of Thermal Performance of Solar Air Heater using Artificial Roughness" In the proceedings of National Conference of Modeling and simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
- (viii) Asgar Mahfuz Alam, M. K. Sinha and R. V. Sharma, "Numerical analysis of Natural Convection in spherical porous Annali", In the proceedings of National Conference on Modeling and simulation in Heat Transfer and Fluid Flow, July 09-10, 2010 NIT, Jamshedpur.
6. National Conference on Modeling and Simulation in Heat Transfer and Fluid Flow (MSHTFF) was organized in the Department of Mechanical Engineering, NIT, Jamshedpur during July 9-10, 2012.



**METALLURGICAL AND MATERIALS ENGINEERING**

Name of Head : Dr S. N. Sinha

| Faculty Member, their highest qualification Name, Degree, Univ / Instt., | Rank                   | Specializations                                                |
|--------------------------------------------------------------------------|------------------------|----------------------------------------------------------------|
| Dr S.N.Sinha, Ph.D., IIT, Bom                                            | Prof. & Head           | Process Met. Of Iron & Steel, including Ladle Met/Foundry Tech |
| Dr R.J.singh, Ph.D., R.U.                                                | Prof                   | Steel Tech., Alloy Steel ,Corrosion Engg.                      |
| Dr M.K.Agrawal, Ph.D., B.H.U.                                            | Asst. Professor        | Process Met(Steel), Transport Phenomena, Pneumatic process.    |
| Dr R.P.Singh, Ph.D., IIT,KGP,                                            | Asst. Professor        | Ferrous Process Metallurgy                                     |
| Sri H. K. Prasad, M.Tech., NIT, JSR                                      | Asst. Professor        | Foundry Tech.                                                  |
| Dr S.K.Sahay, Ph.D. (U.K), Cambridge,                                    | Asst. Professor        | Physical Metallurgy, Phase Transformation                      |
| Sri C.S.Choudhary, M.Tech., NIT,JSR                                      | Lecturer               | Ext. Met. Of Iron & Steel                                      |
| Sri Ashok Kumar, M. Tech., NIT,RKL                                       | Lecturer               | Ferrous & Process Met.                                         |
| Sri B.K.Singh, M.Tech., NIT,JSR                                          | Lecturer               | Foundry Tech.                                                  |
| Dr. Ranjit Prasad, Ph.D., R.U.                                           | Lecturer               | Engg.Geology, Mineral Beneficiation,                           |
| Sri Anshul Gupta                                                         | Lecturer (On Contract) | Material Science Mechanical Metallurgy                         |
| Ms Supriya                                                               | Lecturer (On Contract) | Material Science, Heat Treatment                               |

**Research and Development activities: brief description of activities including a proposed plan of research under sub-heading in this category :**

It is proposed to submit the projects to AICTE, MHRD, CSIR, UGC, DST & Defence organizations to carry out the research in the emerging area of: Environment Management & Waste Utilisation, Energy conservation, Developments of new materials, Materials characterizations & HNDT. Examine the effect of thermo-physical properties of additives on their dissolution in steelmaking baths, Iron Ore Fines, Iron & chromimum ore beneficiation.,.

**Thrust Area:** Waste Management, Energy Conservation & Characterization of Raw Materials,

**Laboratory & Research facilities :** Atomic Absorption, High Temp. Melting furnaces, Electric Arc furnace (Direct & Indirect), S.E.M., X-ray Diffract meter, Differential Dilatometer, 50 Kg Forging Hammer, Shell moulding apparatus, Die Casting machine & Sand Testing equipment.Mineral beneficiation lab

**New acquisitions :** Composite materials and Mineral Processing.

**Names of laboratory :** Physics of Metals, Thermodynamics & Kinetics, Mineral Beneficiation, Met. Lab-I, Iron making, Met Analysis, FRF, Physical Metallurgy, Foundry Technology, Process Met Lab-II, Electro-Hydro, Heat Treatment, Workshop & Geology.

**Ph.D. degree awarded:**
**Continuing education program:**
**Sponsored research project:**

- (i) Dr S.N.Sinha, Chief Coordinator of MHRD project titled “Advance Metal Melting Facility Centre”, Rs. 5.00 Lakh.
- (ii) Dr S.N.Sinha, Chief Coordinator of MHRD project titled “Creation of Advanced Center for Holographic Non-Destructive Testing and stress/strain. Analysis. Rs. 7.5 Lakh.
- (iii) Dr R.J.Singh, Chief Co-ordinator of AICTE project “ Entrepreneurship & Management Development”
- (iv) Dr Ranjit Prasad, Chief Coordinator of MHRD project titled “Modernization of Geology Lab for project & training facility at UG/PG level.”
- (v) Dr. S.N.Sinha, Principal Investigator and Co-Investigator Dr. S.Ranganathan & Dr. Ranjit Prasad of DST project title “Investigations on the thermo-chemistry of the interaction of chromite spinels and silica under different conditions “. Rs 1505449/

**Testing and consultancy:**
**Publication in refereed journals:**

1. Trubulent Lubrication Models For Fluid Film Bearing Design - A Review , Anjani Kumar and Dr. M.K. Agrawal, An International journal of Manufacturing Technology and Research Vol – 6, No. 1, Page - 13 -18 , January-June 2010.
2. Mini Blast Furnace – An Attractive Process of Iron Making, M.M.Mahato M. K. Agrawal and S. N. Sinha, Industry of Kazakhstan – Scientific and Technical Journal , No. -3(60), page – 26- 28, June 2010.
3. Production of Low Sulphur SG Grade Pig Iron by Optimizing Slag Chemistry in Mini Blast Furnace M.M.MahatoM.K.Agrawal and S.N. Sinha, Steel world , Vol- 17, No.03, Pp. 42- 48, March 2011

**Full length papers published in refereed conference proceedings**

|   |                                                                                                                                                                                                                             |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Ranjit Prasad, Meenu Verma, Kirti Kumari & K.K.Prasad “Microbial co-operation in biomining of uranium A review”, NMD 2010, IISc Bangalore,                                                                                  |
| 2 | Ranjit Prasad, Swati Shallika, Sazya Firdouse & Poonam kumara, “Isolation and characterization of microbial community and its function in heavy metal contaminated soil using molecular methods”, NMD 2010, IISc Bangalore, |
| 3 | Ranjit Prasad, Swati Shallika & Sazya Firdouse, “Genetic engineering strategies for improvisation phytoextraction of heavy metals”, NMD 2010, IISc Bangalore,                                                               |
| 4 | Ranjit Prasad and Akhilesh chaudhary, “Beneficiation of low grade Iron Ore A Review” NMD 2010, IISc Bangalore,                                                                                                              |
| 5 | Phase transformation of Friable Chromite Ore During Heating In The Inert atmosphere” MPT 2010, NML Jamshedpur,                                                                                                              |
| 6 | Ranjit Prasad, Meenu Verma & kriti Kumari, 2010, Phytoavailability and phyto mining of uranium” MPT 2010, NML Jamshedpur,                                                                                                   |
| 7 | Ranjit Prasad & Swati Shalika, 2010, “Molecular approach for phytoremediation and phytomining of metal-contaminated sites”, MPT 2010, NML Jamshedpur,                                                                       |

**Other papers presented as seminar/conference/workshop:**

1. Dr R.J.Singh, Structural Changes during Galvanizing Process NMD- 2010 Bangalore.

**Seminar/Short term course organized: TECHNICA-2010****Laurels and distinctions:**

1. Dr. R.J.Singh Reviewer for “TATA RESEARCH” published by TATA STEEL – 2010
2. Dr M.K.Agrawal, Director, Board of Directors, Adityapur Auto Cluster ( Under the aegis of Ministry of Commerce & Industry, Govt. of India ), Adityapur, Jamshedpur nominated by Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Govt. of India from May 2010.
3. Dr M.K.Agrawal , Reviewer for “TATA RESEARCH” published by TATA STEEL – 2010
4. Dr M.K.Agrawal , Reviewer for the PRP project on “ Non ferrous Extractive Metallurgy” of NIT, Warangal (2010)

**Industry Institute Interaction:** Department has collaboration with TATA STEEL, NML Jamshedpur, Usha Martin, Jamshedpur and other industries for M. Tech. Projects and Ph.D. projects. Also students are provided vocational training facilities by various industries of the country. The future plan of the department is to increase this interaction to a significant level so that new courses / refreshers courses can be run on the basis of industries need.

**Innovation Technology Transfer:** It is proposed to increase collaborations/interaction with small/medium scale industries, CII etc. so that institute can know their problems and requirements. On the basis of this, attempts will be made to develop the technology and transfer them to the industries.

## DEPARTMENT OF PHYSICS

1. **Name of the Head** : Professor Yamuna Prasad Yadav

2. **Faculty Position** :

| Sl. No. | Name of Faculty           | Designation | Highest Qualification | Area of Specialization      |
|---------|---------------------------|-------------|-----------------------|-----------------------------|
| 1       | Mr. Ajay Kumar Singh      | Asstt. Prof | M.Sc.                 | Radio Physics & electronics |
| 2       | Mr. Bibekananda Kundu     | Asstt. Prof | M.Sc.                 | Material Science            |
| 3       | Dr. Hiralal Yadav         | Asstt. Prof | Ph.D                  | Holography                  |
| 4       | Mr. Rajeev Ranjan         | Asstt. Prof | M.Sc.                 | X-ray & Crystallography     |
| 5       | Dr. Ujjwal Laha           | Assoc. Prof | Ph.D                  | Few- particle Dynamics      |
| 6       | Prof. Yamuna Prasad Yadav | Professor   | Ph.D                  | Solar energy                |

3. **Name of Laboratories** : (i) UG Lab. [General]  
(ii) UG Lab. [Modernized]  
(iii) Microwave Lab.  
(iv) Photonics Lab.

4. **New Acquisitions** : Nil

5. **Research facilities:** Research area includes Nuclear scattering, Holography and Solar Energy.

6. **Ph. D. supervised** by Y. P. Yadav

“Development of Heat and Mass Transfer Coefficients/Correlations for High Performance Solar Distillation System”, Research Scholar: Manoj Kumar Gaur, March 28, 2011.

7. **Laurel & Distinction** :

Book by Dr. U. Laha “*Coulomb modified nuclear scattering – off the energy shell*” LAMBERT Academic Publishing, Germany ,Dec.2010

H. L. Yadav, has been on the University's panel of experts for evaluation of Ph.D. thesis.

Y. P. Yadav is reviewer of Journals Solar Energy, Applied Energy and Desalination of the Elsevier.

**PRODUCTION & INDUSTRIAL ENGINEERING DEPARTMENT**

1. **Name of the Head** : Dr. A. M. Tigga

2. **Faculty Position** :

| <b>Name</b>                | <b>Designation</b>  | <b>Highest Qualification</b> | <b>University/Institute</b> | <b>Specialization</b>                                 |
|----------------------------|---------------------|------------------------------|-----------------------------|-------------------------------------------------------|
| Dr. U. C. Roy<br>(On lien) | Professor           | Ph. D                        | IIT, Kharagpur              | Industrial Engg. & Prod., Mgt.                        |
| Dr. A. M. Tigga            | Associate Professor | Ph.D                         | Ranchi University           | Non-conventional machining, CAD/CAM & Industrial Mgt. |
| Mr. A. K. Jha              | Associate Professor | M. Tech.                     | IIT, Kharagpur              | Prod. Sc. & Technology                                |
| Dr. D. Patel               | Assistant Professor | Ph. D                        | Ranchi University           | Production & Industrial Mgt., CAD/CAM                 |
| Mr. S. N. Prasad           | Assistant Professor | M.Sc. Engg.                  | Ranchi University           | Machine Design                                        |
| Dr. Raj Ballav             | Assistant Professor | Ph. D                        | Ranchi University           | Production Engg. CAD/CAM                              |
| Dr. Amaresh Kumar          | Assistant Professor | Ph. D                        | Jadavpur University         | CAD/CAM                                               |
| Dr. S. B. Prasad           | Assistant Professor | Ph.D                         | IIT, Roorkee                | Solar Energy                                          |

3. **Name of Laboratories and Research facilities :**

- CAD/CAM Lab.
- Advance Welding Lab.
- Advance Foundry Lab.
- Metal Cutting & Forming Lab.
- Industrial Engg. AND Ergonomics Lab. (Under development)
- Non - Traditional Manufacturing Lab. (Under development)
- Advance Manufacturing Lab. (Under development)

4. **New Acquisitions** : Nil

5. **Research & Development** : Nil

6. **Consultancy & Testing** : Nil

7. **Research Paper published in Journals / Conferences :**

- Dr. A. M. Tigga : Nil
- Dr. D. Patel : Nil
- Dr. Raj Ballav : Nil
- Sri S. N. Prasad : Nil
- Dr. Amaresh Kumar : Nil

7. a) **Laurel & Distinction:** Dr. S.B. Prasad is a reviewer of Journals: (i) Solar Energy, and (ii) Indian Journal of Science and Technology

7. **Workshop / Seminar / Short Term Course attended** : Nil



## DEPARTMENT OF CHEMISTRY

1. Name of the Head : Prof. Y. P. Yadav

2. Faculty Position :

| Sl. No. | Name of the Faculty    | Designation         | Highest Qualification | Area of Specification                  |
|---------|------------------------|---------------------|-----------------------|----------------------------------------|
| 1       | Dr. M. K. Banerjee     | Professor           | Ph.D                  | Surface Chemistry & Corrosion          |
| 2       | Dr. Anand K. Chowdhury | Assistant Professor | Ph.D                  | Physical Chemistry & Surface Chemistry |
| 3       | Dr. Shailesh Kr Prasad | Assistant Professor | Ph.D                  | Organic Chemistry & Radio Chemistry    |

**NOTE:** Prof. M. K. Banerjee has been retired from the Dept. on June 2011.

3. Laboratories: B.Tech. & M.Tech. (Corrosion) Laboratories

4. Research Facilities: Available for Corrosion Studies, Thermodynamic Studies.

## ELECTRONICS AND COMMUNICATION ENGINEERING

01. Name of the Head : Dr. Arvind Choubey

02. A. Faculty Position (Regular)

| Sl. No. | Name and Designation of faculty member | Designation         | Highest Qualification | Area of Specialization                                                                                                              |
|---------|----------------------------------------|---------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Dr. A. Choubey                         | Professor           | Ph.D.                 | Power Electronics and soft Computing and Digital Signal Processing                                                                  |
| 2       | Dr. S.N. Singh                         | Professor           | Ph.D.                 | Power Electronics, Image Processing, VLSI and Embeeded systems                                                                      |
| 3       | Mr. A. Kumar                           | Associate Professor | M.Sc (Engg.),         | Analog and Digital Electronics, Digital Communication                                                                               |
| 4       | Dr. Shyam Sundar Prasad                | Assistant Professor | Ph.D. (Engg.)         | Direct Digital Synthesis and applications, Multiuser Detection for Mobile Communication, Digital, Analog Electronics Microprocessor |
| 5       | Mr. A. Prakash                         | Assistant Professor | M.Sc.(Engg),          | A/D Signal Processing, VLSI Engg., Communication N/W                                                                                |
| 6       | Mr. B.S. Munda                         | Assistant Professor | M.Sc (Engg)           | Basic/Advanced Electronics and Power electronics                                                                                    |
| 7       | Mr. D. Kumar                           | Assistant Professor | M.Sc. (Engg.)         | Communication, Analog Electronics and Power Electronics.                                                                            |
| 8       | Mrs. R. Sinha                          | Assistant Professor | M.SC. (Engg,)         | Power Electronics, Digital and analog Electronics                                                                                   |
| 9       | Mr. J. Kumar                           | Assistant Professor | M.Sc. (Engg )         | Digital Electronics, Micro-processor and Embeeded System.                                                                           |

02. B. Faculty Position (Contract)

| Sl. No. | Name and Designation of faculty member | Designation         | Highest Qualification | Area of Specialization              |
|---------|----------------------------------------|---------------------|-----------------------|-------------------------------------|
| 1.      | Prof. Jyoti Athiya                     | Assistant Professor | M. Tech               | Microelectronics and VLSI Design    |
| 2.      | Mr. Hareram Jha                        | Lecturer            | B.Sc. (Engg.)         | Electronics and Communication Engg. |
| 3.      | Ms. Chanchala Kumari                   | Lecturer            | B.Tech                | Electronics and Communication Engg. |

### 03. Laboratories and Research Facilities

The department comprises of highly qualified, dedicated and experienced faculty. The department has the following eight (08) well equipped laboratories, 1 (one) VLSI Centre facilities :

- Basic Electronics Lab
- Digital Signal Processing and Optical Fibre Communication
- Analog and Digital omunication Lab
- Microprocessor and Micro controller Lab
- Computer Communication & Networking Lab
- Analog and Digital Electronics Lab
- Instrumentation and Control System Lab
- Power Electronics & Industrial Electronics Lab

These Laboratories are equipped with following Facilities

| Laboratory and Year/<br>semester in which used | Major facilities / equipment available                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic Electronics Laboratory                   | Oscilloscopes, IC Testers, Digital Oscilloscope, Active Device Analog and Digital circuits Trainer Kits, Pulse Generators, Function Generators, Power supply, LCR Meter etc.                                                                                                                                                                                                                                      |
| DSP, Analog & Digital Communication            | TMS320C2711 based DSP Trainer kits, VAB DSP 7611 DSK Software, Code Composer Studio, MATLAB DSP Tools etc., PCs with software and kits, CROs, Function Generators, Analog Communication Trainer Kits, Digital Communication Trainer Kits, Multi Sim, Or CAD, Com Sim, 4 Channel Digital Oscilloscopes, Fibre Optic Trainer Kits etc.                                                                              |
| Analog & Digital Electronics, 3rd & 4th Sem    | Oscilloscopes, IC Testers, Digital Oscilloscope, Digital Trainer Kits, Pulse Generators, Function Generators, Analog Trainer Kits, Digital LCR Meter etc.                                                                                                                                                                                                                                                         |
| Microprocessor & Computer Communication        | 8/16/32/64-bit Microprocessor and Microcontroller kit viz. 8085, 8086, 8031/51, 6800, 68000, 80286, 80386, Assemblers, TMS320C25/C50 based DSP Trainer Kit, Various Interfacing Modules for the Microprocessor Kits, PC Trainer Kit, PLC Trainer, Robot Arm, Digital Oscilloscope, ISDN Trainer, LAN Trainer Kit, Pentium IV PCs (30 Clients), Server, UPS System, Software: Pspice, TinaPro, µwind, NetSim, etc. |
| Instrumentation                                | Sensors (Electrical & Non-Electrical), PC based Instrumentation Tutor Board, Data Acquisition Interfacing Modules with software, Digitizing Oscilloscope, PC based Instrumentation Process Controller Unit, Hand held Digital Storage Oscilloscope etc.                                                                                                                                                           |
| Power and Industrial Electronics               | Industrial Electronic Trainer Kits, Power Supply, Digital Oscilloscope etc.                                                                                                                                                                                                                                                                                                                                       |
| Electronics Workshop                           | PCB Design Drafting Tools, Instrumentation Lathe Machine, Hand Tools, Wave Soldering Station etc.                                                                                                                                                                                                                                                                                                                 |
| VLSI Centre                                    | High end PC, Cadence, FPGA Kits, Xilling ,Magma, Synopsis, etc.                                                                                                                                                                                                                                                                                                                                                   |

**04 Research & Development**

The Department has B.Tech (Hons.) course in Electronics and Communication Engineering, M.Tech course in VLSI and Embedded system, along with Ph.D. course in Electronics and Communication Engineering. Student and research scholar along with faculties of department are doing work in the area of cutting edge technology like:

- Mobile Communication
- Digital Signal Processing and applications
- Soft Computing
- Non-conventional Energy
- Communication System
- Electronics Devices and Systems
- VLSI & Embedded systems

**05 RESEARCH PAPER PUBLISHED IN JOURNAL / CONFERENCE**

1. Mahesh and S.N. Singh, " Fuzzy logic control implementation in a PVC extruder for Temperature Control in a Cable Manufacturing Industry ", IJST, Vol 3, No 3, July 2010.
2. S.N. Singh and A.K. Singh, 'Simulation of grid assisted Solar Power Converter : An effective Solution for Power Crisis in Rural India', Asian journal on Energy and Environment, 11(02) 2010 , pp 96-102.
3. Richa Sinha and S.N. Singh, 'A utility interfaced solar powered VLSI Embedded Intelligent Road Traffic Control system, Int Journal of Recent trend in Engineering and Technology (IJRET), Vol 4, No 4, Nov 2010.
4. S.N. Singh and Nisha, 'Solar Enegy Alternative and Utility Interfaced PWM Power Converter for Agriculture' , Int journal of Electrical system (IJES) , June 2011 ,Vol 1, No 1, pp 8-13.
5. Dr.S.S.Prasad, R.Baruah and Siddhartha, "Convergence Performance of SINR and SIR Utilities for a Distributed Resource Allocation Game", in the International Journal of Wireless & Mobile Network (IJWMN) Vol.3, No.3, pp.29-40, June 2011, ISSN 0975-4679.
6. Dr.S.S.Prasad, R.Baruah and Siddhartha, "Performance Comparison of QoS Metrics for a Distributed Pricing Scheme", in the International Journal of Adhoc, Sensor & Ubiquitous Computing (IJASUC) Vol.2, No.2, pp.64-76, June 2011, ISSN 0976-2205.
7. Dr.S.S.Prasad, R.Baruah and Siddhartha, "A Novel Scheme for Deviation Detection in Asynchronous Distributed Pricing" in the International Journal of Network Security and its Application (IJNSA) Vol.3, Number 4, pp.75-85, July 2011, ISSN 0975-2307.

## LIBRARY

This Library came into existence as an important component of and along with the Non Plan Establishment of the Institute in 1960. It continued to provide the following categories of services to its users : Students, Teachers, Researchers and other Staff members.

- a. Routine transaction (lending and retrieval) of books.
  - b. Providing Reference materials
  - c. Reprographic Services.
  - d. Reading room services
1. **Space :** The three storied Library premises is situated apart to the Administrative Block of the Institute. It spans a total floor space of about 32, 184 sft, consisting of a separate Reading Hall, Periodical Section, a Processing Section, Stack Room, Book Banks, as briefly described below :
  2. **Reading Room :** It is situated in the ground floor. It stores Encyclopedias, Dictionaries, Hand Books, News Papers, Popular Magazines, Journals and Reference Book for on-the-spot use of the library users.
  3. **Stack Room :** It is situated in the first floor of the Library having open access to the users to select books of their choice and get them issued.
  4. **Book Bank :** There are two Book Banks in the Library :
    - a) One of them is meant for the students belonging to Scheduled cast (SC) and Scheduled Tribe (ST). It was established under a scheme sanctioned by the Government of Bihar (Welfare Department). Under this Scheme the Welfare Department, earlier Bihar Government but now Jharkhand Government, through their District Welfare Officer, supplies Books & Almirahs. As many as 15 (fifteen) books are issued for one academic session to a SC/ST student from such a Book Bank.
    - b) The other Book Bank is TEQIP Book Bank, used by both SC/ST students and general students. TEQIP Book Bank is governed & funded by World Bank Aid. Two Books are issued from this Book Bank for one academic session to a student.
  5. **Acquisition and Processing Unit :** This is situated on the first floor of the Library. New arrivals of Books are processed. (Accessioning, Cataloguing and Classification) are done here before they are stocked in the Stack Room.
  6. **New arrivals of Books during 2005-2006,** books of 239 different titles in TEQIP Book Bank were purchased during this year, comprising of 605 number of Books.
  7. **Collection :** Total number of Books in the library including bound volumes of Books as on 31/03/2006 was as given below :
 

|                      |                             |                          |
|----------------------|-----------------------------|--------------------------|
| a) Stack Room 55,146 | b) Book Bank (SC/ST) 41,082 | c) TEQIP Book Bank 6,856 |
|----------------------|-----------------------------|--------------------------|
  8. **Working hours :** The Library has open access system to its users. It operates in two shifts from Monday through Saturday.
 

|                           |                            |
|---------------------------|----------------------------|
| a) 8.00 A.M. to 3.00 A.M. | b) 3.00 P.M. to 10.00 P.M. |
|---------------------------|----------------------------|
  9. **Other facilities :** The Library subscribes to a sizeable number of technical, scientific and general periodicals & newspapers for the students and faculty members of this Institute. The Library System is ready to shift from manual to automated system, which include circulation, serial and online public access catalogue (OPAC) searching. Data entry work of the books is in progress & is likely to be completed within two months and thereafter linking of Circulation Deptt. i.e. (issue & return of books, books position and up to date information regarding any book) to Reading Room and places to users friendly have to be done in the library. In addition to this we have online services through INDEST CONSORTIUM on the subjects for the following :
 

|                      |                      |         |
|----------------------|----------------------|---------|
| a) IEEE (IEL ONLINE) | b) ASCE              | c) ASME |
| d) Springer Verlag   | e) SCIENCE - DIRECT. |         |



**COMPUTER CENTRE**

Annual Report for July 2010 to June 2011

1. Name of the Centre : **COMPUTER CENTRE**
2. Faculty Position :
  - i) Dr. T. Mandal  
Coordinator, Computer Centre
  - ii) Dr. D.A. Khan  
Co-coordinator, Computer Centre
3. Name of laboratories and Research Facilities :
  - i) Internet Lab.
  - ii) Software Engg. Lab.
  - iii) Computational Lab.
  - iv) Server Roomv) M.I.S. Server Room
4. Research and Development : Nil
5. New acquisitions : 1 Gbps Connectivity through NME-ICT/NKN with 100 Mbsp (Downlink) & 50 Mbps (Uplink) Internet Facility
6. Consultancy and Testing : Nil
7. Research Publications in Referred Journals. : Nil
8. Papers presented in seminar/conference/ workshop/ published in proceedings : Recorded in Mathematics Dept.
9. Laurels and Distinction : Nil

## LIST OF FACULTY AS ON 31.03.2010

| Sl. No.                                  | Name of the Faculty                          | Designation         | Pay Scale Slab        | Educational Qualification | Date of Retirement |
|------------------------------------------|----------------------------------------------|---------------------|-----------------------|---------------------------|--------------------|
| <b>CIVIL ENGINEERING DEPARTMENT</b>      |                                              |                     |                       |                           |                    |
| 1.                                       | Dr. M. M. Prasad                             | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.07.2018         |
| 2.                                       | Dr. A. K. Khan                               | Professor           | 37,400-67000 + 10,000 | Ph. D.                    | 30.04.2019         |
| 3.                                       | Dr. A. K. L. Srivastava                      | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.06.2026         |
| 4.                                       | Sri R. P. Singh                              | Assistant Professor | 37,400-67000 +9,000   | M.E.                      | 31.05.2026         |
| 5.                                       | Dr. A. K. Singh                              | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.10.2029         |
| 6.                                       | Dr. A. K. Choudhary                          | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 30.01.2033         |
| 7.                                       | Dr. B. K. Prasad                             | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.10.2028         |
| 8.                                       | Dr. Sanjay Kumar                             | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.03.2033         |
| 9.                                       | Dr. Shailendra Kumar                         | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 30.06.2026         |
| 10.                                      | Dr. A. K. Sinha                              | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 30.04.2032         |
| 11.                                      | Sri Virendra Kumar                           | Assistant Professor | 15,600-39,600 + 6,000 | M.E.                      | 31.01.2034         |
| 12.                                      | Sri S. K. Paswan                             | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.12.2032         |
| 13.                                      | Sri Nigam Prakash                            | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.01.2027         |
| 14.                                      | Sri S. R. Pandey                             | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg.              | 31.01.2029         |
| 15.                                      | Dr. Prahlad Prasad                           | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 30.09.2028         |
| 16.                                      | Sri Ashok Kumar                              | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg.              | 31.05.2037         |
| <b>ELECTRICAL ENGINEERING DEPARTMENT</b> |                                              |                     |                       |                           |                    |
| 17.                                      | Dr. S. B. L. Saxena                          | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 30.04.2016         |
| 18.                                      | Dr. A. K. Singh                              | Professor           | 37,400-67000 +10,000  | Ph. D.                    | 31.08.2021         |
| 19.                                      | Dr. A. N. Thakur                             | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.01.2019         |
| 20.                                      | Sri S. K. Gupta                              | Associate Professor | 37,400-67000 + 9,000  | M.E.                      | 31.12.2028         |
| 21.                                      | Dr. A. B. Chattopadhyay<br>(Applied for VRS) | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.08.2022         |
| 22.                                      | Sri U. N. Singh                              | Associate Professor | 37,400-67000 + 9,000  | M.E.                      | 30.04.2011         |
| 23.                                      | Dr. Niranjana Kumar                          | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.12.2028         |
| 24.                                      | Dr. R. N. Mohanty                            | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.07.2027         |
| 25.                                      | Dr. A. K. Akela,                             | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.12.2023         |
| 26.                                      | Dr. U. K. Sinha                              | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 30.11.2025         |
| 27.                                      | Dr. K.B. Yadav                               | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.01.2029         |
| 28.                                      | Sri S.C. Deo (U/Susp.)                       | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech.                  | 31.08.2021         |
| 29.                                      | Sri Alok Priyadarshi                         | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.01.2035         |
| 30.                                      | Smt. Madhu Singh                             | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.05.2030         |
| 31.                                      | Mrs. Kumari Namrata                          | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.01.2040         |

| Sl. No.                                                          | Name of the Faculty     | Designation         | Pay Scale Slab        | Educational Qualification | Date of Retirement |
|------------------------------------------------------------------|-------------------------|---------------------|-----------------------|---------------------------|--------------------|
| <b>METALLURGY ENGINEERING &amp; MATERIAL SCIENCE DEPARTMENT.</b> |                         |                     |                       |                           |                    |
| 32.                                                              | Dr. S. N. Sinha         | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.12.2014         |
| 33.                                                              | Dr. R. J. Singh         | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 30.04.2016         |
| 34.                                                              | Dr. M. K. Agarwal       | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.01.2020         |
| 35.                                                              | Dr. R. P. Singh         | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 29.02.2021         |
| 36.                                                              | Dr. S.K. Sahay          | Associate Professor | 37,400-67000 + 9,000  | Ph. D                     | 31.05.2016         |
| 37.                                                              | Sri H. K. Prasad        | Associate Professor | 37,400-67000 + 9,000  | M. Tech                   | 30.11.2010         |
| 38.                                                              | Sri C.S. Choudhary      | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 31.12.2034         |
| 39.                                                              | Sri B. K. Singh         | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 31.05.2025         |
| 40.                                                              | Dr. Ashok Kumar         | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.03.2028         |
| 41.                                                              | Dr. Ranjit Prasad       | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.01.2024         |
| <b>ELECTRONICS ENGINEERING DEPARTMENT</b>                        |                         |                     |                       |                           |                    |
| 42.                                                              | Dr. S. N. Singh         | Associate Professor | 37,400-67000 + 9,000  | Ph. D                     | 31.12.2021         |
| 43.                                                              | Dr. A. Choubey          | Associate Professor | 37,400-67000 + 9,000  | Ph. D                     | 31.01.2023         |
| 44.                                                              | Sri Akhilesh Kumar      | Associate Professor | 37,400-67000 + 9,000  | M. Sc. Engg               | 30.09.2025         |
| 45.                                                              | Sri Dilip Kumar         | Assistant Professor | 15,600-39,600 + 6,000 | M.Sc.Engg.                | 31.12.2031         |
| 46.                                                              | Sri B. N. S. Munda      | Assistant Professor | 15,600-39,600 + 6,000 | B. Sc. Engg.              | 31.01.2033         |
| 47.                                                              | Sri Amit Prakash        | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.12.2034         |
| 48.                                                              | Sri Jayendra Kumar      | Assistant Professor | 15,600-39,600 + 6,000 | M.Tech                    | 30.06.2039         |
| 49.                                                              | Dr. S. S. Prasad        | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.07.2033         |
| 50.                                                              | Mrs. Rashmi Sinha       | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.07.2037         |
| <b>PRODUCTION ENGINEERING &amp; MANAGEMENT DEPARTMENT.</b>       |                         |                     |                       |                           |                    |
| 51.                                                              | Dr. U. C. Ray (on Lien) | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.07.2016         |
| 52.                                                              | Dr A. M. Tigga          | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.09.2025         |
| 53.                                                              | Sri A.K. Jha            | Associate Professor | 37,400-67000 + 9,000  | M. Tech                   | 31.01.2027         |
| 54.                                                              | Dr. D. Patel            | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.07.2029         |
| 55.                                                              | Sri S. N. Prasad        | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 28.02.2018         |
| 56.                                                              | Dr. S. B. Prasad        | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.01.2031         |
| 57.                                                              | Dr. Raj Ballav          | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.01.2031         |
| 58.                                                              | Dr. Amresh Kumar        | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.07.2034         |
| <b>COMPUTER SCIENCE &amp; ENGINEERING DEPARTMENT</b>             |                         |                     |                       |                           |                    |
| 59.                                                              | Sri B. K. Singh         | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 30.04.2036         |
| 60.                                                              | Sri R. R. Suman         | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 30.04.2029         |
| 61.                                                              | Sri Sanjay Kumar        | Assistant Professor | 15,600-39,600 + 6,000 | M. Tech                   | 31.07.2030         |
| 62.                                                              | Sri Dilip Kumar         | Assistant Professor | 15,600-39,600 + 6,000 | B. E.                     | 28.02.2043         |

| Sl. No.                                   | Name of the Faculty   | Designation         | Pay Scale Slab        | Educational Qualification | Date of Retirement |
|-------------------------------------------|-----------------------|---------------------|-----------------------|---------------------------|--------------------|
| <b>MECHANICAL ENGINEERING DEPARTMENT</b>  |                       |                     |                       |                           |                    |
| 63.                                       | Dr. B. N. Prasad      | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.05.2016         |
| 64.                                       | Dr. J. N. Yadav       | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.12.2015         |
| 65.                                       | Sri Shambhu Saran     | Professor,          | 37,400-67000 +10,000  | M. E.                     | 31.07.2014         |
| 66.                                       | Dr. M. K. Paswan      | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.07.2029         |
| 67.                                       | Dr. R. V. Sharma      | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.10.2027         |
| 68.                                       | Dr. Sailendra Kumar   | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.10.2024         |
| 69.                                       | Dr. Sanjay            | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.06.2034         |
| 70.                                       | Dr. S. P. Sharma      | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.12.2017         |
| 71.                                       | Dr. Laljee Prasad     | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.10.2032         |
| 72.                                       | Sri Malay Niraj       | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc. Engg               | 31.12.2037         |
| 73.                                       | Dr. Naresh Prasad     | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.01.2029         |
| 74.                                       | Dr. Parmanand Kumar   | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.12.2029         |
| 75.                                       | Dr. Prabha Chand      | Assistant Professor | 15,600-39,600 + 6,000 | Ph.D.                     | 31.03.2034         |
| 76.                                       | Dr. K. D. P. Singh    | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.12.2028         |
| 77.                                       | Dr. H. N. Singh       | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.04.2019         |
| 78.                                       | Dr. R. K. Prasad      | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 31.01.2019         |
| 79.                                       | Sri S. Pradhan        | Associate Professor | 37,400-67000 + 9,000  | M.E.                      | 31.01.2011         |
| 80.                                       | Dr. S. K. Singh       | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.09.2018         |
| 81.                                       | Dr. Anil Kumar Prasad | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.07.2031         |
| <b>DEPARTMENT OF COMPUTER APPLICATION</b> |                       |                     |                       |                           |                    |
| 82.                                       | Dr. A. Mishra         | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.07.2011         |
| 83.                                       | Sri A. K. Mehta       | Associate Professor | 37,400-67000 + 9,000  | M. Tech                   | 31.12.2023         |
| 84.                                       | Sri D. K. Yadav       | Associate Professor | 37,400-67000 + 9,000  | M. Tech                   | 31.05.2032         |
| 85.                                       | Sri Dilip Kumar Shaw  | Assistant Professor | 15,600-39,600 + 6,000 | M. C. A.                  | 31.07.2031         |
| 86.                                       | Dr. D.A. Khan         | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 30.04.2029         |
| <b>DEPARTMENT OF PHYSICS</b>              |                       |                     |                       |                           |                    |
| 87.                                       | Dr. Y.P. Yadav,       | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 31.01.2020         |
| 88.                                       | Dr. U. Laha           | Associate Professor | 37,400-67000 + 9,000  | Ph. D.                    | 30.11.2026         |
| 89.                                       | Dr. H. L. Yadav       | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.01.2027         |
| 90.                                       | Sri Rajiv Ranjan      | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc.                    | 31.07.2030         |
| 91.                                       | Sri A. K. Singh       | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc.                    | 31.05.2033         |
| 92.                                       | Sri B.N. Kundu        | Assistant Professor | 15,600-39,600 + 6,000 | M.Sc.                     | 31.07.2028         |

| Sl. No.                          | Name of the Faculty | Designation         | Pay Scale Slab        | Educational Qualification | Date of Retirement |
|----------------------------------|---------------------|---------------------|-----------------------|---------------------------|--------------------|
| <b>DEPARTMENT OF CHEMISTRY</b>   |                     |                     |                       |                           |                    |
| 93.                              | Dr. M.K. Banerjee   | Professor,          | 37,400-67000 +10,000  | Ph. D.                    | 30.06.2011         |
| 94.                              | Dr. A. K. Choudhary | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.01.2017         |
| 95.                              | Dr. S.K. Prasad     | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.12.2033         |
| <b>DEPARTMENT OF MATHEMATICS</b> |                     |                     |                       |                           |                    |
| 96.                              | Dr. S. Jha          | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 28.02.2023         |
| 97.                              | Dr. Tarni Mandal    | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.12.2021         |
| 98.                              | Dr. Ramayan Singh   | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 31.07.2025         |
| 99.                              | Sri H. S. Prasad    | Assistant Professor | 15,600-39,600 + 6,000 | M. Sc.                    | 31.12.2032         |
| <b>DEPARTMENT OF HUMANITIES</b>  |                     |                     |                       |                           |                    |
| 100.                             | Dr. Rajeev Bhushan  | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D.                    | 31.07.2026         |
| 101.                             | Dr. M. Kapoor       | Assistant Professor | 15,600-39,600 + 6,000 | Ph. D                     | 30.09.2022         |



## LIST OF GROUP 'C' EMPLOYEES AS ON 31.03.2011

| Sl. No. | Name of the Post   | Scale of Pay      | Name of the Present Incumbent & Department Where working. | Educational Qualification       | Date of Retirement |
|---------|--------------------|-------------------|-----------------------------------------------------------|---------------------------------|--------------------|
| 1.      | Assistant SG - II  | 5200-20200 + 2800 | Sri. N. N. Mukhi, A.E. Sec.                               | B.Com                           | 30-11-2018         |
| 2.      |                    | 5200-20200 + 2800 | Sri. Thakur Mardi, Acct. Sec.                             | B.Com                           | 31-05-2013         |
| 3.      |                    | 5200-20200 + 2800 | Sri. Khageshwar Mahato, Acctt. Sec.                       | B.Sc.                           | 30-09-2020         |
| 4.      |                    | 5200-20200 + 2800 | Sri. N.K. Jha, Director's Office                          | B. Com.                         | 31-01-2026         |
| 5.      |                    | 5200-20200 + 2800 | Sri. Arun Pandit, Account Sec.                            | M. Com.                         | 31-01-2024         |
| 6.      |                    | 5200-20200 + 2800 | Sri. Muralidhar Behra, A/C Sec.                           | B. Com.                         | 31-10-2021         |
| 7.      |                    | 5200-20200 + 2800 | Sri. Lekh Chandra, ECE                                    | B.Com                           | 30-11-2015         |
| 8.      |                    | 5200-20200 + 2800 | Sri. N.L. Rajak, Acad. Sec.                               | B. Com.                         | 31-01-2021         |
| 9.      |                    | 5200-20200 + 2800 | Sri. B.K. Kalindi, A.E. Section                           | B. Com.                         | 31-12-2021         |
| 10.     |                    | 5200-20200 + 2800 | Sri Bimal Kumar Mahato, Acctt. Sec.                       | M.Com                           | 31.01.2015         |
| 11.     |                    | 5200-20200 + 2800 | Sri. T.K. Kar, Civil Engg. Deptt.                         | B.Sc.                           | 31-10-2022         |
| 12.     |                    | 5200-20200 + 2800 | Sri. Manoj Kumar Prasad, Acad. Sec.                       | B. Com.                         | 31-10-2022         |
| 13.     |                    | 5200-20200 + 2800 | Sri. Raj Kumar Baitha, Mech. Engg. Deptt                  | B.A.                            | 31-03-2034         |
| 14.     | Jr. Assistant      | 5200-20200 + 1900 | Smt. Kanak Kumari Esstt. Section                          | B.A                             | 30.06.2038         |
| 15.     | Assistant SG - II  | 5200-20200 + 2800 | Sri. Arjun Kumar Singh, T & P Section                     | B.A.                            | 31-12-2033         |
| 16.     |                    | 5200-20200 + 2800 | Sri. Tarkeshwar Kumar, Estate Sec.                        | B. Com.                         | 30-06-2025         |
| 17.     | Assistant SG - II  | 9300-34800 + 4200 | Sri R. K. L. Das, Central Stores                          | I. Sc.                          | 29.02.2012         |
| 18.     | Jr. Stenographer   | 5200-20200 + 2800 | Sri A. Sanyal, Director Office                            | B.Sc.                           | 30.09.2023         |
| 19.     | P.T.I.             | 9300-34800 + 4200 | Sri Jagdish Singh, A.P. Sec                               | B.Sc.                           | 31.10.2023         |
| 20.     | Draftsman          | 5200-20200 + 2800 | Sri Nawal Kishore A.E. Sce.                               | Matric & Diploma In Civil Engg. | 31.10.2034         |
| 21.     | Sanitary Inspector | 5200-20200 + 2800 | Sri Baliram Kumar, Estate Sec                             | B.A.                            | 30.06.2029         |
| 22.     | Assistant SG - II  | 5200-20200 + 2800 | Sri Bansilal Sardar, Elect. Engg. Deptt                   | I.Com                           | 31.01.2023         |
| 23.     |                    | 5200-20200 + 2800 | Sri Chaman Lal, Acctt. Section.                           | B.Com                           | 31.05.2022         |
| 24.     | Bus- Driver        | 5200-20200 + 2800 | Sri Kailash Jha, Vehicle Sec.                             | Non-Matric                      | 31.08.2022         |
| 25.     |                    | 5200-20200 + 2400 | Sri Sanjay Kr. Sinha, Vehicle Sec.                        | Matric                          | 30.04.2029         |
| 26.     |                    | 5200-20200 + 2400 | Sir K.P. Singh, Vehicle Sec.                              | N.- Matric                      | 31.12.2030         |
| 27.     | Pick-Up Drive      | 5200-20200 + 2400 | Sri Hemant Sal, Vehicle Sec.                              | IX Pass                         | 31.08.2026         |
| 28.     | Compounder         | 5200-20200 + 2000 | Sri K. K. Bharitia, Med. Section                          | I.A.Diploma in pharmacy         | 31.12.2025         |
| 29.     | Electrician        | 5200-20200 + 2400 | Sri Mangal Kalindi, EMR                                   | N-Matric                        | 31.08.2010         |

| Sl. No.                                  | Name of the Post  | Scale of Pay      | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|------------------------------------------|-------------------|-------------------|-----------------------------------------------------------|---------------------------|--------------------|
| <b>CIVIL ENGINEERING</b>                 |                   |                   |                                                           |                           |                    |
| 30.                                      | Sr. Assistant     | 5200-20200 + 2400 | Sri S.K. Gupta, Director's Office                         | B.Com                     | 28.02.2030         |
| 31.                                      | Lab. Assistant    | 5200-20200 + 2800 | Sri A Qaiyum, Civil Engg. Deptt.                          | B.Sc.                     | 31.01.2013         |
| 32.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Dashrath Singh, Academic Section                      | B.A.                      | 28.02.2031         |
| <b>ELECTRICAL ENGINEERING DEPARTMENT</b> |                   |                   |                                                           |                           |                    |
| 33.                                      | Sr. Assistant     | 5200-20200 + 2400 | Sri R.K. Pramanik, Esstt.Sec..                            | M.Com                     | 31.10.2028         |
| 34.                                      | Sr. Assistant     | 5200-20200 + 2400 | Smt. S. Tanty, Estt. Section                              | M. A                      | 30.06.2018         |
| <b>METALLURGICAL ENGG.</b>               |                   |                   |                                                           |                           |                    |
| 35.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Mahesh Rajak, Estt. Section                           | B. Com                    | 31.10.2023         |
| 36.                                      |                   | 5200-20200 + 2800 | Sri Suman Kumar, Account Sec.                             | B.A /M.B.A.               | 31.08.2029         |
| 37.                                      | Sr. Assistant     | 5200-20200 + 2400 | Sri Anil Kumar, Physics                                   | B.Sc.                     | 31.03.2027         |
| <b>PHYSICS DEPTT.</b>                    |                   |                   |                                                           |                           |                    |
| 38.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Nabo Kishore Mahto, Lib.                              | M.Com                     | 31.09.2022         |
| <b>CHEMISTRY DEPTT.</b>                  |                   |                   |                                                           |                           |                    |
| 39.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Shailesh Kumar, Dean's Office                         | B.Com                     | 30.09.2024         |
| 40.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Sanjay Chatterjee, Production                         | B.Com                     | 30.04.2026         |
| <b>MATHEMATICS DEPTT</b>                 |                   |                   |                                                           |                           |                    |
| 41.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri S.N. Yadav, Computer centre                           | B. Sc                     | 31.12.2025         |
| <b>HUMANITIES DEPARTMENT</b>             |                   |                   |                                                           |                           |                    |
| 42.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri S.N. Sharma, C/W                                      | B.A                       | 31.10.2009         |
| <b>MECHANICAL ENGG.</b>                  |                   |                   |                                                           |                           |                    |
| 43.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Urmilesh Jha, Met. & Mat. Engg.                       | B. A.                     | 31.01.2023         |
| 44.                                      | Lab Assistant     | 5200-20200 + 2800 | Sri T.K. Mishra, Mechanical Engg.                         | B.Sc.                     | 30.09.2013         |
| <b>ELECTRONICS DEPTT.</b>                |                   |                   |                                                           |                           |                    |
| 45.                                      | Sr. Assistant     | 5200-20200 + 2400 | Mrs Bobby Banerjee, Computer Sc. Engg.                    | B.Sc.                     | 31.12.2035         |
| 46.                                      | Assistant SG - II | 5200-20200 + 2800 | Sri Naresh Kr. Pathak, Workshop                           | B.A.                      | 30.11.2025         |
| <b>COMPUTER SC. &amp; ENGG.</b>          |                   |                   |                                                           |                           |                    |
| 47.                                      | Assistant SG - II | 5200-20200 + 2400 | Sri R.P. Sinha, A.P. Section.                             | B.Sc.                     | 31.01.2023         |
| 48.                                      | Tech. Assistant   | 5200-20200 + 4200 | SriSudhirKumarSinha, Computer Centre                      | B.Sc. (Hons)              | 30.11.2032         |
| <b>PRODUCTION ENGG.</b>                  |                   |                   |                                                           |                           |                    |
| <b>D.C.A.</b>                            |                   |                   |                                                           |                           |                    |
| 49.                                      | Sr. Assistant     | 5200-20200 + 2400 | Sri Ashutosh Ranjan, Computer Center                      | B.A.                      | 31.08.2033         |
| 50.                                      | Store-Keeper      | 5200-20200 + 2800 | Sri Shailesh Kr. Roy D.C.A.                               | B.Com                     | 30.06.2025         |

| Sl. No.                | Name of the Post    | Scale of Pay      | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|------------------------|---------------------|-------------------|-----------------------------------------------------------|---------------------------|--------------------|
| <b>COMPUTER CENTER</b> |                     |                   |                                                           |                           |                    |
| 51.                    | Data Entry Operator | 5200-20200 + 2000 | Sri Bipin Kr. Sinha Com. Sc.                              | Inter                     | 31.03.2034         |
| <b>WORKSHOP</b>        |                     |                   |                                                           |                           |                    |
| 52.                    | Mech. 'A'           | 5200-20200 + 2800 | Sri A.K. Sahu, Vehicle                                    | N- Matric                 | 31.10.2023         |
| 53.                    | Mech. 'B'           | 5200-20200 + 2800 | Sri Mahendra Tiwary Workshop                              | Matric                    | 31.07.2010         |
| 54.                    |                     | 5200-20200 + 2800 | Sri K.K. Chakraborty, Computer Centre                     | I. Sc.                    | 30.11.2015         |
| 55.                    |                     | 5200-20200 + 2400 | Sri Rabindra Pd., Mechanical Engg.                        | Matric                    | 28.02.2027         |
| 56.                    |                     | 5200-20200 + 2400 | Sri Satyadeo Singh, W/S                                   | Matric                    | 31.08.2025         |
| 57.                    |                     | 5200-20200 + 2400 | Sri Sanjeev Kumar Elect. Engg.                            | I. Sc.                    | 30.04.2033         |
| 58.                    |                     | 5200-20200 + 2400 | Sri Gupteshwar Prasad, Workshop                           | Matric                    | 30.06.2027         |
| 59.                    |                     | 5200-20200 + 2400 | Sri Sanjay Kr. Estate Section                             | I.A.                      | 31.01.2037         |
| 60.                    |                     | 5200-20200 + 2400 | Sri P.K. Mal, E & M.R.                                    | I. A.                     | 30.06.2033         |
| 61.                    | Assistant SG - II   | 5200-20200 + 2800 | Sri Gopaljee Ram, A/C                                     | B.Com                     | 31.03.2026         |

## LIST OF GROUP 'D' EMPLOYEES AS ON 31.03.2011

| Sl. No. | Name of the Post                  | Scale of Pay     | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|---------|-----------------------------------|------------------|-----------------------------------------------------------|---------------------------|--------------------|
| 1.      | Library Attendant                 | 5200-20200 +1800 | Smt. S. Pradhan Library.                                  | Inter                     | 31.07.2033         |
| 2.      | Watchman                          | 5200-20200 +1800 | Sri Hem Sagar Gope, Girls Hostel                          | Literate                  | 31.05.2022         |
| 3.      |                                   | 5200-20200 +1800 | Sri Biram Manjhi, Estate Sec.                             | Literate                  | 30.04.2028         |
| 4.      | Daftari                           | 5200-20200 +1800 | Sri Sandeep Kumar, A/C Section.                           | I.A                       | 31.01.2032         |
| 5.      |                                   | 5200-20200 +1800 | Sri V.P. Mahto, Account Section                           | B. Com                    | 31.10.2038         |
| 6.      | Cleaner                           | 5200-20200 +1800 | Sri Lakshman Kr. Singh V. Sec.                            | Matric                    | 31.10.2030         |
| 7.      | Store Attd.                       | 5200-20200 +1800 | Sri Sheo Charan Kr. Retired                               | Literate                  | 31.05.2010         |
| 8.      | Medical Attendant                 | 5200-20200 +1800 | Late P.C. Mahto, Expired                                  | Literate                  | 31.12.2019         |
| 9.      | Medical Attendant                 | 5200-20200 +1800 | Sri Vishal Kuamr, Account Section                         | B.A                       | 31.05.2040         |
| 10.     | Peon/Darwan/Chokidar/Mali/Mazdoor | 5200-20200 +1900 | Sri Monbad Kr. Das, Computer Center                       | M. Lib.                   | 31.08.2013         |
| 11.     |                                   | 5200-20200 +1800 | Sri Banmali Sardar, Retired                               | Literate                  | 31.08.2010         |
| 12.     |                                   | 5200-20200 +1800 | Sri Radha Nath Mahto, Comp. Sc. & Engg                    | Literate                  | 30.06.2015         |
| 13.     |                                   | 5200-20200 +1800 | Sri Mihir Ch. Pradhan, Estate Sec.                        | Literate                  | 28.02.2027         |
| 14.     |                                   | 5200-20200 +1800 | Sri Jouhri Sahni, Director's Office                       | Literate                  | 31.05.2026         |
| 15.     |                                   | 5200-20200 +1800 | Sri Akhil Pradhan, Girl Hostel                            | Literate                  | 31.05.2025         |
| 16.     |                                   | 5200-20200 +1800 | Sri Bahadur Mahto, Vehicle Sec.                           | Literate                  | 31.05.2035         |
| 17.     |                                   | 5200-20200 +1800 | Sri Ramesh Ram, Hostel-G                                  | Literate                  | 31.05.2026         |
| 18.     |                                   | 5200-20200 +1800 | Sri Kisto Manjhi, Hostel.                                 | Literate                  | 31.05.2029         |
| 19.     |                                   | 5200-20200 +1800 | Sri Bucchu Jha, Met. & Mat. Engg. Deptt.                  | N. -Matric                | 30.09.2022         |
| 20.     |                                   | 5200-20200 +1800 | Sri Santosh Sardar, Horticulture                          | Literate                  | 31.05.2030         |
| 21.     |                                   | 5200-20200 +1800 | Sri P.K. Dutta, Prod. & Indl. Engg. Deptt.                | Literate                  | 31.05.2024         |
| 22.     |                                   | 5200-20200 +1800 | Sri G.C. Das, Prod. Engg.                                 | Literate                  | 31.05.2022         |
| 23.     |                                   | 5200-20200 +1800 | Late Prahlad Singh Munda, Expired                         | Litrare                   | 31.05.2022         |
| 24.     |                                   | 5200-20200 +1800 | Sri Anup KumarMahto, Electro & Com. Engg.                 | B.A.                      | 31.08.2035         |
| 25.     |                                   | 5200-20200 +1800 | Smt. A. Kujur, Estt. Sec.                                 | N – Matric                | 30.09.2015         |
| 26.     |                                   | 5200-20200 +1800 | Sri Ruhi Manjhi, Academic Section                         | Literate                  | 31.07.2041         |
| 27.     |                                   | 5200-20200 +1800 | Sri Shankar Pradhan, Estate Section                       | Literate                  | 31.08.2034         |
| 28.     |                                   | 5200-20200 +1800 | Sri Kameshware Roy, Met.& Mat. Engg.Deptt.                | Litrare                   | 31.12.2032         |
| 29.     | Mazdoor                           | 5200-20200 +1800 | Sri K. D. Goswami, D.C.A.                                 | Literate                  | 31.08.2013         |
| 30.     |                                   | 5200-20200 +1800 | Sri Triloki Singh, Retired                                | Literate                  | 31.08.2011         |
| 31.     |                                   | 5200-20200 +1800 | Sri Sakhi Ch. Mahto, Estate Sec.                          | Literate                  | 31.08.2012         |

| Sl. No. | Name of the Post | Scale of Pay     | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|---------|------------------|------------------|-----------------------------------------------------------|---------------------------|--------------------|
| 32.     |                  | 5200-20200 +1800 | Sri Panda Pradhan, Estt. Sec.                             | Literate                  | 30.04.2017         |
| 33.     |                  | 5200-20200 +1800 | Sri Manohar Sardar, A/C Sec.                              | Literate                  | 31.08.2013         |
| 34.     |                  | 5200-20200 +1800 | Sri Fantu, A.P. Section                                   | Illiterate                | 31.05.2030         |
| 35.     |                  | 5200-20200 +1800 | Sri Trilochan Pradhan, Dean Office                        | Literate                  | 31.05.2018         |
| 36.     |                  | 5200-20200 +1800 | Sri Gopi Pradhan, Physics Deptt.                          | Literate                  | 31.07.2018         |
| 37.     |                  | 5200-20200 +1800 | Sri Mohan Ram Mahto, R. Office                            | Literate                  | 31.10.2020         |
| 38.     |                  | 5200-20200 +1800 | Sri Rabi Mahto, Central Library                           | Literate                  | 28.02.2027         |
| 39.     |                  | 5200-20200 +1800 | Sri Ranglal Mahto, Civil                                  | Literate                  | 28.02.2023         |
| 40.     |                  | 5200-20200 +1800 | Sri Shristidhar Mahto, Academic Section                   | Non- Matric               | 29.02.2020         |
| 41.     |                  | 5200-20200 +1800 | Sri Harkhu Machhua, Estate Section                        | Illiterate                | 31.08.2021         |
| 42.     |                  | 5200-20200 +1800 | Smt. Sugga Devi, Civil Engg. Deptt.                       | Illiterate                | 31.08.2024         |
| 43.     | Sweeper          | 5200-20200 +1800 | Sri Suresh Mukhi, Retired                                 | Illiterate                | 31.08.2011         |
| 44.     |                  | 5200-20200 +1800 | Late Lushu Mukhi, Expired                                 | Literate                  | 31.08.2014         |
| 45.     |                  | 5200-20200 +1800 | Sri Fulchand Mukhi, Hostel 'A'                            | Literate                  | 30.06.2014         |
| 46.     |                  | 5200-20200 +1800 | Sri Sadashiv Mukhi, Sweeper Hostel -F                     | Literate                  | 30.04.2024         |
| 47.     |                  | 5200-20200 +1800 | Sri Subhash Mukhi, Estate Section                         | Literate                  | 30.04.2021         |
| 48.     |                  | 5200-20200 +1800 | Sri Krishna Mukhi, Estate Sec.                            | Literate                  | 31.10.2026         |
| 49.     |                  | 5200-20200 +1800 | Sri Bir Pd. Mukhi, Maths. Deptt.                          | Literate                  | 31.10.2030         |
| 50.     |                  | 5200-20200 +1800 | Sri Bishambhar Mukhi Estate Section                       | Literate                  | 31.05.2025         |
| 51.     |                  | 5200-20200 +1800 | Sri Hagru Mukhi Estate Sec.                               | Literate                  | 31.10.2031         |
| 52.     |                  | 5200-20200 +1800 | Sri Bihari Mukhi, Estate Sec.                             | Literate                  | 31.05.2025         |
| 53.     |                  | 5200-20200 +1800 | Sri Rabi Mukhi-I, G.H                                     | Literate                  | 31.05.2034         |
| 54.     |                  | 5200-20200 +1800 | Sri Bideshi Mukhi-I, EMR                                  | Literate                  | 31.07.2029         |
| 55.     |                  | 5200-20200 +1800 | Sri Ravi Mukhi-II, Hostel.                                | Literate                  | 31.05.2027         |
| 56.     |                  | 5200-20200 +1800 | Sri Arjun Mukhi, Hostel.                                  | Literate                  | 31.07.2026         |
| 57.     |                  | 5200-20200 +1800 | Sri Ganesh Shrestha, P.G. H.                              | Matric                    | 31.05.2038         |
| 58.     |                  | 5200-20200 +1800 | Smt. Devi Mukhi, Estt. Sec.                               | Illiterate                | 30.09.2032         |
| 59.     |                  | 5200-20200 +1800 | Sri Mahesh Mukhi, Hostel –B                               | Illiterate                | 30.09.2035         |
| 60.     |                  | 5200-20200 +1800 | Smt. Shanti Mukhi, Girls Hostel                           | Illiterate                | 30.09.2029         |
| 61.     |                  | 5200-20200 +1800 | Sri Bideshi Mukhi-II Computer Centre                      | Illiterate                | 30.04.2030         |
| 62.     | Elect. Helper    | 5200-20200 +1900 | Sri J.P. Gupta, E.M.R.                                    | Inter                     | 31.12.2012         |
| 63.     |                  | 5200-20200 +1800 | Sri Bhola Prasad, E.M.R.                                  | Literate                  | 28.02.2021         |
| 64.     |                  | 5200-20200 +1800 | Sri Bankey Mishra, E.M.R.                                 | Non- Matric               | 31.12.2025         |

| Sl. No. | Name of the Post                     | Scale of Pay     | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|---------|--------------------------------------|------------------|-----------------------------------------------------------|---------------------------|--------------------|
| 65.     |                                      | 5200-20200 +1800 | Sri M.N. Kalibarta, E.M.R.                                | Literatre                 | 30.09.2018         |
| 66.     | Lab. Attendant/<br>Office Attd.      | 5200-20200 +1900 | Sri Ram Narayan Prasad, Retired                           | Matric                    | 29.08.2011         |
| 67.     |                                      | 5200-20200 +1800 | Sri Damu Tiue, Civil Engg.                                | Literate                  | 31.07.2023         |
| 68.     |                                      | 5200-20200 +1800 | Sri Ram Awadh Ram, A.P. Section                           | Literate                  | 30.09.2025         |
| 69.     |                                      | 5200-20200 +1800 | Sri Chhote Lal Soren, Estt. Section                       | Matric                    | 31.05.2038         |
| 70.     |                                      | 5200-20200 +1800 | Sri Krishna Rajak, Elect. Engg.                           | Matric                    | 30.11.2023         |
| 71.     |                                      | 5200-20200 +1800 | Sri Binod Kr. Satpathy, Computer Centre                   | B.A., D. in C. A.         | 30.04.2022         |
| 72.     | Office Attendant                     | 5200-20200 +1800 | Sri Deo Kr. Mahto, Retired                                | Literate                  | 31.07.2010         |
| 73.     |                                      | 5200-20200 +1800 | Sri Makhan Lal Computer Centre                            | Non-Matric                | 30.11.2028         |
| 74.     | Mech. Engg. Deptt.<br>Lab. Attendant | 5200-20200 +1800 | Sri Dilip Kr. Mahto Retired                               | Literate                  | 31.08.2010         |
| 75.     |                                      | 5200-20200 +1800 | Sri Anukul Kumhar, Dean Acad. Office                      | Matric                    | 30.04.2018         |
| 76.     |                                      | 5200-20200 +1800 | Late Deo Naryan Mahto, Expired.                           | I.A, D. in C. A.          | 31.08.2027         |
| 77.     | Met. Engg. Deptt.<br>Lab Attendant   | 5200-20200 +1800 | Sri P.B. Paswan, Met. Engg.                               | Literate                  | 30.09.2013         |
| 78.     |                                      | 5200-20200 +1800 | Sri Parmeshwar Mahto, A.E. Section                        | Matric                    | 31.12.2016         |
| 79.     |                                      | 5200-20200 +1800 | Sri S.S. Mandal, Elect. Engg.                             | Literate                  | 30.11.2023         |
| 80.     | Applied Mech.<br>Office Attendant    | 5200-20200 +1800 | Sri Dilip Mahali, Workshop                                | Literate                  | 30.09.2024         |
| 81.     |                                      | 5200-20200 +1800 | Smt Chanchala Pradhan, Account Section                    | Illiterate                | 30.11.2020         |
| 82.     | Lab. Attendant                       | 5200-20200 +1800 | Sri Jyotilal Singh, Hostel-B                              | Matric                    | 31.08.2029         |
| 83.     |                                      | 5200-20200 +1800 | Sri M.S. Pati, Computer Center                            | Matric                    | 28.02.2021         |
| 84.     |                                      | 5200-20200 +1800 | Sri M.K. Jha, Director's Office                           | Intermediate              | 30.06.2037         |
| 85.     | Office Attendant                     | 5200-20200 +1800 | Sri Abdhesh Rajak, Estate Section.                        | Illiterate                | 31.12.2039         |
| 86.     | Chemistry Dept.                      | 5200-20200 +1800 | Sri Kalu Nayak, Telephone                                 | Literate                  | 31.05.2032         |
| 87.     | Lab Attendant                        | 5200-20200 +1800 | Sri Suresh Pradhan, Mech. Engg.                           | Literate                  | 30.10.2033         |
| 88.     | Office Attendant                     | 5200-20200 +1800 | Sri Raghu Nath Raut Retired                               | Non-Matric                | 28.02.2011         |
| 89.     | Workshop.Office<br>Attendant         | 5200-20200 +1800 | Sri Charan Gorai, Director's Office                       | Non-Matric                | 30.09.2035         |
| 90.     |                                      | 5200-20200 +1800 | Late M.M. Ekka, Expired                                   | Illiterate                | 31.12.2023         |
| 91.     |                                      | 5200-20200 +1800 | Sri Rajendra Rajak, Workshop                              | Non-Matric                | 31.03.2023         |
| 92.     |                                      | 5200-20200 +1800 | Sri Rajesh Kumar, Workshop                                | Illiterate                | 31.03.2026         |
| 93.     |                                      | 5200-20200 +1800 | Sri Kashi Prasad, Workshop                                | Illiterate                | 31.10.2019         |
| 94.     |                                      | 5200-20200 +1800 | Sri Kamal Kant Das, Guest House.                          | Illiterate                | 31.05.2027         |



| Sl. No. | Name of the Post | Scale of Pay     | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|---------|------------------|------------------|-----------------------------------------------------------|---------------------------|--------------------|
| 95.     |                  | 5200-20200 +1800 | Sri S.S. Sahu, Guest House                                | Matric                    | 31.05.2030         |
| 96.     |                  | 5200-20200 +1800 | Sri Janmejay Sardar, Estate Section                       | Illiterate                | 31.10.2035         |
| 97.     |                  | 5200-20200 +1800 | Sri Murali Mahto, Estate Section                          | Literate                  | 31.12.2036         |
| 98.     |                  | 5200-20200 +1800 | Sri Gora Ch. Mahto, Retired                               | Literate                  | 31.08.2011         |
| 99.     |                  | 5200-20200 +1800 | Sri Suraj Kumar, Estate Section                           | Illiterate                | 30.09.2030         |
| 100.    |                  | 5200-20200 +1800 | Sri Lal Mohar Singh, Hostel - I                           | N.M.                      | 30.09.2020         |
| 101.    |                  | 5200-20200 +1800 | Sri Nitish Das, Director Office.                          | Matric                    | 30.09.2034         |
| 102.    |                  | 5200-20200 +1800 | Sri Dayamay Prajapati, Hostel-G                           | Non-Matric                | 31.08.2026         |
| 103.    |                  | 5200-20200 +1800 | Sri Karmu Mahto, Retired                                  | Literate                  | 31.08.2011         |
| 104.    |                  | 5200-20200 +1800 | Sri Nagen Mahto, Medical Sec.                             | Illiterate                | 31.08.2012         |
| 105.    |                  | 5200-20200 +1800 | Sri Ugra Sen Mukhi, Retired                               | Illiterate                | 31.08.2011         |
| 106.    |                  | 5200-20200 +1800 | Sri Mohan Mahto Hostel-A                                  | Illiterate                | 30.06.2014         |
| 107.    |                  | 5200-20200 +1800 | Sri Jai Singh Mukhi Hostel-A                              | Illiterate                | 30.06.2014         |
| 108.    |                  | 5200-20200 +1800 | Sri Pahar Singh Mukhi Hostel-F                            | Illiterate                | 28.02.2019         |
| 109.    |                  | 5200-20200 +1800 | Sri Sita Ram Mukhi Hostel-G                               | Illiterate                | 28.02.2021         |
| 110.    |                  | 5200-20200 +1800 | Late Sarad Mjkh Expired                                   | Illiterate                | 30.04.2020         |
| 111.    |                  | 5200-20200 +1800 | Sri Mangal Mukhi Hostel-D                                 | Illiterate                | 30.04.2024         |
| 112.    |                  | 5200-20200 +1800 | Sri Ramesh Mukhi Hostel                                   | Illiterate                | 30.04.2025         |
| 113.    |                  | 5200-20200 +1800 | Sri Jitendra Sardar, Estate Section                       | Literate                  | 31.05.2020         |
| 114.    |                  | 5200-20200 +1800 | Smt. Singo, Retired                                       | Literate                  | 31.05.2010         |
| 115.    |                  | 5200-20200 +1800 | Sri Devendra Mahato, Hostel                               | Literate                  | 31.05.2018         |
| 116.    |                  | 5200-20200 +1800 | Smt Sunaina Devi, Central Library                         | Literate                  | 31.05.2021         |
| 117.    |                  | 5200-20200 +1800 | Smt. Belmati, Girls Hostel                                | Literate                  | 31.05.2015         |
| 118.    |                  | 5200-20200 +1800 | Smt. Padmabati Devi, Comp. Sc.                            | Literate                  | 31.05.2016         |
| 119.    |                  | 5200-20200 +1800 | Sri Khokha Ram Mahato, Hostel                             | Illiterate                | 30.09.2030         |
| 120.    |                  | 5200-20200 +1800 | Smt Kanchan Devi, Girls Hostel                            | Illiterate                | 30.09.2025         |
| 121.    |                  | 5200-20200 +1800 | Smt. Raimani Devi, Estate Section                         | Illiterate                | 30.09.2020         |
| 122.    |                  | 5200-20200 +1800 | Sri Haldhar Sardar, Estate Section                        | Illiterate                | 30.09.2034         |
| 123.    |                  | 5200-20200 +1800 | Smt Sachini Devi, Chemistry                               | Literate                  | 30.09.2026         |
| 124.    |                  | 5200-20200 +1800 | Sri Dharmendra Mardi, Academic Section                    | I. Com.                   | 30.05.2035         |
| 125.    |                  | 5200-20200 +1800 | Late Bistu Devi, Expired                                  | Illiterate                | 31.10.2012         |
| 126.    |                  | 5200-20200 +1800 | Sri Jouhar Mukhi, Hostel                                  | Illiterate                | 31.10.2030         |
| 127.    |                  | 5200-20200 +1800 | Sri Basant Mukhi, Estate Section                          | Illiterate                | 30.04.2028         |

| Sl. No. | Name of the Post               | Scale of Pay     | Name of the Present Incumbent & Department Where working. | Educational Qualification | Date of Retirement |
|---------|--------------------------------|------------------|-----------------------------------------------------------|---------------------------|--------------------|
| 128.    | Lab Attendant                  | 5200-20200 +1800 | Sri Dina Nath Prasad, Met. Engg.                          | Matric                    | 31.01.2021         |
| 129.    |                                | 5200-20200 +1800 | Sri Giri Pradhan, EMR.                                    | Illiterate                | 28.02.2031         |
| 130.    | Attend. -Cum.- Cook            | 5200-20200 +1800 | Sri Nagen Paira, Retired                                  | Non-Matric                | 31.08.2011         |
| 131.    | Peon/Plumbing Helper           | 5200-20200 +1800 | Sri Hira Lal Mahanty, Mech. Engg.                         | Non-Matric                | 31.01.2015         |
| 132.    |                                | 5200-20200 +1800 | Sri. Mani Lal Yadav, Library                              | Non- Matric               | 28.02.2023         |
| 133.    | Account Section                | 5200-20200 +1800 | Sri Kamlesh Das, Rec. Supplier Central Library            | Matric                    | 30.06.2019         |
| 134.    | Lab Attendant                  | 5200-20200 +1800 | Sri Suresh Prasad, E.M.R.                                 | Literate                  | 31.03.2036         |
| 135.    | Guest House:Mali               | 5200-20200 +1800 | Sri Gopal Murmu, Chief Warden Office                      | Illiterate                | 31.12.2023         |
| 136.    | Darwan                         | 5200-20200 +1800 | Sri Bhola Pd. Yadav, Hostel.                              | Matric                    | 31.07.2026         |
| 137.    |                                | 5200-20200 +1800 | Sri Matbar Sardar, Estate Sec.                            | Literate                  | 31.05.2029         |
| 138.    |                                | 5200-20200 +1800 | Sri Motilal Gour, Hostel                                  | Literate                  | 31.10.2028         |
| 139.    | Civil Maintenance Helper       | 5200-20200 +1800 | Sri Basu Gour, Hostel                                     | Literate                  | 31.10.2030         |
| 140.    |                                | 5200-20200 +1800 | Sri Sarweshwar Mukhi, Hostel.                             | Literate                  | 31.12.2036         |
| 141.    |                                | 5200-20200 +1800 | Sri Gurwa Mukhi, Estate Section                           | Literate                  | 30.12.2039         |
| 142.    |                                | 5200-20200 +1800 | Sri Chandra Mohan Mukhi Accounts Section                  | Literate                  | 30.06.2040         |
| 143.    | Lab attendant                  | 5200-20200 +1800 | Sri Bidya Sagar Gupta, Esstt. Section                     | Matric, with ITI          | 31.01.2022         |
| 144.    | Office Attendant               | 5200-20200 +1800 | Sri Aditya Mahali, Computer Centre                        | Literate                  | 31.10.2035         |
| 145.    | Lab attendant                  | 5200-20200 +1800 | Sri Raghu Nath Mukhi, T & P                               | Literate                  | 31.08.2026         |
| 146.    | M.C.A. Lab attendant           | 5200-20200 +1800 | Sri Sunil Gour, Estate Section                            | Literate                  | 31.12.2033         |
| 147.    | Office Attendant               | 5200-20200 +1800 | Sri Anand Pradhan, DCA                                    | Literate                  | 31.03.2028         |
| 148.    | Hostel Choukidar               | 5200-20200 +1800 | Sri Mathura Sardar, Estate Section                        | Literate                  | 31.08.2031         |
| 149.    |                                | 5200-20200 +1800 | Sri R.K. Jha, Estate Section                              | Literate                  | 31.12.2040         |
| 150.    |                                | 5200-20200 +1800 | Sri Tapan Mahto, Estate Section                           | Literate                  | 31.12.2031         |
| 151.    |                                | 5200-20200 +1800 | Sri Bimal Gour, Estate Section                            | Literate                  | 31.12.2034         |
| 152.    |                                | 5200-20200 +1800 | Sri Parmath Mukhi Estate Section                          | Literate                  | 30.04.2031         |
| 153.    | Sweeper                        | 5200-20200 +1800 | Smt. Sarswati Mukhi, Hostel                               | Literate                  | 30.04.2030         |
| 154.    | Computer Science Lab Attendant | 5200-20200 +1800 | Sri Aditya Satpati Estate Section                         | Matric                    | 31.10.2022         |
| 155.    | Office Attendant               | 5200-20200 +1800 | Bablu Sardar, Computer Centre                             | Literate                  | 31.08.2033         |
| 156.    | CAD/CAM                        | 5200-20200 +1800 | Sri Bhaskar Pradhan Director's Office                     | Literate                  | 31.12.2033         |

## HALL MANAGEMENT BOARD CHIEF WARDEN (UP + DOWN HOSTEL)

Chief Warden Up Hostel : Dr. S. Jha

Chief Warden Down Hostel : Dr. M.K. Paswan

| Hall of Residence                      | Warden                                         | Supervisor             |
|----------------------------------------|------------------------------------------------|------------------------|
| A: Aryabhatta Hall of Residence        | Prof. Amit Prakash                             | Sri Ashutosh Ranjan    |
| B: Nirala Hall of Residence            | Prof. B.N.S. Munda                             | Sri Suman Kumar        |
| C: Bhabha Hall of Residence            | Prof. S. B. Prasad                             | Sri K.K. Chakraborty   |
| D: Rajendra Prasad Hall of Residence   | Prof. Parmanand Kumar                          | Sri Shailesh Kumar     |
| E: Vishesvaryya Hall of Residence      | Prof. Nigam Prakash                            | Sri Raj Kumar Baitha   |
| F: Shivaji Hall of Residence           | Prof. Prahlad Prasad                           | Sri Sushil Kumar Gupta |
| G: Subhash Chandra Hall of Residence   | Prof. Ramayan Singh                            | Sri Arjun Kumar Singh  |
| H: Abul Kalam Azad Hall of Residence   | Prof. Ashok Kumar                              | Sri Sanjay Chatterjee  |
| I: Swami Vivekanand Hall of Residence  | Prof. Malay Niraj Paswan<br>Prof. Sajjan Kumar | Sri T.K. Mishra        |
| GH-1: Rani Laxmi Bai Hall of Residence | Dr. Prabha Chand                               | Mrs. Kanak Kumari      |
| GH-2: Ambedkar Hall of Residence       | Dr. Neeta Bharti                               | Mrs. Boby Banerjee     |

## HOSTEL EXECUTIVE COMMITTEE

| HEC Members : Aryabhatta Hall of Residence (Hall – A) |          |          |            |                    |
|-------------------------------------------------------|----------|----------|------------|--------------------|
| Name & Branch                                         | Room No. | Roll No. | Mobile No. | Post               |
| Mr. K. Mahesh, ECE                                    | 121      | 538/11   | 8987604320 | President          |
| Mr. Vaibhav Kumar, CSE                                | 321      | 129/11   | 8987691900 | General Secretary  |
| Mr. Devesh Mukherjee, MME                             | 219      | 178/11   | 8235155212 | Cultural Secretary |
| Mr. Manoj Kumar, MME                                  | 227      | 312/11   | 8298712533 | Sport Secretary    |
| Mr. Rajesh Kumar, PIE                                 | 329      | 550/11   | 8235073540 | Mess Secretary     |

| HEC Members : Nirala Hall of Residence (Hall – B) |          |          |            |                    |
|---------------------------------------------------|----------|----------|------------|--------------------|
| Name & Branch                                     | Room No. | Roll No. | Mobile No. | Post               |
| Mr. Nikhil Kumar Singh, MME                       |          | 593/11   |            | President          |
| Mr. Manish, MME                                   |          | 586/11   |            | General Secretary  |
| Mr. Avinash Singh, EEE                            |          | 50/11    |            | Cultural Secretary |
| Mr. Kumar Gaurabh, ME                             |          | 13/11    |            | Sport Secretary    |
| Mr. Ashu Jain, ECE                                |          | 168/11   |            | Mess Secretary     |

**HEC Members : Bhabha Hall of Residence (Hall – C)**

| Name & Branch               | Room No. | Roll No. | Mobile No. | Post               |
|-----------------------------|----------|----------|------------|--------------------|
| Mr. Abhinav Vatsa, CSE      |          | 12/10    | 9471715496 | President          |
| Mr. Anjani Kumar Singh, EEE |          | 87/10    | 9608007861 | General Secretary  |
| Mr. Sachin Sharma, MME      |          | 575/10   | 9905599220 | Sport Secretary    |
| Mr. Kumar Anand, CE         |          | 238/10   | 8986637934 | Cultural Secretary |
| Mr. Mukesh Kumar, ECE       |          | 279/10   | 9135617240 | Mess Secretary     |

**HEC Members : Rajendra Prasad Hall of Residence (Hall – D)**

| Name & Branch                 | Room No. | Roll No. | Mobile No.  | Post               |
|-------------------------------|----------|----------|-------------|--------------------|
| Mr. Suraj Kumar, CE           |          | 514/10   | 9386666991  | President          |
| Mr. Niraj Singh, ECE          |          | 296/10   | 9709360006  | General Secretary  |
| Mr. Subham Saurabh, MME       |          | 476/10   | 8986805045  | Sport Secretary    |
| Mr. Pravjeet Singh Baotia, ME |          | 352/10   | 80925222668 | Cultural Secretary |
| Mr. Himashu Singh, CE         |          | 206/10   | 7250671818  | Mess Secretary     |

**HEC Members : Vishesvaryia Hall of Residence (Hall – E)**

| Name & Branch              | Room No. | Roll No. | Mobile No. | Post               |
|----------------------------|----------|----------|------------|--------------------|
| Mr. Avinash Ghosh, MME     | 131      | 442/08   |            | President          |
| Mr. Anup Kumar, ME         | 335      | 73/08    |            | General Secretary  |
| Mr. Kalpanu Kihore, ME     | 118      | 165/08   |            | Sport Secretary    |
| Mr. Amit Kumar Nandan, PIE | 203      | 51/08    |            | Cultural Secretary |
| Mr. Ashutosh Mohan, MME    | 219      | 93/08    |            | Mess Secretary     |

**HEC Members : Shivaji Hall of Residence (Hall – F)**

| Name & Branch            | Room No. | Roll No. | Mobile No. | Post               |
|--------------------------|----------|----------|------------|--------------------|
| Mr. Sanjay Kumar Agarwal | 101      |          | 9570012496 | Maint. Secretary   |
| Mr. Avinash Kumar Singh  | 114      |          | 9162447318 | General Secretary  |
| Mr. Sunny Kumar          | 126      |          | 8235106312 | Sport Secretary    |
| Mr. Prasun Anand         | 215      |          | 9006063312 | Cultural Secretary |
| Mr. Arpit Mehrotra       | 106      |          | 8986311365 | Mess Secretary     |

**HEC Members : Subhash Chandra Hall of Residence (Hall – G)**

| Name & Branch         | Room No. | Roll No. | Mobile No. | Post               |
|-----------------------|----------|----------|------------|--------------------|
| Mr. Pawan Kumar Modi  |          |          | 8986607799 | President          |
| Mr. Rahul Sharma      |          |          | 8986897999 | General Secretary  |
| Mr. Abhishek Kumar    |          |          | 9006764530 | Sport Secretary    |
| Mr. Ravi Pratap Singh |          |          |            | Cultural Secretary |
| Mr. Santosh Kumar     |          |          | 7209863353 | Mess Secretary     |

**HEC Members : Abul Kalam Azad Hall of Residence (Hall – H)**

| Name & Branch               | Room No. | Roll No. | Mobile No. | Post               |
|-----------------------------|----------|----------|------------|--------------------|
| Mr. Rahul Kumar, CE         | 301      | 277/08   | 9204426577 | President          |
| Mr. Abhishek Singh, CE      | 312      | 24/08    | 986811360  | General Secretary  |
| Mr. Gaurabh Choudhary, CE   | 315      | 140/08   | 7209995362 | Sport Secretary    |
| Mr. Manprit Singh Arora, CE | 233      | 195/08   | 9031991092 | Cultural Secretary |
| Mr. Neeraj Kumar, CE        | 231      | 215/08   | 9031814853 | Mess Secretary     |

**HEC Members : Swami Vivekananda Hall of Residence (Hall – I)**

| Name & Branch              | Room No. | Roll No. | Mobile No. | Post              |
|----------------------------|----------|----------|------------|-------------------|
| Mr. Asim, ECE              |          |          | 9204199033 | President         |
| Mr. Raj Kumar, CE          |          | 320/09   | 9709275464 | President         |
| Mr. Shivam Aditya, EEE     |          | 398/09   | 9204199033 | General Secretary |
| Mr. Ankit Tyagi, EEE       |          | 90/09    | 9955547935 | General Secretary |
| Mr. Kumar Deoraj Anand, ME |          | 193/09   | 9386919926 | General Secretary |
| Mr. Om Prakash Bharti      |          |          | 9534252669 | General Secretary |
| Mr. Machina Rajesh, EEE    |          |          | 8102417292 | Sport Secretary   |
| Mr. Sanjay Urawn, MME      |          |          | 9279201902 | Sport Secretary   |
| Mr. Tapan Vikash, ECE      |          |          | 8092352126 | Sport Secretary   |
| Mr. Anil Kumar, MCA        |          |          | 9263240157 | Mess Secretary    |
| Mr. Adarsh Gautam, ME      |          |          | 9006932723 | Mess Secretary    |
| Mr. Vijay Sankhlecha       |          |          | 8809911370 | Mess Secretary    |

**HEC Members : Rani Laxmi Bai Hall of Residence (Hall – GH-1)**

| Name & Branch          | Room No. | Roll No. | Mobile No. | Post               |
|------------------------|----------|----------|------------|--------------------|
| Miss Shweta Beher, ECE | 113      | 403/09   | 9570122010 | President          |
| Miss Surabhi, MME      | 216      | 457/09   | 9905452835 | General Secretary  |
| Miss Smita Kujur, ECE  | 112      | 410/09   | 8002332106 | Sport Secretary    |
| Miss Priya Kumari, ECE | 204      | 310/09   | 9122178169 | Cultural Secretary |
| Miss Ruby, CSE         | 212      | 370/09   | 8507430202 | Mess Secretary     |

**HEC Members : Ambedkar Hall of Residence (Hall – GH-2)**

| Name & Branch               | Room No. | Roll No. | Mobile No. | Post               |
|-----------------------------|----------|----------|------------|--------------------|
| Miss Richa Srivasatava, CSE |          | 313/08   | 9308711490 | President          |
| Miss Uma Rao, ECE           |          | 402/08   | 9471551236 | General Secretary  |
| Miss M. Tanuja, EEE         |          | 187/08   | 9199270301 | Sport Secretary    |
| Miss Richa Sinha, ECE       |          | 312/08   | 9031389417 | Cultural Secretary |
| Miss Snehlata Mishra, ECE   |          | 370/08   | 8674848557 | Mess Secretary     |

## DETAILS OF PLINTH AREA OF BUILDINGS IN THE CAMPUS

[illegible]



| Sl. No. | Description of Buildings                                                                       | Unit             | Plinth Area (Sq.Ft.) |
|---------|------------------------------------------------------------------------------------------------|------------------|----------------------|
| 05      | Residential Buildings                                                                          |                  |                      |
|         | Principal Bungalow & Guest House                                                               |                  | 3,498.00             |
|         | Prof. Qrs. (10 Nos) 2050 Sft./Unit                                                             |                  | 20,500.00            |
|         | A. P. Qrs. (18 Nos.) (1800 Sft./Unit)                                                          |                  | 32,400.00            |
|         | A. P. Qrs. New (12 Nos.) 1800 Sft. / Unit                                                      |                  | 21,600.00            |
|         | lect. Qrs. Duplex type 18 nos. (18x1527)                                                       |                  | 27,486.00            |
|         | Lect. Qrs. Singlec Storied (Old D type 18 nos.)<br>18 x (868+48 = 916) 48 sq.ft. for bath room |                  | 16,488.00            |
|         | Lect. Qrs. Single storied (New D – Type)<br>10 Nos. 10 x 905 = 9050 = 00                       |                  | 9,050.00             |
|         | Officer's Qrs. 8 Nos. 8 x (868 + 48) 916 /<br>8 x 916 = 7328 = 00.                             |                  | 7,328.00             |
|         | Lect. Qrt. Flat Type 10 Block (40)<br>40 x 1,184 = 47,360                                      |                  | 47,360.00            |
|         | Class III Staff Qrs. Old 24 Nos. 24 x 660 = 15,840.00 Sift.                                    |                  | 15,840.00            |
|         | Class III Staff Qtrs. 12 Nos x 755 = 9060 Sft.                                                 |                  | 9,060.00             |
|         | Class IV Staff Qrs. 24 nos. 24 x 348 - 8320.00 Sft.                                            |                  | 8320.00              |
|         | Class IV Staff Qrs. Flat type 12 nos. (12 x 514 = 6168)                                        |                  | 6168.00              |
|         | Servant Qtrs. 12 nos. 12 (234 + 112 = 348)<br>348 x 12 = 4176.00                               |                  | 4176.00              |
|         | Guest House GF                                                                                 |                  | 3,203.00             |
|         | Guest House FF                                                                                 |                  | 2,400.00             |
|         | Extension (Approximate)                                                                        |                  | 7,000.00             |
|         | Professor Flat                                                                                 |                  | 10,080.00            |
|         |                                                                                                | <b>Total (E)</b> | 2,51,957.00          |
| 06      | Gymkhana Building                                                                              | <b>Total (F)</b> | 6,000.00             |
| 07      | Maintenance Office                                                                             | <b>Total (G)</b> | 2,261.00             |

**C O N T E N T S**

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**NATIONAL INSTITUTE  
OF TECHNOLOGY  
JAMSHEDPUR  
831 014**



**AUDITED  
ANNUAL ACCOUNT  
FOR THE  
YEAR 2010-2011**

OFFICE OF THE PRICIPAL DIRECTOR OF AUDIT (CENTRAL), LUCKNOW,  
BRANCH OFFICE JHARKHAND, RANCHI, A.G. OFFICE MAIN BUILDING, RANCHI.

No. OAD-C-SAR- NIT /2010-11/ 45

Dated 12/8/12

To,

The Director,

National Institute of Technology, Jamshedpur-831014

**Subject: Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of National Institute of Technology, Jamshedpur for the year ended 31 March 2011**

Sir,

I am to enclose a copy of Audit Report and Audit Certificate along with audited Annual Accounts of NIT, Jamshedpur for the year 2010-11 for information and necessary action.

2. A copy of each of the documents has been sent to the Secretary to the Government of India, Ministry of Human Resource Development, New Delhi for information and necessary action.

3. The audited Annual Accounts, Audit Report should be duly considered and adopted by the Governing Body/Board of Trustees of the NIT, Jamshedpur in the Annual General meeting before these are laid in the House of parliament.

4. A copy of (i) Resolution of Governing Body adopting the Audit Report and Audit Certificate with audited Annual Accounts. (ii) Date of its Presentation before the House of Parliament and, (iii) Annual Report of the Institute may be furnished to this office in due course for our records and onward transmission to the Comptroller and Auditor General of India, New Delhi.

5. The receipt of this letter with enclosures may please be acknowledged.

Yours faithfully,

Encl: - As above

  
Principal Director of Audit (Central), Lucknow

**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of National Institute of Technology, Jamshedpur for the year ended 31 March' 2011**

We have audited the attached Balance Sheet of National Institute of Technology, Jamshedpur (Institute) as on 31 March 2011 and the Income & Expenditure Account/Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 22 (1 to 4) of the National Institutes of Technology Act, 2007. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

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

4. Based on our audit, we report that:

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



- ii. The Balance Sheet and Income & Expenditure Account/Receipts & Payments Account dealt with by this report have been drawn up in the format approved by the Government of India, Ministry of Finance.
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the National Institute of Technology, Jamshedpur as required under Section 22 (1) of the National Institutes of Technology Act, 2007 in so far as it appears from our examination of such books.
- iv. We further report that:

#### **A. Balance Sheet**

##### **1.1 Liabilities**

##### **(I) Overstatement of Current Liability :-Rs 65.76 lakh.**

The Institute had unspent balance of Rs 65.76 lakh including unspent balance of previous year under the head Non-plan which was not shown as refundable to the Ministry as required under uniform format of Account introduced by the Ministry of Finance for Central Autonomous bodies. Non-depiction resulted in understatement of unspent balance refundable to the Ministry and overstatement of excess of income over expenditure by Rs 65.76 lakh

##### **(ii) Current Assets**

##### **Interest Accrued but not due**

Scrutiny of Annual Accounts For the year 2010-11, Investment Register, Short Term Deposit Receipts(STDR) and Current Assets(Schedule-5A-xvii) revealed that the Institute earned Rs 30,52,202 on interest accrued but not due during the year 2010-11. But the same amount was not taken in Current Assets (Interest accrued but not done), This resulted in understatement of Current Assets by Rs 30.52 lakh.

**D. ACCOUNTING POLICIES/ GENERAL****(i) Non-preparation of Accounts in Common Format of Accounts.**

The NIT was required to adopt the new format of accounts prescribed by the Government of India, Ministry of Finance but the Institute had adopted the same partially. The following deficiencies were noticed:

- i. Annual accounts were prepared partly on cash basis and partly on accrual basis instead of complete accounting on accrual basis.
- ii. Retirement benefits were charged only on cash basis and not on accrual basis as per actuarial valuation.
- iii. The Institute did not reconcile general ledger with subsidiary/individual ledger from time to time as such accuracy of figure was not verifiable. The ledgers were not signed by any authority, as such, authenticity of figures was doubtful.

**(ii) G.P.F. Investment: Rs 97.41 lakh**

The Institute did not follow the pattern of investments as prescribed by Ministry of Finance, Government of India Notification dt 14.8.2008 in the case of investment of GPF of staff. The entire amount of GPF was invested in individual Saving Bank Account in State Bank of India, Campus Branch

The Institute noted (April 2012) the audit observation noted for future guidance.

**E. GRANTS- IN- AID**

Out of the grant-in-aid of Rs 4324.65 lakh (unspent balance of Non- Plan grant of previous year Rs 424.24 lakh, Institute income during the year Rs 788.63 lakh , grant received from Government of India during the year: Rs 1500 lakh unspent Plan grant of previous year: Rs 1092.34 lakh and OSC grant of previous year: Rs 519.44 lakh) received during the year: the organization could utilize a sum of Rs 3170.43 lakh ( Non Plan Rs 2647.10 lakh, Plan grant Rs 3.89 lakh and OSC grant Rs 519.44 lakh surrendered to

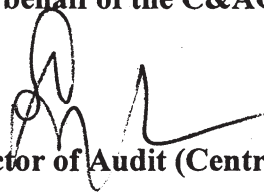
Government of India) and leaving a balance of Rs 1154.22 lakh (Non Plan Rs 65.76 lakh and Plan grant Rs 1088.46 lakh) as unutilized grant as on 31 March'2011.

**(F) MANAGEMENT LETTER**

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, National Institute of Technology, Jamshedpur through a management letter issued separately for remedial/corrective action.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure Account/Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.
- vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:
  - a. In so far as it relates to the Balance Sheet of the state of affairs of the National Institute of Technology, Jamshedpur as on 31 March 2011, and
  - b. In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

**For and on behalf of the C&AG of India**



**Principal Director of Audit (Central), Lucknow.**

**Annexure- I to Audit Report**

**1. Adequacy of Internal Audit System:** No Internal Audit System exists in the Institute.

**2. Adequacy of Internal Control System:**

- i) The Institute has no accounting, internal audit and office procedure manual of its own. Duties of staff/officers of the Institute, procedure for maintaining of accounts/ records and its applications were not defined.
- (ii) No procedure for rotating duties of employees dealing with cash, valuables, stores and stock has been established.
- (iii) Ledger for advances to the contractors/ suppliers was not maintained and, as such adjustment of advances was not properly watched.
- (iv) No Management Reporting System exists in the Institute.
- (v) There is no Investment Committee.
- (vi) Periodical verifications of Cash Balances were not done.
- (vii) No sanction orders were attached with the vouchers and suppliers invoice treated as vouchers.

**(3) Fixed Assets (schedule-4): Rs 7480.87 lakh**

The Institute had not prepared a Schedule of Fixed Assets (Schedule-4) as required under the Common Format of Accounts. The Institute also do not have the Assets Register. Further, depreciation on fixed assets is also not being provided. As a result, neither the Gross Value, written down value of the Assets nor the amount of depreciation could be verified in audit and the amount of fixed assets appearing in the balance sheet could not also be verified in audit.

**(4) System of physical verification of Fixed Assets:** The Institute did not maintain fixed Assets Register nor carried physical verification of Fixed Assets.

The Institute noted (April 2012) the audit observation for future guidance.

**(5) System of Physical verification Inventory:** The Institute did not carry out any physical verification of Stock and Stores.

**(6) Regularities in payment of statutory dues:** The Institute was regular in payment of statutory dues within the stipulated time schedule.

## ANNEXURE - I to Audit Report

1. **Adequacy of Internal Audit System** : No Internal Audit System exists in the Institute.

The Institute noted (April 2010) the audit observation for future guidance.

2. **Adequacy of Internal Control System** :

- (i) The Institute has no accounting, internal audit and office procedure manual of its own. Duties of Staff / Officers of the Institute, procedure for maintaining of accounts / records and its applications were not defined.
- (ii) No procedure for rotating duties of employees dealing with cash, valuables, stores and stock has been established.
- (iii) Ledger for advances to the contractors / suppliers was not maintained and, as such adjustment of advances was not properly watched.
- (iv) No Management Reporting System exists in the Institute.
- (v) There is no Investment Committee in the Institute.
- (vi) No separate bank accounts were opened for Scheme and other grants and interest earned during the year were not credited to Scheme heads.
- (vii) Periodical verifications of Cash Balances were not done.
- (viii) No sanction orders were attached with the vouchers and suppliers invoice treated as vouchers.

3. **System of physical verification of Fixed Assets** : The Institute did not carry out physical verification of Fixed Assets.


4. **System of Physical verification Inventory** : The Institute did not carry out physical verification of Stock and Stores.

**FORM OF FINANCIAL STATEMENT (NON –PROFIT ORGANISATION)**  
**BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2011**

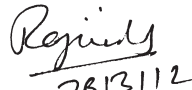
(Amount - Rs.)

| <u>CORPUS/CAPITAL FUND AND LIABILITIES</u>      | Schedule | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|-------------------------------------------------|----------|-----------------------------|------------------------------|
| CORPUS/ CAPITAL FUND                            | 1        | 2,60,31,116.79              | 2,55,03,776.79               |
| GRANTS/LOAN                                     | 2        | 88,48,32,275.92             | 89,77,10,952.92              |
| <b>CURRENT LIABILITIES AND PROVISIONS</b>       |          |                             |                              |
| A. CURRENT LIABILITIES                          | 3        | 45,87,29,153.66             | 48,41,28,493.98              |
| B. PROVISION                                    |          | 4,12,93,696.00              | 3,14,34,128.00               |
| <b>TOTAL</b>                                    |          | <b>1,41,08,86,242.37</b>    | <b>1,43,87,77,351.69</b>     |
| <u><b>ASSET</b></u>                             |          |                             |                              |
| FIXED ASSETS                                    | 4        | 74,80,86,802.49             | 74,78,51,676.09              |
| <u>CURRENT ASSETS, LOAN, ADVANCES ETC.</u>      | 5        | 58,59,17,540.58             | 61,17,43,920.30              |
| A. CURRENT ASSETS                               |          |                             |                              |
| B. LOANS, ADVANCES & OTHER ASSETS               |          | 7,68,81,899.30              | 7,91,81,755.30               |
| <b>TOTAL</b>                                    |          | <b>1,41,08,86,242.37</b>    | <b>1,43,87,77,351.69</b>     |
| SIGNIFICANT ACCOUNTING POLICIES                 | 14       |                             |                              |
| CONTINGENT LIABILITIES AND NOTES<br>ON ACCOUNTS | 15       |                             |                              |

  
Accountant

  
Dy. Registrar (Accounts)


  
Registrar (I/C)

  
28/3/12  
Director

**FORM OF FINANCIAL STATEMENT (NON –PROFIT ORGANISATIONS)****INCOME AND EXPENDITURE ACCOUNT****FOR THE PERIOD / YEAR ENDED - 31-03-2011**

| (A)INCOME                                                    | SCHEDULE | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|--------------------------------------------------------------|----------|-----------------------------|------------------------------|
| <u>Grant/Subsidies</u>                                       |          |                             |                              |
| Non – Plan grant                                             | 6        | 15,00,00,000.00             | 21,49,75,000.00              |
| Fees & subscription                                          | 7        | 6,55,49,344.00              | 3,90,97,592.00               |
| Interest earned                                              | 8        | 96,56,668.00                | 78,35,047.00                 |
| Misc income                                                  | 9        | 36,56,450.00                | 21,54,185.00                 |
| <b>Total(A)</b>                                              |          | <b>22,88,62,462.00</b>      | <b>26,40,61,824.00</b>       |
| <b>(B) Expenditure</b>                                       |          |                             |                              |
| Establishment expenses                                       | 10       | 20,43,64,266.00             | 20,47,69,717.00              |
| Other administrative expenses                                | 11       | 4,30,86,950.00              | 3,16,44,591.00               |
| Expenditure on grants subsidies etc.                         | 12       | 36,00,000.00                | 25,00,000.00                 |
| Add expenditure of march(prov.) over past year               | 13       | 1,36,59,156.00              | 30,35,823.00                 |
| <b>Total(B)</b>                                              |          | <b>26,47,10,372.00</b>      | <b>24,19,50,131.00</b>       |
| Excess of income over expenditure Add Interest for Past year | A-B      | (-) 3,58,47,910.00          | 2,21,11,693.00               |
| transfer to balance sheet                                    |          |                             | <b>2,21,11,693.00</b>        |
| Significant accounting policies                              | 14       |                             |                              |
| Contingent liabilities and Notes on accounts                 | 15       |                             |                              |

  
Accountant

  
Dy. Registrar (Accounts)

  
Registrar (I/C)

  
28/3/12  
Director



**BALANCE SHEET AS ON 31ST MARCH, 2011**

| PARTICULARS                       | SCHEDULE | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|-----------------------------------|----------|-----------------------------|------------------------------|
| <b>Schedule – 1</b>               |          |                             |                              |
| <b><u>Corpus/Capital fund</u></b> | 1        |                             |                              |
| (A) Corpus Fund                   |          | 50,61,255.69                | 50,51,151.69                 |
| (B) Staff Development Fund        |          | 17,61,616.00                | 17,01,340.00                 |
| (C) Maintenance fund              |          | 6,77,184.00                 | 6,54,013.00                  |
| (D) Depreciation fund             |          | 6,77,185.00                 | 6,54,014.00                  |
| (E) Institute Dev. Fund           |          | 1,78,53,876.10              | 1,74,43,258.10               |
| <b>Total</b>                      |          | <b>2,60,31,116.79</b>       | <b>2,55,03,776.79</b>        |


**Schedule – 2**

|                                        |     |                        |                        |
|----------------------------------------|-----|------------------------|------------------------|
| <b><u>CAPITAL AND LIABILITIES:</u></b> |     |                        |                        |
| <b><u>Grants</u></b>                   |     |                        |                        |
| (A) Free hold land                     | 2.1 | 21,13,47,700.00        | 21,13,47,700.00        |
| (B) Plan grant                         |     | 46,04,22,639.40        | 57,21,57,124.50        |
| (C) Govt. Loan                         |     | 48,96,407.00           |                        |
| (D) Refundable to Govt.                |     | 10,53,88,078.10        |                        |
| (E) Scheme grant (-) 5,15,842.00       |     | 6,11,83,042.66         | 7,25,56,469.66         |
| (F) Other project                      |     | 4,14,95,888.28         | 4,15,51,138.28         |
| (G) Research grant                     |     | 98,520.48              | 98,520.48              |
| <b>Total</b>                           |     | <b>88,48,32,275.92</b> | <b>89,77,10,952.92</b> |

**Schedule – 3**

|                                                    |     |                        |                        |
|----------------------------------------------------|-----|------------------------|------------------------|
| <b>(A) Current Liabilities</b>                     |     |                        |                        |
| (a) Interest accrued on govt. loan                 | 3.1 | 7,89,883.50            | 7,89,883.50            |
| (b) Outside scholarship                            |     | 44,72,458.56           | 24,43,779.56           |
| (c) Collection from students & others              |     | 10,52,81,959.28        | 9,78,69,507.28         |
| (d) Sundry deposits                                |     | 6,27,37,414.31         | 6,24,24,590.31         |
| (e) Balance on GPF A/Cs                            |     | 6,40,38,021.00         | 6,57,59,078.00         |
| (f) Balance on CGI A/Cs                            |     | 36,78,165.00           | 36,55,053.00           |
| (g) Balance on outside A/Cs                        |     | 2,63,59,156.10         | 2,40,82,068.42         |
| (h) Balance on TEQIP fund                          |     | 8,02,48,768.00         | 8,01,26,075.00         |
| (i) Excess of Income on –expenditure               |     | 9,24,45,353.91         | 12,82,93,263.91        |
| (j) Interest of TEQIP Fund                         |     | 1,86,77,974.00         | 1,86,85,195.00         |
| <b>Total (A)</b>                                   |     | <b>45,87,29,153.66</b> | <b>48,41,28,493.98</b> |
| <b>(B) Provision</b>                               |     |                        |                        |
| a) Plan fund (As per year) 2,45,98,717.00          |     |                        |                        |
| b) Non -Plan Fund (During the year) 1,66,94,979.00 |     | 4,12,93,696.00         | 3,14,34,128.00         |
| <b>Total (B)</b>                                   |     | <b>4,12,93,696.00</b>  | <b>45,26,94,365.98</b> |

  
Accountant

  
Dy. Registrar (Accounts)

  
Registrar (IC)


  
Director

**FROM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)**  
**BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2011**

(Amount - Rs.)

|                                                    | Current Year (2010-2011) |                        | Previous Year (2009-2010) |                        |
|----------------------------------------------------|--------------------------|------------------------|---------------------------|------------------------|
| <b>SCHEDULE - 4</b>                                |                          |                        |                           |                        |
| A. Freehold land                                   | 21,13,47,700.00          |                        | 21,13,47,700.00           |                        |
| B. Out of plan grant                               | 34,23,49,398.67          |                        | 34,21,14,272.27           |                        |
| C. Out of scheme grant                             | 7,31,02,938.42           |                        | 7,31,02,938.42            |                        |
| D. Out of other project                            | 3,49,06,214.40           |                        | 3,49,06,214.40            |                        |
| E. OSC Grant                                       | 41,14,777.00             | 66,58,21,028.49        | 41,14,777.00              | 66,55,85,902.09        |
| E. Out of TEQIP account                            | 8,01,26,075.00           | 8,01,26,075.00         | 8,01,26,075.00            | 8,01,26,075.00         |
|                                                    |                          |                        |                           |                        |
| <b>F. Outside account</b>                          |                          |                        |                           |                        |
| 1. PTPG account                                    | 1,93,407.60              |                        | 1,93,407.60               |                        |
| 2. TSG account                                     | 1,86,273.00              |                        | 1,86,273.00               |                        |
| 3. Univ. examination account                       | 10,03,702.00             |                        | 10,03,702.00              |                        |
| 4. Non-formal B.Sc. Engg. Account                  | 1,94,477.40              |                        | 1,94,477.40               |                        |
| 5. Short term course account                       | 55,800.00                |                        | 55,800.00                 |                        |
| 6. Short term course containing computer education | 2,41,871.00              |                        | 2,41,871.00               |                        |
| 7. EDC/Mushroom                                    | 2,64,168.00              | 21,39,699.00           | 2,64,168.00               | 21,39,699.00           |
| G. Payable towards fixed assets                    |                          |                        |                           |                        |
| <b>Total</b>                                       |                          | <b>74,80,86,802.49</b> |                           | <b>74,78,51,676.09</b> |

  
Accountant


  
Dy. Registrar (Accounts)

(Amount - Rs.)

|                                      | Current Year (2010-2011) |                        | Previous Year (2009-2010) |                        |
|--------------------------------------|--------------------------|------------------------|---------------------------|------------------------|
| <b>SCHEDULE - 5(A) Current Asset</b> |                          |                        |                           |                        |
| Bank balance with schedule bank      |                          |                        |                           |                        |
| i) On Current account                | 2,00,58,214.18           |                        | (-) 3,29,77,281.82        |                        |
| ii) On Saving account                | 23,33,77,254.56          |                        | 37,34,06,071.96           |                        |
| iii) On debt & deposit account       | 1,45,15,588.25           |                        | 1,38,89,223.25            |                        |
| iv) Non Plan Account                 | 7,83,26,589.39           |                        | 2,01,01,865.39            |                        |
| v) Project Grant                     | 16,53,735.31             |                        | 15,97,151.31              |                        |
| vi) Canara Bank                      | 3,84,96,833.00           |                        | 3,71,77,582.00            |                        |
| vii) On TEQIP account                | 1,22,693.00              |                        | ----                      |                        |
| viii) On outside account             | 2,42,19,457.10           |                        | 2,19,42,369.42            |                        |
| ix) On corpus fund                   | 50,61,255.69             |                        | 50,51,151.69              |                        |
| x) On Institute Dev. fund            | 1,78,53,876.10           |                        | 1,74,43,258.10            |                        |
| xi) On Staff Dev. fund               | 17,61,616.00             |                        | 17,01,340.00              |                        |
| xii) On maintenance fund             | 6,77,184.00              |                        | 6,54,013.00               |                        |
| xiii) On depreciation fund           | 6,77,185.00              |                        | 6,54,014.00               |                        |
| xiv) On GPF account                  | 6,40,38,021.00           |                        | 6,57,59,078.00            |                        |
| xv) On group insurance               | 36,78,165.00             |                        | 36,55,053.00              |                        |
| xvi) On fixed deposit                | 8,13,99,873.00           |                        | 7,78,82,597.00            |                        |
| xvii) Interest accrued but not due   |                          |                        | 38,06,434.00              |                        |
| <b>Total (A)</b>                     |                          | <b>58,59,17,540.58</b> |                           | <b>61,17,43,920.30</b> |

|                                                    |                |                       |                |                       |
|----------------------------------------------------|----------------|-----------------------|----------------|-----------------------|
| <b>5.(B) LOAN ADVANCES &amp; OTHER ASSETS</b>      |                |                       |                |                       |
| <b>I.) Advances :-</b>                             |                |                       |                |                       |
| a.) out of Plan fund                               | 5,33,33,988.79 |                       | 5,33,45,934.79 |                       |
| b.) Out of Non – Plan fund                         | 2,34,15,615.52 |                       | 2,57,03,525.52 |                       |
| II. Claims receivable from Non-Plan revenue        |                |                       |                |                       |
| Interest on loan due<br>7,89,883.50                |                |                       |                |                       |
| Less Revenue earned up to<br>1983—1984 6,57,588.51 | 1,32,294.99    |                       | 1,32,294.99    |                       |
| <b>Total (B)</b>                                   |                | <b>7,68,81,899.30</b> |                | <b>7,91,81,755.30</b> |

  
Accountant

  
Dy. Registrar (Accounts)

## INCOME

| SCHEDULE - 6                               | Current Year (2010-2011) |  | Previous Year (2009-2010) |  |
|--------------------------------------------|--------------------------|--|---------------------------|--|
| <b>Grant Received from Govt . of India</b> |                          |  |                           |  |
| a) Non—Plan grant (Recurring)              | 15,00,00,000.00          |  | 21,49,75,000.00           |  |
| b) Plan                                    |                          |  | 2,00,00,000.00            |  |
| c) O.S.C.Plan Grant (Non- Recurring)       |                          |  |                           |  |
| d) Non-Plan (Recurring)                    |                          |  |                           |  |
| <b>Total</b>                               | <b>15,00,00,000.00</b>   |  | <b>23,49,75,000.00</b>    |  |

## SCHEDULE – 7

|                                |                |                |                |                |
|--------------------------------|----------------|----------------|----------------|----------------|
| <b>Fees &amp; subscription</b> |                |                |                |                |
| Admission fee                  | 6,10,600.00    |                | 1,19,400.00    |                |
| Tuition fee                    | 5,10,34,800.00 |                | 2,85,79,450.00 |                |
| Seat rent                      | 27,76,500.00   |                | 19,04,000.00   |                |
| Medical Aid                    | 3,30,945.00    |                | 3,60,457.00    |                |
| Electricity                    | 27,76,500.00   |                | 19,04,000.00   |                |
| Water                          | 16,87,080.00   |                | 12,37,600.00   |                |
| Vehicle                        | 76,899.00      |                | 11,93,720.00   |                |
| Syllabus etc.                  | 4,23,380.00    |                | 4,00,425.00    |                |
| Practical Charge               | 3,88,300.00    |                | 1,47,600.00    |                |
| Registration fee               | 25,30,600.00   |                | 2,90,700.00    |                |
| Examination fee                | 4,32,300.00    |                | 18,75,345.00   |                |
| Grade card                     | 6,74,675.00    |                | 3,80,800.00    |                |
| Library charge                 | 56,940.00      |                | 4,86,175.00    |                |
| Convocation                    |                | 6,54,86,599.00 | 2,17,920.00    | 3,90,97,592.00 |

## SCHEDULE – 8

|                          |              |              |              |              |
|--------------------------|--------------|--------------|--------------|--------------|
| <b>Interest earned</b>   |              |              |              |              |
| Interest on S.B.A/c      | 86,30,365.00 |              | 50,76,231.00 |              |
| Interest on Non-Plan A/C | 10,26,303.00 | 96,56,668.00 | 27,58,816.00 | 78,35,047.00 |

## SCHEDULE – 9

|                                                 |              |              |             |              |
|-------------------------------------------------|--------------|--------------|-------------|--------------|
| <b>Other misc income</b>                        |              |              |             |              |
| House rent Institute building                   | 67,687.00    |              | 39,700.00   |              |
| Income from Guest House                         |              |              | 5,000.00    |              |
| Bank Commission                                 | 425.00       |              | 504.00      |              |
| Revenue – Staff quarters                        | 1,55,963.00  |              | 1,90,955.00 |              |
| Elec.charge staff qtrs                          | 3,78,157.00  |              | 3,59,186.00 |              |
| Water Ch. Staff Qtrs                            | 1,01,791.00  |              | 1,10,327.00 |              |
| Miscellaneous receipts                          | 23,755.00    |              | 1,38,314.00 |              |
| Recovery of Bonus, Hill area from the employees | 28,988.00    |              | 26,520.00   |              |
| Sale of Tender form                             |              |              | 3,000.00    |              |
| Processing Charge                               | 15,04,307.00 |              | 3,84,730.00 |              |
| Sale of application form                        | 1,30,000.00  |              | 56,381.00   |              |
| Fine                                            | 5,13,996.00  |              | 2,20,611.00 |              |
| C.C.P.F. Contribution                           | 7,15,481.00  |              | 6,17,477.00 |              |
| T.C, CLC etc.                                   | 35,900.00    | 36,56,450.00 | 1,400.00    | 21,54,185.00 |

*H. K. Jain*  
Accountant

*A. B. Bhat*  
Dy. Registrar (Accounts)

## EXPENDITURE

| SCHEDULE - 10                                        | Current Year (2010-2011) |                 | Previous Year (2009-2010) |                 |
|------------------------------------------------------|--------------------------|-----------------|---------------------------|-----------------|
| <b>ESTABLISHMENT EXPENSES</b>                        |                          |                 |                           |                 |
| Pay and Allowances, Bonus, TA,                       | 14,62,19,784.00          |                 | 15,16,18,952.00           |                 |
| Retirement Benefits (Pension Gratuity) & Leave ..... | 5,40,78,542.00           |                 | 4,89,91,707.00            |                 |
| Heath facilities                                     | 40,65,940.00             | 20,43,64,266.00 | 41,59,058.00              | 20,47,69,717.00 |

**SCHEDULE - 11**

|                                |                |                |                |                |
|--------------------------------|----------------|----------------|----------------|----------------|
| <b>ADMINISTRATIVE EXPENSES</b> |                |                |                |                |
| Scholarship & fellowship       | 34,16,666.00   |                | 41,40,433.00   |                |
| Departmental Operating cost    | 16,83,122.00   |                | 16,01,757.00   |                |
| Water and Electricity          | 1,48,67,571.00 |                | 1,34,22,122.00 |                |
| House Keeping and Maintenance  | 1,32,99,376.00 |                | 53,27,700.00   |                |
| Transport Service              | 4,73,325.00    |                | 8,31,561.00    |                |
| Convocation                    |                |                | 11,70,721.00   |                |
| Other Misc expenses            | 93,46,890.00   | 4,30,86,950.00 | 51,50,647.00   | 3,16,44,941.00 |


**SCHEDULE - 12**

|                                            |              |              |              |              |
|--------------------------------------------|--------------|--------------|--------------|--------------|
| <b>EXPENDITURE ON GRANTS<br/>SUBSIDIES</b> |              |              |              |              |
| Hall subsidy                               | 36,00,000.00 | 36,00,000.00 | 25,00,000.00 | 25,00,000.00 |

**SCHEDULE - 13 (A)**

|                          |                |                |                |              |
|--------------------------|----------------|----------------|----------------|--------------|
| Provision                | 1,66,94,979.00 |                | 3,14,34,128.00 |              |
| Less last year provision | 30,35,823.00   | 1,36,59,156.00 | 2,83,98,305.00 | 30,35,823.00 |


  
Accountant

  
Dy. Registrar (Accounts)

## SCHEDULE – 3 (B)

| LIABILITIES & PROVISION<br>(Non - Plan Grant) | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|-----------------------------------------------|-----------------------------|------------------------------|
| 1. Salary for March (Faculty)                 | 66,69,869.00                | 70,97,656.00                 |
| 2. Salary for March (Non-Faculty)             | 38,66,739.00                | 1,20,35,656.00               |
| 3. Arrear D.A for Jan,07 to March,07          |                             | -----                        |
| 4. Gratuity (two nos.)                        | 8,65,995.00                 | 29,29,397.00                 |
| 5. Pension & Pension Commutation for March    | 30,87,355.00                | 53,78,784.00                 |
| 6. Leave encashment                           | 3,29,816.00                 | 11,06,278.00                 |
| 5. Electricity for March 07                   | 12,35,583.00                | 11,44,468.00                 |
| 6. Water Charge                               | 85,942.00                   | 85,909.00                    |
| 7. Medical expenses – TMH Bill                | 3,39,228.00                 | 3,72,306.00                  |
| 8. House keeping (electrical maint)           |                             | -----                        |
| 9. House keeping (civil maint)                |                             | 2,96,297.00                  |
| 10 Remuneration to contract staff             |                             | 73,607.00                    |
| 11. Telephone                                 |                             | 22,170.00                    |
| 12. A.M.C                                     |                             | 5,63,600.00                  |
| 13. Stationery & printing                     |                             | -----                        |
| 14. Advertisement                             |                             | -----                        |
| 15. PG Stipend                                | 2,14,452.00                 | 3,28,000.00                  |
| <b>TOTAL</b>                                  | <b>1,66,94,979.00</b>       | <b>3,14,34,128.00</b>        |
| Less provision of 2009 -2010                  | 30,35,823.00                | 2,83,98,305.00               |
| Addition during the year 2010 -2011           | 1,36,59,156.00              | -----                        |

  
Accountant

  
Dy. Registrar (Accounts)

**SCHEDULE - 2.1:****CAPITAL GRANTS / LOAN**


| Sl.No. | Particulars                  | Current Year<br>2010-2011 | up to<br>2009-2010     | Total up to<br>2010-2011 |
|--------|------------------------------|---------------------------|------------------------|--------------------------|
| (A)    | <b>Donated by Government</b> |                           |                        |                          |
|        | Land                         |                           | 21,13,47,700.00        | 21,13,47,700.00          |
|        | <b>Total (A)</b>             |                           | <b>21,13,47,700.00</b> | <b>21,13,47,700.00</b>   |


**Plan Grant (B)**

| Sl.No. | Particulars                                       | Current Year<br>2010-2011 | up to<br>2009-2010     | Total up to<br>2010-2011 |
|--------|---------------------------------------------------|---------------------------|------------------------|--------------------------|
| 1      | Institutional Building                            | NIL                       | 6,62,18,210.00         | 5,74,83,636.00           |
| 2.     | Staff. Qr. and Guest House                        | NIL                       | 5,74,83,636.00         | 6,62,18,210.00           |
| 3      | Boys Hostel                                       | NIL                       | 41,79,285.00           | 41,79,285.00             |
| 4      | Girls & Boys Hostel                               | NIL                       | 6,86,02,000.00         | 6,86,02,000.00           |
| 5      | Hostel Furniture                                  | NIL                       | 9,00,000.00            | 9,00,000.00              |
| 6      | Computation Automation                            | NIL                       | 1,45,81,000.00         | 1,45,81,000.00           |
| 7      | Canteen and Dispensary                            | NIL                       | 54,98,729.00           | 54,98,729.00             |
| 8      | Play Ground                                       | NIL                       | 70,000.00              | 70,000.00                |
| 9      | Water Cooler                                      | NIL                       | 1,90,000.00            | 1,90,000.00              |
| 10     | Equipment, Furniture and Library Books            | NIL                       | 31,50,000.00           | 31,50,000.00             |
| 11     | Equipment for Office/Physics/Chemistry Department | NIL                       | 94,29,671.60           | 94,29,671.60             |
| 12     | Internal Telephone System                         | NIL                       | 41,36,420.40           | 41,36,420.40             |
| 13     | General Furniture                                 | NIL                       | 92,57,000.00           | 92,57,000.00             |
| 14     | Library Books                                     | NIL                       | 66,75,000.00           | 66,75,000.00             |
| 15     | Dev. of Land, Electrical over head Line           | NIL                       | 48,62,763.00           | 48,62,763.00             |
| 16     | Computers                                         | NIL                       | 75,000.00              | 75,000.00                |
| 17     | Student and Staff Amenities                       | NIL                       | 4,12,000.00            | 4,12,000.00              |
| 18     | Purchase of Vehicle (Govt. of India)              | NIL                       | 49,55,240.50           | 49,55,240.50             |
| 19     | Vehicle (Govt. of Bihar)                          | NIL                       | 3,79,998.09            | 3,79,998.09              |
| 20     | Post Graduate Course                              | NIL                       | 20,15,066.51           | 20,15,066.51             |
| 21     | Recurring Grant Converted to non-recurring        | NIL                       | 2,34,19,113.47         | 2,34,19,113.47           |
| 22     | Books Almirah from Govt of Bihar                  | NIL                       | -----                  | -----                    |
|        | a) Books                                          | NIL                       | 107,40,080.93          | 107,40,080.93            |
|        | b) Almirah                                        | NIL                       | 1,30,760.00            | 1,30,760.00              |
| 23     | Maintenance of Plan Scheme                        | NIL                       | 56,16,742.00           | 56,16,742.00             |
| 24     | Research and Development                          | (-) 13,00,000.00          | 13,00,000.00           | NIL                      |
| 25     | Special Grant for SC/ST                           | NIL                       | 50,000.00              | 50,000.00                |
| 26     | M.C.A                                             | NIL                       | 5,00,000.00            | 5,00,000.00              |
| 27     | Adventure Club                                    | NIL                       | 46,000.00              | 46,000.00                |
| 28     | Equipment Grant Unesco & UNDP                     | NIL                       | 17,10,000.00           | 17,10,000.00             |
|        |                                                   | <b>(-) 13,00,000.00</b>   | <b>30,65,83,716.50</b> | <b>30,52,83,716.50</b>   |



| Sl.No. | Particulars                                                              | Current Year<br>2010-2011 | up to<br>2009-2010 | Total up to<br>2010-2011 |
|--------|--------------------------------------------------------------------------|---------------------------|--------------------|--------------------------|
|        |                                                                          | (-) 13,00,000.00          | 30,65,83,716.50    | 30,52,83,716.50          |
| 29     | Civil & Allied Structure for 33KVA sub Station                           |                           | 54,73,000=00       | 54,73,000=00             |
| 30     | Civil & PHE Remodeling of Hostel                                         |                           | 285,42,462=00      | 285,42,462=00            |
| 31     | Construction of 1 <sup>st</sup> floor of Computer Centre                 |                           | 1,29,70,000=00     | 1,29,70,000=00           |
| 32     | Construction of 3 <sup>rd</sup> floor of Administrative Building         |                           | 25,75,000=00       | 25,75,000=00             |
| 33     | Construction of Boundary wall around Academic Complex                    |                           | 43,89,000=00       | 43,89,000=00             |
| 34     | Construction of new Staff Quarters                                       |                           | 1,10,00,000=00     | 1,10,00,000=00           |
| 35     | Construction of Asphalt Road                                             |                           | 1,51,19,000=00     | 1,51,19,000=00           |
| 36     | Remodeling of Guest House                                                |                           | 55,00,000=00       | 55,00,000=00             |
| 37     | Boundary Wall Entire Campus                                              |                           | 1,00,00,000=00     | 1,00,00,000=00           |
| 38     | 11KVA Distribution System                                                |                           | 40,00,000=00       | 40,00,000=00             |
| 39     | Modernization of Class Room                                              |                           | 1,72,05,000.00     | 1,72,05,000.00           |
| 40     | Library Books                                                            |                           | 50,00,000=00       | 50,00,000=00             |
| 41     | Internet & other Communication Facilities                                |                           | 1,70,00,000=00     | 1,70,00,000=00           |
| 42     | Infrastructure Development                                               |                           | 1,15,98,000=00     | 1,15,98,000=00           |
| 43     | Video on Demand                                                          |                           | 80,00,000=00       | 80,00,000=00             |
| 44     | Space for Utility Area in Hostel for STD/ISD                             |                           | 9,89,000=00        | 9,89,000=00              |
| 45     | Construction and Development of Play Ground                              |                           | 10,50,000=00       | 10,50,000=00             |
| 46     | Modernization of Existing Cooking/Kitchen Facilities                     |                           | 10,00,000=00       | 10,00,000=00             |
| 47     | Provision for Air Conditioning & Stand by Generator for Library Building |                           | 30,00,000=00       | 30,00,000=00             |
| 48     | Purchase of D.G. set.                                                    |                           | 30,00,000=00       | 30,00,000=00             |
| 49     | Furniture for New Boys Hosted                                            |                           | 70,51,000=00       | 70,51,000.00             |
| 50     | Campus Greenery                                                          |                           | 12,64,698=00       | 12,64,698=00             |
| 51     | Renovation of Electrical Wiring Administration Building                  |                           | 37,37,511=00       | 37,37,511=00             |
| 52     | Electrical Renovation of Old Quarters                                    |                           | 40,56,209=00       | 40,56,209=00             |
| 53     | Whole Campus Renovation                                                  |                           | 1,00,03,528.00     | 1,00,03,528.00           |
| 54     | NIT Transit House                                                        | (-) 1,50,000.00           | NIL                | (-) 1,50,000.00          |
| 55     | Construction of Campus road                                              |                           | 20,00,000=00       | 20,00,000=00             |
| 56     | Deep boring & improvement of water supply                                |                           | 10,00,000=00       | 10,00,000=00             |
| 57     | Under-ground cabling                                                     |                           | 50,00,000=00       | 50,00,000=00             |
| 58     | <b>O.S.C Grant</b>                                                       |                           |                    |                          |
|        | a) Plan (Non- Recurring)                                                 |                           | 6,06,75,000=00     | 6,06,75,000=00           |
|        | b) Non - Plan (Recurring)                                                |                           | 33,75,000=00       | 33,75,000=00             |
| TOTAL  |                                                                          | (-) 14,50,000.00          | 57,21,57,124.50    | 57,07,07,124.50          |


  
Accountant

  
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## C : SCHEME GRANTS

| Sl.No. | Particulars                                                            | Current Year<br>2010-2011 | up to<br>2009-2010    | Total up to<br>2010-2011 |
|--------|------------------------------------------------------------------------|---------------------------|-----------------------|--------------------------|
| 1.     | Modernization of Laboratories                                          | (-) 17,00,000.00          | 2,86,16,862.00        | 2,86,16,862.00           |
| 2.     | Net Work Scheme                                                        |                           | 69,79,760.00          | 69,79,760.00             |
| 3.     | Area of Excellence                                                     |                           | 4,14,000.00           | 4,14,000.00              |
| 4.     | Area of Weakness                                                       |                           | 1,43,33,422.89        | 1,43,33,422.89           |
| 5.     | Emerging Technology                                                    |                           | 48,50,000.00          | 48,50,000.00             |
| 6.     | A I C T E                                                              | (-)22,96,285.00           | 30,77,581.50          | 7,81,296.50              |
| 7.     | Programme for New/Improve Technology                                   |                           | 53,64,381.54          | 53,64,381.54             |
| 8.     | Instrumentation Cell                                                   |                           | 1,75,000.00           | 1,75,000.00              |
| 9.     | Research Centre on Piezo Electro. Composite materials                  |                           | 10,00,000.00          | 10,00,000.00             |
| 10.    | I. I. I. Cell                                                          |                           | 3,62,000.00           | 3,62,000.00              |
| 11.    | UNESE                                                                  |                           | 6,319.73              | 6,319.73                 |
| 12.    | Modernization of Concrete Laboratory                                   | (-) 14,00,000.00          | 14,00,000.00          | —                        |
| 13.    | Modernization of Computer Centre                                       | (-) 10,00,000.00          | 10,00,000.00          | —                        |
| 14.    | E.M.D. Scheme for 2002-2003                                            | (-) 8,00,000.00           | 8,00,000.00           | —                        |
| 15.    | Modernization of Internet Facilities                                   | (-) 10,00,000.00          | 10,00,000.00          | —                        |
| 16.    | Study on Timber seasoning (M. K. Paswan)                               | (-) 11,91,260.00          | 11,91,260.00          | —                        |
| 17.    | Establishing Centre for mobile computing<br>(Sanjay Kumar)             | (-) 9,85,882.00           | 9,85,882.00           | —                        |
| 18.    | Modernisation of Power Electronics & Drives Lab.<br>(Mrs. Madhu Singh) | (-) 10,00,000.00          | 10,00,000.00          | —                        |
|        | <b>Total = (C)</b>                                                     | <b>(-) 1,13,73,427.00</b> | <b>7,25,56,469.66</b> | <b>6,11,83,042.66</b>    |

  
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## D : OTHER SCHEME

| Sl.No.     | Particulars                                                  | Current Year<br>2010-2011 | up to<br>2009-2010 | Total up to<br>2010-2011 |
|------------|--------------------------------------------------------------|---------------------------|--------------------|--------------------------|
| 1          | Center of Excellence<br>Less Recurring Exp.                  | —                         | 3,90,23,312.50     | 3,90,23,312.50           |
| 2.         | TEQIP Grant<br>Less Refund                                   | —                         | —                  | —                        |
| 3.         | Geology Project                                              | (-) 8,96,000.00           | 9,43,224.78        | 47,224.78                |
| 4.         | V.L.S.I                                                      | 6,25,000.00               | 9,98,638.00        | 16,23,638.00             |
| 5.         | TGAS Scheme                                                  | 2,25,000.00               | —                  | 2,25,000.00              |
| 6.         | SERC (DST) Project 5,85,963.00<br>Less Rec. Exp (-) 9,250.00 | (-) 9,250.00              | 5,85,963.00        | 5,76,713.00              |
| Total= (D) |                                                              |                           | 4,15,51,138.28     | 4,14,95,888.00           |

## E: RESEARCH ACCOUNT

| Particulars                                 |  |                 |                |
|---------------------------------------------|--|-----------------|----------------|
| Closing balance as per last year<br>account |  | 98,520.48       | 98,520.48      |
| Total ( E )                                 |  | 98,520.48       | 98,520.48      |
| Total (A+B+C+D+E)                           |  | 89,77,10,952.02 | 4,15,94,408.76 |

  
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Dy. Registrar (Accounts)

SCHEDULE – 3.1

|                                               |             |             |
|-----------------------------------------------|-------------|-------------|
| 3(a) Interest accrued on govt.loan upto 83-84 | 7,89,883.50 | 7,89,883.50 |
|-----------------------------------------------|-------------|-------------|

SCHEDULE – 3 (b): OUTSIDE SCHOLARSHIP

| Particulars                       | Amount       | Amount       |
|-----------------------------------|--------------|--------------|
| Balance as per last year Account  | 24,43,779.56 |              |
| Receipt during the year 2010 - 11 | 75,19,162.00 |              |
|                                   | 99,62,941.56 |              |
| Less expenses during 2010 - 11    | 54,90,483.00 |              |
| Closing Balance as on 31-03-2011  |              | 44,72,458.56 |

SCHEDULE – 3 (c): STUDENTS FUND AND OTHERS

|                                           |                |                        |
|-------------------------------------------|----------------|------------------------|
| <b>i) HALL ACCOUNT</b>                    |                |                        |
| Balance as per last year account          | 73,80,594.20   |                        |
| Receipt during 2010 - 11                  | 38,06,450.00   |                        |
|                                           | 1,11,87,044.20 |                        |
| Less expenses during 2010 - 11            | 27,30,327.00   |                        |
| Closing Balance as on 31-03-2011          |                | 84,56,717.20           |
| <b>ii) GYMKHANA ACCOUNT / SAS ACCOUNT</b> |                |                        |
| Balance as per last year account          | 63,17,968.25   |                        |
| Receipt during 2010 - 11                  | 19,22,640.00   |                        |
|                                           | 82,40,608.25   |                        |
| Less expenses during 2010 - 11            | 17,99,541.00   |                        |
| Closing balance on 31.03.2011             |                | 64,41,067.25           |
| <b>iii) INSTITUTE DEVELOPMENT ACCOUNT</b> |                |                        |
| Balance as per last year account          | 2,93,85,683.39 |                        |
| Receipt during 2010 - 11                  | 43,12,325.00   |                        |
|                                           | 3,36,98,008.39 |                        |
| Less expenses during 2010 - 11            | 2,09,266.00    |                        |
| Closing balance on 31.03.2011             |                | 3,34,88,742.39         |
| <b>iv) INTEREST ON UNSPENT BALANCE</b>    |                |                        |
| Balance as per last year account          | 5,47,85,261.44 |                        |
| Receipt during 2010 - 11                  | 53,89,776.00   |                        |
|                                           | 6,01,75,037.44 |                        |
| Less Expenses during 2010 - 11            | 32,72,259.00   |                        |
| Closing Balance on 31-03-2011             |                | 5,69,02,778.44         |
| <b>Total = (i to iv)</b>                  |                | <b>10,52,89,305.28</b> |

*H. K. Singh*  
Accountant

*A. B. Singh*  
Dy. Registrar (Accounts)

**SCHEDULE – 3 (d) : Sundry Deposits (Debt & Deposit)**

| Particulars                        | Amount                | Amount                |
|------------------------------------|-----------------------|-----------------------|
| <b>i) CAUTION MONEY</b>            |                       |                       |
| As per last year account           | 1,12,86,296.00        |                       |
| Receipts during 2010-11            | 35,35,000.00          |                       |
| Less Payments during 2010 - 11     | <b>1,48,21,296.00</b> |                       |
| Closing balance on 31.03.2011      | 12,12,500.00          | <b>1,36,08,796.00</b> |
| <b>ii) GROUP INSURANCE</b>         |                       |                       |
| As per last year account           | 49,268.46             |                       |
| Receipts during 2010-11            | 3,92,818.00           |                       |
| Less Payments during 2010-11       | <b>4,42,086.46</b>    |                       |
| Closing balance on 31.03.2011      | 3,95,395.00           | <b>46,691.46</b>      |
| <b>iii) TRAINING AND PALCEMENT</b> |                       |                       |
| As per last year account           | 79,14,059.40          |                       |
| Receipts during 2010-11            | 19,51,900.00          |                       |
| Less Payments during 2010-11       | <b>98,65,959.40</b>   |                       |
| Closing balance on 31.03.2011      | 2,09,291.00           | <b>96,56,668.40</b>   |
| <b>iv) COMPUTER MAINTENANCE</b>    |                       |                       |
| As per last year account           | 50,07,972.00          |                       |
| Receipts during 2010-11            | 13,94,500.00          |                       |
| Less Payments during 2010-11       | <b>64,02,472.00</b>   |                       |
| Closing balance on 31.03.2011      | 250.00                | <b>64,02,222.00</b>   |
| <b>v) TESTING AND CONSULTANCY</b>  |                       |                       |
| As per last year account           | 9,11,977.02           |                       |
| Receipts during 2010-11            | 18,44,612.00          |                       |
| Less Payments during 2010-11       | <b>27,56,589.02</b>   |                       |
| Closing balance on 31.03.2011      | 14,48,895.00          | <b>13,07,694.02</b>   |
| <b>vi) OTHER DEPOSIT</b>           |                       |                       |
| As per last year account           | 3,18,13,951.99        |                       |
| Receipts during 2010-11            | 3,52,38,921.00        |                       |
| Less Payments during 2010-11       | <b>6,70,52,872.99</b> |                       |
| Closing balance on 31.03.2011      | 4,38,25,612.00        | <b>3,32,27,260.99</b> |
|                                    |                       | <b>5,42,49,332.87</b> |


*(Continued)*

| Particulars                                                                                                                                           | B/F                                                  | 5,42,49,332.87           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------|
| vii) <b>CONVOCATION-06.</b><br>As per last Account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing Balance as on 31-03-2011       | <br>4,29,370.00<br>—<br>4,29,370.00<br>—             | <br><br><br>4,29,370=00  |
| viii) <b>ALUMNI ACCOUNT</b><br>As per last Account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31-03-2010       | <br>16,99,669.44<br>4,53,800.00<br>21,53,469.44<br>— | <br><br><br>21,53,469.44 |
| ix) <b>EARTH QUAKE</b><br>As per last Account<br>Receipt during 2010-11<br>Less payment during 2009-10<br>Closing balance as on 31-03-2011            | <br>52,066.00<br>—<br>52,066.00<br>—                 | <br><br><br>52,066.00    |
| x) <b>SERVICE TAX</b><br>As per last Account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31.03.2011             | <br>5,62,794.00<br>1,78,769.00<br>7,41,563.00<br>—   | <br><br><br>7,41,563.00  |
| xi) <b>R.T.I.</b><br>As per last account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31-03-11                   | <br>2,013.00<br>988.00<br>3,001.00<br>—              | <br><br><br>3,001.00     |
| xii) <b>JREDA</b><br>As per last Account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31-03-2011                 | <br>6,46,624.00<br>—<br>6,46,624.00<br>—             | <br><br><br>6,46,624.00  |
| xiii) <b>NRRDA</b><br>Ministry of Rural Dev. As last A/c<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31-03-2011 | <br>60,000.00<br>—<br>60,000.00<br>—                 | <br><br><br>60,000.00    |
| xiv) <b>STAFF DEV.FUND</b><br>As per last account<br>Receipt during 2010-11<br>Less payment during 2010-11<br>Closing balance as on 31.03.2011        | <br>3,96,221.00<br>3,67,477.00<br>7,63,698.00<br>—   | <br><br><br>7,63,698.00  |
| <b>TOTAL (i to xiv)</b>                                                                                                                               |                                                      | <b>5,90,99,124.31</b>    |

| Particulars                    | B/F          | 5,90,99,124.31        |
|--------------------------------|--------------|-----------------------|
| <b>xv) DEPRECIATION FUND</b>   |              |                       |
| As per last account            | 1,98,109.00  |                       |
| Receipt during 2010-11         | 1,76,771.00  |                       |
| Less payment during 2010-11    | 3,74,880.00  |                       |
| Closing balance as on 31.03.11 | —            | 3,74,880.00           |
| <b>xvi) MAINTENANCE FUND</b>   |              |                       |
| As per last Account            | 1,98,108.00  |                       |
| Receipt during 2010-11         | 1,76,771.00  |                       |
| Less Payment during 2010-11    | 3,74,879.00  |                       |
| Closing balance as on 31-03-11 | —            | 3,74,879.00           |
| <b>xvii) N.S.S.</b>            |              |                       |
| As per last Account            | 3,601.00     |                       |
| Receipt during 2010-11         | —            |                       |
| Less payment during 2010-11    | 3,601.00     |                       |
| Closing balance as on 31-03-11 | —            | 3,601.00              |
| <b>xviii) NIMCET</b>           |              |                       |
| As per last Account            | 1,12,110.00  |                       |
| Receipt during 2010-11         | —            |                       |
| Less payment during 2010-11    | 1,12,110.00  |                       |
| Closing balance as on 31-03-11 | —            | 1,12,110.00           |
| <b>xix DASA</b>                |              |                       |
| As per last Account            | 10,80,380.00 |                       |
| Receipt during 2010-11         | 16,92,440.00 |                       |
| Less payment during 2010-11    | 27,72,820.00 |                       |
| Closing balance as on 31-03-11 | —            | 27,72,820.00          |
| <b>TOTAL (i to xix)</b>        |              | <b>6,27,37,414.31</b> |

| Particulars                    | Amount         | Amount                |
|--------------------------------|----------------|-----------------------|
| <b>INTEREST OF TEQIP FUND</b>  |                |                       |
| As per last year               | 1,86,85,695.00 |                       |
| Add during the year            | —              |                       |
| Less payment during 2010-11    | 1,86,85,695.00 |                       |
| Closing balance as on 31-03-11 | 7,721.00       | 1,86,77,974.00        |
| <b>TOTAL</b>                   |                | <b>1,86,77,974.00</b> |

  
Accountant

  
Dy. Registrar (Accounts)



**SCHEDULE – 3 (G) – OUTSIDE ACCOUNT**

| Name of the A/C                                       | Liability             | Asset               | Closing balance       |
|-------------------------------------------------------|-----------------------|---------------------|-----------------------|
| 1. PTPG account closed and Balance transferred to C.E | 86,70,466.89          | 1,93,407.60         | 84,77,059.29          |
| 2. TSG account closed and Balance transferred to SAS  | 7,68,874.00           | 1,86,273.00         | 5,82,601.00           |
| 3. Univ. examination account                          | 57,77,520.66          | 10,03,702.00        | 47,73,818.66          |
| 4. Non-formal B.Sc. Engg. Account                     | 97,25,405.26          | 1,94,477.40         | 95,30,927.86          |
| 5. Short term course account                          | 1,48,851.00           | 55,800.00           | 93,051.00             |
| 6. Short term course containing computer education    | 3,52,291.68           | 2,41,871.00         | 1,10,420.68           |
| 7. EDC/Mushroom                                       | 4,26,709.61           | 2,64,168.00         | 1,62,541.61           |
| Prabah A/c closed and Balance transferred to OSAS A/c | 3,83,606.00           | —                   | 3,83,606.00           |
| N.S.S                                                 | 1,05,431.00           | —                   | 1,05,431.00           |
| <b>Total</b>                                          | <b>2,63,59,156.10</b> | <b>21,39,699.00</b> | <b>2,42,19,457.10</b> |


**SCHEDULE –3 (H)**

|               |                |                |             |
|---------------|----------------|----------------|-------------|
| TEQIP Account | 8,02,48,768.00 | 8,01,26,075.00 | 1,22,693.00 |
|---------------|----------------|----------------|-------------|

**SCHEDULE –3 (I) Excess of Income over expenditure**

| Particulars         |                    | Total                 |
|---------------------|--------------------|-----------------------|
| As per Last Account | 12,82,93,263.91    |                       |
| Add During 2009 -10 | (-) 3,58,47,910.00 | <b>9,24,45,353.91</b> |

  
Accountant

  
Dy. Registrar (Accounts)

**SCHEDULE – 4.1 : Freehold Land**

| S.No. | Head of Accounts                                       | Assets as per 2010-2011 | Assets Up to 2009-2010 | Total Assets up-to 2010-2011 |
|-------|--------------------------------------------------------|-------------------------|------------------------|------------------------------|
| 1.    | Freehold Land                                          |                         | 21,13,47,700.00        | 21,13,47,700.00              |
| 2.    | <b>Instructional Building (Out of Grants)</b>          |                         |                        |                              |
|       | Instructional Building 5,72,31,636.53                  |                         |                        |                              |
|       | 3rd Floor AD Building 3,18,753.00                      |                         |                        |                              |
|       | 1st Floor Computer Centre 99,20,225.00                 | 61,215.00               | 6,74,70,614.53         | 6,75,31,829.53               |
| 3.    | <b>Staff Quarters &amp; Guest House</b>                |                         |                        |                              |
|       | Staff Quarters & Guest House 5,67,74,381.40            |                         |                        |                              |
|       | Remodeling of Guest House 13,75,541.00                 |                         |                        |                              |
|       | S. R. Renovation 56,16,742.00                          |                         |                        |                              |
|       | New Faculty Quarters 28,20,618.00                      | NIL                     | 6,65,87,282.40         | 6,65,87,282.40               |
| 4.    | <b>Hostel Building</b>                                 |                         |                        |                              |
|       | Construction of Hostel Building 6,86,97,602.64         |                         |                        |                              |
|       | Hostel Furniture & Building 43,78,454.12               |                         |                        |                              |
|       | Utility Space of STE/ISD 7,56,054.00                   |                         |                        |                              |
|       | Remodeling in Hostel Phase II 2,54,22,438.73           |                         |                        |                              |
|       | Modernization of Kitchen for all Hostel 1,000.00       | NIL                     | 9,92,55,549.49         | 9,92,55,549.49               |
| 5.    | <b>Canteen &amp; Dispensary</b>                        |                         |                        |                              |
|       | Amenities to Student & Staff 53,44,823.85              |                         |                        |                              |
|       | Student & Staff Amenities 3,98,662.00                  | NIL                     | 57,43,485.85           | 57,43,485.85                 |
| 6.    | <b>Road</b>                                            |                         |                        |                              |
|       | Development of Land & Overhead line, 48,60,238.45      |                         |                        |                              |
|       | Construction of Road, Boundry Wall etc.                |                         |                        |                              |
|       | Construction of Asphalt Road 22,27,487.00              | NIL                     | 70,87,725.45           | 70,87,725.45                 |
| 7.    | <b>Boundry Wall</b>                                    |                         |                        |                              |
|       | Construction of Boundary Wall Around 10,67,669.00      |                         |                        |                              |
|       | Entire Campus and Slag Road                            |                         |                        |                              |
|       | Construction of Boundary Wall 10,13,841.00             | NIL                     | 20,81,510.00           | 20,81,510.00                 |
|       | Academic Complex                                       |                         |                        |                              |
| 8.    | <b>Play Ground</b>                                     |                         |                        |                              |
|       | Construction of Play Ground 70,000.00                  |                         |                        |                              |
|       | Development & Construction of Play 3,29,553.00         | NIL                     |                        |                              |
|       | Ground                                                 |                         |                        |                              |
|       | Development of Campus Green 2,64,538.00                |                         | 6,64,091.00            | 6,64,091.00                  |
| 9.    | <b>Furniture</b>                                       |                         |                        |                              |
|       | Hostel Furniture out of loan 1,00,186.40               |                         |                        |                              |
|       | Hostel Furniture out of Grant 8,67,445.37              | NIL                     |                        |                              |
|       | Furniture General 92,54,491.72                         |                         |                        |                              |
|       | Furniture Boys Hostel 12,861.00                        |                         |                        |                              |
|       | Library Furniture 31,50,000.00                         |                         | 1,33,84,984.49         | 1,33,84,984.49               |
| 10.   | <b>Equipments</b>                                      |                         |                        |                              |
|       | Equipment all Departments 1,21,69,885.48               |                         |                        |                              |
|       | Equipment out of Unesco coupon 17,15,250.43            |                         |                        |                              |
|       | Instrumentation Cell 45,935.04                         |                         |                        |                              |
|       | Special Grant of SC/ST 50,000.00                       |                         |                        |                              |
|       | Water Cooler (equip) 1,90,000.00                       |                         |                        |                              |
|       | Modernization of Class Room and Office 82,65,076.63    | 1,28,997.00             |                        |                              |
|       | Equipment for all Departments                          |                         |                        |                              |
|       | Equipment out of (N.R. Grant - P.G.M.C.A) 25,00,593.10 |                         | 2,49,36,740.68         | 2,50,65,737.68               |
|       |                                                        |                         | <b>28,72,11,983.89</b> | <b>28,74,02,195.89</b>       |

| S.No. | Head of Accounts                                                                                                                                                                                                                                                                                                                                                | Assets as per 2010-2011 | Assets Up to 2009-2010 | Total Assets up-to 2010-2011 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------|------------------------------|
| 11.   | <b>Computer / Peripherals</b><br>Computation Automation 1,17,41,271.00<br>Purchase of Computer 75,000.00<br>Infrastructure Development 90,59,394.00<br>Internet & Other Communication 90,67,055.00<br>Facilities<br>Internal Telephone System 4,78,824.00                                                                                                       | NIL                     | 3,04,21,544.00         | 3,04,21,544.00               |
| 12.   | <b>Electrical Installation</b><br>Construction on 33KVA Sub Station 8,13,853.00<br>11KVA Under Ground Distribution System 80,455.00<br>Provision for AC & Standby D.G. in newly constructed Lib. Building 24,58,450.00<br>Electrical Renovation of Old Staff Quarters 20,56,000.00<br>Minor renovation of electrical wiring of A.D. Building & W/S 32,65,249.00 | NIL                     | 86,74,007.00           | 86,74,007.00                 |
| 13.   | <b>Library Books / Equipments</b><br>Library Books 1,16,33,845.59<br>Replacement of Lost Books 6,460.00<br>Less Lost Books                                                                                                                                                                                                                                      | (-) 3,588.60            | 1,16,40,305.59         | 1,16,36,716.99               |
| 14.   | <b>Vehicle</b><br>Vehicle 7,33,676.79<br>Purchase of Vehicle 34,32,755.00                                                                                                                                                                                                                                                                                       | 48,503.00               | 41,66,431.79           | 42,14,934.79                 |
|       | <b>Total</b> 34,21,14,272.27                                                                                                                                                                                                                                                                                                                                    |                         | 34,21,14,272.27        | 34,23,49,398.67              |

*H. B. B.*  
Accountant

*A. B. B.*  
Dy. Registrar (Accounts)


**SCHEDULE 4 (D) ASSET CREATED OUT OF SCHEME GRANT**

| S.No.                            | Head of Accounts                                         | Assets as per<br>2010-2011 | Up to<br>2009-2010    | Total up-to<br>2010-2011 |
|----------------------------------|----------------------------------------------------------|----------------------------|-----------------------|--------------------------|
| <b>EQUIPMENT (OUT OF GRANTS)</b> |                                                          |                            |                       |                          |
| 1                                | Modernization of Laboratories                            |                            | 2,43,15,632.90        | 2,43,15,632.90           |
| 2                                | Net Work                                                 |                            | 66,00,819.65          | 66,00,819.65             |
| 3                                | Area of Excellence                                       |                            | 4,14,000.00           | 4,14,000.00              |
| 4                                | Area of Weakness                                         |                            | 1,20,08,930.15        | 1,20,08,930.15           |
| 5                                | Emerging Technology                                      |                            | 47,84,730.69          | 47,84,730.69             |
| 6                                | A.I.C.T.E.                                               |                            | 91,494.36             | 91,494.36                |
| 7                                | Programme of New & Improve Technology                    |                            | 51,99,158.11          | 51,99,158.11             |
| 8                                | Research Centre on Piezo Electro & Ceramic               |                            | 9,97,746.80           | 9,97,746.80              |
| 9                                | I.I.I. Cell                                              |                            | 2,92,830.14           | 2,92,830.14              |
| 10                               | Adventure Club                                           |                            | 46,000.00             | 46,000.00                |
| 11                               | Centre of excellence                                     |                            | 1,69,33,290.62        | 1,69,33,290.62           |
| 12                               | Modernization of Fluid Mechanics Lab.                    |                            | 8,00,000.00           | 8,00,000.00              |
| 13                               | Creation of Central Facility of Advance melting Facility |                            | 70,325.00             | 70,325.00                |
| 14                               | Development of Power Electronics Application Centre      |                            | 5,47,980.00           | 5,47,980.00              |
|                                  | <b>Total 4 (D)</b>                                       |                            | <b>7,31,02,938.42</b> | <b>7,31,02,938.42</b>    |

**SCHEDULE 4 - (E) ASSETS OF OTHER FUND**

| S.No. | Head of Accounts                                             | Assets as per<br>2010-2011 | Up to<br>2009-2010    | Total up-to<br>2010-2011 |
|-------|--------------------------------------------------------------|----------------------------|-----------------------|--------------------------|
| 1     | Assets out of Recurring Grant                                |                            | 2,34,19,113.47        | 2,34,19,113.47           |
| 2.    | Assets created out of donation from govt. of Bihar/Jharkhand |                            |                       |                          |
|       | a. Books                                                     |                            | 1,07,40,080.93        | 1,07,40,080.93           |
|       | b. Almirah                                                   |                            | 1,30,760.00           | 1,30,760.00              |
| 3.    | Furniture out of ( VLSI)                                     |                            | 1,94,360.00           | 1,94,360.00              |
|       | <b>Total 4 (E)</b>                                           |                            | <b>3,44,84,314.40</b> | <b>3,44,84,314.40</b>    |
| 4.    | D.S.T Project                                                |                            | 4,21,900.00           | 4,21,900.00              |
|       |                                                              |                            | <b>3,49,06,214.40</b> | <b>3,49,06,214.40</b>    |

  
Accountant

  
Dy. Registrar (Accounts)

**SCHEDULE – 14****SIGNIFICANT ACCOUNTING POLICIES**

1. Considering the practical difficulties due to large number of transactions varying from small amount to lakh of rupees, the Institute is maintaining the accounts on accrual basis where the transaction concerned has considerable impact on the Income and Expenditure of the year except the following:-
  - (i) Fees received from students
  - (ii) Interest on short term deposits
  - (iii) Administrative reports/expenses
  - (iv) Retirement benefits such as Gratuity, Commutation value of pension, leave encashment, payment on PF etc.
2. The inventory purchased by various department/centres/sections is treated as consumed during the year.
3. Transaction denominated in foreign currency is accounted at the exchange rate prevailing at the date of transaction.
4. Expenditure made out of Plan Fund is exhibited on cost basis without any depreciation.
5. Utilization certificate for Grant received in any financial year for both Plan & Non- Plan are issued only after the Audit certificate is received for that year.
6. Fees collected from students towards hostel A/Cs and sports and culture activities development fund etc. are separately accounted for as stated in the notes earlier and these receipts are not treated as income of Institute.
7. Funds invested in short term deposits are disclosed under cash and bank balance under the head "fixed deposit".
8. the interest on fixed deposits made out of the balance of debt and deposit account is treated as other income.
9. The P.F. account of each individual is maintained in the S.B.I. –R.I.T., Branch Adityapur with distinctive account number since its inception.

**Accountant****Dy. Registrar (Accounts)**

**SCHEDULE – 15****CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS**

## 1. Capital commitment

There is no capital commitment towards contracts to be executed on capital account.

**Notes on accounts**

## 2. Income and surplus of the Institute fund are not subject to the provision of Income Tax Act 1961

## 3. Current assets loan and advances

In the opinion of the Institute, the current assets loan and advance have a value on realization in the ordinary course of business, equal atleast to the aggregate amount shown in the balance sheet.

## 4. Fixed assets register is under preparation.

## 5. Steps are being taken either to realise the old advances with the supplier or to write-off the same from the books of accounts after the approval of B.O.G.

## 6. The bank book on current accounts of S.B.I. is treated as cash book for vouching purpose and it is closed once in every month since inception.

## 7. The physical verification of assets has not been conducted yet as a result the position of condemned/un-serviceable assets/stores could not be arrived at.

**Accountant****Dy. Registrar (Accounts)**

8. The number of bank accounts opened by the Institute are as under:

| Sl.No. | Branch            | Type of A/C     | A/C No.     | Purpose                     |
|--------|-------------------|-----------------|-------------|-----------------------------|
| 1      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399349 | For all type of Receipts    |
| 2      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399485 | TEQIP for TEQIP A/C         |
| 3      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399430 | For Non-Plan Grant          |
| 4      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399441 | For Scheme Grant            |
| 5      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399452 | For Debt & Deposit          |
| 6      | Canara Bank       | S.B.Account     | 28319       | For Plan Grant              |
| 7      | S.B.I.R.I.T., JSR | S.B.Account     | 10678431602 | For Corpus Fund             |
| 8      | S.B.I.R.I.T., JSR | S.B.Account     | 10678399394 | For Development Fund        |
| 9      | S.B.I.R.I.T., JSR | S.B.Account     | 30318282709 | Staff Dev. Fund             |
| 10     | S.B.I.R.I.T., JSR | S.B.Account     | 30318282415 | Depreciation Fund           |
| 11     | S.B.I.R.I.T., JSR | S.B.Account     | 30318282039 | Maintenance Fund            |
| 12     | S.B.I.R.I.T., JSR | Current Account | 10678396019 | For all type of expenditure |
| 13     | S.B.I.R.I.T., JSR | Current Account | 10678399429 | For T.S.G.Fund              |
| 14     | S.B.I.R.I.T., JSR | Current Account | 10678396359 | For short term course W/S   |
| 15     | S.B.I.R.I.T., JSR | Current Account | 10678396075 | University Account          |
| 16     | S.B.I.R.I.T., JSR | Current Account | 10678396111 | For Non –Formal Bsc. Engg.  |
| 17     | S.B.I.R.I.T., JSR | Current Account | 10678399463 | PTPG A/C                    |
| 18     | S.B.I.R.I.T., JSR | Current Account | 10678396326 | E.D.Cell                    |
| 19     | S.B.I.R.I.T., JSR | S.B.Account     | 30145009039 | Pravah                      |
| 20     | S.B.I.R.I.T., JSR | S.B.Account     | 30619535410 | N.S.S                       |
| 21     | S.B.I.R.I.T., JSR | Current Account | 10678396291 | Continuing Comp. Ed. Pro.   |

9. The age-wise breakup of advances is under process.

10. corresponding figures for the previous year have been regrouped/rearranged wherever necessary.

11. Schedule from 1 to 15 are annexed to, form an integral part of balance sheet as at 31.03.2010 and the Income and Expenditure Account for the year ended on that date.

  
Accountant

  
Dy. Registrar (Accounts)



**RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2011**

| Receipts                                       | Schedule | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|------------------------------------------------|----------|-----------------------------|------------------------------|
| I) Opening Bank Balance                        | A        | 49,10,77,209.09             | 41,72,08,523.09              |
| II) Grants received from Govt. of India        | B        | 15,00,03,588.60             | 23,50,08,327.00              |
| III) Institute Income                          | C        | 7,88,62,462.00              | 4,90,86,824.00               |
| IV) Other income                               | D        | 1,54,31,191.00              | 1,37,08,513.00               |
| V) i) Transferable deposits                    | E        | 4,74,04,767.00              | 6,36,50,011.00               |
| ii) Out side scholarships                      | E(b)     | 75,19,162.00                | 34,08,872.00                 |
| VI) Other grants/schemes                       | F        | 8,50,000.00                 | 54,466.00                    |
| VII) (a) Recovery of Advances from Plan Grants | G        | 11,946.00                   | —                            |
| (b) Recovery of Advances from Research Grants  | G        |                             | 3,000.00                     |
| VIII) Recovery of Other Advances               | H        | 91,09,727.00                | 46,09,434.00                 |
| IX) Provision for 2010-2011                    |          |                             |                              |
| X) Fixed Assets written back                   |          |                             |                              |
| <b>Total</b>                                   |          | <b>80,02,70,052.69</b>      | <b>78,67,37,970.09</b>       |

**RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2011**

| Payments                                     | Schedule | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|----------------------------------------------|----------|-----------------------------|------------------------------|
| I) Pay & Allowances                          | I        | 14,62,19,784.00             | 15,16,18,952.00              |
| II) Retirement Benefit                       | J        | 5,40,78,542.00              | 4,89,91,707.00               |
| III) Scholarship & Fellowship                | K        | 34,16,666.00                | 41,40,433.00                 |
| IV) Departmental Operating Expenses          | L        | 16,83,122.00                | 16,01,757.00                 |
| V) Health Facilities                         | M        | 40,65,940.00                | 41,59,058.00                 |
| VI) Water & Electricity                      | N        | 1,48,67,571.00              | 1,34,22,122.00               |
| VII) House Keeping Maintenance               | O        | 1,32,99,376.00              | 53,27,700.00                 |
| VIII) Transport Service                      | P        | 4,73,325.00                 | 8,31,561.00                  |
| IX) Administrative Expenses                  | Q        | 1,29,46,890.00              | 63,21,368.00                 |
| X) Hall Subsidy                              | Q (b)    | —                           | 25,00,000.00                 |
| XI) Loans and Advances                       | R        | 68,21,817.00                | 85,50,641.00                 |
| XII) Other Expenses:                         | S        | 80,11,393.00                | 2,55,868.00                  |
| XII) a) Payments from transferable deposits: | T        | 4,70,99,664.00              | 2,73,30,348.00               |
| b) Out Side Scholarship                      | T(b)     | 54,90,483.00                | 24,58,761.00                 |
| XIII) a) Expenses from Plan Grant/Schemes    | U        | 3,88,715.00                 | 90,35,878.00                 |
| b) Expenses from Scheme                      | U (B)    | 1,35,78,677.00              | 5,15,842.00                  |
| XIV) a) Advances from Plan/Scheme Grants     | V        |                             | 85,98,765.00                 |
| b) Advances from Research Grant              | V        |                             |                              |
| XV) Closing balance                          | w        | 46,78,28,087.69             | 49,10,77,209.09              |
| XVI) Past Year Provision written back        |          |                             |                              |
| XVII) Interest accrued but not due           |          |                             |                              |
| <b>Total:</b>                                |          | <b>80,02,70,052.69</b>      | <b>78,67,37,970.09</b>       |

*H. Balm*  
Accountant

*N. Bhat*  
Dy. Registrar (Accounts)

*H. Bhat*  
Registrar (I/C)

*Rajiv*  
Director 28/3/12

**SCHEDULE – A : OPENING BALANCE FOR 2010 – 2011**

| Receipts                                           | Current Year (2010-2011) |                    | Previous Year (2009-2010) |                 |
|----------------------------------------------------|--------------------------|--------------------|---------------------------|-----------------|
| OPENING BALANCE                                    |                          |                    |                           |                 |
| CURRENT ACCOUNT                                    |                          | (-) 3,29,77,281.82 |                           | 12,89,876.18    |
| SAVING BANK ACCOUNT<br>(S.B.I A/C No. 10678399349) |                          | 37,34,06,071.96    |                           | 12,33,43,801.96 |
| S.B. A/C NO — 10678399430                          |                          | 2,01,01,865.39     |                           | 16,96,59,485.39 |
| S.B. A/C NO — 10678399441                          |                          | 15,97,151.31       |                           | 15,42,685.31    |
| S.B. A/C NO — 10678399452                          |                          | 1,38,89,223.25     |                           | 1,34,11,146.25  |
| S.B. A/C CANARA BANK 28319                         |                          | 3,71,77,582.00     |                           | 3,59,09,743.00  |
| FIXED DEPOSIT                                      |                          | 7,78,82,597.00     |                           | 7,20,51,785.00  |
| TOTAL                                              |                          | 49,10,77,209.09    |                           | 41,72,08,523.09 |

**SCHEDULE – B : GRANTS-IN-AID FOR 2010 – 2011**

| Receipt                                                                                                                     | Sanction Reference | Sanctioned Date | Amount          |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|
| (B-i)<br>Plan-Grant ( Non- Recurring) from<br>Govt. of India Cost of Lost Book<br>recovered                                 |                    |                 | 3,588.60        |
|                                                                                                                             |                    |                 | 3,588.60        |
| (B- ii)<br>Plan O.S.C Grant ( Non-recurring)<br>from Govt. of India<br>Plan O.S.C Grant ( Recurring)<br>from Govt. of India |                    |                 | Nil             |
|                                                                                                                             |                    |                 | Nil             |
| (B-iii)<br>Non-plan Grant (Recurring) from<br>Government of India                                                           |                    |                 | 10,00,00,000.00 |
|                                                                                                                             |                    |                 | 5,00,00,000.00  |
|                                                                                                                             |                    |                 | 15,00,00,000.00 |
| Total( Bi + Bii + Biii)                                                                                                     |                    |                 | 15,00,03,588.60 |

  
**Accountant**
  
**Dy. Registrar (Accounts)**

**SCHEDULE – C : INSTITUTE INCOME**

| Receipts                                 | Current Year (2010-2011) |                | Previous Year (2009-2010) |                |
|------------------------------------------|--------------------------|----------------|---------------------------|----------------|
| <b>Fees &amp; Subscription</b>           |                          |                |                           |                |
| Admission fee                            | 6,10,600.00              |                | 1,19,400.00               |                |
| Tuition fee                              | 5,10,34,800.00           |                | 2,85,79,450.00            |                |
| Seat rent                                | 27,76,500.00             |                | 19,04,000.00              |                |
| Medical aid                              | 3,30,945.00              |                | 3,60,457.00               |                |
| Electric charge                          | 27,76,500.00             |                | 19,04,000.00              |                |
| Water charge                             | 17,49,825.00             |                | 12,37,600.00              |                |
| Vehicle Charges                          | 16,87,080.00             |                | 11,93,720.00              |                |
| Syllabus etc                             | 76,899.00                |                | 4,00,425.00               |                |
| Practical Charge                         | 4,23,380.00              |                | 1,47,600.00               |                |
| Registration fee                         | 3,88,300.00              |                | 2,90,700.00               |                |
| Examination fee                          | 25,30,600.00             |                | 18,75,345.00              |                |
| Grade Card                               | 4,32,300.00              |                | 3,80,800.00               |                |
| Library Charge                           | 6,74,675.00              |                | 4,86,175.00               |                |
| Convocation                              | 56,940.00                | 6,55,49,344.00 | 2,17,920.00               | 3,90,97,592.00 |
| <b>Interest earned</b>                   |                          |                |                           |                |
| Interest on S.B. A/C                     | 86,30,365.00             |                | 50,76,231.00              |                |
| Interest on Non-Plan A/C                 | 10,26,303.00             | 96,56,668.00   | 27,58,816.00              | 78,35,047.00   |
| <b>Other miscellaneous dues</b>          |                          |                |                           |                |
| House rent Institute building            | 67,687.00                |                | 39,780.00                 |                |
| Income from Guest House                  | —                        |                | 5,000.00                  |                |
| Bank Commission                          | 425.00                   |                | 504.00                    |                |
| Revenue – Staff quarters                 | 1,55,963.00              |                | 1,90,955.00               |                |
| Electric Charges from staff Quarters     | 3,78,157.00              |                | 3,59,186.00               |                |
| Water Charges from staff Quarters        | 1,01,791.00              |                | 1,10,327.00               |                |
| Miscellaneous receipts                   | 23,755.00                |                | 1,38,314.00               |                |
| Recovery of Bonus, Hill area from employ | 28,988.00                |                | 26,520.00                 |                |
| Sale of Tender form                      | —                        |                | 3,000.00                  |                |
| Processing charge                        | 15,04,307.00             |                | 3,84,730.00               |                |
| Sale of application form                 | 1,30,000.00              |                | 56,381.00                 |                |
| Fine                                     | 5,13,996.00              |                | 2,20,611.00               |                |
| C.C.P.F. Contribution                    | 7,15,481.00              |                | 6,17,477.00               |                |
| T.C, CLC etc.                            | 35,900.00                | 36,56,450.00   | 1,400.00                  | 21,54,185.00   |
| <b>Total</b>                             |                          | 7,88,62,462.00 |                           | 4,90,86,824.00 |

*J. Balu*  
Accountant

*A. Bhat*  
Dy. Registrar (Accounts)

**SCHEDULE – D : OTHER INCOME**

| Receipts                              | Current Year (2010-2011) |                       | Previous Year (2009-2010) |                       |
|---------------------------------------|--------------------------|-----------------------|---------------------------|-----------------------|
| <b>a) Hall account</b>                |                          |                       |                           |                       |
| Hostel admission fee                  | 3,11,700.00              | <b>38,06,450.00</b>   | 1,17,200.00               | <b>25,00,475.00</b>   |
| Hostel Maintenance fund               | 30,67,900.00             |                       | 20,84,500.00              |                       |
| Common room                           | 4,26,850.00              |                       | 2,98,775.00               |                       |
| <b>b) Gymkhana account</b>            |                          |                       |                           |                       |
| Sports fees                           | 10,78,250.00             | <b>19,22,640.00</b>   | 9,52,000.00               | <b>15,34,100.00</b>   |
| Cultural association                  | 8,44,390.00              |                       | 5,82,100.00               |                       |
| <b>c) Institute Development fund</b>  |                          |                       |                           |                       |
| Development fee(testing)              | 9,43,182.00              | <b>43,12,325.00</b>   |                           | <b>15,17,824.00</b>   |
| Development fee(students)             | 31,23,000.00             |                       | 12,86,534.00              |                       |
| P.B.F. & Fine                         | 2,125.00                 |                       | 95,200.00                 |                       |
| Counseling Fee                        | 22,820.00                |                       | 1,490.00                  |                       |
| Fee for post                          |                          |                       | ----                      |                       |
| Sale of tender forms                  |                          |                       | ----                      |                       |
| Directors Discretionary fund          | 36,878.00                |                       | 22,434.00                 |                       |
| Over head charges                     | 1,84,320.00              |                       | 1,12,166.00               |                       |
| <b>d) Interest on Unspent Balance</b> |                          |                       |                           |                       |
| Fixed deposit                         | 35,17,276.00             | <b>53,33,192.00</b>   | 64,10,198.00              | <b>81,56,114.00</b>   |
| S.B.A/C 50132                         |                          |                       |                           |                       |
| (Debt & deposit) 10678399452          | 4,96,665.00              |                       | 4,78,077.00               |                       |
| S.B.A/C 50131 10678399441             |                          |                       |                           |                       |
| Interest from Canara Bank             |                          |                       |                           |                       |
| A/c no :- 28319                       | 13,19,251.00             |                       | 12,67,839.00              |                       |
| <b>TOTAL</b>                          |                          | <b>1,53,74,607.00</b> |                           | <b>1,37,08,513.00</b> |

  
**Accountant**
  
**Dy. Registrar (Accounts)**

**SCHEDULE – E : TRANSFERABLE DEPOSITS****(A)**

| Receipts                             | Current Year (2010-2011) |                       | Previous Year (2009-2010) |                       |
|--------------------------------------|--------------------------|-----------------------|---------------------------|-----------------------|
| a) <b>Cautions monies</b>            |                          |                       |                           |                       |
| Institute Caution money              | 16,49,500.00             |                       | 11,72,000.00              |                       |
| Hostel Caution money                 | 6,28,500.00              |                       | 2,93,000.00               |                       |
| Mess Caution money                   | 12,57,000.00             |                       | 5,86,000.00               |                       |
| Library Caution money                |                          | 35,35,000.00          | 11,000.00                 | 20,62,000.00          |
| b) Compulsory Group Insurance        | 3,92,818.00              |                       | 4,29,436.00               | 4,29,436.00           |
| c) Training & Placement              | 19,51,900.00             |                       | 13,32,800.00              | 13,32,800.00          |
| d) Computer Maintenance /Center      | 13,94,500.00             |                       | 9,52,000.00               | 9,52,000.00           |
| e) Testing & Consultancy             | 18,44,612.00             | 55,83,830.00          | 6,68,780.00               | 6,68,780.00           |
| f) <b>Other deposits</b>             |                          |                       |                           |                       |
| T.C.C. Society                       | 94,46,940.00             |                       | 93,56,207.00              |                       |
| Income Tax                           | 93,19,824.00             |                       | 1,67,60,156.00            |                       |
| Sales Tax                            | 12,813.00                |                       | 31,044.00                 |                       |
| Earnest Money                        | -----                    |                       | 18,000.00                 |                       |
| Security deposit                     | 29,630.00                |                       | 2,12,907.00               |                       |
| Retention Money                      | -----                    |                       | -----                     |                       |
| Un-disbursed Liabilities             | 9,50,000.00              |                       | 6,65,022.00               |                       |
| LIC Premium                          | 25,60,566.00             |                       | 23,34,228.00              |                       |
| Staff & Student Welfare              | 2,462.00                 |                       | 2,646.00                  |                       |
| Suspense Account                     | 30,40,872.00             |                       | 27,57,296.00              |                       |
| GPF Subscription                     | 97,41,314.00             |                       | 63,57,504.00              |                       |
| Pension & Leave Salary Contr.        | 1,36,500.00              |                       | 1,36,500.00               |                       |
| Lien Contribution                    |                          |                       | -----                     |                       |
| Local Levy                           |                          |                       | -----                     |                       |
| Keep Back                            |                          | 3,52,40,921.00        | -----                     | 3,86,31,510.00        |
| g) N. S.S                            |                          |                       | -----                     | -----                 |
| h) N I M C E T                       |                          |                       | 35,122.00                 | 35,122.00             |
| i) Alumni                            | 4,53,800.00              |                       | 3,33,750.00               | 3,33,750.00           |
| j) Earth Quake                       | -----                    |                       | -----                     | -----                 |
| k) Service Tax                       | 1,78,769.00              |                       | 77,851.00                 | 77,851.00             |
| l) R.T.I                             | 988.00                   |                       | 382.00                    | 382.00                |
| m) JREDA                             | -----                    |                       | -----                     | -----                 |
| n) NRRDA                             | -----                    |                       | -----                     | -----                 |
| o) DASA (Foreign student)            | 16,92,440.00             |                       | -----                     | -----                 |
| p) Staff Development Fund            | 3,67,477.00              |                       | 1,86,692.00               | 1,86,692.00           |
| q) Depreciation Fund                 | 1,76,771.00              |                       | 93,344.00                 | 93,344.00             |
| r) Maintenance Fund                  | 1,76,771.00              | 30,47,016.00          | 93,344.00                 | 93,344.00             |
| Interest transferred from TEQIP Fund |                          |                       |                           | 1,87,53,000.00        |
| <b>TOTAL (A)</b>                     |                          | <b>4,74,06,767.00</b> |                           | <b>6,36,50,011.00</b> |

| Receipts                    |     | Current Year (2010-2011) |                | Previous Year (2009-2010) |                |
|-----------------------------|-----|--------------------------|----------------|---------------------------|----------------|
| (B)                         | B/F |                          | 4,74,06,767.00 | B/F                       | 6,36,50,011.00 |
| <b>Out Side Scholarship</b> |     |                          |                |                           |                |
| Govt. of India              |     | 33,79,715.00             |                | 6,62,367.00               |                |
| Andhra Pradesh              |     | -----                    |                | 66,174.00                 |                |
| Assam                       |     | 41,800.00                |                | 39,950.00                 |                |
| Bank (All)                  |     | 4,73,787.00              |                | 1,84,557.00               |                |
| Bihar                       |     | 12,92,950.00             |                | 6,25,650.00               |                |
| Companies                   |     | -----                    |                | 25,000.00                 |                |
| Jharkhand                   |     | 17,39,075.00             |                | 12,14,750.00              |                |
| Himachal                    |     | -----                    |                | -----                     |                |
| Kerala                      |     | -----                    |                | 60,464.00                 |                |
| Chhatishgarh                |     | -----                    |                | -----                     |                |
| Maharashtra                 |     | 60,940.00                |                | -----                     |                |
| Meghalaya                   |     | -----                    |                | 17,200.00                 |                |
| Tripura                     |     | -----                    |                | 14,400.00                 |                |
| Uttaranchal                 |     | 70,000.00                |                | -----                     |                |
| Uttar Pradesh               |     | 1,54,740.00              |                | 75,980.00                 |                |
| West Bengal                 |     | 2,32,555.00              |                | 3,55,530.00               |                |
| Govt. of Karnataka          |     | -----                    |                | -----                     |                |
| Madhya Pradesh              |     | 45,450.00                |                | 38,700.00                 |                |
| Rajasthan                   |     | -----                    |                | 3,000.00                  |                |
| Tamil Nadu                  |     | 15,500.00                |                | 15,550.00                 |                |
| Govt. of Nagaland           |     | 12,600.00                | 75,19,162.00   | 9,600.00                  |                |
| <b>TOTAL (B)</b>            |     |                          | 75,19,162.00   | 34,08,872.00              |                |
| <b>TOTAL (A + B)</b>        |     |                          | 5,49,25,929.00 | 6,70,58,883.00            |                |


  
Accountant

  
Dy. Registrar (Accounts)

**SCHEDULE – F: OTHER GRANTS**

| Receipts                                                        | Sanction Reference | Sanctioned Date | Received (2009-10) |
|-----------------------------------------------------------------|--------------------|-----------------|--------------------|
| Modernization of Concrete Laboratory                            |                    |                 |                    |
| Modernization of Computer Centre                                |                    |                 |                    |
| EMD Scheme for 2002-2003                                        |                    |                 |                    |
| Modernization of Internet Facilities                            |                    |                 |                    |
| Study on Timber Seasoning by Solar Energy (M.K. Paswan)         |                    |                 |                    |
| Establishing Centre for Mobile Computing (Sanjay Kumar)         |                    |                 |                    |
| Modernization of Power Electronics and Drives Lab (Madhu Singh) |                    |                 |                    |
| Emeritus Fellowship                                             |                    |                 |                    |
| TEQIP                                                           |                    |                 |                    |
| SERC(DST) Project                                               |                    |                 |                    |
| VLSI                                                            | 6,25,000.00        |                 |                    |
| T.G.A.S. Scheme                                                 | 2,25,000.00        |                 |                    |
| Geology Project (Interest)                                      |                    |                 | 54,466.00          |
| <b>Total</b>                                                    | <b>8,50,000.00</b> |                 | <b>54,466.00</b>   |


  
**Accountant**

  
**Dy. Registrar (Accounts)**

**SCHEDULE – G: RECOVERY OF ADVANCES FROM PLAN GRANT**

| Receipt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------|
| i) Construction of Institutional Building<br>ii) Construction of Hostel<br>iii) Computation/Automation Facilities for All Dett. Admn. Building & Computer Centre<br>iv) Equipment for all Deptt. & Office Equipt.<br>v) Furniture for all Deptt. I.B. Staff Qr. & Hostel<br>vi) Amenities to Staff & Student Activities Centre<br>vii) Civil & Allied Structure 33KVA sub Station<br>viii) Extensive Civil/PHE/Elect. & Remodeling of Hostel<br>ix) Construction of 1 <sup>st</sup> Floors Existing Computer Centre<br>x) Construction of Boundary Wall Around the Academic Complex<br>xi) Construction of New Qtrs. For Faculties<br>xii) Construction of Asphalt Road<br>xiii) Remodeling of Guest House & Director's Bungalow<br>xiv) Construction of Boundary Wall entire Campus<br>xv) Space for Utility Areas in Hostel Complex for STD/ISD/PCO/Xeroxing<br>xvi) Modernization of Class Room/Office Equipment for all Dett. & Centre<br>xvii) Internet & other Communication & Upgrading Computer Facilities<br>xviii) Campus Greenery<br>xix) Whole Campus Renovation<br>xx) Provision for AC & stand by D.G. for Lib.Bldg.<br>xxi) Curriculum of Teachers up Gradation<br>xxii) Renovation of I.B.etc.<br>xxiii) Library Facilities<br>xxiv) Equipment for R & D<br>xxv) Elect. Renov. Of Qrs<br>xxvi) Infrastructure Development | 11,946.00                   |                              |
| xxvii) Modernization of Fluid Mechanics Lab (MHRD)<br>xxviii) Advance Melting Facilities (AICTE)<br>Emeritus Fellowship<br>V.L.S.I. Project<br>Development of Power Electronics Application Centre<br>D.S.T. Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             | 3,000.00                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>11,946.00</b>            | <b>3,000.00</b>              |

  
**Accountant**

  
**Dy. Registrar (Accounts)**



**SCHEDULE – H : RECOVERY OF OTHER ADVANCES**

| Receipt      | Current Year (2010-2011) | Previous Year (2009-2010) |
|--------------|--------------------------|---------------------------|
| Festival     | 3,000.00                 | 1,34,500.00               |
| TA & LTC     |                          |                           |
| Contingency  |                          |                           |
| General      | 91,06,727.00             | 44,74,937.00              |
| Earthquake   |                          |                           |
| <b>Total</b> | <b>91,09,727.00</b>      | <b>46,09,437.00</b>       |

**SCHEDULE – I : PAY AND ALLOWANCE**

| Payment                              | Current Year (2010-2011) | Previous Year (2009-2010) |
|--------------------------------------|--------------------------|---------------------------|
| Pay and Allowance Faculty            | 7,63,50,063.00           | 10,00,52,806.00           |
| Pay and Allowance Non-Faculty        | 5,84,42,289.00           | 4,88,40,780.00            |
| Bonus                                | 7,59,880.00              | 8,01,328.00               |
| T.A                                  | 9,57,714.00              | 9,89,197.00               |
| L.T.C                                | 17,43,364.00             | 9,34,841.00               |
| Arrear of 6th C.P.C.                 | 40,38,140.00             |                           |
| Children Education / Other Allowance | 39,28,334.00             |                           |
| <b>Total</b>                         | <b>14,62,19,784.00</b>   | <b>15,16,18,952.00</b>    |

**SCHEDULE – J : RETIRAL BENEFIT**

| Payment             | Current Year (2010-2011) | Previous Year (2009-2010) |
|---------------------|--------------------------|---------------------------|
| Pension             | 3,18,05,814.00           | 3,45,32,421.00            |
| Pension Commutation | 67,37,084.00             | 40,94,582.00              |
| Gratuity            | 94,46,578.00             | 64,57,391.00              |
| Leave Encashment    | 60,89,066.00             | 39,07,313.00              |
| <b>Total</b>        | <b>5,40,78,542.00</b>    | <b>4,89,91,707.00</b>     |

**SCHEDULE – K : SCHOLARSHIP AND FELLOWSHIP**

| Payment          | Current Year (2010-2011) | Previous Year (2009-2010) |
|------------------|--------------------------|---------------------------|
| Stipend          | 34,16,666.00             | 41,40,433.00              |
| Contingency (PG) |                          |                           |
| <b>Total</b>     | <b>34,16,666.00</b>      | <b>41,40,433.00</b>       |

  
 Accountant

  
 Dy. Registrar (Accounts)

**SCHEDULE – L : DEPARTMENTAL OPERATING EXPENSES**

| Payment                   | Current Year (2010-2011) | Previous Year (2009-2010) |
|---------------------------|--------------------------|---------------------------|
| Civil Engineering         | 39,856.00                | 42,446.00                 |
| Electrical Engineering    | 36,014.00                | 57,037.00                 |
| Electronics Engineering   | 80,078.00                | 51,640.00                 |
| Mechanical Engineering    | 1,39,263.00              | 2,54,030.00               |
| Computer Science Engg.    | 41,881.00                | 1,04,826.00               |
| Production Engineering    | 1,08,238.00              | 43,374.00                 |
| Metallurgical Engineering | 1,79,311.00              | 1,03,995.00               |
| Physics Department        | 44,416.00                | 96,273.00                 |
| Chemistry Department      | 27,271.00                | 7,916.00                  |
| Applied Mechanics         | ----                     | 18,714.00                 |
| D.C.A (M.C.A)             | 71,939.00                | 63,100.00                 |
| Mathematics Department    | 2,168.00                 | 12,135.00                 |
| Computer Centre           | 1,21,733.00              | 1,02,942.00               |
| Workshop                  | 66,114.00                | 21,906.00                 |
| Academic Section          | 2,20,222.00              | 2,09,175.00               |
| Establishment Section     | 52,333.00                | 77,935.00                 |
| Library                   | 73,774.00                | 91,054.00                 |
| Estate Section            | 19,076.00                | 18,458.00                 |
| Store                     | 2,585.00                 | 1,879.00                  |
| A.E.Section               | 5,000.00                 | ----                      |
| Vehicle Section           | ----                     | ----                      |
| Accounts Section          | 97,461.00                | 1,08,745.00               |
| A.P.Section               | 12,559.00                | ----                      |
| Director Office           | 1,49,844.00              | 87,131.00                 |
| Dean Office               | 47,397.00                | 27,046.00                 |
| D.O.C. Website            | 44,589.00                | ----                      |
| <b>Total</b>              | <b>16,83,122.00</b>      | <b>16,01,757.00</b>       |

**SCHEDULE – M : HEALTH FACILITIES**

| Payment                              | Current Year (2010-2011) | Previous Year (2009-2010) |
|--------------------------------------|--------------------------|---------------------------|
| Health Facilities (cost of medicine) | 65,623.00                | 44,839.00                 |
| Re-Imbursement of Medical Exp.       | 6,14,321.00              | 5,06,451.00               |
| TMH expenditure                      | 33,85,996.00             | 36,07,768.00              |
| <b>Total</b>                         | <b>40,65,940.00</b>      | <b>41,59,058.00</b>       |

**SCHEDULE – N : WATER AND ELECTRICITY**

| Payment            | Current Year (2010-2011) | Previous Year (2009-2010) |
|--------------------|--------------------------|---------------------------|
| Water Charges      | 10,35,673.00             | 10,39,265.00              |
| Electricity Charge | 1,38,31,898.00           | 1,23,57,501.00            |
| Generator Expenses |                          | 25,356.00                 |
| <b>Total</b>       | <b>1,48,67,571.00</b>    | <b>1,34,22,122.00</b>     |

  
**Accountant**
  
**Dy. Registrar (Accounts)**

**SCHEDULE – O : HOUSE KEEPING AND MAINTENANCE**

| Payment                   | Current Year (2010-2011) | Previous Year (2009-2010) |
|---------------------------|--------------------------|---------------------------|
| <b>Estate Maintenance</b> |                          |                           |
| Civil                     | 50,16,824.00             | 14,29,891.00              |
| Electrical                | 7,97,206.00              | 3,43,960.00               |
| PHE                       | 1,03,200.00              | 10,115.00                 |
| Horticulture              | 53,656.00                | 1,56,003.00               |
| E. M. Sanitation          | 16,079.00                | 7,634.00                  |
| Guest House               |                          | -----                     |
| Telephone                 |                          | 5,278.00                  |
| Office Equipment          |                          | 15,442.00                 |
| Computer network & AC     | 73,12,411.00             | 33,03,677.00              |
| Minor Equipment           |                          | 55,700.00                 |
| <b>Total</b>              | <b>1,32,99,376.00</b>    | <b>53,27,700.00</b>       |

**SCHEDULE – P : TRANSPORT SERVICE**

| Payment              | Current Year (2010-2011) | Previous Year (2009-2010) |
|----------------------|--------------------------|---------------------------|
| Vehicle Maintenance  | 91,140.00                | 93,948.00                 |
| Fuel Cost            | 2,03,410.00              | 74,240.00                 |
| Road Tax & Insurance | 82,909.00                | 67,309.00                 |
| Hired vehicle        | 95,866.00                | 5,96,064.00               |
| <b>Total</b>         | <b>4,73,325.00</b>       | <b>8,31,561.00</b>        |

**SCHEDULE – Q : ADMINISTRATIVE EXPENSES**

| Payment                           | Current Year (2010-2011) | Previous Year (2009-2010) |
|-----------------------------------|--------------------------|---------------------------|
| <b>(A) Advertisement/Bank</b>     | 13,29,603.00             | 1,82,406.00               |
| Commission/Postage etc.           | 14,003.00                | 61,064.00                 |
| Entertainment of Inst. Guest      | 1,82,744.00              | 1,07,712.00               |
| Remuneration to adjunct faculty   | 7,99,476.00              | 8,94,648.00               |
| Legal Expenses                    | 7,90,515.00              | 1,31,679.00               |
| Stationery & Printing             | 2,67,190.00              | 2,06,740.00               |
| Security                          | 7,935.00                 | 26,006.00                 |
| Miscellaneous                     | 6,95,259.00              | 10,39,544.00              |
| Telephone                         | 2,33,631.00              | 3,01,261.00               |
| Remuneration to Contract Staff    | 6,83,844.00              | 7,90,920.00               |
| Uniform & Liveries                | 45,719.00                | 5,57,059.00               |
| Audit Fee                         | 5,73,802.00              | -----                     |
| Student Support Service           | 56,525.00                | 85,000.00                 |
| Book Grant                        | ----                     | -----                     |
| Leave Salary Pension Contribution | 5,47,125.00              | 69,926.00                 |
| Processing Charges                | 14,92,960.00             | 3,86,400.00               |
| I. Card/Syllabus etc.             | 46,081.00                | -----                     |
| Examination Fee                   | 3,40,565.00              | 1,65,849.00               |
| Library Charge                    | ----                     | -----                     |
| Staff training                    | ----                     | 1,44,433.00               |
| Convocation                       | 7,42,292.00              | 11,70,721.00              |
| C.P.D.A.                          | 1,24,085.00              | -----                     |
| Golden Jubilee                    | 3,73,536.00              | -----                     |
| <b>Total (A)</b>                  | <b>93,46,890.00</b>      | <b>63,21,368.00</b>       |
| <b>(B) Hall Subsidy</b>           | 36,00,000.00             | 25,00,000.00              |
| <b>Total (B)</b>                  |                          | <b>25,00,000.00</b>       |
| <b>Total (A + B)</b>              | <b>1,29,46,890.00</b>    | <b>88,21,368.00</b>       |


**SCHEDULE – R : LOAN AND ADVANCES**

| Payment          | Current Year (2010-2011) | Previous Year (2009-2010) |
|------------------|--------------------------|---------------------------|
| General Advances | 65,12,817.00             | 85,50,641.00              |
| Festival Advance | 3,09,000.00              | -----                     |
| <b>Total</b>     | <b>68,21,817.00</b>      | <b>85,50,641.00</b>       |

**SCHEDULE – S : OTHER EXPENSES**

| Payment                         | Current Year (2010-2011) |                     | Previous Year (2009-2010) |                    |
|---------------------------------|--------------------------|---------------------|---------------------------|--------------------|
| <b>a) Hall Account</b>          |                          |                     |                           |                    |
| Hostel admission fees           |                          |                     |                           |                    |
| Common Room Expenses            | 75.00                    |                     |                           |                    |
| Hostel Maintenance              | 27,30,252.00             | <b>27,30,327.00</b> |                           |                    |
| <b>b) Gymkhana Account</b>      |                          |                     |                           |                    |
| Cultural Association            | 2,33,180.00              |                     | 8,298.00                  |                    |
| Sports                          | 15,66,361.00             | <b>17,99,541.00</b> | 1,19,153.00               | <b>1,27,451.00</b> |
| <b>c) Institute Dev. Fund</b>   |                          |                     |                           |                    |
| Development Expenses            | 20,000.00                |                     |                           |                    |
| Director's Discretionary Fund   | 4,946.00                 |                     | 16,251.00                 |                    |
| Dev. fee collected from student |                          |                     | -----                     | -----              |
| Over head Expenses              | 1,84,320.00              | <b>2,09,266.00</b>  | 1,12,166.00               | <b>1,28,417.00</b> |
| Interest on Fixed Deposit       | 32,72,259.00             | <b>32,72,259.00</b> |                           |                    |
| <b>Total</b>                    |                          | <b>80,11,393.00</b> |                           | <b>2,55,868.00</b> |

  
Accountant

  
Dy. Registrar (Accounts)


**(A) SCHEDULE – T : OTHER EXPENSES**

| Payment                      | Current Year (2010-2011) |                       | Previous Year (2009-2010) |                       |
|------------------------------|--------------------------|-----------------------|---------------------------|-----------------------|
| a) Caution Money Refund:     |                          |                       |                           |                       |
| Institute Caution Money      | 6,91,500.00              |                       | 4,76,000.00               |                       |
| Library Caution Money        | 5,000.00                 |                       | 13,000.00                 |                       |
| Hostel Caution Money         | 1,72,000.00              |                       | 1,19,000.00               |                       |
| Mess Caution Money           | 3,44,000.00              | 12,12,500.00          | 2,38,000.00               | 8,46,000.00           |
| b) Group Insurance           | 3,95,395.00              | 3,95,395.00           | 4,07,725.00               | 4,07,725.00           |
| c) Training & Placement      | 2,09,291.00              | 2,09,291.00           | 1,36,093.00               | 1,36,093.00           |
| d) Computer maint.           | 250.00                   | 250.00                | -----                     | -----                 |
| e) (I) Testing & Consultancy | 14,48,895.00             | 14,48,895.00          | 8,58,921.00               | 8,58,921.00           |
| (II) Service tax             |                          |                       | -----                     | -----                 |
| f) Other Payments            |                          |                       |                           |                       |
| G.P.F. Subscription          | 96,69,058.00             |                       | 60,98,511.00              |                       |
| T.C.C. Society               | 94,49,667.00             |                       | 93,52,765.00              |                       |
| Income Tax                   | 2,11,86,817.00           |                       | 48,11,105.00              |                       |
| Sales Tax                    | 12,813.00                |                       | 27,734.00                 |                       |
| Earnest Money                | 18,000.00                |                       |                           |                       |
| Retention Money              |                          |                       |                           |                       |
| Security Deposits            | 1,48,401.00              |                       | 35,525.00                 |                       |
| Un-Disburse Liabilities      | 3,03,500.00              |                       | 3,50,000.00               |                       |
| LIC Premium                  | 23,68,415.00             |                       | 23,23,004.00              |                       |
| Staff/Student Welfare        | 4,000.00                 |                       |                           |                       |
| Suspense Account             | 6,64,941.00              | 4,38,25,612.00        | 19,78,636.00              | 2,49,77,280.00        |
| NOIADA(dasa)                 |                          |                       |                           |                       |
| GPF own Contribution         |                          |                       |                           |                       |
| Institute Contribution       |                          |                       |                           |                       |
| Gratuity Contribution        |                          |                       |                           |                       |
| g) Convocation               |                          |                       |                           |                       |
| h) Alumni                    |                          |                       |                           |                       |
| i) Earthquake                |                          |                       |                           |                       |
| j) JREDA                     |                          |                       |                           |                       |
| k) N.S.S                     |                          |                       | 13,512.00                 |                       |
| i) NIMCET                    |                          |                       | 23,012.00                 |                       |
| m) TEQIP Interest            | 7,721.00                 | 7,721.00              | 67,805.00                 | 1,04,329.00           |
| <b>Total (A)</b>             |                          | <b>4,70,99,664.00</b> |                           | <b>2,73,30,348.00</b> |

  
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**Dy. Registrar (Accounts)**

| Payment                 | Current Year (2010-2011) |                | Previous Year (2009-2010) |                |
|-------------------------|--------------------------|----------------|---------------------------|----------------|
| (B) B/F                 |                          | 4,70,99,664.00 | B/F                       | 2,73,30,348.00 |
| j) Out Side Scholarship |                          |                |                           |                |
| Govt. of India          | 16,57,187.00             |                | 70,800.00                 |                |
| Andhra Pradesh          |                          |                | 66,174.00                 |                |
| Assam                   | 41,800.00                |                | 39,950.00                 |                |
| All Banks               | 4,66,612.00              |                | 2,44,557.00               |                |
| Bihar                   | 9,55,930.00              |                | 5,50,805.00               |                |
| All Companies           | 3,000.00                 |                | 21,000.00                 |                |
| Jharkhand               | 15,17,225.00             |                | 12,14,750.00              |                |
| Himanchal Pradesh       |                          |                | -----                     |                |
| Kerala                  | 33,044.00                |                | 27,420.00                 |                |
| Chhatisgarh             |                          |                | 24,350.00                 |                |
| Maharashtra             | 60,940.00                |                | -----                     |                |
| Meghalaya               |                          |                | 19,600.00                 |                |
| Tripura                 | 70,000.00                |                | 25,600.00                 |                |
| Uttaranchal             | 1,10,110.00              |                | -----                     |                |
| Uttar Pradesh           |                          |                | 75,980.00                 |                |
| West Bengal             | 5,39,310.00              |                | 28,100.00                 |                |
| Govt. of Karnataka      |                          |                | -----                     |                |
| Madhya Pradesh          | 22,725.00                |                | 21,525.00                 |                |
| Rajasthan               |                          |                | 3,000.00                  |                |
| Nagaland                | 12,600.00                |                | 9,600.00                  |                |
| Tamil Nadu              |                          | 54,90,483.00   | 15,550.00                 |                |
| Total (B)               | 54,90,483.00             | 5,25,90,147.00 | 24,58,761.00              |                |
| Total (T) A+B           |                          | 5,25,90,147.00 | 2,97,89,109.00            |                |

  
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Dy. Registrar (Accounts)

**SCHEDULE – U : EXPENSES FROM PLAN GRANTS / SCHEMES**


| Payment                                                            | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|--------------------------------------------------------------------|-----------------------------|------------------------------|
| 3 <sup>rd</sup> Floor Admn. Building                               |                             |                              |
| Main College Building                                              |                             |                              |
| Civil/Allied Structure                                             |                             |                              |
| Extensive Civil/PHE & Remodeling                                   |                             |                              |
| Construction of Boundary Wall around                               |                             |                              |
| Academic Complex                                                   |                             |                              |
| Computer Centre 1 <sup>st</sup> floor                              | 61,215.00                   | 11,98,115.00                 |
| Construction of Hostel Building                                    |                             |                              |
| Library Books                                                      |                             |                              |
| Construction of Staff Quarters                                     |                             | 1,89,747.00                  |
| Construction of New Quarter for faculties                          |                             |                              |
| Equipment for all Deptt.                                           |                             |                              |
| Construction of Road (Asphalt)                                     |                             |                              |
| Remodeling of Guest House                                          |                             |                              |
| Amenities to Staff/Students                                        |                             |                              |
| Construction & Development of Play ground                          |                             |                              |
| Boundary Wall around the entire campus                             |                             |                              |
| Utility Space for STD/ISD                                          |                             |                              |
| Campus Greens                                                      |                             |                              |
| Renovation of Elect Wiring for Admn. Bldg. Work Shop               |                             |                              |
| Electrical Renovation of old Staff Quarters(Recurring)             |                             |                              |
| Modernization of Class Rooms                                       | 1,28,997.00                 | 7,51,154.00                  |
| Computer Lab.-MCA                                                  |                             |                              |
| Photonics Lab.-Physics                                             |                             |                              |
| Research on Ceramic Composite                                      |                             |                              |
| Renovation-I.B., S.Q., Hostels Canteen etc.                        |                             |                              |
| Whole campus Renovation (Recurring)                                |                             |                              |
| Admn. Office & Computer Centre                                     |                             |                              |
| Provision for AC & standby D.G.in newly constructed Lib.Bldg       |                             |                              |
| Internal Telephone                                                 |                             |                              |
| Furniture for all deptt.                                           |                             |                              |
| Modernization of Kitchen for all Hostel                            |                             |                              |
| 11KVA underground distribution system                              |                             |                              |
| Internet and other communication facilities                        |                             |                              |
| Infrastructure & Development                                       |                             |                              |
| Purchase of Vehicle                                                | 48,503.00                   | 26,32,085.00                 |
| Furniture for new boys hostel & guest House                        |                             |                              |
| NIT Transit house                                                  | 1,50,000.00                 | 1,50,000.00                  |
| <b>O.S.T Grant</b>                                                 |                             |                              |
| Purchase of furniture                                              |                             | 41,14,777.00                 |
| <b>Matching Grant of Network Scheme</b>                            |                             |                              |
| a) Power system lab Elect.Engg                                     |                             |                              |
| b) Heat transfer lab Mech.Engg.                                    |                             |                              |
| <b>Centre of Excellence</b>                                        |                             |                              |
| 1. Up gradation of Computer Facilities                             |                             |                              |
| 2. Improvement of Library Facilities                               |                             |                              |
| 3. Renovation of Civil Electrical & P.H.E work (modernization)     |                             |                              |
| 4. Curriculum Development of Teacher Up Gradation (recurring exp.) |                             |                              |
| 5. Equipment for Research & Development                            |                             |                              |
| <b>Total= (A)</b>                                                  | <b>3,88,715.00</b>          | <b>90,35,878.00</b>          |

  
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**(B) EXPENSES FROM MHRD PROJECT / RESEARCH / AICTE SCHEME**

|                                                                                                                                                                                    | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------|
| A) NETWORK SCHEME<br>Upgradation of Deptt. of Prod. Engg. & Mgt.                                                                                                                   |                             |                              |
| B) MODERNIZATION OF LAB / WORKSHOP                                                                                                                                                 | 12,00,000.00                |                              |
| C) AREA OF WEAKNESS                                                                                                                                                                |                             |                              |
| D) AREA OF EMERGING TECHNOLOGY                                                                                                                                                     |                             |                              |
| E) PROGRAMME OF NEW & / OR IMPROVE TECHNOLOGY                                                                                                                                      |                             |                              |
| F) MHRD Project / scheme / research                                                                                                                                                |                             |                              |
| 1. Design & develop fabrication Holo speckle                                                                                                                                       | 13,00,000.00                |                              |
| 2. Modernization of Telematics Lab.                                                                                                                                                | 5,00,000.00                 |                              |
| 3. Mod. of Power Electro Devices                                                                                                                                                   | 10,00,000.00                |                              |
| 4. Modernization of Computing facility                                                                                                                                             | 10,00,000.00                |                              |
| 5. Mod. of removal obsolesce of the concrete structure                                                                                                                             | 14,00,000.00                |                              |
| 6. Mod. of Internet facility                                                                                                                                                       | 10,00,000.00                |                              |
| 7. Geology Project                                                                                                                                                                 | 8,96,000.00                 |                              |
| i) Modernization of Fluid Mechanics Lab                                                                                                                                            |                             |                              |
| ii) Area of weakness development of centre of advance energy research under thrust area<br>(Dr. Y. P. Yadav)<br>TEQUIP (Transfer to Separate A/C of TEQUIP)<br>Emeritus Fellowship |                             |                              |
| G) A.I.C.T.E. SCHEME                                                                                                                                                               |                             | 5,15,842.00                  |
| 1. Solar Power Generation                                                                                                                                                          | 4,70,795.00                 |                              |
| 1. Advance Ceramics Materials                                                                                                                                                      | 6,43,885.00                 |                              |
| 2. Creation of Central facility for Holography non-destructive testing                                                                                                             | 7,08,580.00                 |                              |
| 3. E.M.D. Project                                                                                                                                                                  | 8,00,000.00                 |                              |
| i) Development of Power Electro. App. Centre                                                                                                                                       | 1,35,660.00                 |                              |
| ii) Creation of central facility for advance melting facility                                                                                                                      | 3,37,365.00                 |                              |
| iii) V.L.S.I. (R.E.- 64,734.00 + N.R. 1,94,360.00)                                                                                                                                 |                             |                              |
| iv) Establishment Centre for Mobile computing                                                                                                                                      | 9,85,882.00                 |                              |
| v) Study on timber seasoning solar energy                                                                                                                                          | 11,91,260.00                |                              |
| vi) SERC (DST) Project                                                                                                                                                             | 9,250.00                    |                              |
| <b>Total - (B)</b>                                                                                                                                                                 | <b>1,35,78,677.00</b>       | 5,15,842.00                  |
| <b>Total - (A) + (B)</b>                                                                                                                                                           |                             | <b>95,51,720.00</b>          |

  
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Dy. Registrar (Accounts)



**SCHEDULE – V : ADVANCES FROM PLAN / SCHEME GRANT**


| Payment                                                                                                   | Current Year<br>(2010-2011) | Previous Year<br>(2009-2010) |
|-----------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------|
| <b>(A) PLAN GRANT</b>                                                                                     |                             |                              |
| i) Construction of Institutional Building                                                                 |                             |                              |
| ii) Construction of Hostel Building                                                                       |                             |                              |
| iii) Computation / Automation Facilities for all dept. Admn. Building & Computer Centre                   |                             |                              |
| iv) Equipment for all deptt. & office equipment                                                           |                             |                              |
| v) Furniture for all deptt. I.B. staff Qr. & Hostel                                                       |                             |                              |
| vi) Amenities to staff & student activities centre                                                        |                             |                              |
| vii) Civil & Allied structure 33KVA sub station                                                           |                             |                              |
| viii) Extensive Civil/PHE/Elect. & Remodeling of Hostel                                                   |                             |                              |
| ix) Construction of 1 <sup>st</sup> floors existing computer centre                                       |                             |                              |
| x) Construction of Boundary wall around the Academic complex                                              |                             |                              |
| xi) Construction of new qtrs. For faculties                                                               |                             |                              |
| xii) Construction of Asphalt Road                                                                         |                             |                              |
| xiii) Remodeling of guest house & Director's bungalow                                                     |                             |                              |
| xiv) Development & construction of play ground                                                            |                             |                              |
| xv) Construction of Boundary wall entire campus                                                           |                             |                              |
| xvi) Space for utility areas in Hostel complex for STD/ISD/PCO/Xeroxing convenience & eatery for students |                             |                              |
| xvii) Development of campus green                                                                         |                             |                              |
| xviii) Whole campus renovation                                                                            |                             |                              |
| xix) Modernization of class room, office equipment of all deptts./centres                                 |                             |                              |
| xx) Internet & other communication facilities & upgrading computer facilities                             |                             |                              |
| xxi) Infrastructure development & major equipt.                                                           |                             |                              |
| xxii) electrical Renovation of old Qtrs.                                                                  |                             |                              |
| xxiii) Renovation-I B/SQ/Hostel/Canteen etc.                                                              |                             |                              |
| xxiv) Provision for Air Conditioning & Stand by generator                                                 |                             |                              |
| xxv) 11 KV Distribution system through underground cable                                                  |                             |                              |
| xxvi) Deep boring & improvement of water supply                                                           |                             |                              |
| xxvii) Construction of staff Quarter & Guest house                                                        |                             | 86,000.00                    |
| xxviii) Purchase of vehicle                                                                               |                             | 4,58,179.00                  |
| xxix) <b>OSC Grant</b>                                                                                    |                             |                              |
| Purchase of furniture                                                                                     |                             | 79,91,586.00                 |
| xxx) <b>Centre of Excellence</b>                                                                          |                             |                              |
| a) Improvement of Library Facility                                                                        |                             |                              |
| b) Equipment for research & development                                                                   |                             |                              |
| c) Up gradation of computer facilities                                                                    |                             |                              |
| d) Curriculum of teachers up gradation/Dev.                                                               |                             | 85,35,765.00                 |
| <b>TOTAL (A)</b>                                                                                          |                             |                              |
| <b>(B) SCHEME GRANT</b>                                                                                   |                             |                              |
| xxvii) Modernization of fluid mechanics lab (MHRD Project)                                                |                             |                              |
| xxviii) Development of power electronics application centre (AICTE grant)                                 |                             | 43,000.00                    |
| xxvx) Advance melting facility                                                                            |                             | 20,000.00                    |
| xxx) D S T Project                                                                                        |                             |                              |
| xxx) V.L.S.I                                                                                              |                             |                              |
| xxxx) Timber Searining Solar Energy                                                                       |                             |                              |
| <b>Total (B)</b>                                                                                          |                             |                              |
| <b>Total (A+B)</b>                                                                                        |                             | <b>85,98,765.00</b>          |

  
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**Dy. Registrar (Accounts)**

## SCHEDULE – W: CLOSING BALANCES

| Particulars                                               | Reconciliation         | As per Cash Book       |
|-----------------------------------------------------------|------------------------|------------------------|
| <b>CURRENT ACCOUNT:</b>                                   |                        |                        |
| As per Bank Statement                                     | 5,54,78,376.18         |                        |
| Add – Amount wrongly debited by Bank                      | 60,000.00              |                        |
|                                                           | <b>5,55,38,376.18</b>  |                        |
| Less uncashed cheques amount                              | 3,54,80,162.00         |                        |
| Balance as per Cash Book                                  |                        | <b>2,00,58,214.18</b>  |
| <b>SAVINGS BANK ACCOUNT</b><br>(S.B.I A/C No.10678399349) | 23,10,22,071.00        |                        |
| As per Bank Statement                                     | 24,08,988.00           |                        |
| Add deposited but not credited                            | <b>23,34,31,059.00</b> |                        |
| Less wrongly credited by the Bank                         | (-) 53,805.00          | 23,33,77,254.56        |
| <b>Balance as per Cash Book</b>                           |                        |                        |
| Non – Plan A/C No. 10678399430                            |                        | 7,83,26,589.39         |
| Project grant – A/C No.10678399441                        |                        | 16,53,735.31           |
| Debt & Deposit A/C No.10678399452                         |                        | 1,45,15,588.25         |
| S.B A/C. Canara Bank A/C No - 28319                       |                        | 3,84,96,833.00         |
| Fixed Deposits                                            |                        | 8,13,99,873.00         |
| <b>Total</b>                                              |                        | <b>46,78,28,087.69</b> |

  
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**NATIONAL INSTITUTE OF TECHNOLOGY**  
**JAMSHEDPUR**

**Annual Report  
and  
Audited Annual Accounts**

**2010 - 2011**