



# **NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR**

**Annual Report  
and  
Audited Annual Accounts**

**2009 - 2010**

### LIST OF BOARD OF GOVERNERS MEMBERS

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

## BUILDING AND WORKS COMMITTEE

1.	<b>Prof. Rajnish Shrivastava</b> Director, NIT, Jamshedpur	Chairman
2.	<b>Shri N. Soi</b> Director (Finance), MHRD	Member
3.	<b>Shri R. K. Bandyopadhyay</b> Under Secretary MHRD	Member
4.	<b>Dr. Arun Kumar</b> Director, Sc. & Tech. Govt. of Jharkhand	Member
5.	<b>Prof. S.B.L. Seksena</b> Professor, NIT, Jamshedpur	Member
6.	<b>Prof. B. N. Prasad</b> Dean (D & FA) NIT, Jamshedpur	Member
7.	<b>Er. Sheel Rajneesh</b> Executive Engineer RCC, CPWD, Ranchi	Member
8.	<b>Er. D. G. Rajpali</b> Electrical Executive Engineer CPWD, Ranchi	Member
9.	<b>Prof. M. K. Banerjee</b> Registrar (I/C) NIT, Jamshedpur	Member Secretary

## MEMBERS OF FINANCE COMMITTEE

1.	<b>Mr. B. Muthuraman</b> Chairman, BOG NIT, Jamshedpur	Chairman
2.	<b>Prof. Rajnish Shrivastava</b> Director NIT, Jamshedpur	Member (Ex-Officio)
3.	<b>Mr. N. Soi</b> Director (Finance) MHRD, Govt. of India	Member (Central Govt. Nominee)
4.	<b>Dr. Arun Kumar</b> Director Dept. of Sc. & Tech Govt. of Jharkhand	Member (State Govt. Nominee)
5.	<b>Prof. Swapna Banerjee</b> Professor, IIT, Kharagpur	Member (Council Member)
6.	<b>Prof. S. B. L. Seksena</b> Professor, Elect. Engg. Deptt. NIT, Jamshedpur	Member (Senate Nominee)
7.	<b>Dr. Ramayan Singh</b> Asstt. Professor NIT Jamshedpur.	Member (Senate Nominee)
8.	<b>Prof. M. K. Banerjee</b> Register (I/c), 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 2009-10, 60 companies visited the Institute for placement and we were able to achieve 100 percent job placement for the eligible students.

(Prof. Rajnish Shrivastava)  
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 distance 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, Tinplate 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, Telco 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 and 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 early 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 fro 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 amoung 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. Out Training and Placement Department provides facilities to different companies to conduct written tests and interviews for Campus Recruitment fom 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 2009-10, 60 companies visited the Institute for placement and the training and placement cell was able 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 PI/C	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 2009-2010**

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

SL. NO.	BRANCH	QUOTA	OP	OPPH	SC	SCPH	ST	STPH	OB	OBPH	TOTAL	NO. OF STUDENT ADMITTED	SEAT REMAIN VACANT
01.	CIVIL	ALL INDIA	24	—	06	—	03	—	06	—	39	522	08
		JHARKHAND	23	—	06	—	03	01	07	—	40		
02.	CSE	ALL INDIA	23	—	06	01	05	—	07	—	42		
		JHARKHAND	23	—	06	—	04	—	07	01	41		
03.	EEE	ALL INDIA	23	01	06	—	03	—	08	—	41		
		JHARKHAND	23	—	06	—	04	—	07	—	40		
04.	ECE	ALL INDIA	23	01	05	—	05	—	08	—	42		
		JHARKHAND	23	—	05	—	04	—	07	01	40		
05.	MECH	ALL INDIA	23	01	07	—	01	—	08	—	40		
		JHARKHAND	23	—	07	01	04	—	08	—	43		
06.	MET	ALL INDIA	23	—	06	—	04	—	07	—	40		
		JHARKHAND	23	—	06	—	03	01	07	—	40		
07.	PROD	ALL INDIA	11	01	04	—	01	—	04	—	21		
		JHARKHAND	11	—	04	—	01	01	04	—	21		
		<b>TOTAL</b>	<b>299</b>	<b>04</b>	<b>80</b>	<b>02</b>	<b>45</b>	<b>03</b>	<b>95</b>	<b>02</b>	<b>530</b>		

- 2) 08 students from Nepal were admitted against DASA (Direct admission Scheme Abroad).  
 3) 02 students from Sri Lanka and 01 from Bangladesh were admitted under ICCR Scholarship Scheme.

**B). M. TECH/MCA STUDENTS ADMITTED IN THE SESSION 2009-2010**

COURSE	SANCTIONED INTAKE	STUDENT ADMITTED
A) MCA 3 years 6 <sup>th</sup> Semester Course	78	62
B) M. Tech. 2 years 4 <sup>th</sup> Semester Course	54	xxx
i) Surface Sc. & Engg. (Chemistry Deptt.)		Nil
ii) Power System (Electrical Deptt.)		06
iii) C.I.D.M (Mechanical Deptt.)		15
iv) A. Foundry Technology B. Extractive Met. (Met. Engg. & Mat. Sc.)		Nil
v) VLSI (ECE)		

**B). RESULT OF B. TECH. (HONS.) 8TH SEMESTER 2010 EXAMINATION**

SL.	BRANCH	STUDENTS APPEARED	STUDENTS PASSED	STUDENTS FAILED
01.	CIVIL ENGG.	48	48	Nil
02.	ELECTRICAL ENGG.	59	59	
03.	ELECTRONICS ENGG.	62	62	
04.	MECHANICAL ENGG.	71	71	
05.	PRODUCTION ENGG.	19	19	
06.	MET. ENGG. & MAT. SC.	46	46	
07.	COMPUTER SC. & ENGG.	60	60	

**PLACEMENT DETAILS OF 2006 BATCH : 2010 Passing Out**  
**SESSION 2009-2010**

<b>Sl. No.</b>	<b>Name of Company</b>	<b>Electronics &amp; Comm. Engg. (62)</b>	<b>Electrical Engg. (59)</b>	<b>Computer Sc. &amp; Engg. (60)</b>	<b>Mech. Engg. (71)</b>	<b>Civil Engg. (48)</b>	<b>Production &amp; Industrial Engg. (18)</b>	<b>Metallurgical Engg. &amp; Mat. Sc. (46)</b>	<b>MTech (26)</b>	<b>MA (38)</b>	<b>Total (428)</b>	<b>Package (LPA)</b>
1	DRDO	3(1*)	0	1(1*)	1						5(2*)	5.60
2	IOCL	-	3	-	3	-	-	1	-	-	7	7.83
3	TATA STEEL	2(1*)	4	-	6	0	-	3	-	-	15(1*)	5.6
4	Ashok Leyland	-	-	-	3(1*)	-	1*	-	-	-	4(2*)	3.5
5	Telcon	-	-	-	1	-	1	-	-	-	2	4.00
6	Mahindra(FES)	-	-	-	9	-	2	-	-	-	11	3.6
7	TRF Ltd.	-	2	-	3	2	-	-	-	-	7	4.2
8	JUSCO		2		1	1					4	5.4
9	ISPAT Industries	2	3		2			4			11	3.0
10	NTPC		4		4						8	8.0
11	TATA Motors	-	-	-	4	-	2	-	-	-	6	4.91
12	Mu Sigma	5	1	2	0	0	0	1	-	-	9	3.3
13	KEC	-	2	-	-	3	-	-	-	-	5	2.58
14	Soma Enterprise					2					2	2.36
15	JSL				2			1			3	4.2
16	Vedanta		5		4	1	1	9			20	3.3
17	Gammon India					4					4	3.25
18	HDIL					6					6	3.5
19	Gati Infra					4					4	3.00
20	TCS	11	4	17	0					17	49	3.15
21	Samsung (SEL)			9							9	4.41-4.7
22	Hindalco		2		2			2			6	3.20
23	CCCL					4(1*)					4(1*)	3.60
24	Punj Lloyd				1	2					3	3.84
25	Infosys	13	8	13	0	5(1*)	3	0	0	9	51(1*)	3.25
26	Arcelor Mittal							2			2	3.5
27	IBM	8		8(1*)						7	23(1*)	3.23
28	Tata Tinplate							4			4	2.97
29	Tata Steel IT Division	1*	1*	1*							3(3*)	5.60
30	JAL							2			2	7.3
31	VISA STEEL							2			2	2.65
32	TCE		1		1	1					3	3.24
33	Adani Group	2	2		1						5	3.50
34	L & T Limited				4		1				5	3.43
35	L & T ECC		1		2	4(3*)					7(3*)	2.93
36	TVS Motors						1	1			2	3.5
37	TATA STEEL (GS)		-		-						0	5.6
38	TEGA Industries				1						1	2.55
39	Tech Mahindra	3	1	3		2				1	10	2.98

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	Bollineni Castings & Steel Ltd.											
41	Tata Power		0		2						2	3.6
42	Simplex Infrastructure					3					3	3.0
43	Usha Martin	2						7	2		9	1.8
44	HPCL	2	3		1	2					8	9.46
45	CIL		12(6*)		6(5*)						18(11*)	6.11
46	BPCL				7(7*)						7(7*)	8.5
47	Essar Steel				1			3(3*)			4(3*)	3.5
48	L&T IES	-	-	-	-	-	-				0	2.5
49	Maruti		2(2*)		4(4*)						6(6*)	4.22
50	NMDC		3(3*)		2(2*)						5(5*)	4.5
51	Wipro VLSI	2(1*)									2(1*)	3.25
52	Belzabar			-							0	4.3
53	Ador Welding	1					1	1			3	2.1
54	Bhushan Steel	3(1*)	2		4	2	3	2(1*)			16(2*)	2.3
55	Incture Technologies			3				1		1	5	3-3.5
56	IBM	5(5*)		7(7*)							12(12*)	3.23
57	Tata Auto Components						2(1*)				2(1*)	2.8
58	Reliance Infra		9(9*)		8(7*)						17(16*)	4.5
59	Bharti Infratel		1(1*)		5(5*)						6(6*)	3.5
60	CSC			4(4*)				1(1*)		1(1*)	6(6*)	3.5-3.75
	Strength	62	59	60	71	48	18	46	26	38	428	
	Placed	54(9*)	56(22*)	55(13*)	63(19*)	44(18*)	16(2*)	42(6*)	3	35(1*)	367(90*)	
	Unplaced	8	3	5	8	4	2	4	24	03	61	

**Total No. of Students placed – 367 / 428**

**Total Job Offers = 457**

**Placement Session started on 15<sup>th</sup> July 2009.**

#### 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 \*

#### Calculation:

Summation of one job offer in each column / 1 = Total no. of students with one job offer

Summation of two job offers in each column / 1 = Total no. of students with two job offers

## DEPARTMENT OF CIVIL ENGINEERING

Head of the Department : Dr. A. K. L. Srivastava

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 : 118 projects were done during 2009-2010
7. Research Paper published in Journals/Conferences :

***International Journal :***

1. **Kumar Shailendra** and Barai S. V. (2009). Effect of softening function on the cohesiv crack fracture parameters of concrete CT specimen. *Sadhana-Academy Proceedings in Engineering Science* 36(6) : 987-1015.
2. **Kumar Shailendra** and Barai S. V. (2009). Influence of loading condition and size-effect on the  $K_R$  curve based on the cohesive stress in concrete. *International Journal of Fracture* 156 : 103-110.
3. **Kumar Shailendra** and Barai S. V. (2009). Equivalence between stress intensity factory and energy approach based fracture parameters of concrete. *Engineering Fracture Mechanics* 76: 1357-1372.
4. **Kumar Shailendra** and Barai S.V. (2009). Weight function approach for determining crack extension resistance based on the cohesive stress distribution in concrete. *Engineering Fracture Mechanics* 76 : 1131-1148.
5. **Kumar Shailendra** and Barai S. V. (2009). Determining double- $K$  fracture parameters of concrete for compact tension and wedge splitting tests using weight function, *Engineering Fracture Mechanics* 76 : 935 - 948.

***National Journal :***

- 8 Workshop / Seminar / short term course attended :

1. A. K. L. Srivastava, Pravin Kumar, "Buckling and Vibration of Stiffened plates with cutouts under concentrated load", International Journal of Crashworthiness Vol. 14, No. 5, pp. 425-435, 2009.
  2. A. K. L. Srivastava, "Vibration and dynamic instability of plates with cutout with varying stiffener length" 3<sup>rd</sup> International congress on Computational Mechanics and Simulation and Indian Association for Computational Mechanics and Simulation (ICCMS09) at I.I.T. Bombay, during Dec. 1-5, 2009.
  3. A. K. L. Srivastava, Praveen Kumar P. K. Datta, "Vibration of partial stiffened plates subjected to partial edge loading", Fifth International Conference on Theoretical, Applied computational and Experimental mechanics (ICTACEM 2010), December, 27-29, 2010 in Aerospace Engg Department at I.I.T. Kharagpur. Proceeding pp 402-405.
9. Laurel & Distinction :

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Annual Report 2009-2010

1. (i) Name of the Head : Dr. S. B. L. Seksena
- (ii) Name of the Coordinator : Mr. Binod Kumar Singh
2. Faculty Position : Professor - Nil  
                                    Associate Professor - Nil  
                                    Assistant. Professor - 04

<b>Sl. No.</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Highest Qualification</b>	<b>Area of Specialization</b>
1.	Mr. Rajiv Ranjan Suman	Assistant Professor	M. Tech. (Comp. Sc. & Engg.), Pursuing Ph.D at IIT Khargapur	Compiler Design, Design Analysis of Algorithms, DBMS, Computer Networks.
2.	Mr. Binod Kumar Singh	Assistant Professor	M. Tech. (Comp. Sc. & Engg.), IIT Roorkee	Software Engg., Operating Systems, DBMS, Computer Architecture, Computer Networks
3.	Mr. Sanjay Kumar	Assistant Professor	B.E. (Mysore University) Pursuing Ph.D under Ranchi University	Computer Networks, Artificial Intelligence, Parallel Processing, Mobile Computing
4.	Mr. Dilip Kumar	Assistant Professor	B.E. (BIT Sindri)	Data Structures, Operating Systems, Internet Technology, Network Security.

**3. Name of Laboratories :**

- i) Software Lab. Equipped with P-IV PCs, Intel Servers & Desk-Jet Printer
- ii) Hardware Lab. (Under Development)
- iii) Computer Networking Lab. Equipped with P-IV PCs, Intel Servers
- iv) Multimedia Lab. (Under Development)
- v) Artificial Intelligence Lab. (Under Development)

**4. New Acquisitions : NIL**

**5. Research Facilities : NIL**

**6. Consultancy & Testing : NIL**

**7. Research paper published in journals/conferences : Nil**

**8. Workshop / Seminar / Short term courses attended:**

Short term course/Workshop attended by each faculty members of CSE department

**9. Laurel & Distinction : Nil**

**DEPARTMENT OF COMPUTER APPLICATIONS**

Annual Report 2009-2010

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

<b>Sl. No.</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Degree</b>	<b>Specialization</b>
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 (On Study Leave)	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

(b) Research paper published in Conferences

8. **Workshop/seminar/short-term course attended :**

Ashok Kumar Mehta , attended short term training programme on “MATLAB and SIMULINK” offered by the Electrical Engineering Department at National Institute of Technology, Rourkela, during 12<sup>th</sup> to 16<sup>th</sup> August 2009.

9. **Laurel & Distinction** : Nil

## ELECTRICAL ENGINEERING DEPARTMENT

1. Name of the Head : Dr. Niranjan Kumar

2. Faculty positions :

Sl. No.	Name of the faculty	Designation	Highest Qualification July 2009 – June 2010	Area of Specialization
1.	Dr. S. B. L. Seksena	Professor	Ph.D. 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. Niranjan 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
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 H<sub>2</sub>/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 numbers of candidates 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) **Sinha, U. K.**, Sharma, S. P. & Seksena, S. B. L., "Enhancement in Thermal Performance of Solar Pond with Corrugated Bottom by Extracting Heat From Lower Convective Zone." **International Journal of ARISE, 2009.**

- (ii) **Sinha, U. K.**, Sharma, S. P. & Seksena, S. B. L., "Some Aspects of Gain Linearization of Negative Temperature Coefficient (NTC) Thermistor." **International Journal of ARISE, Vol. 5, No. 2, pp. 109-117, 2009.**
- (iii) **Sinha, U. K.**, Sharma, S. P. & Seksena, S. B. L., "Performance Prediction of Salt Gradient Solar Pond with Heat Extraction Scheme." **International Journal of ARISE, 2010-02-REEF.**
- (iv) **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 Modelling and Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010, N. I. T. Jamshedpur, INDIA.**
- (v) **Sinha, U. K.**, Sharma, S. P. & Seksena, S. B. L., "Modelling of Solar Thermal Power Plant with Parabolic Trough Solar Concentrator." **Golden Jubilee National Conference on Modelling and Simulation in Heat Transfer and Fluid Flow, July 09-10, 2010, N. I. T. Jamshedpur, INDIA.**
- (vi) **Sinha, U. K.**, Sharma, S. P. & Seksena, S. B. L., "Modelling and Simulation of Parabolic Trough Collector for High Temperature Solar Thermal Power Generation Systems." **National Conference on Problems Practices and Prospects in Power Distribution Systems Operation and Control (NCPPPPDSOC 2009), Punjab Engineering College Chandigarh, 23-24, Jan-2009.**
- (vii) **Kumar, N.**, Reddy, Y.R.V., Das, D. & Padhy, N.P., "Transmission Cost Allocation by using MW-Mile Approaches in a Restructured Indian Power System." **IEEE Power & Energy Society GM 2010.**
- (viii) Lal, D.K., Denesh, M.S. & **Akella, A.K.**, "Modelling and Analysis for Hybrid Power Generation in India." **National Conference on Future Perspective Renewable Energy Source, KIIT University, pp-61 to 67, Dec -2009.**
- (ix) **Akella, A.K.**, Saini, R. P., Sharma, M.P., "Social economical and environmental impacts of Renewable Energy System." **Science Direct, ELSEVIER International Journal, Renewable Energy, Vol.34, pp – 390 to 396, 2009.**
6. Workshop/ Seminar/ Short Term Course attended : Nil
7. Laurel and Distinction: Nil

## DEPARTMENT OF MATHEMATICS & HUMANITIES

1. Name of the Head : 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	Mr. H.S. Prasad	Assistant Professor	M.Sc. (Lean for Ph.D.)	Stability Theory
4	Dr. R. Singh	Assistant Professor	Ph.D.	Special Functions

**(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. (Lean for Ph.D.)	Comparative Literature

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. Consultancy & Testing : Nil
7. Research paper publish in Journals/conferences : 02
- (a) T. Mandal entitled "Interactive Fuzzy Programming Approach in Decision Making", International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST), 11-13 January, 2010 at N.I.T. Rourkela (Orissa).
- (b) T. Mandal entitled "Probability Distribution & Its Applications with Expression", CONIAPS XI 11<sup>th</sup> International Conference of the International Academy of Physical Sciences, 20-22 February, 2010, Institute of Interdisciplinary Studies, University of Allahabad.
8. Workshop/seminar/short term course attended : Nil
9. Workshop/seminar/short term course organised : Nil
10. Laurel & distinction : 01
- (a) Dr. T. Mandal was invited as Presiding as Judge for Break the Shell of CRYPTEX '09 held on 14-02-2009 to 15-09-2009 at N.I.T. Jamshedpur organized by Dept. of Computer Science & Engg., N.I.T. Jamshedpur.

## 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 Professor	Ph.D (Roorkee University)	Heat Transfer, Fluid flow, Solar Energy.
2.	Prof. J. N. Yadav Professor	Ph.D (Ranchi University)	Mechanism & Machine Theory
3.	Prof. S. Sharan Professor	M. E. (Allahabad University)	Machine Design
4.	Prof. R. V. Sharma Prof. & Head	Ph. D (I.I.T., Kharagpur)	Heat Transfer, CFD & Energy Studies.
5.	Prof. S. Kumar Professor	Ph. D (Roorkee University)	Heat Transfer (Boiling) Tribology
6.	Dr. R. K. Prasad Associate Professor	Ph. D (Roorkee University)	Fluid Mechanics & Solar Energy
7.	Dr. M. K. Paswan Associate Professor	Ph. D (Ranchi University)	Solar Energy, Heat Transfer, Termal Engg., Workshop
8.	Dr. Sanjay Associate Professor	Ph. D (UP Technical Uni.)	Combined Cycle Power Plants, Energy Conversion System.
9.	Dr. S. P. Sharma Associate Professor	Ph. D (Roorkee University)	Thermal Engg., Heat Transfer, Solar Energy.
10.	Dr. S. K. Singh Associate Professor	Ph. D. (Roorkee University)	Thermal Engg. & Heat Transfer
11.	Dr. H. N. Singh Associate Professor	Ph. D (Roorkee University)	Thermal Engg. & Heat Transfer
12.	Dr. Laljee Prasad Assistant Professor	Ph. D (Roorkee University)	Heat Transfer
13.	Sri Malay Niraj Assistant Professor	M.Sc. Engg. (Ranchi University)	Production Management
14.	Dr. Naresh Prasad Assistant Professor	Ph. D (N.I.T., Rourkela)	Composite Material
15.	Dr. Mrs. P. Chand Assistant Professor	Ph. D (Ranchi University)	Thermal Engg., Aerodynamics, Solar Energy
16.	Dr. P. Kumar Assistant Professor	Ph. D. (IIT, Rorkee)	Thermal Engg., Regrigeration & Air Conditioning.
17.	Dr. K. D. P. Singh Assistant Professor	Ph. D (Ranchi University)	Thermal Engg., & Solar Energy
18.	Dr. M. K. Sinha Assistant Professor	Ph. D. (IIT, Kharagpur)	Thermal Engg., & CFD
19.	Sri A. K. Prasad Assistant Professor	M. Sc. Engg. (Ranchi University)	Production Management & Energy Conservation.

**3. Name of Existing Laboratories :**

- a. Automobile Engg. Laboratory
- b. Applied Thermodynamics Laboratory
- c. I. C. Engine Laboratory
- d. Heat Transfer Laboratory
- e. Refrigeration and Air Conditioning Laboratory
- f. Thermodynamics model Laboratory
- g. Solar Energy Laboratory
- h. CAD/CAM/Robotics Laboratory
- i. Metrology Laboratory
- j. Mechanism and Vibration Laboratory
- k. Fluid Mechanics & Machinery
- l. Strength of Materials Lab.
- m. Gas dynamics Lab.

**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. Reserach papers published in Journals/conferences**

- (i) "R. V. Sharma, A. K. Mishra and Susmita Saha" Numerical Simulation of Three Dimensional Natural Convection in a porous box heated from below "proceedings of 20th National and 9th International ISHNT / ASME Heat and Mass Transfer Conference, January 4 – 6, 2010, Mumbai India.
- (ii) Prabha Chand and S. P. Sharma, "Thermal performance prediction of Extended Absorber solar Air Heater" proceedings of the 20th National and 9th International ISHNT - ASME Heat and Mass Transfer Conference. January 4 – 6, 2010, IIT Mumbai, India, Page 1130-1136.
- (iii) "Sanjay, O. Singh and B. N. Prasad", Comparative Performance Analysis of Cogeneration Gas Turbine Cycle for Different Blade Cooling Means", International Journal of Thermal Sciences, Volume 48, Issue 7, Pages 1432-1440, July 2009.
- (iv) Sanjay, O. Singh, B. N. Prasad, "Comparative Evaluation of Gas Turbine Power Plant Performance for Different Blade Cooling Means", Journal of Power Energy, Transactions of Institution of Mech. Engg. (IMechE), U.K., Vol. 223 No. A. pp 71-82.

## METALLURGICAL AND MATERIALS ENGINEERING

**Name of Head :** Dr R. J. Singh

<b>Faculty Member, their highest qualification Name, Degree, Univ / Instt.,</b>	<b>Rank</b>	<b>Specializations</b>
Dr R.J.Singh, Ph.D., R.U.	Prof.& Head	Foundry Tech., Steel Tech., Alloy. Tech. Corrosion Engg.
Dr S.N. Sinha, Ph.D., IIT,Bom (On lien)	Professor	Process Met. of Iron & Steel, including Ladle Met/Foundry Tech.
Dr M.K.Agrawal, Ph.D., B.H.U.	Associate Professor	Process Met(Steel), Transport Phenomena, Pneumatic process.
Dr R.P.Singh, Ph.D., IIT,KGP.	Associate Professor	Ferrous Process Metallurgy
Dr S.K.Sahay, Ph.D. (U.K), Cambridge	Associate Professor	Physical Metallurgy, Phase Transformation
Sri C.S.Choudhary, M.Tech., NIT,JSR	Assistant Professor	Ext. Met. of Iron & Steel
Dr. Ashok Kumar, Ph.D., IIT,KGP.	Assistant Professor	Mechanical Metallurgy, Fatigue, Fracture and Failure Analysis
Sri B.K.Singh, M.Tech., NIT,JSR	Assistant. Professor	Foundry Tech.
Dr. Ranjit Prasad, Ph.D., R.U.	Assistant. Professor	Engg.Geology, Mineral Beneficiation,
Shree Anshul Gupta	Lecturer (on contract)	
Ms Supriya	Lecturer (on contract)	

**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 & chromium ore beneficiation. Development of Testing of Materials

**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 , Computational 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 and Metallography, Foundry Technology, Process Met Lab-II, Electro-Hydro, Heat Treatment, Workshop & Geology. Computational Lab

**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. Ranji Prasad of DST project title "Investigations on the thermo-chemistry of the interaction of chromite spinels and silica under differ3nt conditions ". Rs 1505449/

**Testing and consultancy : Nil**

**Publication in refered 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.MahatoM.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
4. Dr .R. P. Singh , Effect of Temperature Department Heat capacity solid Addition – Melt System upon Instant Interface Temperature at the time of Dunking of the additive in the Bath , 15th International Metallurgy and Materials Congress (11- 13. Nov2010 (Istanbul )
5. Dr. R.P.Singh ,Conjugated Conduction Controlled solidification and melting of a melt – Bath Material onto a plate shaped Additive with their variable Heat capacity – " Golden Jubilee National Conference on modeling and solidification in Heat Transfer and fluid flow , June – 11-12 , 2010, NIT, Jamshedpur India.

**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,
6.	A. Kumar S.B. Singh, K.K. Ray" On fatigue behavior of short Cracks induced by bainite content in ferrite bainite dual phase steels, Materials Research Society of India (MRSI) feb -14 – 16 . 2011, Page No. 85.
7.	A. Kumar S.B. Singh, K.K. Ray "Fatigue threshold of Low carbon ferrite bainite Steels , NMD ATM- Nov- 14 – 16( 2011 )

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

1. Dr. R.J.Singh, Structural Changes during Galvanizing Process NMD- 2010 Bangalore.  
Dr. R.J.Singh Reviewer for "TATA RESEARCH" published by TATA STEEL – 2010

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

1. 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.
2. Dr M.K.Agrawal , Vice Chairman , The Indian Institute of Metals , Jamshedpur Chapter (2011 – 2013).
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)
5. Dr.. Ashok Kumar, Executive member, Institute of Metals , Jamshedpur Chapter – 6
6. Prof. C.S.Choudhary, visiting faculty, B.A. collage of Engineering & Technology, Jamshedpur

**Invited Lecture:**

**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** :

<b>Sl. No.</b>	<b>Name of Faculty</b>	<b>Designation</b>	<b>Highest Qualification</b>	<b>Area of Specialization</b>
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. Publications in Journals/ Conferences:

## Journal Publications of Dr U.Laha amnd B.Kundu

Ujjwal LAHA and Bibekanand KUNDU," On the s-wave Jost solution for Coulomb-distorted nuclear potential", Turk J Phys pp.149-157, 34(2010).

## **Journal Publications of Dr U.Laha**

H.L.Yadav, R.K. Jaiswal and P.K.Barhai, " Design and Analysis of Double Aperture Holo Speckle Interferometer Using Compact Holographic Lenses", Int.J. Pure and Applied Physics, Vol.6, No.4, pp.439-445(2010).

Conference Papers of Dr H.L.Yadav , Rajeev Ranjan, et.al.

R. Ranjan , A. Khan ,N.R.Chakraborty, H.L. Yadav, "Use of holography lenses Recorded in Dichromated Gelatin Film for PV Concentrator applications to minimize Solar Tracking", IASME/WSEAS International Conference (EE'09) on Energy and Environment at University of Cambridge . UK During 24<sup>th</sup> -26<sup>th</sup> Feb, 2009

A.Ghosh, , A. Khan , R. Ranjan , N.R.Chakraborty, H.L. Yadav, "Applications of Holographic Optical Elements as a Dispersive Concentrating System for Photovoltaic Power Generation", Fibre Optics and Photonics Conference, 12-15 Dec 2010, IIT Guwahati, India, pp.463(2010).

A.Ghosh, and H.L.Yadav, " Measurement of Flow Velocity of Fluid by Lasewr Doppler Anemoetry", Golden Jubilee National Conference on Modelling and Simulation in Heat transfer and Fluid Flow, 11-12 June, 2010, NIT Jamshedpur, India

A.Ghosh , H.L.Yadav and P.K Barahi, "Design and Analysis of Optical System consisting of Holographic Lenses for Laser Doppler Anemometry", Fibre Optics and Photonics Conference, 12-15 Dec 2010, IIT Guwahati, India, pp. 462 (2010)

7. Laurel & distinction: 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 :

Name	Designation	Highest Qualification	University/Institute	Specialization
Dr. U. C. Roy (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. Amresh Kumar	Assistant Professor	Ph. D	Jadavpur University	CAD/CAM
Dr. S. B. Prasad	Assistant Professor		IIT, Roorkee	Machine Design

3. Name of Laboratories

- (a) CAD/CAM Lab.
- (b) Advance Welding Lab.
- (c) Advance Foundry Lab.
- (d) Metal Cutting & Forming Lab.
- (e) Industrial Engg. AND Ergonomics Lab. (Under development)
- (f) Non - Traditional Manufacturing Lab. (Under development)
- (g) Advance Manufacturing Lab. (Under development)

4. New Acquisitions : Nil

5. Research & Development : Nil

6. Consultancy & Testing : Nil

7. Research Paper published in Journals / Conferences :

- (i) Dr. A. M. Tigga
- (ii) Dr. D. Patel
- (iii) Dr. Raj Ballav
- (iv) Sri S. N. Prasad
- (v) Dr. Amresh Kumar
- (vi) Dr. S. B. Prasad

8. 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

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

**4. New Acquisitions :** Nil

**5. Research Facilities :** Available for Corrosion Studies and Thermodynamic Studies.

**6. Laurel & Distinction :** Mr. Shailesh Kumar Prasad has been awarded Ph.D degree in Chemistry from Ranchi University on 1<sup>st</sup> May 2010.

## 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. S. N. Singh	Associate Professor	Ph.D. (Engg),	Power Electronics, Image Processing, VLSI and Embedded systems
2	Dr. A. Choubey	Associate Professor	Ph.D.(Engg)	Soft Computing and Digital Signal Processing
3	Prof. A. Kumar	Associate Professor	M.Sc (Engg.),	Analog and Digital Electronics, Digital Communication & VLSI
4	Dr. Shyam Sundar Prasad	Assistant Professor	Ph.D. (Engg),	Direct Digital Synthesis and applications, Multiuser Detection for Mobile Communication,
5	Prof. A. Prakash	Assistant Professor	M.Sc.Engg,	Signal Processing, VLSI Engg., Communication N/W
6	Prof. B. S. Munda	Assistant Professor	M.Sc (Engg)	Basic/Advanced Electronics and Power electronics
7	Prof. D. Kumar	Assistant Professor	M.Sc. (Engg.)	Communication, Analog Electronics and Power Electronics.
8	Prof. R. Sinha	Assistant Professor	M.SC. (Engg,)	Power Electronics, Digital and analog Electronics
9	Prof. J. Kumar	Assistant Professor	M.Sc. (Engg )	Digital Electronics, Microprocessor and Embedded System.

**02. B. Faculty Position (Contract)**

Sl. No.	Name and Designation of faculty member	Designation	Highest Qualification	Area of Specialization
1.	Prof. Amitesh Kumar	Assistant Professor	M. Tech	Electronics and Communication (Optical Communication)
2.	Prof. Jyoti Athiya	Assistant Professor	M. Tech	Microelectronics and VLSI Design
3.	Mr. Hareram Jha	Lecturer	B.Sc. (Engg.)	Electronics and Communication Engg.
4.	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 and 1 (one) workshop with state of art facilities :

The department of electronics and communication engg. primarily has eight (08) laboratories, 1(one) VLSI Centre and one workshop division dealing with the following areas:

- Basic Electronics Lab
- Digital Signal Processing and Optical Fibre Communication Lab
- Analog and Digital Communication System
- Microprocessor and Microcontroller 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/ 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, Software-(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, Digital 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, Xilinx, Magma, Synopsis, etc.

**05. M. Tech Program**

Two courses- VLSI and Embedded System & Communication Engineering are approved, out of which the course VLSI and Embedded System is running presently.

**06. Research & Development**

The research scholars and faculties of the department are doing their research work in the following area of cutting edge technology:

- Development of Solar Intelligent Inverter
- The faculty has developed software in the areas of communication technology and power electronics:
- Modeling & simulation in the area of Communication using soft computing approach.
- RF communication link for control system.

## 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
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  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.
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  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**

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 : Nil
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

## STUDENTS ACTIVITY CENTRE

1. Name of the Head Coordinator( SAC) : Dr. A.K.L.Srivastava  
Co coordinator (SAC) : Prof. S.R. Pandey
2. Prof.-in-Charge Sports : (1) Prof. Jaynendra Kumar  
: (2) Prof. Ashok Kumar
3. Coordinator OJass : Dr. Sanjay  
Co coordinator Ojass : (1) Shailendra Kumar  
: (2) Prof. M.K.Sinha
4. Coordinator Utkarsh : Prof. Rajeev Ranjan  
Co coordinator Utkarsh : (1) Prof. Amit Prakash  
: (2) Prof. Rashmi Sinha
5. Sri Jagdish Singh : P.T.I.

### **Important Programmes organized by our Institute during 2009 -2010**

UTKARSH -2010 (National Level Cultural Fest during 19<sup>th</sup> to 21<sup>th</sup> March 2010)  
OJASS – 2010 : 19<sup>th</sup> to 21<sup>th</sup> March 2010

### **Event at a Glance**

<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>
Aalap	Le Chanteuse	Quiz
Classical Music	Antakshari	Debate Competition
Xcuse Me	Creative Writing	Grand Guignol ( Skit)
JAM	Rangoli Contest	Wyslwig
Ad Mad Show	Beauty and Brains	Dumb Charades
Face Painting	Personality Contest	T-Shirt Painting
Question Mark	Fashion Show	Filmi Antaksha
Eurhythamics'	Kavi Sammelan	NIT DJ

Programs on Republic Day	26 <sup>th</sup> January 2010
ATHELETIC MEET – 2010	12 <sup>th</sup> and 14 <sup>th</sup> February 2010
Programs on Ambedkar Jayanti	on 14 <sup>th</sup> April 2010
Programs on Independent Day	15 <sup>th</sup> August 2010
Programs on selection procedure for CDS members	25 <sup>th</sup> to 26 <sup>th</sup> August 2010

**Our Institute students participated in the following programmes at other Institute during 2009 – 2010**

- |  |   |
|--|---|
| 1. Athletic Meet , NIT Suratkal                        | 12 <sup>th</sup> to 14 <sup>th</sup> Dec. 2009  |
| 2. Basket Ball Tournament at NIT, Surat                | 12 <sup>th</sup> to 14 <sup>th</sup> Dec. 2009  |
| 3. All NIT Cricket Tournament at Rourkela              | 15 <sup>th</sup> to 18 <sup>th</sup> Dec. 2009  |
| 5. PARAKRAM'2010 Basket Ball Tournament at ISM Dhanbad | 02 <sup>nd</sup> to 04 <sup>th</sup> April 2010 |
| 6. Foot Ball Tournament at NIT Rourkela                | 18 <sup>th</sup> to 20 <sup>th</sup> Dec. 2010  |
| 7. Volley Ball Tournament at JRD TATA                  | 2010  |

**LIST OF FACULTY AS ON 31.03.2010**

<b>Sl. No.</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Pay Scale Slab</b>	<b>Educational Qualification</b>	<b>Date of Retirement</b>
<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.	Sri Prahlad Prasad	Assistant Professor	15,600-39,600 + 6,000	M.E.	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. Saksena	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 (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.	Sri Niranjan Kumar	Associate Professor	37,400-67000 + 9,000	M Tech.	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/Suspn.)	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 h	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	B. E.	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. Anjani Kumar (on VRS)	Professor,	37,400-67000 +10,000	Ph. D.	28.02.2020
53.	Dr A. M. Tigga	Associate Professor	37,400-67000 + 9,000	Ph. D.	30.09.2025
54.	Sri A.K. Jha	Associate Professor	37,400-67000 + 9,000	M. Tech	31.01.2027
55.	Dr. D. Patel	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.07.2029
56.	Sri S. N. Prasad	Assistant Professor	15,600-39,600 + 6,000	M. Tech	28.02.2018
57.	Dr. S. B. Prasad	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.01.2031
58.	Dr. Raj Ballav	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.01.2031
59.	Dr. Amresh Kumar	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.07.2034
<b>COMPUTER SCIENCE &amp; ENGINEERING DEPARTMENT</b>					
60.	Sri B. K. Singh	Assistant Professor	15,600-39,600 + 6,000	M. Tech	30.04.2036
61.	Sri R. R. Suman	Assistant Professor	15,600-39,600 + 6,000	M. Tech	30.04.2029
62.	Sri Sanjay Kumar	Assistant Professor	15,600-39,600 + 6,000	B. E.	31.07.2030
63.	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>					
64.	Dr. B. N. Prasad	Professor,	37,400-67000 +10,000	Ph. D.	31.05.2016
65.	Dr. J. N. Yadav	Professor,	37,400-67000 +10,000	Ph. D.	31.12.2015
66.	Sri Shambhu Saran	Professor,	37,400-67000 +10,000	M. E.	31.07.2014
67.	Dr. M. K. Paswan	Associate Professor	37,400-67000 + 9,000	Ph. D.	31.07.2029
68.	Dr. R. V. Sharma	Associate Professor	37,400-67000 + 9,000	Ph. D.	31.10.2027
69.	Dr. Sailendra Kumar	Associate Professor	37,400-67000 + 9,000	Ph. D.	31.10.2024
70.	Dr. M.K. Paswan	Associate Professor	37,400-67000 +9,000	Ph. D	31.07.2029
71.	Dr. Sanjay	Associate Professor	37,400-67000 + 9,000	Ph. D.	30.06.2034
72.	Dr. S. P. Sharma	Associate Professor	37,400-67000 + 9,000	Ph. D.	31.12.2017
73.	Dr. Laljee Prasad	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.10.2032
74.	Sri Malay Niraj	Assistant Professor	15,600-39,600 + 6,000	M. Sc. Engg	31.12.2037
75.	Dr. Naresh Prasad	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.01.2029
76.	Dr. Parmanand Kumar	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.12.2029
77.	Dr. Prabha Chand	Assistant Professor	15,600-39,600 + 6,000	Ph.D.	31.03.2034
78.	Dr. K. D. P. Singh	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.12.2028
79.	Dr. H. N. Singh	Associate Professor	15,600-39,600 + 6,000	Ph. D.	30.04.2019
80.	Dr. R. K. Prasad	Associate Professor	15,600-39,600 + 6,000	Ph. D.	31.01.2019
81.	Sri S. Pradhan	Associate Professor	15,600-39,600 + 6,000	M.E.	31.01.2011
82.	Dr. S. K. Singh	Associate Professor	15,600-39,600 + 6,000	Ph. D.	30.09.2018
83.	Sri Anil Kumar Prasad	Assistant Professor	15,600-39,600 + 6,000	M. Sc. Engg.	31.07.2031
<b>DEPARTMENT OF COMPUTER APPLICATION</b>					
84.	Dr. A. Mishra	Professor,	37,400-67000 +10,000	Ph. D.	31.07.2011
85.	Sri A. K. Mehta	Associate Professor	37,400-67000 + 9,000	M. Tech	31.12.2023
86.	Sri D. K. Yadav	Associate Professor	37,400-67000 + 9,000	M. Tech	31.05.2032
87.	Sri Dilip Kumar Shaw	Assistant Professor	15,600-39,600 + 6,000	M. C. A.	31.07.2031
88.	Dr. D.A. Khan	Assistant Professor	15,600-39,600 + 6,000	Ph. D	30.04.2029
<b>DEPARTMENT OF PHYSICS</b>					
89.	Dr. Y.P. Yadav,	Professor,	37,400-67000 +10,000	Ph. D.	31.01.2020
90.	Dr. U. Laha	Associate Professor	37,400-67000 + 9,000	Ph. D.	30.11.2026
91.	Dr. H. L. Yadav	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.01.2027
92.	Sri Rajiv Ranjan	Assistant Professor	15,600-39,600 + 6,000	M. Sc.	31.07.2030
93.	Sri A. K. Singh	Assistant Professor	15,600-39,600 + 6,000	M. Sc.	31.05.2033
94.	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>					
95.	Dr. M.K. Banerjee	Professor,	37,400-67000 +10,000	Ph. D.	30.06.2011
96.	Dr. A. K. Choudhary	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.01.2017
97.	Dr. S.K. Prasad	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.12.2033
<b>DEPARTMENT OF MATHEMATICS</b>					
98.	Dr. S. Jha, Head	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	28.02.2023
99.	Dr. Tarni Mandal	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.12.2021
100.	Dr. Ramayan Singh	Assistant Professor	15,600-39,600 + 6,000	Ph. D	31.07.2025
101.	Sri H. S. Prasad	Assistant Professor	15,600-39,600 + 6,000	M. Sc.	31.12.2032
<b>DEPARTMENT OF HUMANITIES</b>					
102.	Dr. Rajeev Bhushan	Assistant Professor	15,600-39,600 + 6,000	Ph. D.	31.07.2026
103.	Smt. M. Kapoor	Assistant Professor	15,600-39,600 + 6,000	M.Phil	30.09.2022

### LIST OF GROUP 'C' EMPLOYEES AS ON 31.03.2010

Sl. No.	Name of the Post	Scale of Pay	Name of the Present Incumbent & Department Where working.	Educational Qualification	Date of Retirement
1.	Jr. Accounts Clerk	5200-20200 + 2400	Sri. N. N. Mukhi, A.E. Sec.	B.Com	30-11-2018
2.		5200-20200 + 2400	Sri. Thakur Mardi, Acct. Sec.	B.Com	31-05-2013
3.		5200-20200 + 2400	Sri. Khageshwar Mahato, Acctt. Sec.	B.Sc.	30-09-2020
4.		5200-20200 + 2400	Sri. N.K. Jha, Director's Office	B. Com.	31-01-2026
5.		5200-20200 + 2400	Sri. Arun Pandit, Account Sec.	M. Com.	31-01-2024
6.	<b>Jr. Audit Clerk</b>	5200-20200 + 2400	Sri. Muralidhar Behra, A/C Sec.	B. Com.	31-10-2021
7.	LDC	5200-20200 + 2400	Sri. Lekh Chandra, ECE	B.Com	30-11-2015
8.		5200-20200 + 2400	Sri. N.L. Rajak, Acad. Sec.	B. Com.	31-01-2021
9.		5200-20200 + 2400	Sri. B.K. Kalindi, A.E. Section	B. Com.	31-12-2021
10.		5200-20200 + 2400	Sri Bimal Kumar Mahato, Acctt. Sec.	M.Com	31.01.2015
11.		5200-20200 + 2400	Sri. T.K. Kar, Civil Engg. Deptt.	B.Sc.	31-10-2022
12.		5200-20200 + 2400	Sri. Manoj Kumar Prasad, Acad. Sec.	B. Com.	31-10-2022
13.		5200-20200 + 2400	Sri. Raj Kumar Baitha, Mech.Engg. Deptt	B.A.	31-03-2034
14.		5200-20200 + 1900	Smt. Kanak Kumari Esstt. Section	B.A	30.06.2038
15.	Reception Clerk	5200-20200 + 2400	Sri. Arjun Kumar Singh, Academic.	B.A.	31-12-2033
16.	Library Clerk	5200-20200 + 2400	Sri. Tarkeshwar Kumar, Estate Sec.	B. Com.	30-06-2025
17.	Jr. Stenographer	9300-34800 + 4200	Sri R. K. L. Das, Central Stores	I. Sc.	29.2.2012
18.		5200-20200 + 2400	Sri A. Sanyal, Director Office	B.Sc.	30.9.2023
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 + 2400	Sri Baliram Kumar, Estate Sec	B.A.	30.6.2029
22.	Store-keeper	5200-20200 + 2400	Sri Bansilal Sardar, Elect. Engg. Deptt.	I.Com	31.1.2023
23.		5200-20200 + 2400	Sri Chaman Lal, Acctt. Section.	B.Com	31.5.2022
24.	Bus- Driver	5200-20200 + 2400	Sri Kailash Jha, Vehicle Sec.	Non-Matric	31.8.2022
25.		5200-20200 + 1900	Sri Sanjay Kr. Sinha, Vehicle Sec.	Matric	30.4.2029
26.		5200-20200 + 1900	Sir K.P. Singh, Vehicle Sec.	N.- Matric	31.8.12.2030
27.	Pick-Up Drive	5200-20200 + 2400	Sri Hemant Sal, Vehicle Sec.	IX Pass	31.8.2026
28.	Compounder	5200-20200 + 1900	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.	S.K. Cum-Clerk	5200-20200 + 2000	Sri S.K. Gupta, Registrar's Office	B.Com	28.02.2030
31.	Lab. Assistant	5200-20200 + 2800	Sri A Qaiyum, Civil Engg. Deptt.	B.Sc.	31.01.20013
32.	Typist clerk	5200-20200 + 2400	Sri Dashrath Singh-T & Placement	B.A.	28.02.2031
<b>ELECTRICAL ENGINEERING DEPARTMENT</b>					
33.	S.K. Cum-Clerk	5200-20200 + 2000	Sri R.K. Pramanik, Esstt.Sec..	M.Com	31.10.2028
34.	Typist clerk	5200-20200 + 1900	Smt. S. Tanty, Estt. Section	M. A	30.06.2018
<b>METALLURGICAL ENGG.</b>					
35.	S. K. Cum-Clerk	5200-20200 + 2400	Sri Mahesh Rajak, Estt. Section	B. Com	31.10.2023
36.	Typist Clerk	5200-20200 + 2400	Sri Suman Kumar, Account Sec.	B.A /M.B.A.	31.08.2029
37.	Section-Cutter-cum-S.K.	5200-20200 + 2000	Sri Anil Kumar, Physics	B.Sc.	31.03.2027
<b>PHYSICS DEPTT.</b>					
38.	Typist Clerk	5200-20200 + 2400	Sri Nabo Kishore Mahto, Lib.	M.Com	31.09.2022
<b>CHEMISTRY DEPTT.</b>					
39.	S. K. Cum-Clerk	5200-20200 + 2400	Sri Shailesh Kumar, Dean's Office	B.Com	30.9.2024
40.	Typist Clerk	5200-20200 + 2400	Sri Sanjay Chatterjee, Production	B.Com	30.4.2026
<b>MATHEMATICS DEPTT</b>					
41.	Typist Clerk	5200-20200 + 2400	Sri S.N. Yadav, PCM	B. Sc	31.12.2025
<b>HUMANITIES DEPARTMENT</b>					
42.	Typist Clerk	5200-20200 + 2400	Sri S.N. Sharma, C/W	B.A	31.10.2009
<b>MECHANICAL ENGG.</b>					
43.	S. K. Cum-Clerk	5200-20200 + 2400	Sri Urmilesh Jha, Central Store	B. A.	31.1.2023
44.	Lab Assistant		Sri T.K. Mishra, Mechanical Engineering	B.Sc.	30.9.2013
<b>ELECTRONICS DEPTT.</b>					
45.	Office-Clerk-cum Typist	5200-20200 + 1900	Mrs. Boby Banerjee , Mech., Engg.	B.Sc.	31.12.2035
46.	Store-Keeper	5200-20200 + 2800	Sri Naresh Kr. Pathak, Elect. Engg.	B.A.	30.11.2025
<b>COMPUTER SC. &amp; ENGG.</b>					
47.	Store-Keeper	5200-20200 + 2400	Sri R.P. Sinha, A.P..	B.Sc.	31.01.2023
48.	Tech. Assistant	5200-20200 + 2800	Sri Sudhir Kumar Sinha, Computer Centre	B.Sc. (Hons)	30.11.2032
<b>PRODUCTION ENGG.</b>					
			<b>D.C.A.</b>		
49.	Clerk-Cum- Typist	5200-20200 + 1900	Sri Ashutosh Ranjan, Comp. Center	B.A.	31.8.2033
50.	Store-Keeper	5200-20200 + 2400	Sri Shailesh Kr. Roy D.C.A.	B.Com	30.6.2025

<b>Sl. No.</b>	<b>Name of the Post</b>	<b>Scale of Pay</b>	<b>Name of the Present Incumbent &amp; Department Where working.</b>	<b>Educational Qualification</b>	<b>Date of Retirement</b>
<b>COMPUTER CENTER</b>					
51.	Computer Operator/ 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.		5200-20200 + 2800	Sri Lalan Sharma, Workshop	Matric	30.04.2009
54.	Mech. 'B'	5200-20200 + 2800	Sri Mahendra Tiwary Workshop	Matric	31.07.2010
55.		5200-20200 + 2800	Sri Baldeo Pramanic, Workshop	Matric	31.07.2009
56.		5200-20200 + 2800	Sri H.K. Ghosh, Workshop	N. – Matric	31.11.2009
57.		5200-20200 + 2800	Sri K.K. Chakraborty, Computer Centre	I. Sc.	30.11.2015
58.		5200-20200 + 2000	Sri Rabindra Pd., Mechanical Engg.	Matric	28.02.2027
59.		5200-20200 + 2000	Sri Satyadeo Singh, W/S	Matric	31.08.2025
60.		5200-20200 + 2000	Sri Sanjeev Kumar Elect. Engg.	I. Sc.	30.04.2033
61.		5200-20200 + 2000	Sri Gupteshwar Prasad, Workshop	Matric	30.06.2027
62.		5200-20200 + 2000	Sri Sanjay Kr. Estate Section	I.A.	31.01.2037
63.		5200-20200 + 2000	Sri P.K. Mal, E & M.R.	I. A.	30.06.2033
64.	Store Keeper	5200-20200 + 2400	Sri Gopaljee Ram, A/C	B.Com	31.03.2026

### LIST OF GROUP 'D' EMPLOYEES AS ON 31.03.2010

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.	Matric	31.07.2033
2.	Watchman	5200-20200 +1800	Sri Hem Sagar Gope, Estate Sec.	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.	Daftari	5200-20200 +1800	Sri V.P. Mahto, Academic 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	Sri P.C. Mahto, Med. Sec.	Literate	31.12.2019
9.	Medical Attendant	5200-20200 +1800	Sri Vishal Kuamr, Academic Section	B.A	31.05.2040
10.	Peon/Darwan/Choukidar/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 Jouhari 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 Buccu Jha, Physics 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, Chemistry	Literate	31.05.2024
22.		5200-20200 +1800	Sri G.C. Das, Prod. Engg.	Literate	31.05.2022
23.		5200-20200 +1800	Sri Prahlad Singh Munda, Expired	Literate	31.05.2022
24.		5200-20200 +1800	Sri Anup Kumar Mahto, Comp. Centre	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, Account 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, Elect. Engg.	Literate	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
32.		5200-20200 +1800	Sri Panda Pradhan, Estt. 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
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, Computer Centre	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, A.E. Section	Illiterate	31.08.2024
43.	Sweeper	5200-20200 +1800	Sri Suresh Mukhi, Retired	Illiterate	31.08.2011
44.		5200-20200 +1800	Sri Lushu Mukhi, Expired	Literate	31.08.2014
45.		5200-20200 +1800	Sri Nandu Mukhi,(UnderSuspension)H'B'	Literate	31.08.2013
46.		5200-20200 +1800	Sri Fulchand Mukhi, Hostel 'A'	Literate	30.06.2014
47.		5200-20200 +1800	Sri Sadashiv Mukhi, Sweeper	Literate	30.04.2024
48.		5200-20200 +1800	Sri Subhash Mukhi, Estate Section	Literate	30.04.2021
49.		5200-20200 +1800	Sri Krishna Mukhi, Estate Sec.	Literate	31.10.2026
50.		5200-20200 +1800	Sri Bir Pd. Mukhi, Maths. Deptt.	Literate	31.10.2030
51.		5200-20200 +1800	Sri Bishambhar Mukhi Estate Section.	Literate	31.05.2025
52.		5200-20200 +1800	Sri Hagru Mukhi Estate Sec.	Literate	31.10.2031
53.		5200-20200 +1800	Sri Bihari Mukhi, Estate Sec.	Literate	31.05.2025
54.		5200-20200 +1800	Sri Rabi Mukhi-I, G.H	Literate	31.05.2034
55.		5200-20200 +1800	Sri Bidheshi Mukhi-I, Estate Sec.	Literate	31.07.2029
56.		5200-20200 +1800	Sri Ravi Mukhi-II, Hostel.	Literate	31.05.2027
57.		5200-20200 +1800	Sri Arjun Mukhi, Hostel.	Literate	31.07.2026
58.		5200-20200 +1800	Sri Ganesh Shrestha, P.G. H.	Matric	31.05.2038
59.		5200-20200 +1800	Smt. Devi Mukhi, Estt. Sec.	Illiterate	30.09.2032
60.		5200-20200 +1800	Sri Mahesh Mukhi, Hostel -B	Illiterate	30.09.2035
61.		5200-20200 +1800	Smt. Shanti Mukhi, Girls Hostel	Illiterate	30.09.2029
62.		5200-20200 +1800	Sri Bideshi Mukhi-II Estate Sec.	Illiterate	30.04.2030
63.	Elect. Helper	5200-20200 +1900	Sri B.P. Sarangi, E.M.R.	Matric	31.03.2010
64.		5200-20200 +1900	Sri J.P. Gupta, E.M.R.	Inter	31.12.2012
65.		5200-20200 +1800	Sri Bhola Prasad, E.M.R.	Literate	28.02.2021
66.		5200-20200 +1800	Sri Bankey Mishra, E.M.R.	Non- Matric	31.12.2025
67.		5200-20200 +1800	Sri M.N. Kalibarta, E.M.R.	Literatre	30.09.2018

Sl. No.	Name of the Post	Scale of Pay	Name of the Present Incumbent & Department Where working.	Educational Qualification	Date of Retirement
68.	Lab. Attendant/ Office Attd.	5200-20200 +1900	Sri Ram Narayan Prasad, Retired	Matric	29.08.2011
69.		5200-20200 +1800	Sri Damu Tiue, Civil Engg.	Literate	31.07.2023
70.		5200-20200 +1800	Sri Ram Awadh Ram, TEQIP	Literate	30.09.2025
71.		5200-20200 +1800	Sri Chhote Lal Soren, Estt. Section	Matric	31.05.2038
72.		5200-20200 +1800	Sri Krishna Rajak, Elect. Engg.	Matric	30.11.2023
73.		5200-20200 +1800	Sri Binod Kr. Satpathy, Comp. Cen.	B.A., D. in C. A.	30.04.2022
74.	Office Attendant	5200-20200 +1800	Sri Deo Kr. Mahto, Elect, Engg.	Literate	31.07.2010
75.		5200-20200 +1800	Sri Makhan Lal Electronics	Non-Matric	30.11.2028
76.	Mech. Engg. Deptt. Lab. Attendant	5200-20200 +1800	Sri Dilip Kr. Mahto Retired	Literate	31.08.2010
77.		5200-20200 +1800	Sri Anukul Kumhar, Dean Acad. Office	Matric	30.04.2018
78.		5200-20200 +1800	Sri Deo Naryan Mahto, Expired.	I.A, D. in C. A.	31.08.2027
79.	Met. Engg. Deptt. Lab Attendant	5200-20200 +1800	Sri P.B. Paswan, Met. Engg.	Literate	30.09.2013
80.		5200-20200 +1800	Sri Parmeshwar Mahto, Met Engg.	Matric	31.12.2016
81.		5200-20200 +1800	Sri S.S. Mandal, Met. Engg.	Literate	30.11.2023
82.	Applied Mech. Office Attendant	5200-20200 +1800	Sri Dilip Mahali, Workshop	Literate	30.09.2024
83.		5200-20200 +1800	Smt Chanchala Pradhan, Applied Mech.	Illiterate	30.11.2020
84.	Lab. Attendant	5200-20200 +1800	Sri Jyotilal Singh, Hostel-B	Matric	31.08.2029
85.	Lab Attendant	5200-20200 +1800	Sri M.S. Pati, Computer Center	Matric	28.02.2021
86.		5200-20200 +1800	Sri M.K. Jha, Director's Office	Intermediate	30.06.2037
87.	Office Attendant	5200-20200 +1800	Sri Abdhesh Rajak, Estate Section.	Illiterate	31.12.2039
88.	Chemistry Department	5200-20200 +1800	Sri Kalu Nayak electronics	Literate	31.05.2032
89.	Lab Attendant	5200-20200 +1800	Sri Suresh Pradhan, A. P. Section	Literate	30.10.2033
90.	Office Attendant	5200-20200 +1800	Sri Raghu Nath Raut Retired	Non-Matric	28.02.2011
91.	Workshop. Office Attendant	5200-20200 +1800	Sri Charan Gorai, Director's Office	Non-Matric	30.09.2035
92.		5200-20200 +1800	Sri M.M. Ekka, Workshop	Illiterate	31.12.2023
93.		5200-20200 +1800	Sri Rajendra Rajak, Workshop	Non-Matric	31.03.2023
94.		5200-20200 +1800	Sri Rajesh Kumar, Workshop	Illiterate	31.03.2026
95.		5200-20200 +1800	Sri Kashi Prasad, Workshop	Illiterate	31.10.2019
96.		5200-20200 +1800	Sri Kamal Kant Das, Guest House.	Illiterate	31.05.2027
97.		5200-20200 +1800	Sri S.S. Sahu, Estate Section	Matric	31.05.2030
98.		5200-20200 +1800	Sri Janmejay Sardar, P.G. Hostel	Illiterate	31.10.2035

Sl. No.	Name of the Post	Scale of Pay	Name of the Present Incumbent & Department Where working.	Educational Qualification	Date of Retirement
99.		5200-20200 +1800	Sri Murali Mahto, Estate Section	Literate	31.12.2036
100.		5200-20200 +1800	Sri Gora Ch. Mahto, Retired	Literate	31.08.2011
101.		5200-20200 +1800	Sri Suraj Kumar, Estate Section	Illiterate	30.09.2030
102.		5200-20200 +1800	Sri Lal Mohar Singh, Hostel	N.M.	30.09.2020
103.		5200-20200 +1800	Sri Nitish Das, Director Office.	Matric	30.09.2034
104.		5200-20200 +1800	Sri Dayamay Prajapati, Hostel-G	Non-Matric	31.08.2026
105.		5200-20200 +1800	Sri Karmu Mahto, Retired	Literate	31.08.2011
106.		5200-20200 +1800	Sri Nagen Mahto, Estate Sec.	Illiterate	31.08.2012
107.		5200-20200 +1800	Sri Ugra Sen Mukhi, Retired	Illiterate	31.08.2011
108.		5200-20200 +1800	Sri Mohan Mahto Hostel-E	Illiterate	30.06.2014
109.		5200-20200 +1800	Sri Jai Singh Mukhi Hostel-A	Illiterate	30.06.2014
110.		5200-20200 +1800	Sri Pahar Singh Mukhi Hostel-F	Illiterate	28.02.2019
111.		5200-20200 +1800	Sri Sita Ram Mukhi Hostel-G	Illiterate	28.02.2021
112.		5200-20200 +1800	Sri Sarad Mjkhi Expired	Illiterate	30.04.2020
113.		5200-20200 +1800	Sri Mangal Mukhi Hostel-D	Illiterate	30.04.2024
114.		5200-20200 +1800	Sri Ramesh Mukhi Estate Sec.	Illiterate	30.04.2025
115.		5200-20200 +1800	Sri Jitendra Sardar, Estate Section	Literate	31.05.2020
116.		5200-20200 +1800	Smt. Singo, Retired	Literate	31.05.2010
117.		5200-20200 +1800	Sri Devendra Mahato, Hostel Darwan	Literate	31.05.2018
118.		5200-20200 +1800	Smt Sunaina Devi, Library	Literate	31.05.2021
119.		5200-20200 +1800	Smt. Belmati, Hostel Sweeper	Literate	31.05.2015
120.		5200-20200 +1800	Smt. Padmabati Devi, Comp. Sc.	Literate	31.05.2016
121.		5200-20200 +1800	Sri Khokha Ram Mahato, H. Sweeper	Illiterate	30.09.2030
122.		5200-20200 +1800	Smt Kanchan Devi, Hostel	Illiterate	30.09.2025
123.		5200-20200 +1800	Smt. Raimani Devi, Estate Section	Illiterate	30.09.2020
124.		5200-20200 +1800	Sri Haldhar Sardar, E.M.R	Illiterate	30.09.2034
125.		5200-20200 +1800	Smt Sachini Devi, Estate Section	Literate	30.09.2026
126.		5200-20200 +1800	Sri Dharmendra Mardi, Account Section	I. Com.	30.05.2035
127.		5200-20200 +1800	Smt Bistu Devi, Workshop	Illiterate	31.10.2012
128.		5200-20200 +1800	Sri Jouhar Mukhi, H. Sweeper, Hostel	Illiterate	31.10.2030
129.		5200-20200 +1800	Sri Basant Mukhi, Estate Section	Illiterate	30.04.2028
130.	Lab Attendant	5200-20200 +1800	Sri Dina Nath Prasad, Met. Engg.	Matric	31.01.2021
131.		5200-20200 +1800	Sri Giri Pradhan, EMR.	Illiterate	28.02.2031
132.	Attend. -Cum.- Cook	5200-20200 +1800	Sri Nagen Paira, Retired	Non-Matric	31.08.2011
133.	Plumbing Helper	5200-20200 +1800	Sri Hira Lal Mahanty, Mech. Engg.	Non-Matric	31.01.2015

<b>Sl. No.</b>	<b>Name of the Post</b>	<b>Scale of Pay</b>	<b>Name of the Present Incumbent &amp; Department Where working.</b>	<b>Educational Qualification</b>	<b>Date of Retirement</b>
134.		5200-20200 +1800	Sri. Mani Lal Yadav, Library	Non- Matric	28.02.2023
135.	Account Section	5200-20200 +1800	Sri Kamlesh Das, Rec. Supplier, S. Store	Matric	30.06.2019
136.	Lab Attendant	5200-20200 +1800	Sri Suresh Prasad, E.M.R.	Literate	31.03.2036
137.	Guest House:Mali	5200-20200 +1800	Sri Gopal Murmu, Chief Warden Office	Illiterate	31.12.2023
138.	Darwan	5200-20200 +1800	Sri Bhola Pd. Yadav, Hostel.	Matric	31.07.2026
139.		5200-20200 +1800	Sri Matbar Sardar, Estate Sec.	Literate	31.05.2029
140.		5200-20200 +1800	Sri Motilal Gour, Estate Sec.	Literate	31.10.2028
141.	Civil Maintenance Helper	5200-20200 +1800	Sri Basu Gour, Hostel	Literate	31.10.2030
142.		5200-20200 +1800	Sri Sarweshwar Mukhi, Hostel.	Literate	31.12.2036
143.		5200-20200 +1800	Sri Gurwa Mukhi, Estate Section	Literate	30.12.2039
144.		5200-20200 +1800	Sri Chandra Mohan Mukhi Accounts.	Literate	30.06.2040
145.	Lab attendant	5200-20200 +1800	Sri Bidya Sagar Gupta, Esstt. Section	Matric, with ITI	31.01.2022
146.	Office Attendant	5200-20200 +1800	Sri Aditya Mahali, TAP	Literate	31.10.2035
147.	Lab attendant	5200-20200 +1800	Sri Raghu Nath Mukhi, Prod. Engg,	Literate	31.08.2026
148.	M.C.A.Lab attendant	5200-20200 +1800	Sri Sunil Gour, Estate Section	Literate	31.12.2033
149.	Office Attendant	5200-20200 +1800	Sri Anand Pradhan, DCA	Literate	31.03.2028
150.	Hostel Choukidar	5200-20200 +1800	Sri Mathura Sardar, Estate Section	Literate	31.08.2031
151.		5200-20200 +1800	Sri R.K. Jha, Estate Section	Literate	31.12.2040
152.		5200-20200 +1800	Sri Tapan Mahto, Estate Section	Literate	31.12.2031
153.		5200-20200 +1800	Sri Bimal Gour, Estate Section	Literate	31.12.2034
154.		5200-20200 +1800	Sri Parmath Mukhi Estate Section	Literate	30.04.2031
155.	Sweeper	5200-20200 +1800	Smt. Sarswati Mukhi, Hostel	Literate	30.04.2030
156.	Computer Science Lab Attendant	5200-20200 +1800	Sri Aditya Satpati Comp. Sc.	Matric	31.10.2022
157.	Office Attendant	5200-20200 +1800	Bablu Sardar, Computer Centre	Literate	31.08.2033
158.	CAD/CAM	5200-20200 +1800	Sri Bhaskar Pradhan Director's Office	Literate	31.12.2033

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**NATIONAL INSTITUTE  
OF TECHNOLOGY  
JAMSHEDPUR  
831 014**



**AUDITED  
ANNUAL ACCOUNT  
FOR THE  
YEAR 2009-2010**

**OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT)**  
**JHARKHAND, RANCHI**

No. **OAD-C-SAR-NIT-2009-10-126**

Dated : **19/07/2011**

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 31st March 2010**

Sir,

I am to enclose a copy of Audit Report and Audit Certificate along with audited Annual Accounts of NIT, Jamshedpur for the year 2009-10 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**

*Mridule S - T -*

Principal Accountant General (Audit)  
(Jharkhand, Ranchi)

**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of National Institute of Technology, Jamshedpur for the year ended 31st March 2010**

We have audited the attached Balance Sheet of National Institute of Technology, Jamshedpur (Institute) as on 31st March 2010 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 to 4) of the National Institute 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) Unspent balance refundable to Ministry / Grant sanctioning authority Rs. 1786.86 lakhs.**

Unspent balance of Rs. 1786.86 lakhs (Plan Grant of Rs. 1092.34 lakh, OSC grant of Rs. 519.44 lakh AICTE grant of Rs. 30.96 lakh, MHRD scheme grant of Rs. 133.47 lakh, communication & Information Technology scheme grant of Rs. 7.99 lakh and other Grant (Central/State Government) of Rs. 2.66 lakh) was not shown separately in the Current Liabilities as refundable to Ministry and grant sanctioning authority. Instead it has been shown under different heads of Capital and Liabilities. This resulted in understatement of Current Liabilities and overstatement of Capital and Liabilities to the extent of Rs. 1786.86 lakhs.

**(ii) Understatement of liability under the head unspent balance refundable to the Ministry - Rs 1363.09 Lakhs.**

The Institute had unspent balance of Rs. 1363.09 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 excess of income over expenditure by Rs. 1363.09 lakh.

**(iii) Outstanding loan of Rs. 48.96 lakh**

Review of Annual Accounts for the year 2009-10 revealed that there was outstanding loan of Rs. 48,96,407 (Hostel Building - Rs 31.01 lakh+Staff Quarter - Rs. 17.95 lakh)

Though the Institute had not refunded the loan till date yet the outstanding loan was not shown in the liability side of the Balance Sheet. Only Rs. 7.90 lakh interest on outstanding loan was shown in the head Current Liability of the Balance sheet (Schedule-3.1). This need to be reconciled.

**1.2 Assets****(i) Fixed Assets**

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.

**(ii) Overstatement of Current Assets by Rs. 8.66 lakh**

Scrutiny of Investment Register, Short Term Deposit Receipt (STDR) and Current Assets (Schedule-5-A-xvii) revealed that the Institute exhibited Rs. 38.06 lakh instead of Rs. 29.40 lakh under the head interest accrued but not due during the year 2009-10. This resulted in overstatement of Current Assets by Rs. 8.66 lakh.

**B. INCOME AND EXPENDITURE ACCOUNT**

**(i) Understatement of Income - Rs. 137.09 lakh**

Institute earned income to the tune of Rs. 137.09 lakh (schedule-D) under the head Hostel admission fee, sports, cultural Association Development Fee and interest from unspent balances which were not accounted for in the Income and Expenditure account. This resulted in understatement of income by Rs. 137.09 lakh.

**C. RECEIPT AND PAYMENT ACCOUNT**

**(i) Understatement of Receipt under head 'Un cashed Cheque' Rs. 12.65 lakh**

Cheques for Rs. 12.65 lakh issued by the Institute between March 2002 and March 2010 but not encashed became time-barred and as such the liability to the extent of Rs. 12.65 lakh remained undisposed. This resulted in understatement of cash and bank balance as well as liability to that extent.

**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 entire accounts 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, authenticities of figures were doubtful.

**(ii) G. P. F. Investment : Rs. 63.58 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.

**E. GRANTS - IN - AID**

Out of the grants-in-aid of Rs. 2349.75 lakh (Plan: Rs. 200.00 lakh and Non-Plan: Rs. 2149.75 lakh) received during the year, the Institute could utilize a sum of Rs. 1952.93 lakh (Non-Plan Rs. 1898.28 lakh and plan Rs. 54.65 lakh), leaving a balance of Rs. 396.82 lakh (Plan Rs. 145.35 lakh and Non Plan Rs. 251.47 lakh) as unutilized grant as on 31st March 2010. The Institute received Rs. 700.00 lakh in non-Plan grant during March 10.

**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 31st March 2010, and
  - b. In so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

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

*Mridule S - T -*  
**Principal Accountant General (Audit)**  
**Jharkhand, Ranchi**

Place : **Ranchi**

Date : **19.07.2011**

## **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, 2010**

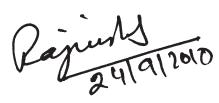
(Amount - Rs.)

<u>CORPUS/CAPITAL FUND AND LIABILITIES</u>	Schedule	Current Year (2009-2010)	Previous Year (2008-2009)
CORPUS/ CAPITAL FUND	1	2,55,03,776=79	2,49,12,142=79
GRANTS/LOAN	2	89,77,10,952=92	87,79,00,428=92
<b>CURRENT LIABILITIES AND PROVISIONS</b>			
A. CURRENT LIABILITIES	3	48,41,28,493=98	42,32,77,584=02
B. PROVISION		3,14,34,128=00	2,83,98,305=00
<b>TOTAL</b>		<b>1,43,87,77,351=69</b>	<b>135,44,88,460=73</b>
<b>ASSET</b>			
FIXED ASSETS	4	74,78,51,676=09	73,85,79,924=29
<b>CURRENT ASSETS, LOAN, ADVANCES ETC.</b>	5	61,17,43,920=30	
A. CURRENT ASSETS			54,92,63,750=14
B. LOANS, ADVANCES & OTHER ASSETS		7,91,81,755=30	6,66,44,786=30
<b>TOTAL</b>		<b>1,43,87,77,351=69</b>	<b>135,44,88,460=73</b>
SIGNIFICANT ACCOUNTING POLICIES	14		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	15		

  
 Accountant

  
 Dy. Registrar (Accounts)

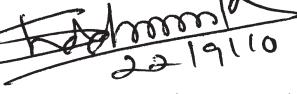
  
 Registrar (I/C)

  
 Director

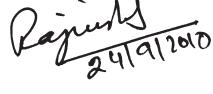
**FORM OF FINANCIAL STATEMENT (NON –PROFIT ORGANISATIONS)****INCOME AND EXPENDITURE ACCOUNT****FOR THE PERIOD / YEAR ENDED - 31-03-2010**

(A) INCOME	SCHEDULE	Current Year (2009-2010)	Previous Year (2008-2009)
<u>Grant/Subsidies</u>			
Non – Plan grant	6	21,49,75,000=00	18,78,94,000=00
Fees & subscription	7	3,90,97,592=00	2,34,85,896=00
Interest earned	8	78,35,047=00	54,34,602=00
Misc income	9	21,54,185=00	52,15,444=00
<b>Total(A)</b>		<b>26,40,61,824=00</b>	<b>22,20,29,942=00</b>
<b>(B) Expenditure</b>			
Establishment expenses	10	20,47,69,717=00	13,18,07,613=00
Other administrative expenses	11	3,16,44,591=00	2,48,93,364=00
Expenditure on grants subsidies etc.	12	25,00,000=00	21,60,000=00
Add expenditure of march(prov.) over past year	13	30,35,823=00	
<b>Total(B)</b>		<b>24,19,50,131=00</b>	<b>15,88,60,977=00</b>
Excess of income over expenditure Add Interest for Past year	A-B	2,21,11,693=00	6,31,68,965=00 26,46,139=00
transfer to balance sheet		2,21,11,693=00	6,58,15,104=00
Significant accounting policies	14		
Contingent liabilities and Notes on accounts	15		

  
22/9/10  
Accountant

  
22/9/10  
Dy. Registrar (Accounts)

  
22/9/2010  
Registrar (I/C)

  
24/9/2010  
Director

PARTICULARS	SCHEDULE	Current Year (2009-2010)	Previous Year (2008-2009)
<b>Schedule – 1</b>			
<u>Corpus/Capital fund</u>	1		
(A) Corpus Fund		50,51,151=69	50,07,574=69
(B) Staff Development Fund		17,01,340=00	16,43,321=00
(C) Maintenance fund		6,54,013=00	6,31,710=00
(D) Depreciation fund		6,54,014=00	6,31,711=00
(E) Institute Dev. Fund		1,74,43,258=10	1,69,97,826=10
<b>Total</b>		<b>2,55,03,776=79</b>	<b>2,49,12,142=79</b>

**Schedule – 2**

CAPITAL AND LIABILITIES:			
<u>Grants</u>			
(A) Free hold land	2.1	21,13,47,700=00	21,13,47,700=00
(B) Plan grant		57,21,57,124=50	55,23,07,124=50
(C) Scheme grant		7,25,56,469=66	7,25,56,469=66
(D) Other project		4,15,51,138=28	4,15,90,614=28
(E) Research grant		98,520=48	98,520=48
<b>Total</b>		<b>89,77,10,952=92</b>	<b>87,79,00,428=92</b>

**Schedule – 3**

<b>(A) Current Liabilities</b>			
(a) Interest accrued on govt, loan		7,89,883=50	7,89,883=50
(b) Outside scholarship	3.1	24,43,779=56	14,93,668=56
(c) Collection from students & others		9,78,69,507=28	8,44,16,862=28
(d) Sundry deposits		6,24,24,590=31	4,46,90,125=31
(e) Balance on GPF A/Cs		6,57,59,078=00	5,58,20,464=37
(f) Balance on CGI A/Cs		36,55,053=00	33,08,181=00
(g) Balance on outside A/Cs		2,40,82,068=42	2,28,76,825=90
(h) Balance on TEQIP fund		8,01,26,075=00	10,37,00,002=19
(i) Excess of Income on –expenditure		12,82,93,263=91	10,61,81,570=91
(j) Interest of TEQIP Fund		1,86,85,195=00	
<b>Total (A)</b>		<b>48,41,28,493=98</b>	<b>42,32,77,584=02</b>
<b>(B) Provision</b>			
a) Plan fund			
b) Non -Plan Fund		3,14,34,128=00	2,83,98,305=00
<b>Total (B)</b>			<b>2,83,98,305=00</b>

Accountant

Dy. Registrar (Accounts)

Registrar (IC)

Director

(Amount - Rs.)

	Current Year (2009-2010)	Previous Year (2008-2009)	
<b>SCHEDULE - 4</b>			
A. Freehold land	21,13,47,700=00		21,13,47,700=00
B. Out of plan grant	34,21,14,272=27		33,73,76,498=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		<u>3,44,84,314=40</u> <b>65,63,11,451=09</b>
E. OSC Grant	41,14,777=00	<b>66,55,85,902=09</b>	
E. Out of TEQIP account	8,01,26,075=00	8,01,26,075=00	<b>8,01,26,075=00</b>
F. Outside account			
1. PTPG account	1,93,407=60		1,96,106=80
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
G. Payable towards fixed assets			----- <b>21,42,398=20</b>
<b>Total</b>		<b>74,78,51,676=09</b>	<b>73,85,79,924=29</b>


  
Accountant


  
Dy. Registrar (Accounts)

(Amount - Rs.)

	Current Year (2009-2010)	Previous Year (2008-2009)
<b>SCHEDULE - 5(A) Current Asset</b>		
Bank balance with schedule bank		
i) On Current account	(-) 3,29,77,281=82	12,89,876=18
ii) On Saving account	37,34,06,071=96	12,33,43,801=96
iii) On debt & deposit account	1,38,89,223=25	1,34,11,146=25
iv) Non Plan Account	2,01,01,865=39	16,96,59,485=39
v) Project Grant	15,97,151=31	15,42,685=31
vi) Canara Bank	3,71,77,582=00	3,59,09,743=00
vii) On TEQIPaccount	----	2,35,73,927=19
viii) On outside account	2,19,42,369=42	2,07,34,427=70
ix) On corpus fund	50,51,151=69	50,07,574=69
x) On Institute Dev. fund	1,74,43,258=10	1,69,97,826=10
xi) On Staff Dev. fund	17,01,340=00	16,43,321=00
xii) On maintenance fund	6,54,013=00	6,31,710=00
xiii) On depreciation fund	6,54,014=00	6,31,711=00
xiv) On GPF account	6,57,59,078=00	5,58,20,464=37
xv) On group insurance	36,55,053=00	33,08,181=00
xvi) On fixed deposit	7,78,82,597=00	7,20,51,785=00
xvii) Interest accrued but not due	38,06,434=00	37,06,084=00
<b>Total (A)</b>	<b>61,17,43,920=30</b>	<b>54,92,63,750=14</b>

<b>5.(B) LOAN ADVANCES &amp; OTHER ASSETS</b>			
<b>I.) Advances :-</b>			
a.) out of Plan fund	5,33,45,934=79	4,47,50,169=79	
b.) Out of Non – Plan fund	2,57,03,525=52	2,17,62,321=52	
<b>II. Claims receivable from Non-Plan revenue</b>		-----	
Interest on loan due 7,89,883=50			
Less Revenue earned up to 1983—1984 6,57,588=51	1,32,294=99	1,32,294=99	
<b>Total (B)</b>	<b>7,91,81,755=30</b>		<b>6,66,44,786=30</b>

*J. Salunia*  
22/9/10  
Accountant

*F. D. Mohanta*  
22/9/10  
Dy. Registrar (Accounts)

**INCOME**

SCHEDULE - 6	Current Year (2009-2010)		Previous Year (2008-2009)	
<u>Grant Received from Govt . of India</u>				
a) Non—Plan grant (Recurring)	21,49,75,000=00		18,78,94000=00	18,78,94000=00
b) Plan	2,00,00,000=00			
c) O.S.C.Plan Grant (Non- Recurring)		23,49,75,000=00	6,06,75,000=00	6,06,75,000=00
d) Non-Plan (Recurring)			33,75,000=00	33,75,000=00
<b>Total</b>		<b>23,49,75,000=00</b>		

**SCHEDULE – 7**

Fees & subscription				
Admission fee	1,19,400=00		1,63,600=00	
Tuition fee	2,85,79,450=00		1,25,84,540=00	
Seat rent	19,04,000=00		19,24,000=00	
Medical Aid	3,60,457=00		3,62,715=00	
Electricity	19,04,000=00		19,00,000=00	
Water	12,37,600=00		12,34,700=00	
Vehicle	11,93,720=00		11,91,571=00	
Syllabus etc.	4,00,425=00		3,80,970=00	
Practical Charge	1,47,600=00		2,30,250=00	
Registration fee	2,90,700=00		7,23,200=00	
Examination fee	18,75,345=00		17,95,550=00	
Grade card	3,80,800=00		3,66,450=00	
Library charge	4,86,175=00		4,83,250=00	
Convocation	2,17,920=00	<b>3,90,97,592=00</b>	1,45,100=00	<b>2,34,85,896=00</b>

**SCHEDULE – 8**

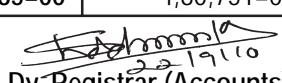
Interest earned				
Interest on S.B.A/c	50,76,231=00		38,65,118=00	
Interest on Non-Plan A/C	27,58,816=00	<b>78,35,047=00</b>	15,69,484=00	<b>54,34,602=00</b>

**SCHEDULE – 9**

Other misc income				
House rent Institute building	39,700=00		----	
Income from Guest House	5,000=00			
			16,500=00	
Bank Commission	504=00		827=00	
Revenue – Staff quarters	1,90,955=00		1,52,752=00	
Elec.charge staff qtrs	3,59,186=00		3,14,419=00	
Water Ch. Staff Qtrs	1,10,327=00		97,555=00	
Miscellaneous receipts	1,38,314=00		32,86,362=00	
Recovery of Bonus, Hill area from the employees	26,520=00		24,690=00	
Sale of Tender form	3,000=00		3,900=00	
Processing Charge	3,84,730=00			
Sale of application form	56,381=00		3,82,930=00	
Fine	2,20,611=00		1,48,250=00	
C.C.P.F. Contribution	6,17,477=00		3,06,508=00	
T.C, CLC etc.	1,400=00	<b>21,54,185=00</b>	4,80,751=00	<b>52,15,444=00</b>



Accountant



Dy. Registrar (Accounts)

## EXPENDITURE

SCHEDULE - 10	Current Year (2009-2010)	Previous Year (2008-2009)
<u>ESTABLISHMENT EXPENSES</u>		
Pay and Allowances, Bonus, TA,	15,16,18,952=00	10,16,38,511=00
Retirement Benefits (Pension Gratuity) & Leave .....	4,89,91,707=00	2,68,46,490=00
Heath facilities	41,59,058=00	20,47,69,717=00
		33,22,612=00
		13,18,07,613=00

SCHEDULE - 11

<u>ADMINISTRATIVE EXPENSES</u>				
Stipend & fellowship	41,40,433=00		37,03,745=00	
Departmental Operating cost	16,01,757=00		12,18,730=00	
Water and Electricity	1,34,22,122=00		1,24,09,075=00	
House Keeping and Maintenance	53,27,700=00		25,15,698=00	
Transport Service	8,31,561=00		9,65,295=00	
Convocation	11,70,721=00		22,686=00	
Other Misc expenses	51,50,647=00	3,16,44,941=00	40,58,135=00	2,48,93,364=00

SCHEDULE - 12

<u>EXPENDITURE ON GRANTS SUBSIDIES</u>				
Hall subsidy	25,00,000=00	25,00,000=00	21,60,000=00	21,60,000=00

SCHEDULE - 13 (A)

Provision	3,14,34,128=00			
Less last year provision	2,83,98,305=00	30.35,823=00		
Total		30.35,823=00		



Accountant



Dy. Registrar (Accounts)

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

Sl.No.	Particulars	Current Year 2009-2010	up to 2008-2009	Total up to 2009-2010
(A)	<u>Donated by Government</u>			
	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 2009-2010	up to 2008-2009	Total up to 2009-2010
1	Institutional Building		6,62,18,210=00	6,62,18,210=00
2	Staff. Qr. and Guest House		5,74,83,636=00	5,74,83,636=00
3	Boys Hostel		41,79,285=00	41,79,285=00
4	Girls & Boys Hostel		6,86,02,000=00	6,86,02,000=00
5	Hostel Furniture		9,00,000=00	9,00,000=00
6	Computation Automation		1,45,81,000=00	1,45,81,000=00
7	Canteen and Dispensary		54,98,729=00	54,98,729=00
8	Play Ground		70,000=00	70,000=00
9	Water Cooler		1,90,000=00	1,90,000=00
10	Equipment, Furniture and Library Books		31,50,000=00	31,50,000=00
11	Equipment for Office/Physics/Chemistry Department		94,29,671=60	94,29,671=60
12	Internal Telephone System		41,36,420=40	41,36,420=40
13	General Furniture		92,57,000=00	92,57,000=00
14	Library Books		66,75,000=00	66,75,000=00
15	Dev. of Land, Electrical over head Line		48,62,763=00	48,62,763=00
16	Computers		75,000=00	75,000=00
17	Student and Staff Amenities		4,12,000=00	4,12,000=00
18	Purchase of Vehicle (Govt. of India)	25,00,000.00	24,55,240=50	49,55,240.50
19	Vehicle (Govt. of Bihar)		3,79,998=09	3,79,998=09
20	Post Graduate Course		20,15,066=51	20,15,066=51
21	Recurring Grant Converted to non-recurring		2,34,19,113=47	2,34,19,113=47
22	Books Almirah from Govt of Bihar		-----	-----
	a) Books		107,40,080=93	107,40,080=93
	b) Almirah		1,30,760=00	1,30,760=00
23	Maintenance of Plan Scheme		56,16,742=00	56,16,742=00
24	Research and Development		13,00,000=00	13,00,000=00
25	Special Grant for SC/ST		50,000=00	50,000=00
26	M.C.A		5,00,000=00	5,00,000=00
27	Adventure Club		46,000=00	46,000=00
28	Equipment Grant Unesco & UNDP		17,10,000=00	17,10,000=00

Sl.No.	Particulars	Current Year 2009-2010	up to 2008-2009	Total up to 2009-2010
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	50,00,000.00	1,22,05,000=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 Cocking/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	22,00,000.00	48,51,000=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	1,00,00,000.00	3528=00	1,00,03,528.00
54	NIT Transit House	3,00,000=00 (-) 1,50,000=00	1,50,000=00 (-) 1,50,000=00	(-) 1,50,000=00 Nil
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	<u>O.S.C Grant</u> a) Plan (Non- Recurring) b) Non - Plan (Recurring)		6,06,75,000=00 33,75,000=00	6,06,75,000=00 33,75,000=00
		1,98,50,000=00.00	55,23,07,124.50	57,21,57,124.00

Accountant

Dy. Registrar (Accounts)

## C : SCHEME GRANTS

Sl.No.	Particulars	Current Year 2009-2010	up to 2008-2009	Total up to 2009-2010
1.	Modernization of Laboratories		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		30,77,581=50	30,77,581=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 Eectro. 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 (Sanjay Kumar)		9,85,882=00	9,85,882=00
18.	Modernisation of Power Electronics & Drives Lab. (Mrs. Madhu Singh)		10,00,000=00	10,00,000=00
	<b>Total = (C)</b>		<b>7,25,56,469=66</b>	<b>7,25,56,469=66</b>



Accountant



Dy. Registrar (Accounts)

## D : OTHER SCHEME

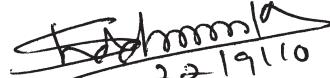
Sl.No.	Particulars	Current Year 2009-2010	up to 2008-2009	Total up to 2009-2010
1	Center of Excellence Less Recurring Exp.		3,90,23,312=50	3,90,23,312=50
2.	TEQIP Grant Less Refund		-----	-----
3.	Geology Project	54,466=00	8,88,758=78	9,43,224=78
4.	V.L.S.I		9,98,638=00	9,98,638=00
5.	SERC (DST) Project Less Rec. Exp	6,79,905=00 (-) 93,942=00	6,79,905=00	5,85,963=00
	<b>Total= (D)</b>		<b>4,15,90,614=28</b>	<b>4,15,51,138=28</b>

## E: RESEARCH ACCOUNT

	Particulars			
	Closing balance as per last year account		98,520=48	98,520=48
	<b>Total ( E )</b>		<b>98,520=48</b>	<b>98,520=48</b>
	<b>Total (A+B+C+D+E)</b>		<b>87,79,00,428=92</b>	<b>89,77,10,952=92</b>



Accountant



Dy. Registrar (Accounts)

SCHEDULE – 3.1

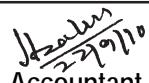
3(a) Interest accrued on govt.loan upto 83-84	7,89,883=50	7,89,883=50
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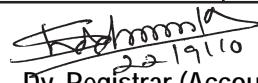
SCHEDULE – 3 (b): OUTSIDE SCHOLARSHIP

Particulars	Amount	Amount
Balance as per last year Account	14,93,668=56	
Receipt during the year 2009 - 10	34,08,872=00	
	49,02,540=56	
Less expenses during 2009 - 10	24,58,761=00	
Closing Balance as on 31-03-2010		24,43,779=56

SCHEDULE – 3 (c): STUDENTS FUND AND OTHERS

i) HALL ACCOUNT		
Balance as per last year account	48,80,119=20	
Receipt during 2009 - 10	25,00,475=20	
	73,80,594=20	
Less expenses during 2009 - 10	NIL	
Closing Balance as on 31-03-2010		73,80,594=20
ii) GYMKHANA ACCOUNT		
Balance as per last year account	49,11,319=25	
Receipt during 2009 - 10	15,34,100=00	
	64,45,419=25	
Less expenses during 2009 - 10	1,27,451=00	
Closing balance on 31.03.2010		63,17,968=25
iii) INSTITUTE DEVELOPMENT ACCOUNT		
Balance as per last year account	2,79,96,276=39	
Receipt during 2009 - 10	15,17,824=00	
	2,95,14,100=00	
Less expenses during 2009 - 10	1,28,417=00	
Closing balance on 31.03.2010		2,93,85,683=39
iv) INTEREST ON UNSPENT BALANCE		
Balance as per last year account	4,66,29,147=44	
Receipt during 2009 - 10	81,56,114=00	
	5,47,85,261=44	
Less Expenses during 2009 - 10	NIL	
Closing Balance on 31- 03 - 2010		5,47,85,261=44
Total = (i to iv)	8,44,16,862=28	9,78,69,507=28

  
Accountant

  
Dy. Registrar (Accounts)

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

Particulars	Amount	Amount
i) CAUTION MONEY		
Closing balance as per last year account	1,00,70,296=00	
Receipts during 2009 - 10	20,62,000=00	
	<b>1,21,32,296=00</b>	
Less Payments during 2009 - 10	8,46,000=00	
Closing balance on 31.03.201		<b>1,12,86,296=00</b>
ii) GROUP INSURANCE		
Closing balance as per last year account	27,557=46	
Receipts during 2008-09	4,29,436=00	
	<b>4,56,993=46</b>	
Less Payments during 2008-09	4,07,725=00	
Closing balance on 31.03.2009		<b>49,268=46</b>
iii) TRAINING AND PALACEMENT		
Closing balance as per last year account	67,17,352=40	
Receipts during 2008-09	13,32,800=00	
	<b>80,50,152=40</b>	
Less Payments during 2008-09	1,36,093=00	
Closing balance on 31.03.2009		<b>79,14,059=40</b>
iv) COMPUTER MAINTENANCE		
Closing balance as per last year account	40,55,972=00	
Receipts during 2008-09	9,52,000=00	
	<b>50,07,972=00</b>	
Less Payments during 2008-09	NIL	
Closing balance on 31.03.2009		<b>50,07,972=00</b>
v) TESTING AND CONSULTANCY		
Closing balance as per last year account	11,02,118=02	
Receipts during 2008-09	6,68,780=00	
	<b>17,70,898=02</b>	
Less Payments during 2008-09	8,58,921=00	
Closing balance on 31.03.2009		<b>9,11,977=02</b>
vi) OTHER DEPOSIT		
Closing balance as per last year account	1,80,59,724=99	
Receipts during 2008-09	3,86,31,510=00	
	<b>5,67,91,234=99</b>	
Less Payments during 2008-09	2,49,77,283=00	
Closing balance on 31.03.2009		<b>3,18,13,951=99</b>
	<b>4,00,33,020=87</b>	<b>5,69,83,524=87</b>

Particulars	B/F	
vii) Convocation-06.		5,69,83,524=87
As per last Account	4,29,370=00	
Receipt during 2009-10	----	
	4,29,370=00	
Less payment during 2009-10	Nil	
Closing Balance as on 31-03-2010		4,29,370=00
viii) Alumni Account		
As per last Account	13,65,919=44	
Receipt during 2009-10	3,33,750=00	
	16,99,669=44	
Less payment during 2009-10	Nil	
Closing balance as on 31-03-2010		16,99,669=44
ix) EARTH QUAKE		
As per last Account	52,066=00	
Receipt during 2009-10	----	
	52,066=00	
Less payment during 2009-10	Nil	
Closing balance as on 31-03-2010		52,066=00
x) Service Tax		
as per last Account	4,84,943=00	
Receipt during 2009-10	77,851=00	
	5,62,794=00	
Less payment during 2009-10	Nil	
Closing balance as on 31.03.10		5,62,794=00
xi) R.T.I.		
as per last account	1,631=00	
Receipt during 2009-10	382=00	
	2,013=00	
Less payment during 2009-10	Nil	
Closing balance as on 31-03-10		2,013=00
xii) JREDA		
As per last Account	6,46,624=00	
Receipt during 2009-10	----	
	6,46,624=00	
Less payment during 2009-10	Nil	
Closing balance as on 31-03-2010		6,46,624=00
xiii) NRRDA		
Ministry of Rural Dev.	60,000=00	
Receipt during 2009-10	----	
	60,000=00	
Less payment during 2009-10	Nil	
Closing balance as on 31-03-2010		60,000=00
xiv) Staff Dev.Fund		
As per last account	2,09,529=00	
Receipt during 2009-10	1,86,692=00	
	3,96,221=00	
Less payment during 2009-10	Nil	
Closing balance as on 31.03.10		3,96,221=00
<b>TOTAL (i to xiv)</b>	<b>4,32,83,103=31</b>	<b>6,08,32,282=31</b>

Particulars	Amount	Amount
	B/F	6,08,32,282=31
xv) Depreciation fund As per last account Receipt during 2009-10  Less payment during 2009-10 Closing balance as on 31.03.10	1,04,765=00 93,344=00  1,98,109=00 NIL	1,98,109=00
xvi) Maintenance fund As per last Account Receipt during 2009-10  Less Payment during 2009-10 Closing balance as on 31-03-10	1,04,764=00 93,344=00  1,98,108=00 NIL	1,98,108=00
xvii) N.S.S. As per last Account Receipt during 2009-10  Less payment during 2009-10 Closing balance as on 31-03-10	17,113=00 ----  17,113=00 13,512=00	3,601=00
xviii) NIMCET As per last Account Receipt during 2009-10  Less payment during Closing balance as on 31-03-10	1,00,000=00 35,122=00  1,35,122=00 23,012=00	1,12,110=00
xix DASA As per last Account Receipt during 2009-10  Less payment during Closing balance as on 31-03-10	10,80,380=00 ----  10,80,380=00 NIL	10,80,380=00
TOTAL (i to xix)	4,46,90,125=31	6,24,24,590=31
xx Interest of TEQIP Fund As per last year Add during the year Less payment during 2009-10	NIL 1,87,53,500=00 67,805=00	1,86,85,695=00
TOTAL xx		1,86,85,695=00



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	74,39,884=89	1,93,407=60	72,46,477=29
2. TSG account closed and Balance transferred to SAS	11,27,554=00	1,86,273=00	9,41,281=00
3. Univ. examination account	55,45,200=66	10,03,702=00	45,41,498=66
4. Non-formal B.Sc. Engg. Account	88,17,290=26	1,94,477=40	86,22,812=86
5. Short term course account	1,48,851=00	55,800=00	93,051=00
6. Short term course containing computer education	3,52,296=00	2,41,871=00	1,10,425=00
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	1,22,458=00	—	1,22,458=00
N.S.S	1,01,824=00	—	1,01,824=00
<b>Total</b>	<b>2,40,82,068=42</b>	<b>21,39,699=00</b>	<b>2,19,42,369=42</b>

**SCHEDULE –3 (H)**

TEQIP Account	8,01,26,075=00	8,01,26,075=00	NIL
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**SCHEDULE –3 (I) Excess of Income over expenditure**

Particulars		Total
As per Last Account	10,61,81,570=91	
Add During 2009 -10	2,21,11,693=00	12,82,93,263=91

  
Accountant

  
Dy. Registrar (Accounts)

## SCHEDULE – 3 (B)

<b>LIABILITIES &amp; PROVISION (Non - Plan Grant)</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
1. Salary for March (Faculty)	70,97,656=00	55,29,522=00
2. Salary for March (Non-Faculty)	1,20,35,656=00	1,35,89,243=00
3. Arrear D.A for Jan,07 to March,07	-----	-----
4. Gratuity (two nos.)	29,29,397=00	-----
5. Pension & Pension Commutation for March	53,78,784=00	66,77,254=00
6. Leave encashment	11,06,278=00	-----
5. Electricity for March 07	11,44,468=00	9,60,293=00
6. Water Charge	85,909=00	85,909=00
7. Medical expenses – TMH Bill	3,72,306=00	4,42,463=00
8. House keeping (electrical maint)	-----	-----
9. House keeping (civil maint)	2,96,297=00	-----
10. Remuneration to contract staff	73,607=00	1,14,556=00
11. Telephone	22,170=00	-----
12. A.M.C	5,63,600=00	5,05,620=00
13. Stationery & printing	-----	-----
14. Advertisement	-----	26,477=00
15. PG Stipend	3,28,000=00	4,66,968=00
<b>TOTAL</b>	<b>3,14,34,128=00</b>	<b>2,83,98,305=00</b>
Less provision of 2006 -2007	2,83,98,305=00	-----
Addition during the year 2007 -2008	-----	<b>30,35,823=00</b>

Accountant

Dy. Registrar (Accounts)

**SCHEDULE – 4.1 : Freehold Land**

S.No.	Head of Accounts	Assets as per 2009-2010	Up to 2008-2009	Total up-to 2009-2010
1.	Freehold Land		21,13,47,700=00	21,13,47,700=00

**SCHEDULE – 4(B) FIXED ASSETS OUT OF PLAN GRANT**

S.No.	Head of Accounts	Assets as per 2009-2010	Up to 2008-2009	Total up-to 2009-2010
1.	Instructional Building		5,72,31,636=53	5,72,31,636=53
2.	Staff Quarters & Guest House	1,89,747=00	5,65,84,634=40	5,67,74,381=40
3.	Hostel Building		6,86,97,602=64	6,86,97,602=64
4.	Hostel Furniture & Building		43,78,454=12	43,78,454=12
5.	Amenities to Student & Staff		53,44,823=85	53,44,823=85
6.	Computation Automation		1,17,41,271=00	1,17,41,271=00
7.	Hostel Furniture out of loan		1,00,186=40	1,00,186=40
8.	Hostel Furniture out of Grant		8,67,445=37	8,67,445=37
9.	Furniture – General		92,54,491=72	92,54,491=72
10.	Construction of play Ground		70,000=00	70,000=00
11.	Water Cooler (equip)		1,90,000=00	1,90,000=00
12.	Equipment/Furniture/Library Books		31,50,000=00	31,50,000=00
13.	Equipment all Departments		1,21,69,885=48	1,21,69,885=48
14.	Equipment out of Unesco coupon		17,15,250=43	17,15,250=43
15.	Library books	(-) 33,327=00	1,16,67,172=59	1,16,33,845=59
16.	Equipment out of (N.R. Grant -P.G M.C.A)		25,00,593=10	25,00,593=10
17.	Assts Acquired out of N.P. Grant of State Govt.		----	----
a)	Development of Land & Overhead line, Construction of Road, Boundary Wall etc.		48,60,238=45	48,60,238=45
b)	Purchase of Computer		75,000=00	75,000=00
c)	Student & Staff Amenities		3,98,662=00	3,98,662=00
d)	Instrumentation Cell		45,935=04	45,935=04
e)	Special Grant for Training of SC/St.		50,000=00	50,000=00
f)	Vehicle		7,33,676=79	7,33,676=79
18.	3 <sup>rd</sup> Floor A.D. Building		3,18,753=00	3,18,753=00
19.	Civil & Allied Structure for Construction on New 33KVA Sub-Station		8,13,853=00	8,13,853=00
20.	Extensive Civil, PHE & Remodeling in Hostel Phase II		2,54,22,438=73	2,54,22,438=73
21.	Construction of Boundary Wall Around Entire Campus and Slag Road		10,67,669=00	10,67,669=00
22.	Construction of Asphalt Road		22,27,487=00	22,27,487=00
23.	Development & Construction of Play Ground		3,29,553=00	3,29,553=00
24.	Construction of 1 <sup>st</sup> floor of Computer Centre	11,98,115=00	87,22,110=00	99,20,225=00
25.	Construction of Boundary Wall Academic Complex		10,13,841=00	10,13,841=00
26.	Remodeling of Guest House		13,75,541=00	13,75,541=00
	<b>Total</b>	<b>13,54,535=00</b>	<b>29,31,18,205=64</b>	<b>29,44,72,740=64</b>

	B/F	13,54,353=00	29,31,19,850.64	29,44,72,740=64
27.	Modernization of Class Room and Office Equipment for all Departments	7,51,154=00	75,13,922=63	82,65,076=63
28.	(Plan Scheme) S.R. Renovation		56,16,742=00	56,16,742=00
29.	Replacement of Lost Books		6,460=00	6,460=00
30.	Construction of New Faculty Quarters		28,20,618=00	28,20,618=00
31.	Utility Space for STE/ISD		7,56,054=00	7,56,054=00
32.	Internal Telephone System		4,78,824=00	4,78,824=00
33.	Modernization of Kitchen for all Hostel		1,000=00	1,000=00
34.	11KVA Under Ground Distribution System		80,455=00	80,455=00
35.	Internet & Other Communication Facilities		90,67,055=00	90,67,055=00
36.	Provision for AC & standby D.G.in newly constructed Lib. Building		24,58,450=00	24,58,450=00
37.	Whole Campus Renovation			
38.	Development of Campus Green		2,64,538=00	2,64,538=00
39.	Electrical Renovation of Old Staff Quarters		20,56,000=00	20,56,000=00
40.	Minor renovation of electrical wiring of A.D Building & W/S		32,65,249=00	32,65,249=00
41.	Furniture for New Boys Hostel & Guest House		12,861=00	12,861=00
42.	Infrastructure Development		90,59,394=00	90,59,394=00
43.	Purchase of Vehicle	26,32,085=00	8,00,670=00	34,32,755=00
	Total 4(B)	47,37,774=00	33,73,76,498=27	34,21,14,272=27

## 4. (C) Out of OSC Grant

44.	Hostel furniture out of OSC Grant	41,14,777=00	----	41,14,777=00
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Accountant

Dy. Registrar (Accounts)

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

S.No.	Head of Accounts	Assets as per 2009-2010	Up to 2008-2009	Total up-to 2009-2010
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 & Ceremic		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 2009-2010	Up to 2008-2009	Total up-to 2009-2010
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 b. Almirah		107,40,080=93 1,30,760=00	107,40,080=93 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	Nil	4,21,900=00
			<b>3,44,84,314=40</b>	<b>3,49,06,214=40</b>



Accountant



Dy. Registrar (Accounts)

**SCHEDULE—5-B (1-a) Advance from Plan Fund**

<b>Particulars</b>	<b>Amount Rs</b>	<b>Amount Rs</b>
Out standing as per Last year A/C	4,47,50,169=79	
Add Payment during 2008 - 09	85,98,765=00	
	<b>5,33,48,934=79</b>	
Less Recovery during 2008 - 09	3,000=00	<b>5,33,45,934=79</b>

**SCHEDULE --- 5 - B (1-b) General Advance**

<b>Particulars</b>	<b>Amount Rs</b>	<b>Amount Rs</b>
Out standing as per Last year A/C	2,17,62,321=52	
Add Payment during 2008 - 09	85,50,641=00	
	<b>3,03,12,962=52</b>	
Less Recovery during 2008 - 09	46,09,437=00	<b>2,57,03,525=52</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. Contingent liabilities the claim of M/S JUSCO for Rs 2,66,74,038=00 is under Examination.
2. Capital commitment

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

**Notes on accounts**

3. Income and surplus of the Institute fund are not subject to the provision of Income Tax Act 1961
4. 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.
5. The Institute maintains 20 separate accounts on the different activities which are as under:
  - (i) TEQIP funded by MHRD.
  - (ii) Part time post graduate course
  - (iii) Short term course on workshop and Production Engg.
  - (iv) Short term course on continuing computer education

- (v) Non-formal B.Sc. Engg. Course
  - (vi) University Examination Account
  - (vii) Technology Student Gymkhana
  - (viii) E.D.C./Mushroom (Entrepreneurship Dev. Cell)
  - (ix) HMB account and eleven Hall (Hostels) account.
6. Fixed assets register is under preparation.
7. 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.
8. The errors found-out at the authentication of the accounts of 2006 -07 by the B.O.G. and the observation made in audit thereof are taken care of in this account.
9. 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.
10. 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.
11. The number of bank accounts opened by the Institute are as under:

<b>Sl.No.</b>	<b>Branch</b>	<b>Type of A/C</b>	<b>A/C No.</b>	<b>Purpose</b>
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.

12. The age-wise breakup of advances is under process.
13. corresponding figures for the previous year have been regrouped/rearranged wherever necessary.
14. Schedule from 1 to 15 are annexed to, form an integral part of balance sheet as at 31.03.2008 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, 2010

Receipts	Schedule	Current Year (2009-2010)	Previous Year (2008-2009)
I) Opening Bank Balance	A	41,72,08,523=09	25,97,26,898=09
II) Grants received from Govt. of India	B	23,50,08,327=00	25,19,45,645=00
III) Institute Income	C	4,90,86,824=00	3,41,35,942=00
IV) Other income	D	1,37,08,513=00	1,27,73,604=00
V) i) Transferable deposits	E	6,36,50,011=00	3,21,93,313=00
ii) Out side scholarships	E(b)	34,08,872=00	27,14,064=00
VI) Other grants/schemes	F	54,466=00	3,81,109=00
VII) (a) Recovery of Advances from Plan Grants	G	—	
(b) Recovery of Advances from Research Grants	G	3,000=00	1,22,81,400=00
VIII) Recovery of Other Advances	H	46,09,437=00	39,44,575=00
IX) Provision for 2009-2010			2,83,98,305=00
			26,46,139=00
X) Fixed Assets written back			2,57,19,812=66
<b>Total</b>		<b>78,67,37,973=09</b>	<b>66,68,60,806=75</b>

## RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2010

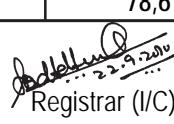
Payments	Schedule	Current Year (2009-2010)	Previous Year (2008-2009)
I) Pay & Allowances	I	15,16,18,952=00	10,16,38,511=00
II) Retirement Benefit	J	4,89,91,707=00	2,68,46,490=00
III) Scholarship & Fellowship	K	41,40,433=00	37,03,745=00
IV) Departmental Operating Expenses	L	16,01,757=00	12,18,730=00
V) Health Facilities	M	41,59,058=00	33,22,612=00
VI) Water & Electricity	N	1,34,22,122=00	1,24,09,075=00
VII) House Keeping Maintenance	O	53,27,700=00	25,15,698=00
VIII) Transport Service	P	8,31,561=00	9,65,295=00
IX) Administrative Expenses	Q	63,21,368=00	40,80,821=00
X) Hall Subsidy	Q (b)	25,00,000=00	21,60,000=00
XI) Loans and Advances	R	85,50,641=00	57,88,715=00
XII) Other Expenses:	S	2,55,868=00	2,06,880=00
XII) a) Payments from transferable deposits:	T	2,73,30,351=00	2,51,84,415=00
b) Out Side Scholarship	T(b)	24,58,761=00	26,27,039=00
XIII) a) Expenses from Plan Grant/Schemes	U	90,35,878=00	1,53,09,771=00
b) Expenses from Scheme	U (B)	5,15,842=00	49,549=00
XIV) a) Advances from Plan/Scheme Grants	V	85,98,765=00	5,45,000=00
b) Advances from Research Grant	V		59,700=00
XV) Closing balance	W	<b>49,10,77,209=09</b>	<b>41,72,08,523=09</b>
XVI) Past Year Provision written back			3,73,14,153=66
XVII) ) Interest accrued but not due			37,06,084=00
<b>Total:</b>		<b>78,67,37,973=09</b>	<b>66,68,60,806=75</b>



Accountant



Dy. Registrar (Accounts)



Registrar (I/C)



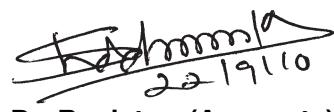
Director

**SCHEDULE – A : OPENING BALANCE FOR 2009 – 2010**

Receipts	Current Year (2009-2010)		Previous Year (2008-2009)	
OPENING BALANCE				
CURRENT ACCOUNT		12,89,876.18		(-) 40,56,238=82
SAVING BANK ACCOUNT (S.B.I A/C No. 10678399349)		12,33,43,801.96		10,37,08,950=96
S.B. A/C NO — 10678399430		16,96,59,485.39		4,34,20,118=39
S.B. A/C NO — 10678399441		15,42,685.31		14,90,076=31
S.B. A/C NO — 10678399452		1,34,11,146.25		1,29,49,373=25
S.B. A/C CANARA BANK 28319		3,59,09,743.00		3,46,85,141=00
FIXED DEPOSIT		7,20,51,785.00		6,75,29,477=00
<b>TOTAL</b>		<b>41,72,08,523.09</b>		<b>25,97,26,898=09</b>

**SCHEDULE – B : GRANTS-IN-AID FOR 2009 – 2010**

Receipt	Sanction Reference	Sanctioned Date	Amount
(B-i) Plan-Grant ( Non- Recurring) from Govt. of IndiaCost of Lost Book recovered S	No. F-24-2/2009 TS.III	27.02.2010	2,00,00,000.00 33,327.00
			<b>2,00,33,327.00</b>
(B- ii) Plan O.S.C Grant ( Non-recurring) from Govt. of India Plan O.S.C Grant ( Recurring) from Govt. of India			Nil
(B-iii) Non-plan Grant (Recurring) from Government of India	No. No. F-24-4/09 TS III No. F-24-4/09 TS III	31.12.2009 23.03.2010	8,00,00,000.00 6,49,75,000.00 7,00,00,000.00
			<b>21,49,75,000.00</b>
<b>Total( Bi + Bii + Biii)</b>			<b>23,50,08,327=00</b>

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

**SCHEDULE – C : INSTITUTE INCOME**

Receipts	Current Year (2009-2010)		Previous Year (2008-2009)	
<b>Fees &amp; Subscription</b>				
Admission fee	1,19,400.00		1,63,600=00	
Tuition fee	2,85,79,450.00		1,25,84,540=00	
Seat rent	19,04,000.00		19,24,000=00	
Medical aid	3,60,457.00		3,62,715=00	
Electric charge	19,04,000.00		19,00,000=00	
Water charge	12,37,600.00		12,34,700=00	
Vehicle Charges	11,93,720.00		11,91,571=00	
Syllabus etc	4,00,425.00		3,80,970=00	
Practical Charge	1,47,600.00		2,30,250=00	
Registration fee	2,90,700.00		7,23,200=00	
Examination fee	18,75,345.00		17,95,550=00	
Grade Card	3,80,800.00		3,66,450=00	
Library Charge	4,86,175.00		4,83,250=00	
Convocation	2,17,920.00	3,90,97,592.00	1,45,100=00	2,34,85,896=00
<b>Interest earned</b>				
Interest on S.B. A/C	50,76,231.00		38,65,118=00	
Interest on Non-Plan A/C	27,58,816.00	78,35,047.00	15,69,484=00	54,34,602=00
<b>Other miscellaneous dues</b>				
House rent Institute building	39,780.00		-----	
Income from Guest House	5,000.00		16,500=00	
Bank Commission	504.00		827=00	
Revenue – Staff quarters	1,90,955.00		1,52,752=00	
Electric Charges from staff Quarters	3,59,186.00		3,14,419=00	
Water Charges from staff Quarters	1,10,327.00		97,555=00	
Miscellaneous receipts	1,38,314.00		32,86,362=00	
Recovery of Bonus, Hill area from employ	26,520.00		24,690=00	
Sale of Tender form	3,000.00		3,900=00	
Processing charge	3,84,730.00		3,82,930=00	
Sale of application form	56,381.00		1,48,250=00	
Fine	2,20,611.00		3,06,508=00	
C.C.P.F. Contribution	6,17,477.00		4,80,751=00	52,15,444=00
T.C, CLC etc.	1,400.00	21,54,185.00		
<b>Total</b>		4,90,86,824.00		3,41,35,942=00



Accountant



Dy. Registrar (Accounts)

**SCHEDULE – D : OTHER INCOME**

Receipts	Current Year (2009-2010)		Previous Year (2008-2009)	
a) Hall account				
Hostel admission fee	1,17,200.00		1,80,100=00	
Hostel Maintenance fund	20,84,500.00		21,15,700=00	
Common room	2,98,775.00		2,98,400=00	
	25,00,475.00			25,94,200=00
b) Gymkhana account				
Sports fees	9,52,000.00		9,71,000=00	
Cultural association	5,82,100.00		4,91,005=00	
	15,34,100.00			14,62,005=00
c) Institute Development fund				
Development fee(testing)			-----	
Development fee(students)	12,86,534.00		10,65,533=00	
P.B.F. & Fine	95,200.00		94,900=00	
Counseling Fee	1,490.00			
Fee for post	-----			
Sale of tender forms	-----			
Directors Discretionary fund	22,434.00		38,090=00	
Over head charges	1,12,166.00		1,90,823=00	
	15,17,824.00			13,89,346=00
d) Interest on Unspent Balance				
Fixed deposit	64,10,198.00		56,41,678=00	
S.B.A/C 50132				
(Debt & deposit) 10678399452	4,78,077.00		4,61,773=00	
S.B.A/C 50131 10678399441				
Interest from Canara Bank				
A/c no :- 28319	12,67,839.00	81,56,114.00	12,24,602=00	73,28,053=00
<b>TOTAL</b>		<b>1,37,08,513.00</b>		<b>1,27,73,604=00</b>


**Accountant**

**Dy. Registrar (Accounts)**

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

Receipts	Current Year (2009-2010)		Previous Year (2008-2009)	
a) Caution monies				
Institute Caution money	11,72,000.00		11,16,000=00	
Hostel Caution money	2,93,000.00		2,59,500=00	
Mess Caution money	5,86,000.00		5,58,000=00	
Library Caution money	11,000.00	20,62,000.00	10,000=00	19,43,500=00
b) Compulsory Group Insurance	4,29,436.00	4,29,436.00	4,37,099=00	4,37,099=00
c) Training & Placement	13,32,800.00	13,32,800.00	13,29,650=00	13,29,650=00
d) Computer Maintenance /Center	9,52,000.00	9,52,000.00	9,49,750=00	9,49,750=00
e) Testing & Consultancy	6,68,780.00	6,68,780.00	23,20,886=00	23,20,886=00
f) <u>Other deposits</u>				
T.C.C. Society	93,56,207.00		89,45,857=00	
Income Tax	1,67,60,156.00		39,69,566=00	
Sales Tax	31,044.00		4,712=00	
Earnest Money	18,000.00		80,000=00	
Security deposit	2,12,907.00		23,562=00	
Retention Money	-----		-----	
Un-disbursed Liabilities	6,65,022.00		7,00,000=00	
LIC Premium	23,34,228.00		22,21,157=00	
Staff & Student Welfare	2,646.00		2,589=00	
Suspense Account	27,57,296.00		2,21,949=00	
GPF Subscription	63,57,504.00		52,51,935=00	
Pension & Leave Salary Contr.	1,36,500.00		1,36,500=00	
Lien Contribution	-----		-----	
Local Levy	-----		-----	
Keep Back	-----	3,86,31,510.00	-----	2,15,57,827=00
g) N. S.S	-----	-----		
h) N I M C E T	35,122.00	35,122.00	1,55,000=00	1,55,000=00
i) Alumni	3,33,750.00	3,33,750.00	1,00,000=00	1,00,000=00
j) Earth Quake	-----	-----	6,23,150=00	6,23,150=00
k) Service Tax	77,851.00	77,851.00	-----	-----
l) R.T.I	382.00	382.00	2,04,784=00	2,04,784=00
m) JREDA	-----	-----	729=00	729=00
n) NRRDA	-----	-----	10,80,000=00	10,80,000=00
o) DASA (Foreign student)	-----	-----	-----	-----
p) Staff Development Fund	1,86,692.00	1,86,692.00	10,80,380=00	10,80,380=00
q) Depreciation Fund	93,344.00	93,344.00	2,05,279=00	2,05,279=00
r) Maintenance Fund	93,344.00	93,344.00	1,02,640=00	1,02,640=00
Interest transferred from TEQIP Fund		1,87,53,000.00		1,02,639=00
<b>TOTAL (A)</b>		<b>6,36,50,011.00</b>		<b>3,21,93,313=00</b>

Receipts		Current Year (2009-2010)		Previous Year (2008-2009)	
(B)	B/F		6,36,50,011.00	B/F	3,22,19,563=00
<b>Out Side Scholarship</b>					
Govt. of India		6,62,367.00		5,17,750=00	
Andhra Pradesh		66,174.00		5250=00	
Assam		39,950.00		32,375=00	
Bank (All)		1,84,557.00		3,60,462=00	
Bihar		6,25,650.00		4,33,665=00	
Companies		25,000.00		9,000=00	
Jharkhand		12,14,750.00		10,80,750=00	
Himachal		-----		6,000=00	
Kerala		60,464.00		35,590=00	
Chhatishgarh		-----		-----	
Maharastra		-----		18,310=00	
Meghalaya		17,200.00		-----	
Tripura		14,400.00		37,400=00	
Uttaranchal		-----		-----	
Uttar Pradesh		75,980.00		53,475=00	
West Bengal		3,55,530.00		46,685=00	
Govt. of Karnataka		-----		-----	
Madhya Pradesh		38,700.00		29,770=00	
Rajasthan		3,000.00		18,232=00	
Tamil Nadu		15,550.00		-----	
Govt. of Nagaland		9,600.00	34,08,872.00	29,350=00	27,14,064=00
<b>TOTAL (B)</b>			<b>34,08,872.00</b>		<b>27,14,064=00</b>
<b>TOTAL (A + B)</b>			<b>6,70,58,883=00</b>		<b>3,49,33,627=00</b>

*Sharma  
22/9/10*

**Accountant**

*Sharma  
22/9/10*

**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			
Geology Project (Interest)			54,466.00
<b>Total</b>			<b>54,466.00</b>

*J. Zalavadi  
22/9/10*  
**Accountant**

*E. D. Ahmmad  
22/9/10*  
**Dy. Registrar (Accounts)**

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

Receipt	Current Year (2009-2010)	Previous Year (2008-2009)
i) Construction of Institutional Building ii) Construction of Hostel iii) Computation/Automation Faculties for All Dett. Admn. Building & Computer Centre iv) Equipment for all Deptt. & Office Equipt. 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) Construction of Boundary Wall entire Campus xv) Space for Utility Areas in Hostel Complex for STD/ISD/PCO/Xeroxing xvi) Modernization of Class Room/Office Equipment for all Dett. & Centre xvii) Internet & other Communication & Upgrading Computer Facilities xviii) Campus Greenery xix) Whole Campus Renovation xx) Provision for AC & standby D.G. for Lib.Bldg. xxi) Curriculum of Teachers up Gradation xxii) Renovation of I.B.etc. xxiii) Library Facilities xxiv) Equipment for R & D xxv) Elect. Renov. Of Qrs xxvi) Infrastructure Development		32,22,006=00  90,59,394=00
xxvii) Modernization of Fluid Mechanics Lab (MHRD) xxviii) Advance Melting Facilities (AICTE) Emeritus Fellowship V.L.S.I. Project Development of Power Electronics Application Centre D.S.T. Project	3,000.00	
<b>TOTAL</b>	<b>3,000.00</b>	<b>1,22,81,400=00</b>


**Accountant**

**Dy. Registrar (Accounts)**

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

Receipt	Current Year (2009-2010)	Previous Year (2008-2009)
Festival	1,34,500.00	-----
TA & LTC		-----
Contingency		-----
General	44,74,937.00	39,44,575=00
Earthquake		-----
<b>Total</b>	<b>46,09,437.00</b>	<b>39,44,575=00</b>

**SCHEDULE – I : PAY AND ALLOWANCE**

Payment	Current Year (2009-2010)	Previous Year (2008-2009)
Pay and Allowance Faculty	10,00,52,806.00	5,24,39,891=00
Pay and Allowance Non-Faculty	4,88,40,780.00	4,70,44,124=00
Bonus	8,01,328.00	10,93,686=00
T.A	9,89,197.00	5,44,675=00
L.T.C	9,34,841.00	5,16,135=00
Arrear of Vth P.C.		-----
<b>Total</b>	<b>15,16,18,952.00</b>	<b>10,16,38,511=00</b>

**SCHEDULE – J : RETIRAL BENEFIT**

Payment	Current Year (2009-2010)	Previous Year (2008-2009)
Pension	3,45,32,421.00	2,15,47,805=00
Pension Commutation	40,94,582.00	17,80,277=00
Gratuity	64,57,391.00	22,29,348=00
Leave Encashment	39,07,313.00	12,89,060=00
<b>Total</b>	<b>4,89,91,707.00</b>	<b>2,68,46,490=00</b>

**SCHEDULE – K : SCHOLARSHIP AND FELLOWSHIP**

Payment	Current Year (2009-2010)	Previous Year (2008-2009)
Stipend	41,40,433.00	37,03,745=00
Contingency (PG)		
<b>Total</b>	<b>41,40,433.00</b>	<b>37,03,745=00</b>


  
Accountant


  
Dy. Registrar (Accounts)

**SCHEDULE – L : DEPARTMENTAL OPERATING EXPENSES**

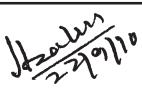
<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
Civil Engineering	42,446.00	1,16,571=00
Electrical Engineering	57,037.00	37,482=00
Electronics Engineering	51,640.00	45,452=00
Mechanical Engineering	2,54,030.00	53,094=00
Computer Science Engg.	1,04,826.00	54,159=00
Production Engineering	43,374.00	25,132=00
Metallurgical Engineering	1,03,995.00	67,401=00
Physics Department	96,273.00	63,322=00
Chemistry Department	7,916.00	31,960=00
Applied Mechanics	18,714.00	35,363=00
D.C.A (M.C.A)	63,100.00	1,01,103=00
Mathematics Department	12,135.00	16,053=00
Computer Centre	1,02,942.00	72,452=00
Workshop	21,906.00	9,892=00
Academic Section	2,09,175.00	1,73,214=00
Establishment Section	77,935.00	1,21,410=00
Library	91,054.00	48,941=00
Estate Section	18,458.00	18,877=00
Store	1,879.00	-----
A.E.Section	-----	9,891=00
Vehicle Section	-----	-----
Accounts Section	1,08,745.00	87,470=00
A.P.Section		1,648=00
Director Office	87,131.00	21,130=00
Dean Office	27,046.00	6,717=00
<b>Total</b>	<b>16,01,757.00</b>	<b>12,18,734=00</b>

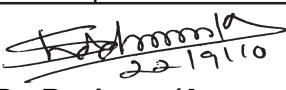
**SCHEDULE – M : HEALTH FACILITIES**

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
Health Facilities (cost of medicine)	44,839.00	81,876=00
Re-Imbursement of Medical Exp.	5,06,451.00	56,634=00
TMH expenditure	36,07,768.00	31,84,102=00
<b>Total</b>	<b>41,59,058.00</b>	<b>33,22,612=00</b>

**SCHEDULE – N : WATER AND ELECTRICITY**

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
Water Charges	10,39,265.00	10,39,784=00
Electricity Charge	1,23,57,501.00	1,13,48,669=00
Generator Expenses	25,356.00	20,622=00
<b>Total</b>	<b>1,34,22,122.00</b>	<b>1,24,09,075=00</b>


  
Accountant


  
Dy. Registrar (Accounts)

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

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
<b>Estate Maintenance</b>		
Civil	14,29,891.00	2,90,388=00
Electrical	3,43,960.00	3,04,009=00
PHE	10,115.00	9,511=00
Horticulture	1,56,003.00	4,950=00
E. M. Sanitation	7,634.00	
Guest House	-----	1,002=00
Telephone	5,278.00	5,929=00
Office Equipment	15,442.00	91,215=00
Computer network & AC	33,03,677.00	18,08,694=00
Minor Equipment	55,700.00	
<b>Total</b>	<b>53,27,700.00</b>	<b>25,15,698=00</b>

**SCHEDULE – P : TRANSPORT SERVICE**

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
Vehicle Maintenance	93,948.00	20,103=00
Fuel Cost	74,240.00	78,616=00
Road Tax & Insurance	67,309.00	
Hired vehicle	5,96,064.00	8,66,576=00
<b>Total</b>	<b>8,31,561.00</b>	<b>9,65,295=00</b>

**SCHEDULE – Q : ADMINISTRATIVE EXPENSES**

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
<b>(A) Advertisement/Bank Commission/Postage etc.</b>	<b>1,82,406.00</b>	<b>4,47,776=00</b>
Entertainment of Inst. Guest	61,064.00	40,030=00
Remuneration to adjunct faculty	1,07,712.00	16,280=00
Legal Expenses	8,94,648.00	7,41,466=00
Stationery & Printing	1,31,679.00	2,14,264=00
Security	2,06,740.00	2,19,428=00
Miscellaneous	26,006.00	7,737=00
Telephone	10,39,544.00	6,64,743=00
Remuneration to Contract Staff	3,01,261.00	2,43,774=00
Uniform & Liveries	7,90,920.00	5,96,747=00
Audit Fee	5,57,059.00	19,953=00
Student Support Service	-----	-----
Book Grant	85,000.00	4,78,835=00
Leave Salary Pension Contribution	-----	-----
Processing Charges	69,926.00	82,361=00
I. Card/Syllabus etc.	3,86,400.00	49,200=00
Examination Fee	-----	18,425=00
Library Charge	1,65,849.00	2,17,116=00
Staff training	1,44,433.00	-----
Convocation	11,70,721.00	22,686=00
<b>Total (A)</b>	<b>63,21,368.00</b>	<b>40,80,821=00</b>
<b>(B) Hall Subsidy</b>	<b>25,00,000.00</b>	<b>21,60,000=00</b>
<b>Total (B)</b>	<b>25,00,000.00</b>	<b>21,60,000=00</b>
<b>Total (A + B)</b>	<b>88,21,368.00</b>	<b>62,40,821=00</b>

**SCHEDULE – R : LOAN AND ADVANCES**

Payment	Current Year (2009-2010)	Previous Year (2008-2009)
General Advances	85,50,641.00	57,88,715=00
Festival Advance	-----	
<b>Total</b>	<b>85,50,641.00</b>	<b>57,88,715=00</b>

**SCHEDULE – S : OTHER EXPENSES**

Payment	Current Year (2009-2010)	Previous Year (2008-2009)
<b>a) Hall Account</b>		
Hostel admission fees		-----
Common Room Expenses		-----
Hostel Maintenance		-----
<b>b) Gymkhana Account</b>		
Cultural Association	8,298.00	-----
Sports	1,19,153.00	<b>1,27,451.00</b>
<b>c) Institute Dev. Fund</b>		
Development Expenses		-----
Director's Discretionary Fund	16,251.00	16,057=00
Dev. fee collected from student	-----	-----
Over head Expenses	1,12,166.00	<b>1,28,417.00</b>
		1,90,823=00
<b>Total</b>	<b>2,55,868.00</b>	<b>2,06,880=00</b>


**Accountant**

**Dy. Registrar (Accounts)**

## (A) SCHEDULE – T : OTHER EXPENSES

Payment	Current Year (2009-2010)		Previous Year (2008-2009)	
a) Caution Money Refund:				
Institute Caution Money	4,76,000.00		1,04,000=00	
Library Caution Money	13,000.00		1,000=00	
Hostel Caution Money	1,19,000.00		26,000=00	
Mess Caution Money	2,38,000.00	8,46,000.00	52,000=00	1,83,000=00
b) Group Insurance	4,07,725.00	4,07,725.00	4,46,287=00	4,46,287=00
c) Training & Placement	1,36,093.00	1,36,093.00	1,87,065=00	1,87,065=00
d) Computer maint.	-----	-----	5,52,270=00	5,52,270=00
e) (I) Testing & Consultancy	8,58,921.00	8,58,921.00	13,66,331=00	13,66,331=00
(II) Service tax	-----	-----	-----	-----
f) Other Payments				
G.P.F. Subscription	60,98,511.00		52,05,955=00	
T.C.C. Society	93,52,765.00		89,45,857=00	
Income Tax	48,11,105.00		41,03,823=00	
Sales Tax	27,734.00		4,712=00	
Earnest Money			-----	
Retention Money			-----	
Security Deposits	35,525.00		50,511=00	
Un-Disburse Liabilities	3,50,000.00		6,14,512=00	
LIC Premium	23,23,004.00		22,21,905=00	
Staff/Student Welfare			2,000=00	
Suspense Account	19,78,639=00	2,49,77,283=00	82,300=00	2,12,31,575=00
NOIADA(dasa)			-----	
GPF own Contribution			-----	
Institute Contribution			-----	
Gratuity Contribution			-----	
g) Convocation			-----	
h) Alumni			-----	
i) Earthquake			-----	
j) JREDA			10,80,000=00	10,80,000=00
k) N.S.S	13,512.00		1,37,887=00	1,37,887=00
l) NIMCET	23,012.00			
m) TEQIP Interest	67,805.00	1,04,329=00		
Total (A)		2,73,30,351=00		2,51,84,415=00

Accountant

Dy. Registrar (Accounts)

Payment		Current Year (2009-2010)		Previous Year (2008-2009)	
(B)	B/F		2,73,30,351=00	B/F	2,51,84,415=00
j) Out Side Scholarship					
Govt. of India		70,800.00		5,24,550=00	
Andhra Pradesh		66,174.00		5,250=00	
Assam		39,950.00		24,950=00	
All Banks		2,44,557.00		2,93,287=00	
Bihar		5,50,805.00		3,70,950=00	
All Companies		21,000.00		-----	
Jharkhand		12,14,750.00		11,52,550=00	
Himanchal Pradesh		-----		-----	
Kerala		27,420.00		35,590=00	
Chhatishgarh		24,350.00		-----	
Maharastra		-----		-----	
Meghalaya		19,600.00		-----	
Tripura		25,600.00		42,400=00	
Uttaranchal		-----		-----	
Uttar Pradesh		75,980.00		53,475=00	
West Bengal		28,100.00		46,685=00	
Govt. of Karnataka		-----		-----	
Madhya Pradesh		21,525.00		29,770=00	
Rajasthan		3,000.00		18,232=00	
Nagaland		9,600.00		29,350=00	
Tamil Nadu		15,550.00	24,58,761.00	-----	26,27,039=00
<b>Total (B)</b>			<b>24,58,761.00</b>		<b>26,27,039=00</b>
<b>Total (T) A+B</b>			<b>2,97,89,112.00</b>		<b>2,78,11,454=00</b>



Accountant  
22/9/10



Dy. Registrar (Accounts)  
22/9/10

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

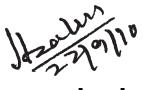
Payment	Current Year (2009-2010)	Previous Year (2008-2009)
3 <sup>rd</sup> Floor Admn. Building		
Main College Building		
Civil/Allied Structure		
Extensive Civil/PHE & Remodeling		
Construction of Boundary Wall around Academic Complex	11,98,115.00	
Computer Centre 1 <sup>st</sup> floor		
Construction of Hostel Building	1,89,747.00	
Library Books		
Construction of Staff Quarters		
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	7,51,154.00	4,28,690=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		48,71,017=00
Infrastructure & Development		90,59,394=00
Purchase of Vehicle	26,32,085.00	8,00,670=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>90,35,878.00</b>	<b>1,53,09,771=00</b>

# Accountant

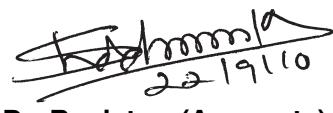
Dy. Registrar (Accounts)

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

	Current Year (2009-2010)	Previous Year (2008-2009)
A) NETWORK SCHEME Upgradation of Deptt. of Prod. Engg.& Mgt.		
B) MODERNIZATION OF LAB / WORKSHOP		
C) AREA OF WEAKNESS		
D) AREA OF EMERGING TECHNOLOGY		
E) PROGRAMME OF NEW & / OR IMPROVE TECHNOLOGY		
F) MHRD Project / scheme / research		
i) Modernization of Fluid Mechanics Lab		
ii) Area of weakness development of centre of advance energy research under thrust area (Dr. Y. P. Yadav) TEQUIP (Transfer to Separate A/C of TEQUIP) Emeritus Fellowship		
G) A.I.C.T.E. SCHEME		
i) Development of Power Electro. App. Centre		
ii) Creation of central facility for advance melting facility		
iii) V.L.S.I. (R.E.- 64,734=00 + N.R. 1,94,360=00)		
iv) Establishment Centre for Mobile computing		
v) Study on timber seasoning solar energy		
vi) SERC (DST) Project	5,15,842.00	49,549=00
<b>Total = (B)</b>	<b>5,15,842.00</b>	<b>49,549=00</b>
<b>Total = (A) + (B)</b>	<b>95,51,720.00</b>	<b>1,53,59,320=00</b>



Accountant

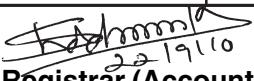


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**SCHEDULE – V : ADVANCES FROM PLAN / SCHEME GRANT**

<b>Payment</b>	<b>Current Year (2009-2010)</b>	<b>Previous Year (2008-2009)</b>
<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 Qrts. 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 xxviii) Purchase of vehicle xxix) <b>OSC Grant</b> Purchase of furniture 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.	4,56,000=00 40,000=00  86,000.00 4,58,179.00  79,91,586.00	49,000=00
<b>TOTAL (A)</b>	<b>85,35,765.00</b>	<b>5,45,000=00</b>
<b>(B) SCHEME GRANT</b>		
xxvii) Modernization of fluid mechanics lab (MHRD Project) xxviii) Development of power electronics application centre (AICTE grant) xxvix) Advance melting facility xxx) D S T Project xxx) V.L.S.I xxxx) Timber Seairning Solar Energy		8,700=00  43,000.00 20,000.00
<b>Total (B)</b>	<b>63,000=00</b>	<b>51,000=00</b>
<b>Total (A+B)</b>	<b>85,98,765.00</b>	<b>6,04,700=00</b>

  
Accountant

  
Dy. Registrar (Accounts)

## SCHEDULE – W: CLOSING BALANCES

Particulars	Reconciliation	As per Cash Book
CURRENT ACCOUNT:		
As per Bank Statement	2,13,82,212=18	
Add – Amount wrongly debited by Bank	60,000=00	
	<b>2,14,42,212=18</b>	
Less uncashed cheques amount	5,44,19,494=00	
Balance as per Cash Book		(-) 3,29,77,281=82
SAVINGS BANK ACCOUNT (S.B.I A/C No.10678399349)		
As per Bank Statement	37,27,64,336=96	
Add deposited but not credited	6,41,735=00	
Balance as per Cash Book		37,34,06,071.96
Non – Plan A/C No. 10678399430		2,01,01,865.39
Project grant – A/C No.10678399441		15,97,151.31
Debt & Deposit A/C No.10678399452		1,38,89,223.25
S.B A/C. Canara Bank A/C No - 28319		3,71,77,582.00
Fixed Deposits		7,78,82,597.00
<b>Total</b>		<b>49,10,77,209.09</b>

*J. K. Patel*  
22/9/10

Accountant

*S. D. Shah*  
22/9/10

Dy. Registrar (Accounts)

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*Grant Statement*  
*For the Financial Year 2009-2010*

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# Statement showing Receipt, Payment and Balance of Central Government Plant Grant for the Year 2009 - 2010

**A - PLAN GRANT**

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009 - 10	Total (4+5)	Expenditure during the year 2009 -10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
1	Ministry of Human Resource Development, Govt. of India, New Delhi	Construction of Institutional Building	86,22,733=73	NIL	86,22,733=73	NIL	NIL	NIL	86,22,733=73
2	-do-	Construction of Staff Quarter & Guest House	5,32,232=24	NIL	5,32,232=24	1,89,747=00	86,000=00	2,75,747=00	2,56,485=24
3	-do-	Construction of Hostel Building	(-) 1,63,232=41	NIL	(-) 1,63,234=41	NIL	NIL	NIL	(-) 1,63,234=41
4	-do-	Library Books	(-) 10,987=59	NIL	(-) 10,987=59	NIL	NIL	NIL	(-) 10,987=59
5	-do-	Amenities to Staff & Students including Students Activity Centre	40,022=00	NIL	40,022=00	NIL	NIL	NIL	40,022=00
6	-do-	Purchase of Vehicle	76,750=00	NIL	76,750=00	NIL	NIL	NIL	76,750=00
7	-do-	Internal Telephone System	12,58,817=00	NIL	12,58,817=00	NIL	NIL	NIL	12,58,817=00
8	-do-	Civil & Allied Structure for construction of New 33 KV/A Sub-station	43,94,355=00	NIL	43,94,355=00	NIL	NIL	NIL	43,94,355=00
		<b>Total</b>	<b>1,47,50,687=97</b>	<b>0.00</b>	<b>1,47,50,687=97</b>	<b>1,89,747=00</b>	<b>86,000=00</b>	<b>2,75,747=00</b>	<b>1,44,74,940=97</b>

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4- 2009	Amount received during 2009 -10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery (Adv)	Total Expenditure (7+8)	Closing Balance as on 31-03- 10
1	2	3	4	5	6	7	8	9	10
		B/F	1,47,50,687=97	0.00	1,47,50,689=97	1,89,747=00	86,000=00	2,75,747=00	1,44,74,940=97
9	L.No. F8-8/05 TS III dt. 22-11-05	Extensive Civil, PHE Remodeling of Hostel	19,21,023=27	Nil	19,21,023=27	Nil	Nil	Nil	19,21,023=27
10	L.No. F8-8/05 TS III dt. 22-11-05	Construction of Boundary Wall around the Entire Campus & Slag Road	79,35,212=00	Nil	79,35,212=00	Nil	Nil	Nil	79,35,212=00
11	-do-	Construction of Asphalt Road within Campus	1,00,00,192=00	Nil	1,00,00,192=00	Nil	Nil	Nil	1,00,00,192=00
12	-do-	Development & Construction of Play ground	1,22,947=00	Nil	1,22,947=00	Nil	Nil	Nil	1,22,947=00
13	MHRD New Delhi L.No. F 8-8/05 TS III dt. 22-11-05	Space for Utility Area in Hostel Complex for STD/ISD PCO, Xeroxing, Convenience	2,32,946=00	Nil	2,32,946=00	Nil	Nil	Nil	2,32,946=00
14		Construction of 1 <sup>st</sup> Floor of existing Computer Centre & Lib. Building including Civil, PHE, Elect. & Air conditioning	41,29,680=00	Nil	41,29,680=00	11,98,115=00	Nil	11,98,115=00	29,31,565=00
15		Construction of 3 <sup>rd</sup> Floor of Adm. Building for class room	22,56,247=00	Nil	22,56,247=00	Nil	Nil	Nil	22,56,247=00
		<b>Total</b>	<b>4,13,48,935=24</b>	<b>0.00</b>	<b>4,13,48,935=24</b>	<b>13,87,862=00</b>	<b>86,000=00</b>	<b>14,73,862=00</b>	<b>3,98,75,073=24</b>

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009 - 10	Total (4+5)	Expenditure during the year 2009 - 10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
		BIF	4,13,48,935=24	0.00	4,13,48,937=24	13,87,862=00	86,000=00	14,73,862=00	3,98,75,073=24
16	F.8/05 TS III dt. 22-11-05	Construction of Boundary Wall around the Academic Complex	24,68,452=00	Nil	24,68,452=00	Nil	Nil	Nil	24,68,452=00
17	F.8/05 TS III dt. 22-11-05	Construction of New Staff Quarter for Faculty	65,48,818=00	Nil	65,48,818=00	Nil	Nil	Nil	65,48,818=00
18		Remodeling of existing Guest House	40,97,349=00	Nil	40,97,349=00	Nil	Nil	Nil	40,97,349=00
19		Development of Campus Green	10,00,160=00	Nil	10,00,160=00	Nil	Nil	Nil	10,00,160=00
20		11 KVA Distribution System of 630 KV/A Transformer	33,54,545=00	Nil	33,54,545=00	Nil	Nil	Nil	33,54,545=00
21		Minor Renovation of Electrical works for Admn. Building & Workshop	4,72,262=00	Nil	4,72,262=00	Nil	Nil	Nil	4,72,262=00
22		Electrical Renovation of Old Staff Qr.	20,00,209=00	Nil	20,00,209=00	Nil	Nil	Nil	20,00,209=00
		<b>Total</b>	<b>6,12,90,730=24</b>	<b>0.00</b>	<b>6,12,90,730=24</b>	<b>13,87,862=00</b>	<b>86,000=00</b>	<b>14,73,862=00</b>	<b>5,98,16,868=24</b>


Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
	B/F	6,12,90,730=24	0.00	6,12,90,732=24	13,87,862=00	86,000=00	14,73,862=00	5,98,16,868=24	
23	Modernization of Class Room & Office, Equipment of all Deptt.	21,80,231=98	50,00,000=00	71,80,231=98	7,51,154=00	Nil	7,51,154=00	64,29,077=98	
24	Internet & other Communication facility	40,56,679=00	NIL	40,56,679=00	Nil	Nil	Nil	40,56,679=00	
25	F 8-8/05 TS III dt. 22-11-05	Infrastructure Dev. & Major Equipment	37,736=00	NIL	37,736=00	Nil	Nil	Nil	37,736=00
26	Video on demand virtual class room facility	80,00,000=00	Nil	80,00,000=00	Nil	Nil	Nil	Nil	80,00,000=00
27	Modernization of Existing Cooking Kitchen Facility of Mess & Hostel	9,99,000=00	Nil	9,99,000=00	Nil	Nil	Nil	Nil	9,99,000=00
28	Whole Campus renovation	528=00	1,00,00,000=00	1,00,00,528=00	Nil	Nil	Nil	Nil	1,00,00,528=00
29	Provision for Air Conditioning & Stand by Generator for Library Build.	5,41,550=00	Nil	5,41,550=00	Nil	Nil	Nil	Nil	5,41,550=00
30	Furniture for New Boys Hostel & Guest House	48,38,139=00	22,00,000=00	70,38,139=00	Nil	Nil	Nil	Nil	70,38,139=00
31	D.G. Set	30,00,000=00	Nil	30,00,000=00	Nil	Nil	Nil	Nil	30,00,000=00
32	Matching Grant for Network Scheme	1,50,000=00	Nil	1,50,000=00	Nil	Nil	Nil	Nil	1,50,000=00
33	NIT transit house (New Delhi)	(-) 1,50,000=00	3,00,000=00	1,50,000=00	1,50,000=00	Nil	1,50,000=00	Nil	
34	Construction of campus Road	20,00,000=00	Nil	20,00,000=00	Nil	Nil	Nil	20,00,000=00	
		8,68,44,594=22	1,75,00,000=00	10,44,44,594=22	22,89,016=00	86,000=00	23,75,016=00	10,20,69,578=22	

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
		B/F	8,69,44,594=22	1,75,00,000=00	10,44,44,594=22	22,89,016=00	86,000=00	23,75,016=00	10,20,69,578=22
35		Deep boring improvement of water supply	NIL	NIL	NIL	NIL	NIL	NIL	NIL
36		Under-ground cabling	50,00,000=00	NIL	50,00,000=00	NIL	NIL	NIL	50,00,000=00
37		Purchase of vehicle	7,96,648=00	25,00,000=00	32,96,648=00	26,32,085=00=00	4,58,179=00	30,90,264=00	2,06,384=00
38		Centre of Excellence	21,57,376=89	NIL	21,57,376=89	NIL	NIL	NIL	21,57,376=89
		<b>TOTAL (A)</b>	<b>9,48,98,619=11</b>	<b>2,00,00,000=00</b>	<b>11,48,98,619=11</b>	<b>49,21,101=00</b>	<b>5,44,179=00</b>	<b>54,65,280=00</b>	<b>10,94,33,339=11</b>
(B)	Govt. Loan A/C		(-) 1,99,169=12		(-) 1,99,169=12				(-) 1,99,169=12
		<b>TOTAL (A+B)</b>	<b>9,46,99,449=99</b>	<b>2,00,00,000=00</b>	<b>11,46,99,449=99</b>	<b>49,21,101=00</b>	<b>4,58,179=00</b>	<b>54,65,280=00</b>	<b>10,92,34,169=99</b>
(C)	NoF.9-10/08TS	i) O.S.C. Grant (Plan)	6,06,75000=00	NIL	6,06,75000=00	41,14,777=00	79,91,586=00	1,21,06,363=00	4,85,68,637=00
	III Date 9-6-08	ii) Non-Plan	33,75,000=00	NIL	33,75,000=00	NIL	NIL	NIL	33,75,000=00
		<b>TOTAL (C)</b>	<b>6,40,50,000=00</b>	<b>NIL</b>	<b>41,14,777=00</b>	<b>79,91,586=00</b>	<b>1,21,06,363=00</b>	<b>5,19,43,637=00</b>	

  
 DR. (Accounts)  
 NIT, Jamshedpur

  
 Accountant  
 NIT, Jamshedpur

## (D) All India Council of Technical Education (AICTE) Scheme Grant

Sl. No.	Sanctioning Authority Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
1.		Preparation and characterization of Advance Ceramic Materials	6,43,885=53	0.00	6,43,885=53	0.00	0.00	0.00	6,43,885=53
2.		Development of Power Electronics Applications Centre (Dr.A.N. Thakur)	1,35,660=00	0.00	1,35,660=00	0.00	0.00	0.00	1,35,660=00
3.		Creation of Central Facility Holographic Non-destructive Creation of Advance Melting Facility	7,08,580=00	0.00	7,08,580=00	0.00	0.00	0.00	7,08,580=00
4.		Holographic Non-destructive Creation of Advance Melting Facility	3,37,364=61	0.00	3,37,364=61	0.00	0.00	0.00	3,37,364=61
5.		Design Dev. & Fabrication Holographic Solar	4,70,795=00	0.00	4,70,795=00	0.00	0.00	0.00	4,70,795=00
6.		E.M.D. Scheme (Dr. R.J. Singh)	8,00,000=00	0.00	8,00,000=00	0.00	0.00	0.00	8,00,000=00
		<b>TOTAL :- ( D )</b>	<b>30,96,285=14</b>	<b>0.00</b>	<b>30,96,285=14</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>30,96,285=14</b>

DR. ( Accounts )  
NIT, Jamshedpur

Accountant  
NIT, Jamshedpur

## (E) M.H.R.D. Scheme Grant (Govt. of India)

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
1.		Network Scheme Modernisation	2,25,770=35 32,66,744=20	0.00 0.00	2,25,770=35 32,66,744=20	0.00 0.00	0.00 0.00	0.00 0.00	2,25,770=35 32,66,744=20
2.		Modernization of Concrete Lab.	14,00,000=00	0.00	14,00,000=00	0.00	0.00	0.00	14,00,000=00
3.		Modernization of Computer Centre	10,00,000=00	0.00	10,00,000=00	0.00	0.00	0.00	10,00,000=00
4.		Modernization of Internet Facilities	10,00,000=00	0.00	10,00,000=00	0.00	0.00	0.00	10,00,000=00
5.		Area of Weakness	8,01,343=74	0.00	8,01,343=74	0.00	0.00	0.00	8,01,343=74
6.		Area of Emerging Technology	65,269=31	0.00	65,269=31	0.00	0.00	0.00	65,269=31
7.		Programme of New Improved Technology	1,65,223=43	0.00	1,65,223=43	0.00	0.00	0.00	1,65,223=43
8.		Research & Development	13,00,000=00	0.00	13,00,000=00	0.00	0.00	0.00	13,00,000=00
9.	F-27-1/2004 TSV dt. 31-03-05	Establishing Centre for Mobile Computer	9,93,228=00	0.00	9,93,228=00	0.00	0.00	0.00	9,93,228=00
10.	28-1/2004 TSV dt. 31-03-2005	Modernization of Power Electro Devices	10,00,000=00	0.00	10,00,000=00	0.00	0.00	0.00	10,00,000=00
11.	26-11/2004 TSV dt. 31-03-2005	Study on Timber Seasoning by Solar Energy	11,91,260=00	0.00	11,91,260=00	0.00	20,000=00	20,000=00	11,71,260=00
12.		Industry Institute Interaction III cell	69,957=86	0.00	69,957=86	0.00	0.00	0.00	69,957=86
13.		Geology Project	8,33,861=78	54,466=00	8,88,327=78	0.00	0.00	0.00	8,88,327=78
14.	F-28-2/2000 TSV Dated 28-3-2000	TOTAL : (E)	1,33,12,658=67	54,466=00	1,33,67,124=67	0.00	20,000=00	20,000=00	1,33,47,124=67

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1	2	3	4	5	6	7	8	9	10
1	Govt. of India Ministry of Communication & Information Technology Scheme 21/19/2005-VCND	Special Manpower Dev. Program for VLSI	6,83,568=00	0.00	6,83,568=00	0.00	43,000=00	43,000=00	6,40,568=00
2	GIA/1634/2007-08 Dated:- 27-8-2007	SERC ( DST ) Project Instt	6,71,205=00	Nil	6,71,205=00	5,15,842=00	Nil	5,12,842=00	1,58,363=00
		TOTAL : (F)	13,54,773=00	Nil	13,54,773=00	5,15,842=00	40,000=00	5,55,842=00	7,98,931=00

*✓  
22/3/10*

DR (Accounts)  
NIT Jamshedpur

*✓  
22/3/10*  
Accountant  
N.I.T Jamshedpur

## (G) Other Grant (Govt. of India)

Sl. No.	Sanctioning Authority, Letter No. & Date	Purpose	Opening Balance as on 1-4-2009	Amount received during 2009-10	Total (4+5)	Expenditure during the year 2009-10	Advance Payment & Recovery	Total Expenditure (7+8)	Closing Balance as on 31-03-10
1.	Govt. of India Deptt. Of Atomic Energy C.S.I.R. New Delhi	Research work	9,083=36	00.00	9,083=36	00.00	00.00	00.00	9,083=36
2.	U.G.C., New Delhi	Research work	120=00	00.00	120=00	00.00	00.00	00.00	120=00
3.		<b>TOTAL ( G )</b>	38,006=26	00.00	38,006=26	00.00	00.00	00.00	38,006=26
			<b>TOTAL ( G )</b>	<b>47,209=62</b>	<b>00.00</b>	<b>47,209=62</b>	<b>00.00</b>	<b>00.00</b>	<b>47,209=62</b>
		<b>(H) State Govt. of Bihar</b>							
1.	Dept. Of Industry Dept. Of Sc. & Tech.	Research Research	(-) 18=69 51,329=55	00.00 00.00	(-) 18=69 51,329=55	00.00 00.00	00.00 00.00	00.00 00.00	(-) 18=69 51,329=55
2.		Purchase of Vehicle	24,811=80	00.00	24,811=80	00.00	00.00	00.00	24,811=80
3.		Amenities to Students & Staff Dispersay Ejpt.	13,338=00	00.00	13,338=00	00.00	00.00	00.00	13,338=00
4.		Establishment of Instrumentation	1,29,064=96	00.00	1,29,064=96	00.00	00.00	00.00	1,29,064=96
5.		Repairing Cell							
		<b>TOTAL ( H )</b>	<b>2,18,525=62</b>	<b>00.00</b>	<b>2,18,525=62</b>	<b>00.00</b>	<b>00.00</b>	<b>00.00</b>	<b>2,18,525=62</b>

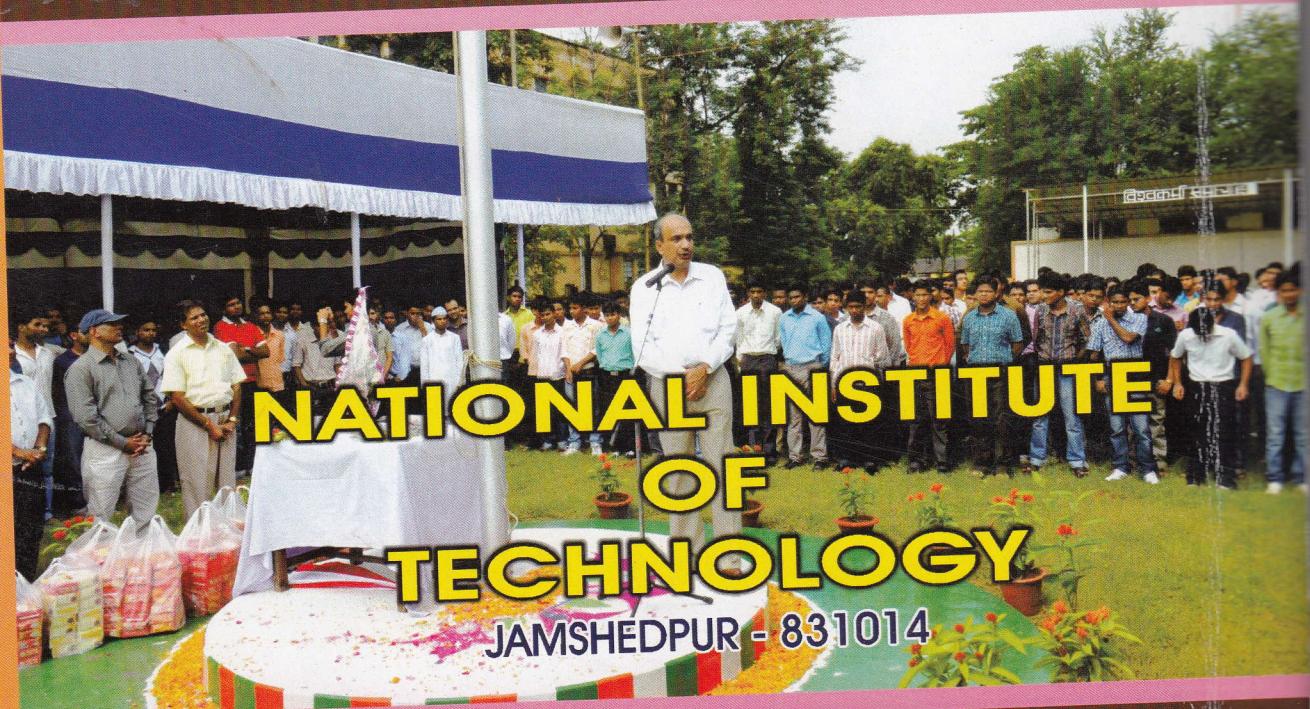


DR (Accounts)  
NIT Jamshedpur



Accountant  
N.I.T Jamsheedpur

**Annual Report  
and  
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2009 - 2010**



**NATIONAL INSTITUTE OF TECHNOLOGY**

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