

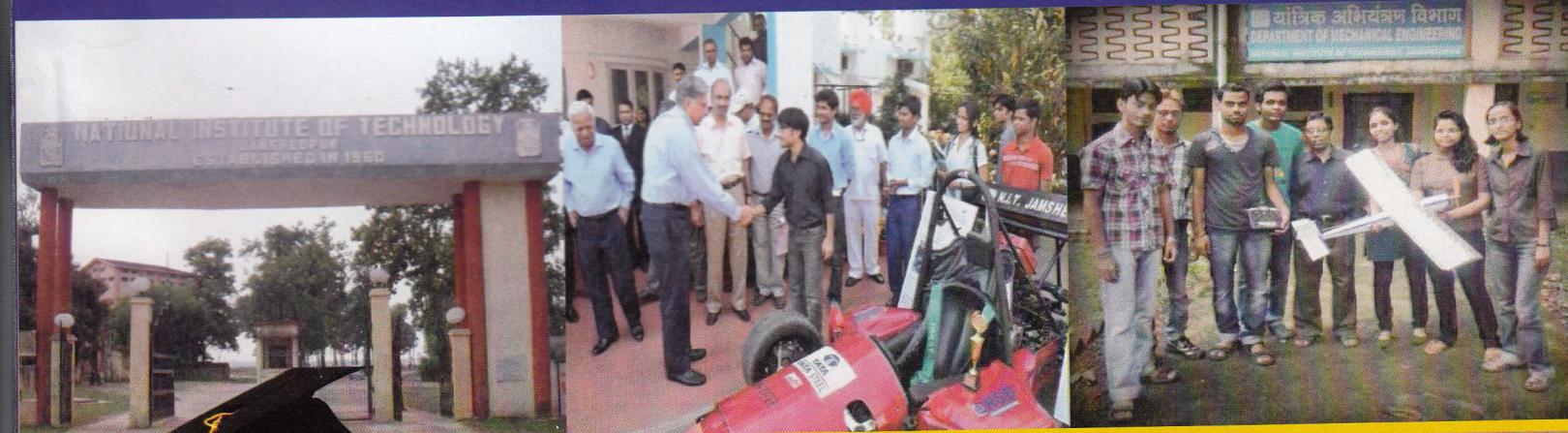


NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR



**Annual Report and
Audited Annual Accounts**

2011 - 2012



1.0 INTRODUCTION

1.1 Vision

Establishing unique identity by development of high quality human and knowledge resources in the diverse areas of technologies to meet economic and social need of our nation and human society at large in self-sustained manner.

1.2 Mission

Our mission is to train and transform young men and women into thinking engineers, technologists and scientists, who are motivated by a passion for professional excellence, driven by human values and proactively engaged in the betterment of the society.

1.3 Goals

- To offer effective teaching-learning to students
- To provide the knowledge, skills and attitudes to UG and PG students for their being able to be distinguished globally and be socially responsible
- To train the students to learn to meet changing needs due to rapid technological advancement, to offer the society the necessary technology and to actively participate in all round socio-economic development programmes
- To provide facilities, infrastructure, inspiration and resources to conduct the meaningful research along with development of understanding of social relevance including that of indigenous materials, capacities and technologies
- To act as centres of excellence in technical education catalysing absorption, innovation, diffusion and transfer of high technologies for improved productivity & quality of life at national and global level
- To have regional consideration as regards to local needs, relevance, strength and limitations and the community services

1.4 Objectives

- To Create an environment for effective teaching-learning by encouraging the students and faculty to nurture their intellectual curiosity, and scientific and research temper
- Induction of highly qualified, talented, competent & motivated faculty, and trained & dedicated supporting technical and administrative staff
- Establishment of excellent academic support facilities (laboratory, library, Internet etc) required for good education on continuous basis
- Provide opportunities for continuous updating the knowledge of faculty through faculty exchange from premier institutions and industry
- Establishment of procedures and methodologies for regular monitoring and control of quality of all academic programmes
- Reforms in regulations and curriculum-greater flexibility to students
- IT enabled management of all activities of institute
- Have strong linkage with industries
- Technology up-gradation, development and transfer
- Active participation of alumni in resource generation, planning and development
- Organizing and participation of staff and students in in-house and outside training programs, seminars, conferences and workshops on continuous basis
- Increase research and consultancy activity, with options for incentives and encouragement to motivate staff and students to actively involve in research activities in collaboration with industry and R&D Centres
- Increase the number of continuing education programmes
- Exchange faculty and working personnel from industry
- Providing the society with necessary consultancy and training to solve local problems on a con by organising community development programs
- Increase demand and pay packages of the student
- Increase Institute-Industry interaction
- Entrepreneurship development
- Increased interaction with educational and other research institutes

1.5 Methodologies

- Identify the particular areas of technology needed
- Identify the problems of particular region
- SWOT analysis (Examining of the existing facilities)
- Submit concrete proposals to funding agencies for necessary grant
- Establish/strengthen R&D facilities in the institute in collaboration with industries
- Develop more research-oriented labs and centres
- Involve students in innovative technology projects
- Research & development oriented education
- Create national/international collaborative programmes
- Introduce need based more number of UG, PG & research programmes
- Networking among NITs for resource and expertise sharing
- Improve in service conditions of faculty members and technical staff commensurate to that of the industry to attract best faculty and staff
- Introduction of award of merit, recognition and sabbatical leave to performing faculty and staff

1.6 Output Indicator

- Increase in research publication, patents and technology transfer to industry
- Increase in sponsored research projects and consultancy
- Increase in Ph.D. and post-doc research
- Increase in state of art laboratories in cutting edge technologies
- Increase in national and international conferences
- Increase in qualified (minimum Ph.D.) & talented faculty
- Class rooms and laboratories equipped with latest tools being used meaningfully
- Adjunct/Visiting faculty from the industry
- Faculty visit/training/collaborative ventures with industry, research organizations and other academic institutions of repute in India & abroad
- Increase in student strength at M.Tech. and Ph.D. level (restructuring the existing programmes and introducing new programmes)
- Introducing new innovative programs like Dual degree program, MS by research program
- Increase in degree programmes
- Increase in foreign students intake
- Increase in the departments and centre of excellence
- Increase in resource generation through alumni, consultancy, fee etc
- Increase in community services to payback to the society
- Increase in qualified technical staff
- Increase in non-formal training to industry and other educational institute (Executive/staff development Programme)
- Lectures by distinguished professionals from industry and academic institute

- National and Global accreditation certification and licensing for global competitiveness as per (GATS- Mode 2 and Mode – 4)
- Development of state-of-the-art infrastructure in terms of building (offices, Lecture theatres, new laboratories, new departments and centres, hostels, faculty and staff residences), equipment, library, video conferencing & media centre, medical, road, electricity, water supply, sanitation, telecom and Internet facilities, security, recreational facilities, environment and ambience.
- Increased utilisation of infrastructure facilities in terms of man-hours by sharing the facilities with the other academic institutions.
- Establishment of industry sponsored chairs
- Nurturing entrepreneurs
- Administrative reforms (MIS, Transparency and self monitoring mechanisms, autonomy, well defined responsibilities & accountability, maintenance etc)

Exchange programs at national & international level

2.0 AN OVERVIEW

2.1 Historical Background

National Institute of Technology, Jamshedpur was originally founded as Regional Institute of Technology in 1960 by Dr. Srikrishna Sinha, the then chief minister of Bihar with the aim of nurturing talent and setting high standards of education and excellence. Having been a freedom fighter himself, he chose the auspicious day of 15th August, 1960 to lay the foundation stone. The Institute was upgraded to National Institute of Technology on 27th December, 2002, with the status of a Deemed University. It is now totally Administrative and Financial control of the Ministry of Human Resources Development, Government of India, New Delhi since 1st April, 2003. It is an Institute of National Importance.

The Institute has several departments in various disciplines of engineering and the pure sciences, with nearly 100 laboratories organized on a unique pattern of functioning.

Situated in the heart of the rich mineral and industrial belt of Jharkhand State, the campus encompasses the Main building, the Library, the Computer Center, 11 hostels (9 Boys' hostels and 2 Girls' hostels), staff quarters, Guest House, a Students' Gymkhana, a Post-office , a branch of State Bank of India, two ATMs, central store and a dispensary. The hostels and departments are connected with high speed wireless LAN. The institute maintains courts for basketball, volleyball, badminton and tennis. Apart from this, it also has cricket, hockey and football grounds.

The institute is poised for bright and promising future for its students. The annual system of the curricula has been changed to semester system. The courses have been completely restructured and prepared as per the needs of society and industries. There is refreshing development on every front. The institute has achieved impressive placement for its students, with top industrial houses and software companies recruiting the students in large numbers.

2.2 Location

NIT Jamshedpur is situated at a distance of 12 kilometers from Tatanagar Railway Station, on the banks of the rivers Kharkai. It is just far enough to ensure that the city with its noise is too distant to distract and just near enough to guarantee that all city facilities are immediately available. The institute is strategically located with the unique advantage of being surrounded by giant and medium scale industries like Tata-Steel, Telco, Indian Steel Wire Products, Tata Tubes, 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.

2.3 Campus

NIT Jamshedpur's campus consists of 350 acres (1.4 km^2) of land located 2 km off the Tata-Seraikella Road. It is 3 km from Adityapur railway station and 11 km from main Tatanagar railway station. The academic and administrative buildings are located between the Up-Hostels and the Down-hostels. The Kharkai River meanders is 2 kilometers away from the Down Hostels. The institute is at the center of the industrial belt of Adityapur. The main market place Bistupur is around 5 km from the campus. The Campus is extremely picturesque with Greenery and thick foliage, and mountains in the backdrop. There is a High School(DAV Public School, NIT Campus) located in the institute's campus.

2.4 Academic Programmes and Mode of Admission

- **B.Tech.(Hons.):** The institute offers the 4-year Bachelor of Technology (Honours) degree in the following streams of engineering : Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communications Engineering, Mechanical Engineering, Metallurgical & Materials Engineering, Production & Industrial Engineering.

Mode of admission: AIEEE (upto 2012), JEE Mains (2013 onwards), conducted by the Central Board of Secondary Education

B.Tech (Hons) "Civil Engineering"
B.Tech (Hons) "Computer Science and Engineering"
B.Tech (Hons) "Electrical Engineering"
B.Tech (Hons) "Electronics and Communication Engineering"
B.Tech (Hons) "Mechanical Engineering"
B.Tech (Hons) "Metallurgical Engineering and Material Science"
B.Tech (Hons) "Production Engineering and Management"

- **M.Tech:** The institute also offers the 2-year Master of Technology degree in all the Engineering courses.

Mode of Admission: GATE, conducted by the Indian Institutes of Technology

M.Tech "Computer Integrated Design and Manufacturing"
M.Tech "Thermal Engineering"
M.Tech "VLSI Design & Embedded System"
M.Tech "Production and Management Engineering"
M.Tech "Electrical Power Systems"

- **M.C.A:** Master of Computer Applications (3-year degree).

Mode of Admission: NIMCET, Jointly conducted by the National Institutes of Technology.

- **Ph.D:** The institute offers Ph.D. in the following streams of engineering : Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communications Engineering, Mechanical Engineering, Metallurgical & Materials Engineering, Production & Industrial Engineering. It also offers Ph.D. in Physics, Chemistry and Mathematics.

2.5 Under Graduate Admission Procedure

The admission to 1st year of B.Tech. (Hons.) programmes are made on the basis of the All India Engineering Entrance Examination (AIEEE) conducted by CBSE as per guidelines framed by Ministry of Human Resource Development, Govt. of India. The reservation policy of the central Govt. is followed for the students from S.C. / S.T. / O.B.C. categories.

Few seats (decided by Ministry of Foreign affairs, Govt. of India, New Delhi) are reserved for the students of foreign nations, which are nominated by ICCR, New Delhi.

2.6 Post Graduate Admission Procedure

M. Tech. students are admitted on the basis of their GATE score & their performance at a screening test / interview conducted by the institute.

Students are admitted to the MCA program based on their performance at NIMCET entrance examination conducted by one of NIT's.

2.7 Ph.D. Admission Procedure**Eligibility**

Candidates must possess Master Degree in Engineering (in the relevant fields) or Science or MCA or MBA or its equivalent from a recognized University with at least 60% marks (or a CGPA of 6.5 in a 10 point scale) in the qualifying examination. B.E. / B.Rech. in relevant field is also admitted in Ph.D... Programme.

Selection Procedure

Candidate possessing qualification as given above are to be selected for admission to the program on the basis the following weightage:

- | | | |
|----|--|------------|
| a. | Overall academic performance | 70 percent |
| b. | Test and Interview conducted by Department | 30 percent |

2.8 Admission Requirements for Ph.D. Programme

A sponsored scholar selected for admission shall be required at the time of joining the Institute:

- To submit evidence of having passed the qualifying examination and such other documents as the Institute may require.
- To produce certificate from the employers to the effect
 - i. That he has been officially released from his duties for purpose of joining the program and has been granted the leave for the required period.
 - ii. That his services shall be retained with the employers.
- A self supporting candidate in service shall produce a release certificate from his/her employer at the time of admission.

2.9 Examination System

The institute is having semester pattern of Examination at UG & PG levels.

The Academic section of the Institute centrally conduct Mid-semester, End-semester and supplementary examinations for theory papers. Practical examination and Project work are conducted by respective departments for their students.

Under the Semester system, the teachers themselves set the Mid-term & End-term question papers & evaluate them. They conduct quiz & class tests for teacher's evaluation. The Mid-term examination carries 30 marks, teacher's evaluation 20 & the End-term examination carry 50 marks. The students are awarded letter grades from Excellent (Ex) to fail (F) depending on their over all performance. Results of examination is placed before Departmental Academic Council (DAC) for consideration and approval. The results are approved by either the Under Graduate program Evaluation Committee (UGPEC) or Post Graduate Evaluation Committee (PGPEC) & then sent to the Senate for final approval. The students have to maintain a CGPA of 6.0 to continue beyond their first year of study. Supplementary examinations are organized in the summer quarter.

LIST OF BOARD OF GOVERNERS MEMBERS

1.	Shri B. Muthuraman, Managing Director, Tata Steel Limited, Jamshedpur.	Chairman
2.	Prof. Rajnish Srivastava, Director, NIT, Jamshedpur - 831014	Ex-officio
3.	Mr. Ashok Thakur Additional Secretary (TS), Government of India Ministry of Human Resource Development, (Dept. of Higher Education), Shastri Bhawan, New Delhi - 110 001	Member
4.	Mr. S.K. Ray 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.	Mr. Sudhir Prasad, Principal Secretary, Department of Science & Technology, Government of Jharkhand Nepal House, Doranda, Ranchi - 834002	Member
6.	Prof. Arun Kumar, Director, Department of Science & Technology, Government of Jharkhand Nepal House, Doranda, Ranchi - 834002	Member
7.	Prof. D. Acharya, Director, Indian Institute of Technology Kharagpur - 721302 (W.B.)	Member
8.	Prof. Swapna Banerjee, Department of Electronics and Electrical Communications, Indian Institute of Technology, Kharagpur - 721302 ((W.B.))	Member
9.	Prof. Shambhu Sharan, Professor of Mechanical Engg. Department, NIT, Jamshedpur - 831014	Member
10.	Dr. T Mandal, Assistant Professor, Deptt. of Mathematics, NIT, Jamshedpur - 831014	Member
11.	Prof. Shalendra Kumar, Registrar NIT Jamshedpur	Member – Secretary

MEMBERS OF FINANCIAL COMMITTEE

1	Shri B. Muthuraman Chairman, BOG NIT, Jamshedpur	Chairman
2	Prof. Rajnish Shrivastava Director, NIT, Jamshedpur	Member (Ex-officio)
3	Mr. N. Soi Director(Finance) MHRD, Govt. of India	Member (Central Govt. Nominee)
4	Prof. Arun Kumar, Director, Department of Science & Technology, Government of Jharkhand Nepal House, Doranda, Ranchi – 834002	Member (State Govt. Nominee)
5	Prof. Swapna Banerjee Professor IIT, Kharagpur	Member (Council Member)
6	Prof. Shambhu Sharan, Professor of Mechanical Engg. Department, NIT, Jamshedpur – 831014	Member (Senate Nominee)
7	Dr. T Mandal, Assistant Professor, Deptt. of Mathematics, NIT, Jamshedpur – 831014	Member (Senate Nominee)
8	Prof. Shalendra Kumar, Registrar NIT Jamshedpur	Member – Secretary

MEMBERS OF BUILDING AND WORKS COMMITTEE

1	Prof. Rajnish Shrivastava Director, NIT Jamshedpur	Chairman
2	Shri Rajesh Singh Deputy Secretary(NITs), Dept. of Higher Education, MHRD, Govt. of India, New Delhi.	Member
3	Shri. N. Soi Director(Finance),IFD, MHRD (Representative,MHRD), Govt. of India, New Delhi.	Member
4	Prof. Shambhu Sharan Senate Nominee Member, BOG., NIT, Jamshedpur	Member
5	Dr. Tarni Mandal Senate Nominee Member, BOG., NIT, Jamshedpur	Member
6	Prof.(Dr.) M.M. Prasad Dean(Planning & Development) NIT, Jamshedpur.	Member
7	Er. Rajesh Kumar Executive Engineer(CES), Ranchi Project Division, CPWD, Ranchi.	Member
8	Er. S.K. Kashyap Electrical Executive Engineer Electric Supply Division (Ranchi East), JSEB Ranchi.	Member
9	Prof.(Dr.) Shalendra Kumar Registrar NIT, Jamshedpur	Member Secretary

MEMBERS OF SENATE

1	Prof. Rajnish Shrivastava Director, NIT Jamshedpur	Chairman
2	Prof. Shambhu Sharan Dean (Academic)	Member
3	Dr. S. B. L. Seksena Dean (Faculty Welfare)	Member
4	Dr. M. M. Prasad Dean (Planning & Development)	Member
5	Dr. A. K. Singh Dean (Students Welfare)	Member
6	Dr. R. J. Singh Prof. & Head, Met. & Materials Engg.	Member
7	Dr. Y. P. Yadav Prof. & Head, Phy, Chem & Math Deptt.	Member
8	Dr. R. V. Sharma Prof. & Head, Mechanical Engg. Deptt.	Member
9	Dr. R. K. Prasad Prof. & Head, Computer Sc. & Engg. Deptt.	Member
10	Prof. A. K. Mehta Head, Department of Computer Applications	Member
11	Dr. A. M. Tigga Prof. & Head, Production & Industrial Engg. Deptt.	Member
12	Dr. A. Choubey Prof. & Head, Electronics & Communication Engg.	Member
13	Dr. Niranjan Kumar Head, Electrical & Electronics Engg. Deptt.	Member
14	Prof. A. K. Khan Prof. & Head, Civil Engg. Deptt.	Member

15	Dr. S. P. Sharma Professor, Mechanical Engineering Deptt.	Member
16	Dr. B. N. Prasad Professor, Mechanical Engg. Deptt.	Member
17	Dr. J. N. Yadav Professor, Mechanical Engg. Deptt.	Member
18	Dr. A.K.L. Srivastava Professor, Civil Engineering Deptt.	Member
19	Dr. A.N. Thakur Professor, Electrical & Electronics Engg Deptt.	Member
20	Dr. R.N. Mahanty Professor, Electrical & Electronics Engg Deptt.	Member
21	Dr. H.N. Singh Professor, Mechanical Engineering Deptt.	Member
22	Dr. Sanjay Professor, Mechanical Engineering Deptt.	Member
23	Dr. M.K. Paswan Professor, Mechanical Engineering Deptt.	Member
24	Dr. S.K. Sahay Professor, Metallurgical & Materials Engg. Deptt.	Member
25	Dr. R.P. Singh Professor, Metallurgical & Materials Engg. Deptt.	Member
26	Dr. S.N. Singh Professor, Electronics & Communication Engg Deptt.	Member
27	Dr. U. Laha Professor, Physics Department	Member
28	Dr. Amit Chatterjee Advisor to the M. D. Tata Steel, Jamshedpur	Member (External)

29	Fr. E. Abraham Director XLRI, Jamshedpur	Member (External)
30	Prof. O. N. Mohanty Director Technology & Academic Initiative RSB Metal Tech, RSB Group	Member (External)
31	Dr. A. K. Dikshit Professor Centre for Environmental Science & Engg. IIT, Mumbai, Powai	Member (External)
32	Prof. D. K. Tripathy Vice Chancellor VSS University of Technical Education Burla University	Member (External)
33	Prof. Sudhir Kumar Barai Professor Department of Civil Engg. IIT, Kharagpur	Member (External)
34	Prof. (Dr.Ms.) Laksmisree Banerjee Provice Chancellor Kolhan University Chaibasa (Jharkhand)	Member (External)
35	Dr. Shalendra Kumar Dean (Research & Consultancy) & Registrar NIT, Jamshedpur	Secretary

ADMINISTRATIVE STRUCTURE

Sl.No.	Designation	Name
1	Director	Prof. Rambabu Kodali
2	Dean (Faculty Welfare)	Prof. S. B. L. Seksena
3	Dean (Planning & Development)	Prof. M. M. Prasad
4	Dean (Academic Affairs)	Prof. S. Saran
5	Dean (Students Welfare)	Prof. A. K. Singh
6	Associate Dean (Planning & Development)	Dr. A.K.L. Shrivastava
7	Associate Dean (Academic Affairs)	Dr. H.N. Singh
8	Associate Dean (Students Welfare)	Dr. R.N. Mahanty
9	Registrar (In-Charge) & P/I (Legal)	Prof. Shailendra Kumar
10	Chief Warden Upper Hostel	Prof. S. Jha
11	Chief Warden Lower Hostel	Prof. M.K. Paswan
12	Co-ordinator , T & P	Prof. S.P. Sharma
13	Librarian	Dr. N. Bharti
14	PIC, Computer Centre	Dr. Tarni Mandal
15	D.R. (Accounts)	Dr. N. Bharti
16	Assistant Registrar	Mr. R.P. Prasad
17	Store and Purchase Officer	Mr. Sunil Kumar Bhagat
18	Workshop Superintendent	Mr. Rupak Kumar
19	Assistant Librarian	Mr. N.K. Sethy & Mr. Umesh Kumar
20	Medical Officer (On Contract)	Dr. Ajit Singh
21	Assistant Engineer	Mr. Deepak Kumar
22	Proctor I/C	Prof. D.K. Yadav
23	Assistant Proctor (Acting)	Prof. B.N.S. Munda

**DETAILS OF SEAT AVAILABLE AND ADMITTED STUDENTS
AT NIT JAMSHEDPUR
FOR THE ACADEMIC SESSION 2011-2012**

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

State	Branch	ALL INDIA QUOTA						STATE QUOTA			Total No. of Student admitted	Total No. of Seat Vacant
		OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	TOTAL		
Civil Engineering	23	01	06	00	03	00	13	00	46			
Computer Science & Engineering	22	01	08	00	04	00	10	00	45			
Electrical & Electronics Engineering	24	00	07	00	03	00	12	01	47			
Electronics & Communication Engineering	24	00	05	00	04	00	14	00	47			
Mechanical Engineering	24	00	06	01	02	00	11	01	45			
Metallurgical & Materials Engineering	22	01	08	00	03	00	13	00	47			
Production & Industrial Engineering	11	01	05	00	01	00	05	00	23			
Total	150	04	45	01	20	00	78	02	300			
Civil Engineering	22	01	06	00	04	00	12	01	46			
Computer Science & Engineering	22	01	07	00	04	00	13	00	47			
Electrical & Electronics Engineering	23	00	06	00	03	01	13	00	46			
Electronics & Communication Engineering	23	00	05	01	03	01	13	00	46			
Mechanical Engineering	22	01	09	00	03	01	12	00	48			
Metallurgical & Materials Engineering	22	01	06	00	04	00	12	00	45			
Production & Industrial Engineering	11	00	03	01	02	00	05	01	23			
Total	145	04	42	02	23	03	80	02	301			
Grand Total (AIQ + SQ)	295	08	87	03	43	03	158	04	601			

AIQ : All India Quota, SQ :- State Quota
Note : a) 02 students from Bhutan were admitted in Electrical & Electronics Engineering under Self Financing Foreign Students Scheme.
b) 01 students from Bangladesh has admitted in Mechanical Engineering under DASA.
c) 01 student in Mechanical Engineering was admitted under DASA.

B). M. TECH/MCA STUDENTS ADMITTED IN THE SESSION 2011-2012

COURSE	SANCTIONED INTAKE	STUDENT ADMITTED
A) MCA 3 years 6 th Semester Course	92	88
B) M. Tech. 2 years 4 th Semester Course		
i) Structural Engineering (Chemistry Deptt.)	16	NIL
ii) Power System Engineering (Electrical Engineering)	16	13
iii) A. CIDM (Mechanical Engineering)	16	06
B. Thermal & Fluids Engg (Mechanical Engineering)	16	12
iv) A. Foundry Technology (Metallurgical & Mat Engg)	16	NIL
B. Extractive Metallurgy (Metallurgical & Mat Engg)	16	NIL
v) VLSI (ECE)	16	14
vi) Industrial & Mgt Engineering (Prod & Ind. Engineering)	16	05

B). RESULT OF B. TECH. (H) 8TH SEMESTER 2012 EXAMINATION

SL.	BRANCH	STUDENTS APPEARED	STUDENTS PASSED	STUDENTS FAILED
01.	Civil Engineering	66	66	NIL
02.	Computer Sc. & Engineering	69	69	NIL
03.	Electrical & Electronics Engineering	80	80	NIL
04.	Electronics & Communication Engineering	79	79	NIL
05.	Mechanical Engineering	83	83	NIL
06.	Metallurgical & Material Engineering	55	55	NIL
07.	Production & Industrial Engineering	24	22	02

Dean (Academic)
NIT, Jamshedpur

Annual Report-2011-12

TRAINING AND PLACEMENT CELL

- | | | | |
|----|----------------------------|---|--|
| 1. | Name of the Department | : | Training & Placement Cell |
| 2. | Year of starting | : | 1973 -74 |
| 3. | Faculty | : | Dr. S.P. Sharma, (Professor, Mech. Engg.) Coordinator
: Dr. R.N. Mohanty, (Professor, Electrical Engg.) Co-coordinator
: Dr. Rajiv Bhushan, (Associate Prof., Humanities) Co-coordinator
: Dr. Prahлад Prasad, (Associate Prof. Civil Engg.) Co-coordinator |
| 4. | Number of Supporting Staff | : | (Category Wise) |
| | (i) Sri Arjun Kumar Singh | : | Assistant SG-II |
| | (ii) Sri Raghu Nath Mukhi | : | Lab Attendant |

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

Summer Training:

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

Campus Recruitment:-

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

82 companies visited the campus which started in the month of July 2011 and continued throughout for the academic session 2011 - 12.

Brief Summary of the Campus Recruitment for session 2011-12

The Total No. of students for recruitment for the session were — 507

The Total No. of Students placed — 453

Total Job Offers — 541

The Total No. of Double Placement — 84

The Total No. of Triple Plaement — 02

The Total No. of Students left unplaced were — 54

**(Dr. S.P. Sharma)
Coordinator**

NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR
PLACEMENT STATISTICS (2012 PASSOUT BATCH)

Annual Report 2011-12

N.I.T., JAMSHEDPUR

Sl.No.	WRITTEN	GDP/I	COMPANY	CE	CSE	EE	ECE	ME	MME	PIE	MCA	MTECH	SLOT	CTC	FINAL
1	19.07.2011	19.07.2011	TELCO	-	-	-	-	1	-	0	-	-	A	6.18	1
2	20.07.2011	21.07.2011	IOCL	1	-	1	-	3	-	-	-	-	A	8.80	5
3	22.07.2011	02.08.2011	TRF	-	-	1	-	2	-	1	-	0	B	4.20	4
4	25.07.2011	26.07.2011	SAMSUNG ISC	-	3	-	2	-	-	-	-	-	A	5.27	5
5	26.07.2011	26.07.2011	TATA MOTORS	-	-	3	0	10	-	1	-	-	A	5.99	14
6	29.07.2011	29.07.2011	SAMSUNG LABS	-	8	-	-	-	-	-	1	1	A	6.25	9
7	03.08.2011	03.08.2011	SAMSUNG ISO	-	4	-	11	-	-	-	-	-	A	5.50	15
8	08.08.2011	16.08.2011	TATA TECHNOLOGIES	-	1	-	-	2	-	2	-	-	B	3.75	5
9	09.08.2011	12.08.2011	BELZABAR	-	0	-	0	-	-	-	-	-	A	5.70	0
10	10.08.2011	10.08.2011	ALLGO SYSTEMS	-	2	-	3	-	-	-	-	-	A	4.65	5
11	10.08.2011	11.08.2011	TCE	1	-	0	-	1	-	-	-	2	B	3.50	4
12	10.08.2011	15.10.2011	MARUTI SUZUKI	-	-	9	-	7	-	-	-	-	AB	4.99	16
13	12.08.2011	12.08.2011	AIRVANA	-	0	0	4	-	-	-	-	0	A	4.75	4
14	13.11.2010	20.08.2011	TATA STEEL PPO	0	-	1	-	2	0	0	-	-	A	8.00	3
15	22.08.2011	23.08.2011	DELOITTE	-	2	6	9	-	-	-	3	-	A/AB	4.65	20
16	25.08.2011	25.08.2011	KONY LABS	-	8	1	6	-	-	-	-	-	A/AB	5.00	15
17	27.08.2011	11.11.2011	TATA STEEL	-	-	0	1	3	0	-	-	-	A	8.00	4
18	03.09.2011	03.09.2011	ASHOKLEYLAND	-	-	-	4	-	0	-	-	-	B	3.67	4
19	07.09.2011	11.10.2011	TATA STEEL ITS	-	3	-	-	-	-	-	-	-	A	8.00	3
20	08.09.2011	08.09.2011	MU SIGMA	2	1	2	0	1	0	-	-	-	B	3.30	8
21	12.09.2011	12.09.2011	CUMMINS INDIA LTD	-	-	-	2	-	2	-	-	-	B	4.15	4
22	14.09.2011	15.09.2011	ARICENT	-	3	0	8	-	-	-	6	-	B	3.50	17
23	15.09.2011	15.09.2011	RPSG-CSE	0	-	1	-	4	-	-	-	-	B	4.50	5
24	23.09.2011	24.09.2011	COMVIVA	-	2	-	7	-	-	-	2	-	B	3.86	11
25	08.10.2011	08.10.2011	INDIAN NAVY	0	0	0	0	0	0	0	0	0	O	12.00	0

SL.No.	WRITTEN	GDIPI	COMPANY	CE	CSE	EE	ECE	ME	MME	PIE	MCA	MTECH	SLOT	CTC	FINAL	
26	08.10.2011	20.08.2011	L & T ECC	6	-	0	-	0	-	-	-	-	0	2.98	6	
27	10.10.2011	10.10.2011	INFOSYS	15	26	8	15	1	0	2	10	1	0	3.25	78	
28	18.10.2011	18.10.2011	MAHINDRA & MAHINDRA	-	-	-	-	1	-	-	-	-	B	4.50	1	
29	19.10.2011	16.11.2011	L & T LIMITED	3	-	1	-	4	-	-	-	-	B	3.75	8	
30	20.10.2011	20.10.2011	UNISYS	-	4	0	6	-	-	-	-	-	B	4.00	10	
31	28.10.2011	29.10.2011	JINDAL STAINLESS LIMITED	-	-	2	1	5	2	1	-	-	AB	5.02	11	
32	30.10.2011	30.10.2011	MICROSOFT	-	1	-	-	-	-	-	-	-	0	16.00	1	
33	31.10.2011	31.10.2011	TATA TINPLATE	-	-	-	-	1	2	-	-	-	B	3.98	3	
34	03.11.2011	03.11.2011	AMDOCS	-	1	-	-	-	-	-	-	-	-	B	4.20	1
35	04.11.2011	04.11.2011	ATOS ORIGIN	-	1	1	2	-	-	-	9	-	B	3.40	13	
36	04.11.2011	04.11.2011	HINDALCO	2	-	1	-	2	2	-	-	-	B	3.25	7	
37	09.11.2011	09.11.2011	ACC CEMENTS	-	-	1	-	3	-	1	-	-	B	4.01	5	
38	14.11.2011	14.11.2011	NAGRA	-	1	0	2	-	-	-	-	-	B	3.50	3	
39	15.11.2011	16.11.2011	SONY	0	1	0	1	0	2	0	-	-	OB	4.20	4	
40	17.11.2011	17.11.2011	ERICSSON	-	1	-	6	-	-	-	10	-	B	3.36	17	
41	29.11.2011	29.11.2011	ADANI GROUP	-	-	6	-	3	-	-	-	-	B	3.90	9	
42	30.11.2011	30.11.2011	WIPRO	3	1	1	2	0	1	1	3	-	0	3.25	12	
43	01.12.2011	01.12.2011	GAMMON	15	-	-	-	-	-	-	-	-	B	3.25	15	
44	02.12.2011	02.12.2011	TACO	1	-	1	-	0	-	3	-	-	B	3.60	5	
45	02.12.2011	02.12.2011	SIMPLEX INFRA	5	-	-	-	-	-	-	-	-	B	3.25	5	
46	08.12.2011	08.12.2011	JINDAL SOUTH WEST	-	-	3	-	4	14	-	-	-	B	3.69	21	
47	09.12.2011	21.01.2012	SAMSUNG HEAVY	-	-	0	-	0	-	-	-	-	B	4.50	0	
48	09.12.2011	10.12.2011	IBM	2	1	1	0	1	2	0	5	1	B	3.40	13	
49	15.12.2011	15.12.2011	ITW SIGNODE	-	-	2	-	1	-	2	-	-	AB	4.75	5	
50	15.12.2011	16.12.2011	TATA POWER	1	-	1	-	2	-	-	-	-	B	4.25	4	
51	19.12.2011	19.12.2011	DRISHTI SOFT	-	-	-	-	-	-	-	1	-	A	6.00	1	
52	26.12.2011	26.12.2011	PARADEEP PHOSPHATE	0	-	0	-	0	-	-	-	-	B	4.00	0	

SI.No.	WRITTEN	GD/PI	COMPANY	CE	CSE	EE	ECE	ME	MME	PIE	MCA	MTECH	SLOT	CTC	FINAL
53	06.01.2012	06.01.2012	VIRTUSA	-	4	1	5	-	-	-	-	-	A	5.00	10
54	07.01.2012	07.01.2012	RANCORE	-	3	-	1	-	-	-	-	-	A	4.80	4
55	09.01.2012	10.01.2012	JINDAL STEEL AND POWER LIMITED	1	-	1	-	1	1	2	-	-	B	4.40	6
56	11.01.2012	12.01.2012	DVC	-	-	5	1	6	-	-	-	-	A	6.24	12
57	11.01.2012	03.02.2012	TVS	-	-	-	0	-	0	-	-	-	B	4.00	0
58	12.01.2012	12.01.2012	JAMSHEDPUR CAPCPL	-	-	0	-	1	0	-	-	-	A	5.50	1
59	12.01.2012	13.01.2012	COAL INDIA LIMITED	2	-	7	-	6	-	-	-	-	A	6.97	15
60	13.01.2012	14.01.2012	ESSAR GROUP	0	-	0	-	0	-	-	-	-	B	4.20	0
61	14.01.2012	14.01.2012	AMAZON	-	0	-	-	-	-	-	0	-	A	11.50	0
62	17.01.2012	17.01.2012	TAYO ROLLS LTD	-	-	-	0	-	0	-	-	-	B	4.20	0
63	17.01.2012	08.02.2012	SIEMENS	-	-	1	0	0	-	-	-	-	B	4.25	1
64	23.01.2012	23.01.2012	USHA MARTIN	-	-	-	-	-	5	-	-	-	B	3.60	5
65	31.01.2012	31.01.2012	ELECTRO STEEL	-	-	-	-	0	4	-	-	-	B	2.40	4
66	31.01.2012	31.01.2012	MATIX FERTILIZERS	-	-	-	-	2	-	-	-	-	B	4.20	2
67	01.02.2012	01.02.2012	AFCONS	5	-	-	-	-	-	-	-	-	B	3.86	5
68	13.02.2012	13.02.2012	ITD CEMENTATION	3	-	-	-	-	-	-	-	-	B	3.30	3
69	14.02.2012	21.03.2012	METALSA	-	-	-	0	-	0	-	-	A	5.50	0	
70	17.02.2012	17.02.2012	TATA PROJECTS	1	-	0	-	0	-	0	-	-	O	2.50	1
71	18.02.2012	18.02.2012	NECO JAISWAL	1	-	-	-	3	-	-	-	-	A	1.98	4
72	03.03.2012	03.03.2012	THYSSEN KRUPP STEEL	-	-	0	-	2	0	0	-	-	B	4.50	2
73	13.03.2012	13.03.2012	IDBI BANK	4	-	2	-	-	-	-	-	-	A	5.60	6
74	14.03.2012	14.03.2012	KK BUILDERS	2	-	-	-	-	-	-	-	-	O	2.16	2
75	17.03.2012	17.03.2012	ASHIANA BUILDERS	0	-	-	-	-	-	-	-	-	O	2.50	0
76	26.03.2012	27.03.2012	SUZUKI POWERTRIAN INDIA LTD	-	-	-	0	-	3	-	-	-	AB	4.90	3
77	30.03.2012	30.03.2012	ISMT	-	-	1	-	0	0	-	-	-	B	3.50	1
78	10.04.2012	11.04.2012	WELSPUN	-	-	-	-	1	-	-	-	-	B	3.50	1
79	10.04.2012	10.04.2012	WIPRO BPO	-	0	1	0	-	-	-	-	-	B	3.50	1

SI.NO.	WRITTEN	GDPI	COMPANY	CE	CSE	EE	ECE	ME	MME	PIE	MCA	MTECH	SLOT	CTC	FINAL
80	16.04.2012	16.04.2012	RASHTRIYA ISPAT NIGAM LIMITED	-	-	2	-	2	3	-	-	-	B	7.50	7
81	27.04.2012	27.04.2012	Adhunik Group	-	-	1	-	1	1	-	-	-	B	3.50	4
82	05.05.2012	05.05.2012	SPML	2	-	-	-	-	-	-	-	-	B	3.30	2
			TOTAL PLACEMENT OFFERS	78	82	76	95	90	44	22	50	4	541		541
			DOUBLE PLACEMENTS	17	18	10	16	17	1	4	1	0	84		84
			TRIPLE PLACEMENTS	2	0	0	0	0	0	0	0	0	2		2
			CANDIDATES PLACED	57	64	66	79	73	43	18	49	4	453		453
			REMAINING CANDIDATES	8	5	13	2	6	12	2	6	0	54		54
			ELIGIBLE CANDIDATES	65	69	79	81	79	55	20	55	4	507		507

-	NOT ELIGIBLE
A	STAR SLOT
AB	TRANSITION SLOT
B	DREAM SLOT
O	EVERYONE ALLOWED

PROFILE OF THE DEPARTMENTS

DEPARTMENT OF CIVIL ENGINEERING

1. Head of the Department : **Dr. Ashok Kumar Khan**

2. Faculty and specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Madan Mohan Prasad	Professor	Ph.D. (IIT Roorkee)	Structural Engineering
2.	Dr. Ashok Kumar Khan	Professor	Ph.D. (IIT Kharagpur)	Soil Mechanics and Foundation Engineering
3.	Dr. Arvind Kr. Lal Srivastava	Professor	Ph.D.(IIT Kharagpur)	Structural Engineering (Static & Dynamic Stability of Plates/Shell)
4.	Dr. Anil Kumar Choudhary	Associate Professor	Ph.D. (Ranchi University)	Soil Mechanics and Foundation Engineering
5.	Shri Nigam Prakash	Associate Professor	M.Sc. Engg. (Jadavpur University)	Hydrology & Water Resource
6.	Dr. Braj Kishor Prasad	Associate Professor	Ph.D.(RGPV, Bhopal)	Structural Engineering
7.	Dr. Sanjay Kumar	Associate Professor	Ph.D. (Ranchi University)	Structural Engineering
8.	Shri Virendra Kumar	Associate Professor	M.E. (Sambalpur University) Pursuing Ph.D. under QIP	Structural Engineering
9.	Dr. Abdhesh Kumar Sinha	Associate Professor	Ph.D.(IIT Roorkee)	Transportation Engineering
10.	Shri Sajjan Kuamr Paswan	Associate Professor	M.Sc.Engg. (Ranchi University) & Pursuing Ph.D..	Soil Mechanics and Foundation Engineering
11.	Shri Rakesh Pratap Singh	Associate Professor	Pursuing Ph.D. under QIP	Geotechnical Engineering
12.	Shri Prahlad Prasad	Associate Professor	Ph. D. (Submitted) IIT Roorkee	Earthquake Engineering
13.	Shri Shashi Ranjan Pandey	Associate Professor	M.Sc.Engg. (Ranchi University) & Pursuing Ph.D.	Structural Engineering
14.	Dr. Akhileshwar Kumar Singh	Assistant Professor	Ph.D. (IIT Roorkee)	Geotechnical Engineering
15.	Dr. CH Madhusudan Rao	Assistant Professor	Ph.D. (IIT Roorkee)	Water Resource Engineering
16.	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:** 116 projects were done during 2011-2012.

7. Research Papers published in Journals/Conferences:

International Journal:

1. A.K.Khan, "Use of Recycled Building Materials-An Environment Friendly Approach"- at 5th International Congress of Environmental Research (ICER-12), UTM, Terengganu Malaysia during 22-24, November, 2012.
2. A. K. L. Srivastava, S.R.Pandey, "Effect of In-plane forces on frequency parameters", *International Journal of Scientific and Research Publication*, Vol 2 (6), pp 1-18, 2012.
3. A. K. L. Srivastava, Ashok Kumar, S.R.Pandey "Computer technique to solve structure problems", *Journal of Science and Engineering and Technology*, Vol 1, No 3, pp 280-285, 2012.
4. A. K. L. Srivastava, "Vibration of Stiffened Plates with Cutout Subjected to Partial Edge Loading", *Journal of Institution of Engineers (India) Series A*, ISSN 2250-2149, DOI: 10.1007/s40030-012-0018-3, Vol.1, issue 18, 2012.
5. A. K. L. Srivastava, "Effect of loading on plate Analysis", *Journal of Science and Technology, Experimental Journal*, Vol 1, No.1, pp 43-47, 2012.
6. A. K. L. Srivastava,"Effect of in-plane displacement on Excitation frequency by Finite Element Method", *International Journal of advanced and Innovative*, Vol 1, Issue 6, pp 5-9, 2012.
7. A. K. L. Srivastava,"Parametric Simple resonance Analysis of moderately thick plates", *International Journal of Science and Technology, Experimental Journal*, Vol 3 (3), pp 187-192, 2012.
8. A. K. L. Srivastava,"Shear Strength Criteria and Stability by Finite Element Method", *International Journal of advanced and innovative Research*, Vol 1, Issue 6, pp 1-4, 2012
9. A. K. L. Srivastava, "Excitation Resonance study of Laminated Composite plates", *International Journal of Advances in Engineering, Science and Technology*.Vol 2, No 3, pp 267-271, 2012
10. 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.

11. A. K. L. Srivastava, Pravin Kumar. "Study of Frequency Parameter of Stiffened plates" SEM 2011 Annual Conference & exposition on experimental and Applied Mechanics, at Uncasville, Connecticut, U.S.A during June 13-16, 2011 (Accepted Paper No 19 Session No. & titles: 085 Modelling and Experimental Validation of Residual Stress).
12. A. K. L. Srivastava, S.R. Pandey, Ashok Kumar "Parametric excitation frequency study of stiffened plates" Fourth International congress on Computational Mechanics and simulation (ICCMS 2012) during December 9-12,2012 at Indian Institute of Technology Hyderabad, India (accepted paper for presentation, ID No 21).
13. Prasad Prahlad, Ashok Kumar, A. K. L. Srivastava "India needs to adopt Performance Based Seismic Design" "Skopje Earthquake -50 Years of European Earthquake Engineering" (SE-50EEE) to be held in Skopje, Macedonia (Accepted).
14. Prasad Prahlad, Ashok Kumar, A. K. L. Srivastava "Strength and weakness of Steel Frame Buildings required for Performance Based Seismic design" "Skopje Earthquake-50 Years of European Earthquake Engineering" (SE-50EEE) to be held in Skopje, Macedonia (Accepted).

8. Workshop/seminar/short term courses attended: NIL

9. Laurels & Distinctions : NIL

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1. Head of the Department : **Dr. Radha Krishna Prasad, Professor, Mechanical Engg. Dept.**

2. Faculty and specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Mr. Rajiv Ranjan Suman	Associate Professor	M. Tech. Ph.D. (Pursuing), IIT Kharagpur	Software Engineering, Algorithms
2.	Mr. Binod Kumar Singh (On Study Leave)	Associate Professor	M.Tech. , Ph.D. (Pursuing), IIT , Roorkee	Software Engg., Operating Systems, DBMS, Computer Architecture, Image Processing
3.	Mr. Sanjay Kumar	Associate Professor	B.E., Ph.D. (Pursuing) Ranchi University	Computer Networks, Artificial Intelligence, Parallel Processing, Mobile Computing
4.	Mr. Dilip Kumar	Assistant Professor	B.E.	Computer Graphics, Operating Systems, Internet Technology, Network Security

Faculty on contract

1.	Mr. Bhaskar Mondal	Assistant Professor	M.Tech.	Data Mining & Data Warehousing, Compiler Design, Security, NLP
2.	Mr. Sunil Kumar Singh	Assistant Professor	M.Tech.	Computer Organization & Architecture, Operating System, Networking, Compiler Design
3.	Mr. Rajesh Duvvuru	Assistant Professor	M.Tech.	Computer Networks, Design and Aof Algorithms, Network Security
4.	Mrs. Suprita Das	Lecturer	B. Tech.	Software Engineering, Network Security, Operating System, Computer Network
5.	Mr. Saurabh Singh Thakur	Lecturer	B. Tech., M.Tech. (Pursuing)	Data Structures, DBMS, Computer Networks

3. Laboratories and Professor in charge of Laboratories:

- | | | |
|----|------------------|------------------|
| a. | Software Lab. I | Mr. Sanjay Kumar |
| b. | Software Lab. II | Mr. Sanjay Kumar |
| c. | Hardware Lab. | Mr. R. R. Suman |

4. **New Acquisitions :** NIL

5. **Research Facilities & Areas of Research :** Some Computers with latest software are available.

The following are the field of Research.

- i. Software Engg.
- ii. Computer Networks
- iii. Information Security
- iv. Image Processing
- v. Mobile Computing

6. **Testing & Consultancy:** NIL

7. **Research Papers published in Journals/Conferences International Conference**

International Conference

- Jyoti Prakash Singh, Prabhat Kumar and Sunil Kumar Singh. Delay Prediction in Mobile Ad-hoc network using Trapezoidal fuzzy numbers. In 9th International Joint Conference on Computer Science and Software Engineering (JCSSE 12), pages, Bangkok, Thailand, May 2012. IEEE. DOI: 10.1109/JCSSE.2012.6261926
- Bhaskar Mondal, D. Sinha, N. K. Gupta, N. Kumar, P. Goyal - An Optimal (n, n) secret image sharing scheme. International Conference on Advances in Electronics, Electrical and Computer Science Engg. - EEC 2012, Dehradun, India;
- Arup Kumar Pal and Saurabh Singh Thakur. A Steganography Scheme for Secure Image Communication. International Conference on Signal, Image and Vedio Processing (ICSIVP) 2012, IIT Patna During 13-15 January 2012

National Conference

- Sunil Kumar Singh, Rajesh Duvvru Ashok Kote. Proportional Study of Routing Protocols in different Mobility models in Wireless Ad-hoc Network. A National Conference on Recent advancements in Engineering & Management(NCRAEM-2012) on 10th April 2012.
- Rajesh Duvvuru, Bangaru BalaKrishna, Ashok Kote and Suprita Das. "Improving Security in Private Cloud through Cryptographic and Biometrics" In Proc. of NCCS 2012, DIAT, Pune, June, 2012
- Narasimha Rao, Duvvuru Rajesh, V.Chandakala, B.Balakrishna . "A navie Clustering Algorithm for Text Classification Based on feature vectors." In Proc. of NCRTC 2012, Vignan University, Guntur, July, 2012

Journal

- G. Narasimha Rao, R. Ramesh, D. Rajesh, D. Chandra sekhar. "An Automated Advanced Clustering Algorithm For Text Classification." In International Journal of Computer Science and Technology, vol 3,issue 2-4, June, 2012
- Bhaskar Mondal et. Al. - An optimal (n,n) secret image sharing scheme. International Journal of Computer Science and its Applications – IJCSIA December' 12 issue (Volume 2 Issue3) ISSN No. ISSN 2250-3765

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

9. **Laurels & Distinctions :** NIL

DEPARTMENT OF COMPUTER APPLICATIONS

1. Name of the Head : **Mr. Ashok Kumar Mehta**
 2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Mr. Ashok Kumar Mehta	Associate Professor	M. Tech. Ph.D.(Pursuing)	Computer Organization & Architecture, Soft Computing
2.	Dr. Dilip Kumar Yadav	Associate Professor	M.Tech. Ph.D.(IIT,KGP)	Software Reliability, Fuzzy Logic, Soft Computing
3.	Mr. Dilip . Kumar Shaw	Associate Professor	MCA, Ph.D.(Thesis Submitted)	Network optimization, Data Structures & Program Design, Supply Chain Management
4.	Dr. Danish Ali Khan	Associate Professor	M.Sc.(Maths), MCA Ph.D. (NIT, Jsr.)	Optimization Technique, Software Testing, Supply Chain Management

Contract Faculty

1.	Dr. Sudhanshu Kumar Jha	Assistant Professor	MCA, Ph.D. (ISM, Dhanbad)	Parallel and Distributed Processing, Parallel Algorithm Design, Communication Algorithm, Fault Tolerance, Sensor Network
2.	Ms. Sraboni Mandal	Assistant Professor	M.Sc.(Stat.) MCA Ph.D.(Pursuing)	Optimization Technique, Supply Chain Management, System Analysis and Design, Programming Methodology (C,C++), Data Structure, Financial management
3.	Mr. Dindayal Mahto	Lecturer	MCA M. Tech. Ph.D.(Pursuing)	Information Security, Database Security, C#, Cryptography, System Simulation and Modelling
4.	Mr. Chandan Kumar	Lecturer	MCA Ph.D.(Pursuing)	Object Oriented Technologies, System Analysis and Design, OOAD & UML
5.	Mr. Arun Kumar Marandi	Lecturer	MCA Ph.D.(Pursuing)	Computer Graphics and Multimedia, Database Management System, Software Engineering
6.	Ms. Sushmita Mahato	Lecturer	MCA Ph.D.(Pursuing)	Programming Methodology(C,C++,JAVA) Internet and Web Technology, System Analysis and Design, Data Structure, Information Security

3. **Laboratories** : MCA Lab.
4. **New Acquisitions** : NIL
5. **Research Facilities** : Software Engineering, Parallel Computing, Sensor Network Supply Chain Management, Operation Research, Operation Management, Financial Management, Applications of Softcomputing
6. **Consultancy &Testing** : NIL
7. **Research papers published in journal/conferences:**

Research papers published in journal:

1. Shaw, D.K., Mishra, A. and Khan, D.A. (2012) , "An Integrated Inventory Model for One Vendor Multi Customer Scenario with Multiple Shipment in a Supply Chain", International Journal of Management Science and Engineering Management (ISSN: 1750-9653), Vol. 7, No. 2, pp. 140-146.
2. Shaw, D.K. and Khan, D.A. (2012), "A Multi-criterion Heuristic Optimization for Demand Allocation and Transportation Problems using GA and AHP\", International Journal of Industrial Engineering and Technology (ISSN: 0974-3146), Vol. 4, No. 1, pp. 11-27.
3. Shaw, D.K. and Khan, D.A. (2012), "Optimal inventory policies of facilities in a supply chain system under fuzzy stochastic environment", Int. J. Business Performance and Supply Chain Modelling, Vol. 4, No. 2, pp. 111-125.
4. Ms. Sraboni Mandal, Dr. D.A. Khan (2012), "A JELS Probabilistic Inventory Model for One Vendor Multi Customers situation with Random demands having Weibull Distribution", *International Journal of Scientific & Engineering Research (IJSER)* Vol. 3, Issue 8, ISSN 2229-5518.
5. Ms. Sraboni Mandal, Dr. D.A. Khan "JELS Probabilistic Inventory Model One Vendor One Customer situation with Random demands having Weibull Distribution", *Advancement Modelling and Simulation Enterprises(AMSE)*, France.(Accepted, 2012).

Research paper published in conferences:

1. Sudhanshu Kumar Jha, Prasanta K. Jana, "Shortest Path Routing on Multi Mesh of Trees", *In Proc. of International Conference on Parallel and Distributed Computing (ICPDC-2011)*, World Congress of Engineering, Imperial College, London, U.K., 6 – 8 July, 2011.

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

Prof. A.K. Mehta	1. Short Term Training Program on Modelling and Simulation of Renewable Energy Systems during June 18 th to 22 nd June , 2012.In NIT Jamshedpur
Dr. D.A. Khan	1. Short Term Training Program on Modelling and Simulation of Renewable Energy Systems during June 18 th to 22 nd June , 2012.In NIT Jamshedpur
Dr. D.K. Yadav	1. Short Term Training Program on Modelling and Simulation of Renewable Energy Systems during June 18 th to 22 nd June , 2012.In NIT Jamshedpur
Dr. S. K. Jha	1. One day workshop on "Indo-Australia Workshop on optimization Technique for Human Language Technology" Organised by Dept. of Computer Science and Engineering, IIT Patna, December 16,2012. 2. Faculty Development Program "Network Programming and Security Engineering", held at C-DAC Hyderabad, sponsored by Dept. of Science and Technology, Govt. of India, 11 th – 22 nd June, 2012. 3. Short term course "Network and Socket Programming", organised by Department of Computer Science and Engineering, IIT Kharagpur, 30 th May – 5 th June, 2012
Ms. S. Mandal	1. One day workshop on "Indo-Australia Workshop on optimization Technique for Human Language Technology" Organised by Dept. of Computer Science and Engineering, IIT Patna, December 16, 2012. 2. Short Term Training Program on "Modelling and Simulation of Renewable Energy Systems" during June 18 th to 22 nd June , 2012, NIT Jamshedpur. 3. Short term course "Network and Socket Programming", organised by Department of Computer Science and Engineering, IIT Kharagpur, 30 th May – 5 th June, 2012
Mr. D. Mahto	1. One day workshop on "Indo-Australia Workshop on optimization Technique for Human Language Technology" Organised by Dept. Of Computer Science and Engineering, IIT Patna, December 16, 2012. 2. Five Days Refresher Course on Database Security, March 5-9 , 2012, Under Information Security Education Awareness Programme, Ministry of Communication and Information Technology, Govt of India, organized by Department of Computer Science and Engineering, National Institute of Technology, Warangal, A.P.
Mr. C. Kumar	1. Indo-Australia Workshop on Optimization Technique for HumanLanguage Technology on December 16,2012.In IIT Patna. 2. Five Days National WorkShop on DST Sponsred SERC School on Advanced Software Engg. Techniques their applications 4-8 th June 2012, Dept. of Computer Science and Engineering, National Institute of Technology, Rourkela- 769008.

	<p>3. Three Days National Workshop on Recent Trends in Object-Oriented Software Testing (R-TOOST 2012) 09th - 11th june 2012, organized by Department of Computer Science and Engineering, National Institute of Technology, Rourkela- 769008.</p>
Mr.A.K. Marandi	<p>1. Five Days National WorkShop on DST Sponsored SERC School on Advanced Software Engg. Techniques their applications 4-8th June 2012, Dept. of Computer Science and Engineering, National Institute of Technology, Rourkela- 769008.</p> <p>2. Three Days National Workshop on Recent Trends in Object-Oriented Software Testing (R-TOOST 2012) 09th - 11th june 2012, organized by Department of Computer Science and Engineering, National Institute of Technology, Rourkela- 769008.</p>
Ms. S. Mahato	<p>1. Short Term Course on Ethical Hacking and Network Security during June 18th to 30th, 2012, NIT Rourkela.</p> <p>2. Short Term Course on Digital Image Processing during December 10th to 16th 2012, NIT Rourkela.</p>

9. **Laurels & Distinctions : NIL**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Name of the Head : **Dr. Niranjan Kumar**
 2. Faculty and specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Subodh Behari Lal Seksenia	Professor	Ph.D., University of Roorkee	Instrumentation & Measurement
2.	Dr. Arun Kumar Singh	Professor	Ph.D., IIT Kharagpur	Control System
3.	Dr. Amar Nath Thakur	Professor	Ph.D., IIT Kharagpur	Power Electronics & Drives
4.	Dr. Ravindra Nath Mahanty	Professor	Ph.D., IIT Kharagpur	Power System Protection
5.	Mr. Sushil Kumar Gupta	Associate Professor	M.Tech., RIT Jamshedpur	Power System
6.	Dr. Niranjan Kumar	Associate Professor	Ph.D., IIT Roorkee	Power System
7.	Dr. Ashok Kumar Akella	Associate Professor	Ph.D., IIT Roorkee	Renewable Energy & Control System
8.	Dr. Umesh Kumar Sinha	Associate Professor	Ph.D., NIT Jamshedpur	Renewable Energy
9.	Dr. Krishna Behari Yadav	Assistant Professor	Ph.D., IIT Roorkee	Electrical Machine & Power System
10.	Ms. Kumari Namrata	Assistant Professor	M.Tech. Ranchi University	Power System
11.	Ms. Madhu Singh	Assistant Professor	M.Sc. Engg. Ranchi University	Power Electronics
12.	Mr. Alok Priyadarshi	Assistant Professor	B.Sc. Engg. Bihar University

On Contract

1.	Mr. Amit Kumar	Assistant Professor	M.Tech. NIT Jamshedpur	Power System
2.	Ms. Rekha	Assistant Professor	M.Tech. NIT Jamshedpur	Power System

3. Laboratories:

- (i) Electrical Machine Lab
- (ii) Instrumentation and Measurement Lab
- (iii) Power System Lab
- (iv) Control System Lab
- (v) Power Electronics Lab. (UG)
- (vi) Power Electronics Lab. (PG)

- (vii) Microprocessor and Microcontroller Lab
- (viii) Signal and Networks Lab
- (ix) Computer simulation Lab

4. New Acquisitions :

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

5. Research Facilities :**(i) On Going Activities**

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

(ii) Thrust Areas

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

6. Consultancy and Testing

Testing of electrical machines, Calibration of high voltage machines, transformers', oil, and 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., "Modeling, Simulation and Comparison of thermal behavior of salt gradient solar pond with flat and corrugated bottom surface." **International Journal of Engineering Innovations, accepted for Publication.**
- (ii) **Gupta, S. k.**, Akella, A. K., "Sizing and Cost Analysis Forintegrated Renewable Energy Systems INA Study area." **Academy Publish, Journal of Engineering and Technology, Volume 2, Issue 1, pp. 32 – 41.**

8. Workshop/ Seminar/ Short Term Courses attended : NIL**9. Laurels & Distinctions : NIL**

DEPARTMENT OF MATHEMATICS

1. Head of the Department : **Dr. Yamuna Prasad Yadav, Professor , Physics Department**

2. Faculty and specialization:

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Sripati Jha	Associate Professor	Ph.D., Ranchi University	Approximation Theory
2.	Dr. Tarni Mandal	Associate Professor	Ph.D., Ranchi University	Operations Research/Statistics
3.	Dr. Ramayan Singh	Associate Professor	Ph.D., Veer Kunwar Singh University	Special Function
4.	Dr. Hari Shankar Prasad	Assistant Professor	Ph.D., NIT Warangal	Numerical Analysis , Singular Perturbations
5.	Dr. Sunil Kumar	Assistant Professor	Ph.D., Banaras Hindu University	Mathematical Modelling, Fractional Calculus, Integral Equation Analytical & Numerical Techniques
On Contract				
1.	Dr. Nilesh Thakur	Assistant Professor	Ph.D., (ISM Dhanbad)	Mathematical Modelling, Mathematical Ecology, Nonlinear Dynamics.
2.	Mr. Soumak. Biswas	Assistant Professor	M. Phill	Fuzzy Logic and its Applications

3. Laboratories : All Lab/ Sessional classes are held in Computer Centre of the Institute.

4. New Acquisitions : NIL

5. Research Facilities : Central Library, Institute Computer centre, Mathematica 5.2 Software.

6. Consultancy & Testing : NIL

7. Research Papers published in Journal/Conferences:

1. Soumak Biswas, Sripati Jha, Ramayan Singh," A Fuzzy Preference Relation Based Method for Face Recognition by Gabor Filters, International Journal of Information Technology a and Computer Science (IJITCS), Vol. 4, No. 6, June, 2012 Hongkong/China.
2. Soumak Biswas, Sripati Jha, Ramayan Singh," A fuzzy mathematics approach in measuring air pollution from motor vehicles, Computational Ecology and soft ware (IAEES) , 1 September 2012, 2(3):160-168
3. T. Mandal attended and presented the paper:"Reduced multi Objective Linear Fractional Programming Problem", in the 15th Int. Conf. of International Academy Physical Sciences(CONIAPS XV), Rajamangala University of Tech., Thanyaburi, Thailand, December 09-13, 2012.

4. H.S. Prasad, Y.N.Reddy: Numerical Solution of Singularly Perturbed Differential-Difference equations with small shifts of mixed type by Differential Quadrature Method. AJCAM, vol-2, No-1,(2012), pp-46-52.
5. K. Phanindra, Y.N. Reddy , H.S. Prasad, Y.N.Reddy: Fitted Van Veldhuizen finite difference method for Singular Perturbation problems with layer behavior. IEJME, vol-3, (2012), pp-1399-1410.
6. H.S. Prasad, Y.N.Reddy: Numerical treatment of Singularly Perturbed two-point boundary value problems with mixed condition using Differential Quadrature Method. IJASE, vol-9, No-3,(2011), pp- 143-160.
7. H.S. Prasad, Y.N.Reddy: Initial value technique for singularly perturbed two-point boundary value problems using Differential Quadrature Method. IJMSEA, vol-5, No-IV,(2011), pp-407-431.
8. Y.N.Reddy , H.S. Prasad: Differential Quadrature Method for general singular perturbation problems , using Differential Quadrature Method. IJMSA, vol-1, No-2,(2011), pp-975-999.
9. Sunil Kumar, Om P. Singh, Sandeep Dixit, Homotopy Perturbation Method for Solving System of Generalized Abel's Integral Equations, *Applications and Applied Mathematics: An International Journal (AAM)* Vol. 5, Issue 10 (2011)
10. Sunil Kumar, Om P. Singh, Sandeep Dixit, Solution of Generalized Abel Integral Equation by Homotopy Perturbation Method, *Applied Mathematical Sciences*, Vol. 5, 2011, No. 5, 223-232.
11. Sunil Kumar, Om P. Singh, Sandeep Dixit, Generalized Abel Inversion Using Homotopy Perturbation Method, *Applied Mathematics*, Vol. 2, 2011 pp. 254-257
12. S. Dixit, Rajesh K. Pandey, S. Kumar, Om P. Singh, Solution of Generalized Abel Integral equation by using Almost Bernstein Operational Matrix, *American Journal of Computational Methods*, 2011, 1, 226-234
13. M. Khan, M. A. Gondal, Sunil Kumar, A Novel Homotopy Transform Method Algorithm for Linear and nonlinear System of Partial Differential Equations, *World Applied Sciences Journal*, 12(12), 2352-2357(2011)
14. M. Khan, M. A. Gondal, Sunil Kumar, A new analytical approach to solve exponential stretching sheet problem in fluid mechanics by variational iterative Pade method, *The Journal of Mathematics and Computer Sciences*, Vol. 3, No. 2 (2011) 135-144.
15. S. Das, Sunil Kumar, K. Vishal, Application of Homotopy Analysis method for fractional Swift Hohenberg equation- Revisited, *Applied Mathematical Modelling, Modelling* 36 (8), (2012), 3630-3637 (Elsevier)
16. Sunil Kumar, A. Yildirim, M. Khan, M.A. Gondal, and I. Hussain, A Fractional Model of Impurity Concentration and Its Approximate solution, *World Applied Sciences Journal*, 13 (12) 2455-2462, 2011

17. Sunil Kumar, Yasir Khan, Ahmet Yildirim, A Mathematical Modelling arising in the Chemical Systems and its Approximate Numerical solution, *Asia Pacific Journal of Chemical Engineering*, (2011)
18. Yasir Khan, Naeem Faraz, Sunil Kumar, Ahmet Yildirim, A coupling Method of homotopy method and Laplace transform for fractional modells, *U.P.B. Sci. Bull., Series A Appl. Math. Phys.*, 74 (1) (2012) 57-68.
19. M. Khan, M. A. Gondal, Sunil Kumar, A new analytical solution procedure for nonlinear integral equations, *Mathematical and Computer Modelling*, 55(7) (2012), 1892-1897 (Elsevier)
20. Sandeep Dixit, Om P. Singh, Sunil Kumar, A stable numerical inversion of Generalized Abel Integral Equation, *Applied Numerical Mathematics*, 62(5), (2012), 567-579 (Elsevier)
21. Sunil Kumar, Ahmet Yildirim, Yasir Khan, H. Jafari, K. Sayevand, L. Wei, A Analytical Solution of Black- Scholes Option Pricing Equation by using Laplace transform, Vol. 2. Jan. 2012, No.8, pp.1—9.
22. A. Heidari, N. Heidari, R. Amiri, F. K. Jahromi, M. Zeinalkhani, F. Ghorbani, A. Piri, Sunil Kumar, M. Ghorbani, A new approach to studying and investigating hydrogen storage in carbon nanostructures, *International Journal of Scientific & Engineering Research Volume 3, Issue 3*, March -2012
23. Z. Pınar, A. Yıldırım, Sunil Kumar, A. Heidar, Syed Tauseef Mohyud-Din, Variational Iteration Method for Bi-fractional Black-Merton-Scholes Model, *International Journal of Pure and Applied Mathematics*, (Accepted) 2012
24. Sunil Kumar, H. Kocak, Ahmet Yildirim, A fractional model of gas dynamics equation by using Laplace transform, *Z. Naturforsch.* 67a, 389 – 396 (2012).
25. Sunil Kumar, Ahmet Yildirim, W. Leilei, A fractional model of diffusion equation by using Laplace transform, *Science Irantica*, (2012) 19 (4), 1117–1123. (Elsevier)
26. L. Wei, Xindong Zhang, Sunil Kumar, Numerical study based on an implicit fully discrete local discontinuous Galerkin method for time fractional coupled Schrodinger system, *Computer and Mathematics with application* 64 (8) (2012)2603-2615 (Elsevier)
27. L. Wei, Yinnian He, Ahmet Yildirim, Sunil Kumar, Numerical study based on an implicit fully discrete local discontinuous Galerkin method for time fractional KdV- Burgers-Kuramoto equation, *ZAMM* (Accepted) (2012)
28. Sunil Kumar, M. P. Tripathi, Om P. Singh, A fractional model of Harry Dym equation and its approximate solution, *Ain Shams Engineering Journal* (2012) (Accepted) (Elsevier)
29. Sunil Kumar, A new mathematical modelling for nonlinear wave in hyperelastic rod and its approximate solution, *Walailak Journal of Sciences and Technology*, (2012) (Accepted)
30. Wenbin Zhang, Jiangbo Zhou, Sunil Kumar, Symmetry Reduction, Exact Solutions, and Conservation Laws of the ZK-BBM Equation, *ISRN Mathematical Physics*, (2012)

31. S. Kazem, S. Abbasbandy, Sunil Kumar, Fractional-order Legendre functions for solving fractional-order differential equations, *Applied Mathematical Modelling*, 37 (7), (2013) pp. 5498–5510. (Elsevier)
32. Jianping Zhao, Bo Tang, Sunil Kumar and Yan Ren Hou, The extended fractional sub-equation method for nonlinear fractional differential equations, *Mathematical Problems in Engineering*, (Accepted) (2012) Volume 2012
33. Upadhyay, R. K., Volpert, V. and Thakur, N. K. (2012) Propagation of Turing patterns in a plankton model. *Journal of Biological Dynamics* 6 (2), 524-538.
34. Rai, V., Upadhyay, R. K. and Thakur, N. K. (2012) Complex Population Dynamics in Heterogeneous Environments: Effects of Random and Directed Animal Movements. *International Journal of Nonlinear Sciences and Numerical Simulation*, 13, 299-309.

8 . Workshop/ Seminar/ Conference/ Short term Courses attended:

1. H.S. Prasad, Y.N.Reddy: Numerical solution of Singular Singularly Perturbed two-point boundary value problems using Differential Quadrature Method. Conference on new vistas in computational fluid dynamics in engineering, Department of Mathematics, NIT Warangal, From 27-01-2012 to 29-01-2012.
2. H.S. Prasad, Y.N.Reddy: Numerical treatment of Singularly Perturbed two-point boundary value problems with mixed condition using Differential Quadrature Method. National Meet of Research Scholars in Mathematical Sciences. Department of Mathematics, IIT Kharagpur, From 12-10-2011 to 15-10-2011.
3. Y.N. Reddy , H.S. Prasad, K. Phanindra: Fitted Van Veldhuizen finite difference method for Singular Perturbation problems with layer behavior. ISTAM-2011, Department of Applied Mathematics & Humanities, S.V. NIT, Surat, India, From 19-12-2011 to 21-12-2011.
4. National Workshop on "Advanced Computational Applications Using Ansys Fluent", Department of Mathematics, NIT Warangal, India, on 07-01-2011
5. STTP on "Mathematical Modelling & Numerical Techniques", Department of Mathematics, NIT Warangal, India, From 17-01-2011 to 21-01-2011.
6. T. Mandal attended Short Term Training course on "Computational Fluid Dynamics" during December 24-28, 2012 organised by Dept. of Mechanical Engg., N.I.T. Jamshedpur
7. R. Singh attended Short Term Training course on "Computational Fluid Dynamics" during December 24-28, 2012 organised by Dept. of Mechanical Engg., N.I.T. Jamshedpur

9 . Laurels & Distinctions : NIL

DEPARTMENT OF HUMANITIES

1. Name of the Head : **Dr. Yamuna Prasad Yadav, Professor , Physics Department**

2 Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1	Dr. Rajiv Bhushan	Associate Professor	Ph.D., Bihar University	American Literature
2	Dr. Maninder Kapoor	Assistant Professor	Ph.D., IIT KGP	Feminist Narratology and Women's Fiction

On Contract

3	Dr. Priyanka Tripathi	Lecturer	Ph.D.	Indian Women Short Fiction in English, Gender Studies and Sexuality Studies
4	Dr. Jindagi Kumari	Lecturer	Ph.D.	Indian English Poetry, Poetic Consciousness; New Criticism, Literary Aesthetics and Eroticism

3. **Laboratories** : NIL

4. **New Acquisitions** : NIL

5. **Research Facilities** : NIL

6. **Testing & Consultancy** : NIL

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

1. Kapoor, Maninder and Seema Singh. "The Quest for Selfhood in Anita Nair: A Study of Feminist Narratology in *Ladies Coupe*." *Families: A Journal of Representations* 8.2 and 9.1 (2011): 58-79
2. Priyanka Tripathi, "Marriage, Marital Violence and Indian Masculinity: Exploring the Short Fiction of Shashi Deshpande" *Reverting the Gaze: Analysing the Portrayal of Male Characters in the Fiction of Indian Female Novelists*, ed. S.M Yahiya Ibrahim (Jamshedpur: Karim City College, December 2011) 73-81.
3. Kumari, Jindagi and Dr. Rajni Singh. "Erotic Consciousness in the Poetry of Shiv K. Kumar and R. K. Singh: A Comparative Study." *Poetcrit*. Vol.XXV.1(January, 2012): 50-56.

8. **Workshop/seminar/short term courses attended:**

1. Dr. Maninder Kapoor ,Presented a paper entitled "God of Small Things vs the Devil of Big Things" at a UGC sponsored National Seminar on Literature and the Subconscious from 20-21 December, 2011 at Karim City College, Jamshedpur.
2. Dr. Priyanka Tripathi,Presented a paper entitled "In Search of Indianness in ELT Classrooms: Translation, Indian Literature and English", SCOPE, in International Seminars: H M Patel Institute of English Training and Research in association with Cambridge ESOL, Gandhinagar, 22-23 June, 2012

3. Dr. Priyanka Tripathi Presented a paper entitled "Trends and Tradition of Tribal Literature in India", in the National Seminar in SKM University, Dumka, 27-28 March, 2012
 4. Dr. Priyanka Tripathi, Presented a paper entitled "Gendered Space and Endangered Species: Sexuality and Women in Indian Women's Short Fiction in English", Southfield College, Darjeeling, 12-14 March, 2012 Presented a paper entitled "Narrating to Survive: Memories of the Past in Anita Desai's *The Zigzag Way*", KCC, Jamshedpur, 20-21 December, 2011
 5. Dr. Jindagi Kumari, Presented a paper entitled "Memory as a Trope in Pritish Nandy's *Again*" , at UGC Sponsored National Seminar on Literature and Subconscious: Dream and Memory as Narrative Structure in Indian Writing in English, Karim City College, Jamshedpur, December, 2011
- 9. Laurels & Distinctions : NIL**

DEPARTMENT OF PHYSICS

1. Head of the Department : **Dr. Yamuna Prasad Yadav**
 2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Yamuna Prasad Yadav	Professor	M.Sc., Ph.D., IIT Delhi	Solar Energy
2.	Ujjal Laha	Professor	M.Sc., Ph.D., (Vishwa Bharti University)	Few-particle Dynamics
3.	Ajay Kumar Singh	Associate Professor	M.Sc.	Radio Physics & Electronics
4.	Bibekananda Kundu	Associate Professor	M.Sc.	Material Science
5.	Hira Lal Yadav	Associate Professor	M.Sc., Ph.D., IIT Delhi	Holography
6.	Rajeev Ranjan	Associate Professor	M.Sc.	X-ray & Crystallography
On Contract :				
1.	Jhasaketan Bhoi	Lecturer	M.Sc., M. Phil.	Nuclear Physics

- 3.Laboratories** : (i) UG Lab
 (ii) UG Lab (Modernized)
 (iii) Microwave Lab
 (iv) Photonics Lab.

- 4.New Acquisitions** : NIL
5.Research Facilities : The research area includes Nuclear Scattering, Holography and Solar Energy.

- 6.Consultancy & Testing** : NIL

7.Research papers published Journals /Conferences :

1. Dependence of angular selectivity of thick phase transmission hologram recorded in dichromated gelatin film on Processing parameters. R.Ranjan, Abhijit Ghosh & H.L.Yadav, J. Opt (2012) 41:65-69, Springer.
 2. Application of thick phase transmission hologram recorded in dichromated gelatin film for maximum data Storage Abhijit Ghosh, R.Ranjan & H.L.Yadav, XXXVI Optical Society of India Symposium on Frontiers in Optics and Photonics, December 3-5, 2011, Physics Department, IIT New Delhi.

8.Workshop/Seminar/Short term courses attended :

A.K. Singh attended Short term course on Modeling & Attended Simulation of Renewable Energy Systems organized under TEQIP-II, 18-22 June 2012, Department of Mechanical Engineering NIT,Jamshedpur.

9.Laurels & Distinctions :

H.L. Yadav has been on the panel of experts of the University for evaluation of Ph.D... thesis. Y.P. Yadav is reviewer of Elsvier's journals, Solar Energy, Applied Energy and Desalination. He has also been on the panel of experts of the IIT/University for evaluation of Ph.D... thesis.

DEPARTMENT OF CHEMISTRY

1. Name of the Head : **Dr. Yamuna Prasad Yadav, Professor , Physics Department**

2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Anand K. Chowdhury	Associate Professor	Ph.D., (Ranchi University)	Physical Chemistry & Surface Chemistry
2.	Dr. Shailesh Kr Prasad	Associate Professor	Ph.D., (Ranchi University)	Organic Chemistry & Radio Chemistry
On Contract				
1.	Dr. Sampad Ghosh	Assistant Professor	Ph.D., (IIT Kharagpur)	Molecular Self-assembly, Drug Delivery, Surface Chemistry
2.	Dr. Samrat Sen Choudhury	Assistant Professor	Ph.D.,(BESU, Shibpur)	Nanomaterials, Environmental Chemistry, Water Research.

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

4. **New Acquisitions** : NIL

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

6. **Testing & Consultancy** : NIL

7. Research papers published in Journal/Conferences:

1. Dr. S. Ghosh-2 (*Langmuir, Journal of Colloid and Interface Science*), Dr. S. Sen, Choudhury-1 (*J.Metallurgy and Material Science*).

8. Workshop/Seminar/Short term Courses attended:

1. Dr. S. Ghosh-1 (*International Symposium on Recent Trends of Research in Chemistry*, Midnapore College, India, Oct 31-Nov 1, 2011.

9. Laurels & Distinctions : NIL

DEPARTMENT OF MECHANICAL ENGINEERING

1. Head of the Department : **Dr. Ram Vinoy Sharma**

2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of 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. Saran	Professor	M.E. Allahabad University	Machine Design
4.	Prof. R.V. Sharma	Professor & 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, Mechanics, Thermal Engg.
6.	Prof. R. K. Prasad	Professor	Ph.D., Roorkee University	Fluid Machinery & Solar Energy
7.	Prof. M.K. Paswan	Professor	Ph.D., Ranchi University	Solar Energy , Machine Design & Manufacturing Technology.
8.	Prof. Sanjay	Professor	Ph.D., UP Technical University	Combined Cycle Power Plants, Energy Conversion System
9.	Prof. S.P. Sharma	Professor	Ph.D., University of Roorkee	Thermal Engg., Solar Energy & Heat Transfer.
10.	Prof. H.N. Singh	Professor	Ph. D. Roorkee University	Thermal Engg. & Heat Transfer
11	Dr. S.K. Singh	Associate Professor	Ph.D., Roorkee University	Thermal Engg., Heat Transfer & Pinch Technology
12.	Dr. P. Kumar	Associate Professor	Ph.D., I.I.T., Roorkee	Thermal Engg. , Refrigeration & Air Conditioning.
13.	Sri Malay Niraj	Associate Professor	M.Sc. Engg. Ranchi University	Production Management. & TPM.
14	Dr. P. Chand	Associate Professor	Ph.D., Ranchi University	Thermal Engg. Aerodynamics & Solar Energy.
15.	Dr. K.D. P. Singh	Associate Professor	Ph.D., Ranchi University	Thermal Egg. & Solar Energy.
16.	Dr. M.K. Sinha	Associate Professor	Ph.D., I.I.T., Kharagpur	Thermal Engg. & CFD.
17.	Dr. Anil Kr. Prasad	Assistant Professor	Ph.D., N.I.T., Jamshedpur	Combustion and Pinch Technology
18.	Dr. Naresh Prasad	Assistant Professor	Ph.D., N.I.T., Rourkela	Composite Materials & Tribology
19.	Dr. Laljee Prasad	Assistant Professor	Ph.D., Roorkee University	Heat Transfer

3. Laboratories:

- (i) Applied Thermodynamics Laboratory
- (ii) Thermodynamics Model Laboratory
- (iii) Renewable Energy Laboratory
- (iv) CAD, CAM & CFD Laboratory
- (v) Metrology Laboratory
- (vi) Mechanism & Vibration Laboratory
- (vii) Fluid Mechanics & Fluid Machinery Laboratory
- (viii) Heat Transfer Laboratory
- (ix) Strength of Materials Lab

4. New Acquisitions : NIL**5. Research Facilities :**

The Department has research facilities in the area of solar Energy, Combined Power Cycle, Heat Transfer, Fluid Mechanics & CFD and Mechanism and Machine theory, Industrial Problem related to energy.

6. Testing and consultancy

Sl. No.	Nature	Type	No of Party	Total Amount
1.	Testing	Structural steel	06	76478/-
2.	Consultancy	Design Approval of Tip Trailor	01	28090/-

7. Research Papers published in Journals/Conferences:**International Journal**

- (i) A. K. Prasad, R. K. Prasad and S. Khanam, "Design Modifications for Energy Conservation of Sponge Iron Plant", J. Thermal Sc. & Engg. Appl., ASME, 2011, Vol. 3, Issue 1, pp. 015001-11.
- (ii) A. K. Prasad, R. K. Prasad and S. Khanam, "Development of Energy Conservation Scenarios for Sponge Iron industry using Process Integration", Energy efficiency, Springer, 2011, Vol. 4, Number 3, pp. 321-33
- (iii) A. K. Prasad, R.K. Prasad and S. Khanam, " An Investigation for Generation of Energy conservation Measures for Sponge Iron Plants using Process Integration Principles", International Journal of Research and Reviews in Applied Science, IJRRAS, 2011, Vol. 6, issue 1 , pp. 77-88
- (iv) Anil Kumar Prasad, Vivek Kumar and Shabina Khanam, " Generation of Energy Conservation Measures for Sponge Iron Plants", Journal Lecture Notes in Engineering and Computer Science, DOAJ, 2011, Vol. 2192, issue 1, pp. 2480-2484
- (v) M. K. Paswan et al., "Economic analysis of transportation directly reduced iron(DRI) through ship", Int. J. Services Technology and Management, Vol. X, No. Y, 2012,
- VI) M. K. Paswan et al., Pivot Plant Test Making Paving Block From Fly Ash Using Geopolymerision International Science Press IJAMS: Vol. 3 No. 2 July- December 2012 pp. 149-162 2012

- (vii) AK Mohapatra, Sanjay, L Prasad, Thermodynamic analysis of effect of blade cooling methods on air humidifier integrated gas turbine cycle, Journal of the Energy Institute, UK, Vol. 85 (2), pp-61-69
- (viii) S Shukla, P Murty, Sanjay, Combined Heat and Power through Biomass-An Overview, an SAE publication (2011)
- (ix) A.K. Mohapatra, Sanjay, L.Prasad, Parametric Analysis of Cooled Gas Turbine Cycle with Evaporative Inlet Air Cooling, , International Journal of Scientific & Engineering Research Volume 3, Issue 3, March-2012, pp 1-8.
- (x) Malay Niraj, Shalendra Kumar, Value Engineering – A new Concept in Vendor Selection," International Journal of Scientific & Engineering Research, Vol. 3, Issue 3, 2012.

National Journal :

- (i) Malay Niraj, Shalendra Kumar, " Medelling for vendor Selection through Fuzzy Based Moc Industrial Engineering (IE) Journal IIIE, Mumbai, 2012

International Conference

- (i) Anil Kumar Prasad , Vivek Kumar and Shabina Khanam, "Generation of Energy Conservation Measures for Sponge Iron Plants" Proceedings of the World Congress on Engineering, organized by International Associations of Engineers, WCE 2011, Vol. III, July 6-8, London, U.K., Online July 2011.
- (ii) P.Kumar,Heat Transfer Enhancement by Twisted Tape inserts during condensation of R-245FA inside Horizontal Tube August 21 – 26 , 2011 , ICR, 2011, August 21-26, Prague, Czech Republic.

National Conference

- (iii) P.Kumar,National Conference on Refrigeration and Air-Conditioning (NCRAC- 2011) IIT Madras, Chennai, 7 -9 July, 2011 Topic- Pressure drop by twisted tape inserts during condensation of R-245FA inside Horizontal tube

Reviewer of Journals

Professor B.N. Prasad

- (a) Journal of the Energy Institute (b) Journal of the Energy Research.

8. Workshop/seminar/short term courses attended: NIL**9. Laurels and Distinctions :**

- (i) Dr. A. K. Prasad, member, Editorial Board, Napier Indian Advanced Research Journal of Sciences, Published by Society of Advanced Research Sciences, Bihar (India), Vol. 5 (Dec 2010) and vol. 5 (June 2011).

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

1. Head of the Department : **Dr. Ram Janam Singh**
 2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr Sharda Nand Sinha (ON LIEN)	Professor	Ph.D., IIT, Bombay	Process Met. Of Iron & Steel
2.	Dr Ram Janam Singh	Professor	Ph.D., R.U	Steel Tech., Alloy Steel Corrosion Engg
3.	Dr Sunil Kishore Sahay	Professor	Ph.D.(U.K.), Cambridge	Physical Metallurgy, Phase Transformation
4.	Dr Rajendra Pratap Singh,	Professor	Ph.D., IIT, KGP	Ferrous Process Metallurgy
5.	Dr Mahesh Kumar Agrawal	Associate Professor	Ph.D., B.H.U	Process Met (Steel), Transport Phenomena, Pneumatic process.
6.	Sri Chandra Shekhar Choudhary	Associate Professor	M.Tech., NIT, JSR	Ext. Met. Of Iron & Steel
7.	Dr. Ashok Kumar	Associate Professor	Ph.D., IIT, Kgp	Mechanical Metallurgy, Fatigue, Fracture & Failure Analysis
8.	Sri Binod Kumar Singh,	Associate Professor	M.Tech., NIT, JSR	Foundry Tech.
9.	Dr. Ranjit Prasad	Assistant Professor	Ph.D., R.U.	Engg. Geology, Mineral Beneficiation
10.	Dr. Rina Sahu	Assistant Professor	Ph.D., B.E.S.U Shibpur, Howrah	Metallic glass, Foundry Technology, Metal Forming

3. Laboratories:

- (i) Thermodynamics & Kinetics Lab.
- (ii) Extractive Metallurgy Lab (Ferrous)
- (iii) Physical Metallurgy Lab
- (iv) Heat Treatment Lab
- (v) Geology & Mineral Beneficiation Lab
- (vi) Non ferrous Metallurgy & Corrosion Lab
- (vii) Foundry Lab
- (viii) Advance Materials Lab
- (ix) Corrosion Lab
- (x) Computational Lab

4. New Acquisitions : NIL

5. Research and Development activities:

Environment Management & Waste Utilisation, Energy conservation, Developments of new materials, Materials characterizations & NDT, Examine the effect of thermo-physical properties of additives on their dissolution in steelmaking baths, Iron Ore Fines, Iron & chromium ore beneficiation, Corrosion Engg.

Thrust Areas :Waste Management, Energy Conservation & Characterization of Raw Materials, Nano technology, Materials Science Engineering.

Dr. R.J.Singh

1. Attended International Conference 'STEEL TECH" 2011, at Kolkata between 3-4 Sept., 2011
2. Reviewer for TATA RESEARCH published by TATA STEEL

Dr. S.K. Sahay

1. Rapid solidification and processing Al – Li- X powders , Anshul Gupta, Miss Supriya S .K. Sahay and C.S.Choudhary IIM , NMD, ATM – 2011 November , Hyderabad.
2. Development of (A+B) Ti - alloys Anshul Gupta, S .K. Sahay C.S.Choudhary and Anubhav Pandey IIM , NMD, ATM – 2011 November , Hyderabad .
3. The Rise of Graphene : The 2 – D wonder - A Review of its structure , properties and potential
4. K . Rohit, Shubham Indoria , S.K.Sahay IIM , NMD, ATM – 2011 November Hyderabad.
5. Grain Boundaries strengthening in Nan crystalline Materials Anshul Gupta, Miss Supriya S .K. Sahay and C.S.Choudhary International Conference in Nano Science and Technology , January – 20th to 23th 2012 Hyderabad (ICONSAT-2012).
6. Aim and strategy for Development of r – Tail based alloys Anshul Gupta, Miss Supriya S.K. Sahay and C.S.Choudhary International Conference , Feb –012, IGCAR.

6. Testing & Consultancy : NIL**7. Research papers published in Journal/Conferences:**

1. M.M. Mahato, M.K. Agrawal and S.N, Sinha, "Futures of Mini Blast Furnace in India Scenario", Steel World – 9th Iron & Steel Summit , 22 -23th September , 2011, Raipur.
2. M.M. Mahato, M.K. Agrawal and S.N. Sinha "Optimizing Silage Characteristics in MBF to produce SG Grade Pig Iron" , 60th IIF Transaction 2012, Bangalore, Pp – 184 – 191, March 2- 4, 2012.
3. S.B. Prasad, M.K. Agrawal Kumar Abhishek and S.N. Sinha, "Wind Energy – An Alternative Future Resource in India", Proceeding of National Conf. on Emerging Trends in Energy Engineering (ETEE – 2012), Dehradun Institute of Technology, Dehradun , Pp.- 117 – 121, 22- 23 March 2012.

4. M.M. Mahato, M.K. Agrawal & S.N. Sinha "Production of Low Sulphur SG Grade Pig Iron by optimizing Slag Chemistry in Mini Blast Furnace ", publication in Proceeding of " Foundry World Congress" March 2012, p. 34 -38.

PRESENTATION IN CONFERENCES / SEMINAR / WORKSHOPS

1. M.M.Mahato, M.K, Agrawal and S,N,Sinha, " Futures of Mini Blast Furnace in India Scenario", Steel World – 9th Iron & Steel Summit , 22 -23rd September , 2011, Raipur.

Honors/Prize:

1. 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 and Industry , Govt. of India
2. Vice Chairman, the Indian Institute of Metals, Jamshedpur Chapter.

Research papers published & attended conference

1. C.S. Choudhary et. al. presented at National Conference on "Corrosion & Prevention in Oil & Gas sectors", between 12 – 15 January 2012, Jadavpur University, Kolkata.
2. C.S. Choudhary, Shilpi & Krishna et. al presented at National Conference on "Nano materials in Electronics & Software demises", between 12 – 15 January 2012, Jadavpur University , Kolkata.
3. C. S .Choudhary S .K. Sashay et .al, on "Development of (A+B) Ti alloys ", NMD – IIM , Hyderabad.
4. C. S .Choudhary, Zaba Kauser et. al on "Failure of S.G Iron casting in steel plants", National Conference of Research Scholars by National Conference of Research for Scholars , Scientist & students , 3 -4 Feb – 2012, IIT – Madras.
5. A Kumar, S. B. Singh and K K Ray "Mechanical Behavior of 1.20Cr-0.025Nb Low Carbon Ferrite-Bainite Dual-Phase Steels", , National Conference on Processing and Characterization of Materials (NCPCM-2011) 2-3 December 2011, NIT Rourkela
6. A Kumar, International Conference 'STEEL TECH 2011, 3-4 Sept., 2011, Kolkata.
7. A Kumar, S. B. Singh and K K Ray," Short crack growth behavior in 1.20Cr-0.25Nb low carbon Ferrite-Bainite dual-phase steel" , NMD ATM 2011, 13-16 Nov, Hyderabad

Honors/Prize: Member, Executive Committee Indian Institute of Metals Jamshedpur Chapter

8. Workshop/Seminar/Short term Courses attended:

Dr. R.J. Singh, Attended International Conference "STEEL TECH" 2011, at Kolkata between 3-4 Sept., 2011.

9. Laurels & Distinctions : NIL

DEPARTMENT OF PRODUCTION AND INDUSTRIAL ENGINEERING

1. Head of the Department : Dr. Anand Mukut Tigga
 2. Faculty and Designation :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Umesh Chandra Ray	Professor (On Lien)	Ph.D., IIT KGP	Production Management, Industrial Engineering
2.	Dr. Anand Mukut Tigga	Professor	Ph. D., Ranchi University	Production Management, Production and Manufacturing Engineering
3.	Mr. Ashok Kumar Jha	Professor	M. Tech, Ph.D.(Pursuing at Jadavpur UniversityJ)	Production Engineering & Management , Robotics
4.	Dr. Amaresh Kumar	Associate Professor	Ph. D., Jadavpur University	Automation, CAD/ CAM, Management
5.	Dr. Raj Ballav	Associate Professor	Ph. D. ,Ranchi University	Production, R.E and R.P with CAD application
6.	Dr. Shashi Bhushan Prasad	Associate Professor	Ph. D., IIT Roorkee	Solar Energy, Energy Management, Machine Design,
7.	Dr. Dharmendra Patel	Assistant Professor	Ph. D., Ranchi University	Production Engineering, Industrial Engineering
8.	Mr. Surya Narayan Prasad	Assistant Professor	M.Sc. Engg(Mech.)	Machine Design

3. Laboratories and Professor In-charges:

Welding Lab	Dr. Raj Ballav
Non Traditional Manufacturing Lab	Dr. Raj Ballav
CAD/CAM Lab	Dr. Shashi Bhushan Prasad
Advanced Manufacturing Lab	Dr. Amaresh Kumar
Ergonomics Lab	Dr. Dharmendra Patel
Metal Forming Lab	Mr. Surya Narayan Prasad

4. New Acquisitions : NIL

5. Research Facilities:

Production Management, Production and Manufacturing Engineering, Robotics, Automation, CAD/ CAM, Management, Production, R.E and R.P with CAD application ,Solar Energy, Energy Management, Machine Design , Production Engineering , Industrial Engineering

Research areas of the department:

Production Management, Production and Manufacturing Engineering, Robotics, Automation, CAD/CAM, Management, Production, R.E and R.P with CAD application, Solar Energy, Energy Management, Machine Design, Production Engineering, Industrial Engineering

6. Testing and Consultancy : Nil

7. Research Papers Published in Journal / Conferences:

1. Sudhansu Ranjan Das, Amaresh Kumar and Debabrata Dhupal, "Estimating the Effect of Cutting Parameters on Tool Wear and Workpiece Surface Temperature in Turning of AISI D2 Steel" AKGEC International Journal of Technology, Vol. 3, No. 2, pp. 8-14, 2012.
2. Sudhansu Ranjan Das, Amaresh Kumar and Debabrata Dhupal, "Prediction of Optimal Design on Tool Wear and Workpiece Surface Temperature in Turning of AISI D2 Steel" Journal of Engineering Innovation and Research, Volume: IV, Issue: 1, pp. 7-13, 2012.
3. Sudhansu Ranjan Das, Sitesh Mohapatra, Amaresh Kumar and Debabrata Dhupal, "Total Service Quality Measurement in Technical Education System - A Case Study of Deemed University" International Journal of Advanced Engineering Technology, Vol. III, Issue 1V, 2012.
4. Sudhansu Ranjan Das, Amaresh Kumar and Debabrata Dhupal, "Optimal Design of Tool Wear and Workpiece Surface Temperature in Turning of AISI D2 Steel" International Journal of Advanced Engineering Technology, Vol. III, Issue 1V, 2012.
5. Sudhansu Ranjan Das, Amaresh Kumar and Debabrata Dhupal, "Effect of Cutting Parameters on Tool Wear, Surface Roughness and Material Removal Rate During Dry Turning of EN-31 Steel", Journal of Current Engineering Research, Vol. 2 (6), pp. 37-43, 2012.
6. Sudhansu Ranjan Das, Amaresh Kumar and Debabrata Dhupal, "ANALYSIS OF SURFACE ROUGHNESS IN TURNING OF HARDENED AISI 4340 STEEL WITH COATED CARBIDE INSERT", International Journal of Pure and Applied Research in Engineering and Technology, Volume 1(5), pp. 25-36, 2012.
7. Kali Charan Rath,Amaresh Kumar,A.M. Tigga, S. S. Mohapatra *Design and modeling to tool trajectory in C⁰ continuity concept by importing the IGES Neural File Issue-3, V(3), PP. 89-99, 2012 Innovative systems Design and Engineering.*
8. Kali Charan Rath,Amaresh Kumar,A.M. Tigga, *Design of IGES reader software for downstream manufacturing system in support to CAX and computer graphics Issue-2, V(3), PP. 399-409, June 2012, International Journal of computer application*

9. Kali Charan Rath, Amaresh Kumar,A.M. Tigga, *Design Freeform curve modeling by importing neutral file geometric data through the developed IGES reader*, Issue-2, V(1), PP. 52-56,2012 ,Global journal of Mechanical Engineering and computational sciences.
10. Kali Charan Rath,Amaresh Kumar,A.M. Tigga, *Self Affine Nature of freeform parametric Bezier curves for tool path generation*, Issue-6, V(3), PP. 1-9, June 2012,International journal of scientific & Engineering Research.
11. Kali Charan Rath,Amaresh Kumar,A.M. Tigga, *Design of complicated spline trajectory with the help of MATLAB program by the extracted data through the IGES reader for CNC tool motion*, Issue-1, V(1), PP. 25 – 35,July 2012, American Journal of sustainable cities and society.
12. S.B.Prasad, M.K.Agrawal, Kumar Abhishek and S,N,sinha, Wind Energy – An alternative Source of Future Resource in India., Proceeding of National conference on Emerging Trends in Energy Engineering , Dehradun Insitute of Technology, Dehradun, 23-24 March 2012.

8. Workshop / Seminar / Short Term Courses attended : NIL**9. Laurels & Distinctions:**

Dr. S. B. Prasad is a reviewer of Journals (i) Solar Energy, and (ii) Indian Journal of Science and Technology.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING1. Head of the Department : **Prof. Arvind Choubey**

2. Faculty and Specialization :

Sl. No.	Name of the Faculty	Designation	Highest Qualification	Area of Specialization
1.	Dr. Arvind Choubey	Professor	Ph.D., Ranchi University	Signal Processing , soft Computing, Communication & Power Electronics
2.	Dr. Shiva Nand Singh	Professor	Ph.D., Ranchi University	Renewable Energy, Power Electronics, VLSI and Embedded systems
3.	Mr. Akhilesh Kumar	Associate Professor	M.Sc (Engg.),	Analog and Digital Electronics, Digital Communication
4.	Dr. Shyam Sundar Prasad	Associate Professor	Ph.D., (Engg.), Jadavpur University	Communication Engineering, Digital, Analog Electronics, Microprocessor
5.	Mr. Amit Prakash	Associate Professor	M.Sc.(Engg)	Signal Processing, VLSI & CAD, Computer Communication , Microprocessor
6.	Mr. Bhut Nath Singh Munda	Associate Professor	M.Sc. (Engg)	Basic/Advanced Electronics and Power electronics
7.	Mr. Dilip Kumar	Associate Professor	M.Sc. (Engg.)	Communication, Analog and Digital Electronics and Power Electronics.
8.	Ms. Rashmi Sinha	Associate Professor	M.Sc. (Engg,)	Signal Processing, Digital and Analog Electronics, Power Electronics
9.	Mr. Jayendra Kumar	Assistant Professor	M.Sc. (Engg), Ph.D.,(pursuing), IIT Roorkee	Digital Electronics, Microprocessor and Embedded System.

On Contract

1.	Ms. Jyothi Athiya	Assistant Professor	M.Tech.	Microelectronics and VLSI
2.	Mr. Hare Ram Jha	Lecturer	B.Sc.(Engg), Ph.D.,(Pursuing)	Electronics and Communication Engg.
3.	Ms. Chanchala Kumari	Lecturer	B.Tech. M.Tech. (Pursuing)	Electronics and Communication Engg.

3. Laboratories and Professor in charges

SL.No.	Professor in charges	Laboratories
01	Mr. B.N.S.Munda	Basic Electronics
		Analog Electronics
		Digital Electronics
02	Mrs. Rashmi Sinha	Communication Engineering
		Digital Signal Processing
		Fiber Optics
03	Mr. Akhilesh Kumar	VLSI Center
		Electronics Workshop
04	Mr. Dilip Kumar	Industrial Electronics
		Instrumentation
05	Mr. Amit Prakash	Microprocessor
		Embedded System
		Computer Communication Networks

4. New Acquisitions : NIL

5. Research Facilities

- Soft Computing
- Signal Processing
- VLSI and Embedded systems
- Analog and Digital Electronics
- Digital Communication
- Direct Digital Synthesis and applications
- Multiuser Detection for Mobile Communication
- Communication Engineering
- Microprocessor and its Interfacing

Research Areas of the Department

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

6. Testing & Consultancy: NIL

7. Research papers published in Journal/Conferences:**INTERNATIONAL JOURNAL**

1. Jyoti Athiya, Rashmi Sinha and Arvind Choubey "An Improved ECG signal Acquisition System Through CMOS Technology " IJEST Journal , Vol. 4 no. 03 , March 2012, pp. 1088-1094
2. S.S.Prasad et al., "A Novel Scheme for Deviation Detection in Asynchronous Distributed Pricing" in the International Journal of Network Security and its Application (IJNSA) Vol.3, Number 4, pp.75-85, July 2011, ISSN 0975-230
3. Singh S.N, Monika, Jha Pallavi K., and Madhu Bala, "Sustainable Energy and Environmental Management in a Solar Power Adaptive Fuzzy Control Modal for Ground Water Conservation in Rural India," IJRCE, vol.1, Issue 1, pp. 89-94, July 2011.
4. Singh S.N, Monika, Jha Pallavi K., and Madhu Bala, "Sustainable Energy and Environmental Management in a Solar Power Adaptive Fuzzy Control Modal for Ground Water Conservation in Rural India," IJRCE, vol.1, Issue 1, pp. 89-94, July 2011

INTERNATIONAL CONFERENCE

1. S.S.Prasad et al.; , "Performance analysis of OFDMA in LTE," IEEE 2012 Third International Conference on Computing Communication & Networking Technologies (ICCCNT), pp.1-7, 26-28 July 2012
2. S.S.Prasad et al., "Optimal Utilization of Container, Singapore" in the proceeding of 11th Global Conference on Flexible Systems Management (IIMK-GLOGIFT-11), pp.41, Dec 9-12, 2011.

NATIONAL CONFERENCE

1. S.N.Singh, and Snehlata, "Solar Energy and DPWM Power Converter Technology," National Conference at JNCT, Bhopal, July 1-2, 2011.

8. Workshop/Seminar/Short term Courses attended : NIL

9. Laurels & Distinctions : NIL

CENTRAL FACILITY AND SERVICES

Central Facilities

- **Computer Centre:** The Computer Centre serves as the Institute's computing and networking hub. It houses more than 300 machines and also provides high speed internet access to the students and faculty via its 150Mbit/s leased line. There is a VLSI lab above the computer center for VLSI design, for the ECE department.
- **Central Workshop:** The Central Workshop houses Machinery, laboratories of the Mechanical, Electrical Engineering Departments.
- **Institute Dispensary:** The Institute has a dispensary to look after the well-being and health of its students. Medicines are also provided free of cost to the students
- **Central Library:** The Central Library is a three-storied building, which caters to the academic needs of students. It has Reading rooms and Stack rooms. The library subscribes to a number of scientific journals and magazines. The library has a floor space of over 33000 sq. feet and houses over a lakh books.
- **Technology Students' Gymkhana:** TSG is the centre for all extra-curricular Activities taking place in the Institute.
- **Central Store:** The Main building also houses a Central Store which has stocks of necessary supplies such as grocery, toiletries, stationery items, food items, etc.
- **Bank:** The Institute's banking requirements are taken care of the State Bank of India's RIT Branch which is housed within the Main building.
- **Post Office:** The RIT Post Office provides students with important services such as Speed Post, and other services.
- **Guest House:** The Institute also maintains a Guest House, situated in the residential Area, for providing accommodation to visitors.

Accommodation

The Hostels are known as Halls of Residence. There are 11 Halls of Residence-nine for boys and two for girls. They have been named in honour of Great Indian personalities. All the Halls have internet access through wi-fi and Institute wide LAN. Each hostel has a Mess and a common room, for recreational purposes such as watching television (DTH service either of Dish TV or Tata Sky), reading, or playing indoor games such as Table-Tennis, Carrom, etc. Each Hall of Residence also has its own Badminton and Volleyball Courts. The Halls of Residence have an atmosphere conducive to the over-all development of its Boarders. The Halls also subscribe to a number of Magazines. Boarders are provided basic furniture such as Table, Chair and a Cot. The Halls of Residences are all H-shaped, with the exception of Girls' Hostels and Vivekanand Hall of Residence, which is Pentagon shaped. Girl's Hostels are situated adjacent to the Computer Centre in the Institute's Residential Area, where the Faculty Quarters are located. The Boy's Hostels are located on either side of the Institute's Main building in two complexes- Up Hostels Complex, and Down Hostels Complex. The Up Hostels Complex has 4 hostels within its confines, viz- Hostels A,B,C and D. The Up Hostels Complex is home to 1st year and 2nd year students of the B.Tech Program. The Down Hostels Complex has 5 hostels within its confines, viz- Hostels E,F,G,H and I. These Hostels are home to students of 3rd and 4th years of the B.Tech Programme. The Halls of Residence are:

Boys' Hostels

Aryabhatta Hall of Residence	Hostel-A	Shivaji Hall of Residence	Hostel-F
Nirala Hall of Residence	Hostel-B	Subhas Chandra Bose Hall of Residence	Hostel-G
Bhabha Hall of Residence	Hostel-C	Maulana Abul Kalam Hall of Residence	Hostel-H
Dr. Rajendra Prasad Hall of Residence	Hostel-D	Vivekanand Hall of Residence	Hostel-I
Visvesvaraya Hall of Residence	Hostel-E	Girls' Hostels	
		Rani Laxmi Bai Hall of Residence	Girls Hostel-1
		Ambedkar Hall of Residence	Girls Hostel-2

Student Council :

Each year a group of eight students is selected by the administrative board in consultation with the Director, to constitute the Student Council. It comprises of President(Final Year), Vice President (Final year); General Secretary (Third Year); Joint Secretary (Second Year); PG Representative (PG). In addition it has also has an Executive Council, with Technical Secretary, Cultural Secretary, Sports Secretary and Clubs Secretary.

Objective:

A good administration and efficient student council is a part of an able institution. Student Council represents the opinions, ideas and proposals of the students.

1. To provide a link and improve communication between administration, students and parents.
2. To provide a forum for students to voice their opinions on relevant issues.
3. To encourage students to become self-confident, responsible and create a more caring atmosphere.
4. The Council functions to bridge the gap between students and administration, paving way to the healthy relationship between the two, thereby creating a conducive environment for their Academic and extracurricular excellence .
5. The administration is more approachable through the council, and also the demands and problems faced by the students are given a patient ear.
6. To maintain transparency in all types of students activities in the institute.

Student Council (2011-12):

Sl. No.	Name	Will serve as
1.	Kundan Kumar Singh	President
2.	Kumar Sanu	Vice President
3.	Sanket	General Secretary
4.	Avinav Neer	Technical Secretary
5.	Vamsee Krishna	Cultural Secretary
6.	Kumari Shweta	Clubs Secretary
7.	Deepak Venkatesh	Sports Secretary
8.	Prashant	Joint Secretary

COMPUTER CENTRE

Annual Report for July 2011 to June 2012

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 Room
 - v) 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

(T. Mandal)
Coordinator
Computer Centre

List of Faculty members as on 31.03.2012

Sl.No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Retirement
1.	Dr. Madan Mohan Prasad	Professor	CED	Ph. D.	University of Roorkee	31.07.2018
2.	Dr. Ashok Kumar Khan	Professor	CED	Ph. D.	IIT, KGP	30.04.2019
3.	Dr. Arvind Kumar Lal Srivastava	Professor	CED	Ph. D.	IIT, KGP	30.06.2026
4.	Mr. Rakesh Pratap Singh (QIP)	Associate Professor	CED	M. Tech.	Allahabad University	31.05.2026
5.	Dr. Akhileshwar Kumar Singh	Assistant Professor	CED	Ph. D.	IIT, Roorkee	31.10.2029
6.	Dr. Anil Kumar Choudhary	Associate Professor	CED	Ph. D.	Ranchi University	30.03.2033
7.	Dr. Braj Kishor Prasad	Associate Professor	CED	Ph. D.	Indore University	31.10.2028
8.	Dr. Sanjay Kumar	Associate Professor	CED	Ph. D.	Ranchi Univ.	31.03.2033
9.	Dr. Shailendra Kumar (EOLWP)	Associate Professor	CED	Ph. D.	IIT, KGP	30.06.2036
10.	Dr. Abdhesh Kumar Sinha	Associate Professor	CED	Ph. D.	IIT, Roorkee	30.04.2032
11.	Dr. Virendra Kuamr	Associate Professor	CED	Ph. D.	IIT, Roorkee	31.01.2034
12.	Mr. Sajjan Kumar Paswan	Associate Professor	CED	M. Tech.	Ranchi University	31.12.2032
13.	Mr. Nigam Prakash	Associate Professor	CED	M. Tech.	Jadavpur University	31.01.2027
14.	Mr. Shashi Ranjan Pandey	Associate Professor	CED	M. Tech.	Ranchi Univ.	31.01.2029
15.	Dr. Prahlad Prasad	Associate Professor	CED	Ph. D.	IIT, Roorkee	30.09.2028
16.	Mr. Ashok Kumar	Assistant Professor	CED	M. Tech.	Ranchi Univ	31.05.2037
17.	Dr. Ch. Madhusudana Rao	Assistant Professor	CED	Ph. D.	IIT, Roorkee	30.06.2034
18.	Dr. Subodh Behari Lal Saksena	Professor	EED	Ph. D.	IIT, Roorkee	30.04.2016
19.	Dr. Arun Kumar Singh	Professor	EED	Ph. D.	IIT, KGP	30.11.2021
20.	Dr. Amar Nath Thakur	Professor	EED	Ph. D.	IIT, KGP	31.01.2019
21.	Dr. Ravindra Nath Mohanty	Professor	EED	Ph. D.	IIT, KGP	31.07.2027
22.	Mr. Sushil Kumar Gupta	Associate Professor	EED	M. Tech.	Ranchi University	31.12.2028

Sl.No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Retirement
23.	Dr. Adhir Baran Chattopadhyay, (Applied for VRS)	Associate Professor	EED	Ph. D.	IIT, KGP	31.08.2022
24.	Dr. Niranjan Kumar	Associate Professor	EED	Ph. D.	IIT, Roorkee	31.12.2028
25.	Dr. Ashok Kumar Akella	Associate Professor	EED	Ph. D.	IIT, Roorkee	31.12.2023
26.	Dr. Umesh Kumar Sinha	Associate Professor	EED	Ph. D.	Ranchi University	30.11.2025
27.	Dr. Krishna Biharin Yadav	Assistant Professor	EED	Ph. D.	IIT, Roorkee	31.01.2029
28.	Mr. Subhash Chandra Deo, (U/Susp)	Assistant Professor	EED	M. Tech.	IIT, KGP	31.08.2021
29.	Mr. Alok Priyadarshi	Assistant Professor	EED	B. Tech.	MIT, Muzafferpur	31.01.2035
30.	Ms. Madhu Singh	Assistant Professor	EED	M. Tech.	NIT, JSR	31.05.2030
31.	Kumari Namrata	Assistant Professor	EED	M. Tech.	RIT,JSR	31.01.2040
32.	Dr. Sharda Nand Sinha (on Lien)	Professor	MMED	Ph. D.	IIT, Bombay	31.12.2014
33.	Dr. Ram Janam Singh	Professor	MMED	Ph. D.	Ranchi University	30.04.2016
34.	Dr. Rajendra Pratap Singh	Professor	MMED	Ph. D.	IIT, KGP	29.02.2021
35.	Dr. Sunil Kishore Sahay	Professor	MMED	Ph. D.	Cambridge, England	31.05.2016
36.	Dr. Mahesh Kumar Agarwal	Associate Professor	MMED	Ph. D.	BHU	31.01.2020
37.	Mr. Chandra Shekhar Choudhary	Associate Professor	MMED	M. Sc. Engg.	Ranchi Univ.	31.12.2034
38.	Mr. Binod Kumar Singh	Associate Professor	MMED	M. Tech.	Ranchi University	31.05.2025
39.	Dr. Ashok Kumar	Associate Professor	MMED	Ph. D.	IIT, KGP	31.03.2028
40.	Dr. Ranjit Prasad	Assistant Professor	MMED	Ph. D.	Ranchi University	31.01.2024
41.	Dr. Reena Sahu	Assistant Professor	MMED	Ph. D.	B. E. Sc. U., Shibpur	30.09.2043
42.	Dr. Shiva Nand Singh	Professor	ECED	Ph. D.	Ranchi University	31.12.2021
43.	Dr. Arvind Choubey	Professor	ECED	Ph. D.	Ranchi University	31.01.2023
44.	Mr. Akhilesh Kumar	Associate Professor	ECED	M. Tech.	Ranchi University	30.09.2029
45.	Mr. Dilip Kumar	Associate Professor	ECED	M. Tech.	Ranchi University	31.12.2031
46.	Mr. Bhut Nath Singh Munda	Associate Professor	ECED	M. Tech.	Ranchi University	31.01.2033

Sl.No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Retirement
47.	Mr. Amit Prakash	Associate Professor	ECED	M. Tech.	Ranchi University	31.12.2034
48.	Dr. Shyam Sunder Prasad	Associate Professor	ECED	Ph. D.	Jadavpur University	31.07.2039
49.	Ms. Rashmi Sinha	Associate Professor	ECED	M. Tech.	Ranchi University	31.07.2037
50.	Mr. Jayendra Kumar (QIP)	Assistant Professor	ECED	M. Tech.	Ranchi University	30.06.2039
51.	Dr. Umesh Chandra Ray (on Lien)	Professor	PIED	Ph. D.	IIT, KGP	31.07.2016
52.	Dr. Anand Mukut Tigga	Professor	PIED	Ph. D.	Ranchi University	30.09.2025
53.	Mr. Ashok Kumar Jha	Associate Professor	PIED	M. Tech.	IIT, KGP	31.01.2027
54.	Dr. Shashi Bhushan Prasad	Associate Professor	PIED	Ph. D.	IIT, Roorkee	31.01.2031
55.	Dr. Raj Ballav	Associate Professor	PIED	Ph. D.	Ranchi University	31.01.2031
56.	Dr. Amresh Kumar	Associate Professor	PIED	Ph. D.	Jadavpur University	31.07.2034
57.	Dr. Dharmendra Patel	Assistant Professor	PIED	Ph. D.	Ranchi University	31.07.2029
58.	Mr. Surya Narayan Prasad	Assistant Professor	PIED	M. Tech.	Ranchi University	28.02.2018
59.	Mr. Binod Kumar Singh (QIP)	Associate Professor	CSED	M. Tech.	IIT, Roorkee	30.04.2026
60.	Mr. Rajiv Ranjan Suman	Associate Professor	CSED	M. Tech.	IIT, KGP	31.05.2029
61.	Mr. Sanjay Kumar	Associate Professor	CSED	B. E.	Mysore University	31.07.2030
62.	Mr. Dilip Kumar	Assistant Professor	CSED	B. Sc. Engg.	V.B. Univsity, Hazaribag	28.02.2043
63.	Dr. Bishwa Nath Prasad	Professor	MED	Ph. D.	Roorkee University	31.05.2016
64.	Dr. Jai Narayan Yadav	Professor	MED	Ph. D.	Ranchi Univrsty	31.12.2015
65.	Mr. Shambhu Saran	Professor	MED	M. Tech.	Allahabad (MNIT)	31.07.2014
66.	Dr. Mani Kant Paswan	Professor	MED	Ph. D.	Ranchi University	31.07.2029
67.	Dr. Ram Vinay Sharma	Professor	MED	Ph. D.	IIT, KGP	31.10.2027
68.	Dr. Shalendra Kumar	Professor	MED	Ph. D.	IIT, Roorkee	31.10.2024
69.	Dr. Sanjay	Professor	MED	Ph. D.	UP, Technical University	31.03.2033
70.	Dr. Suresh Prasad Sharma	Professor	MED	Ph. D.	University of Roorkee	31.12.2017
71.	Dr. Hari Narayan Singh	Professor	MED	Ph. D.	University of Roorkee	30.04.2019
72.	Dr. Radha Krishna Prasad	Professor	MED	Ph. D.	University of Roorkee	31.01.2019

Sl.No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Retirement
73.	Dr. Sharvan Kumar Singh	Associate Professor	MED	Ph. D.	University of Roorkee	30.09.2018
74.	Dr. Mrityunjay Kumar Sinha	Associate Professor	MED	Ph. D.	IIT, KGP	30.11.2029
75.	Dr. Malay Niraj	Associate Professor	MED	Ph. D.	NIT, Jamshedpur	31.12.2037
76.	Dr. Parmanand Kumar	Associate Professor	MED	Ph. D.	IIT, Roorkee	31.12.2029
77.	Dr. Prabha Chand	Associate Professor	MED	Ph. D.	Ranchi University	31.03.2034
78.	Dr. Krishna Deo Prasad Singh	Associate Professor	MED	Ph. D.	Ranchi University	31.12.2028
79.	Dr. Laljee Prasad	Assistant Professor	MED	Ph. D.	IIT, Roorkee	31.10.2032
80.	Dr. Naresh Prasad	Assistant Professor	MED	Ph. D.	NIT, Rourkela	31.01.2029
81.	Dr. Anil Kumar Prasad	Assistant Professor	MED	Ph. D.	NIT, Jamshedpur	31.07.2031
82.	Mr. Ashok Kumar Mehta	Associate Professor	DCA	M. Sc. Engg.	Ranchi University	31.12.2023
83.	Dr. Dilip Kumar Yadav	Associate Professor	DCA	Ph. D.	IIT, KGP	31.05.2032
84.	Mr. Dilip Kumar Shaw	Associate Professor	DCA	MCA	Ranchi University	31.07.2031
85.	Dr. Danish Ali Khan	Associate Professor	DCA	Ph. D.	Ranchi University	30.04.2029
86.	Dr. Yamuna Prasad Yadav	Professor	Physics	Ph. D.	IIT, Delhi	31.01.2020
87.	Dr. Ujjwal Laha	Professor	Physics	Ph. D.	Vishwa Bharti University	30.11.2026
88.	Dr. Hira Lal Yadav	Associate Professor	Physics	Ph. D.	IIT, Delhi	30.11.2027
89.	Mr. Rajiv Ranjan	Associate Professor	Physics	M. SC (Phy.)	Ranchi University	31.07.2030
90.	Mr. Ajay Kumar Singh	Associate Professor	Physics	M. SC (Phy.)	Bhagalpur University	31.05.2033
91.	Mr. Bibeka Nanda Kundu	Associate Professor	Physics	M. SC (Phy.)	Ranchi University	31.07.2028
92.	Dr. Anand Kumar Choudhary	Associate Professor	Chemistry	Ph. D.	Ranchi University	31.01.2017
93.	Dr. Shailesh Kumar Prasad	Associate Professor	Chemistry	Ph. D.	Ranchi University	31.12.2033
94.	Dr. Balram Ambade	Assistant Professor	Chemistry	Ph. D.	R. S. University, Raipur	30.06.2046
95.	Dr. Srivati Jha	Associate Professor	Mathematics	Ph. D.	Ranchi University	28.02.2023
96.	Dr. Tarni Mandal	Associate Professor	Mathematics	Ph. D.	Ranchi University	31.12.2021
97.	Dr. Ramayan Singh	Associate Professor	Mathematics	Ph. D.	V. Kunwar Singh University	31.07.2025
98.	Dr. Hari Shankar Prasad	Assistant Professor	Mathematics	Ph. D.	NIT, Warangal	31.12.2032

Sl.No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Retirement
99.	Dr. Sunil Kumar	Assistant Professor	Mathematics	Ph. D.	Banaras Hindu university	31.10.2047
100.	Dr. Rajeev Bhushan	Associate Professor	Humanities	Ph. D.	Bihar University	31.07.2026
101.	Dr. Maninder Kapoor	Assistant Professor	Humanities	Ph. D.	IIT, KGP	30.09.2022

List of Faculty (on Contract) as on 31.03.2012

Sl. No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Joining in the Institute
1.	Mr. Hare Ram Jha	Lecturer	Electro. & Comm.	BSc. Engg.	Magadh Univ.	28.01.2011
2.	Ms. Chanchala Kumari	Lecturer	Electro. & Com.	B Tech.	Ranchi Univ	31.01.2011
3.	Mr. Bhaskar Mondal	Assistant Professor	Comp.Sc.	M Tech.	W B Univ. of Technology	28.01.2011
4.	Mr. Sunil Kumar Singh	Assistant Professor	Comp. Sc.	M. Tech.	W. Bengal Univ. of Technology	31.01.2011
5.	Ms. Suprita Das	Lecturer	Comp.Sc.	B. Tech.	Biju Patnaik Univ. of Tech., Rourkela	31.01.2011
6.	Mr. Rajesh Duvvuru	Assistant Professor	Comp. Sc.	M. Tech.	Acharya Nagarjuna Univ. (A.P.)	01.02.2011
7.	Mr. Saurav Singh Thakur	Lecturer	Comp. Sc.	B. Tech.	RGPV, Bhopal	01.02.2011
8.	Mr. Kundan Kumar	Assistant Professor	Elect. Engg.	M. Tech.	NIT, JSR	01.02.2011
9.	Mr. Amit Kumar	Assistant Professor	Electrical Engg.	M. Tech.	NIT, JSR	01.02.2011
10	Ms. Rekha	Assistant Professor	Electrical Engg.	M. Tech.	NIT, JSR	25.04.2011
11	Mr. Soumik Biswas	Assistant Professor	Mathematics	M. Phil.	Univ. of Calcutta	01.02.2011
12	Mr. Nilesh Kumar Thakur	Assistant Professor	Mathemetics	M. Phil.	ISM Dhanbad	01.02.2011
13	Mr. Sampad Ghosh	Assistant Professor	Chemistry	M. Sc, M. Tech	CSJM Univ., NIT, Durgapur	21.04.2011
14	Mr. Samrat Sen Choudhury	Assistant Professor	Chemistry	M. Sc (Chem)	Ranchi Univ.	19.04.2011
15	Mr. Sudhanshu Kumar Jha	Assistant Professor	DCA	MCA	U.P. Technical Univ. Lucknow	20.04.2011

Sl. No.	Name of the Faculty	Designation	Department	Highest Qualification	Institute/University	Date of Joining in the Institute
16	Ms. Sraboni Mandal	Assistant Professor	DCA	M. Stat, MCA	Patna Univ. , IGNOU	20.04.2011 (A.N.)
17	Dr. Priyanka Tripathi	Lecturer	Humanities	Ph. D.	IIT KGP	21.04.2011
18	Dr. Jindagi Kumari	Lecturer	Humanities	Ph. D.	ISM Dhanbad	25.04.2011
19	Mr. Chandan Kuamr	Lecturer	DCA	MCA	Sikkim Manipal Univ.	18.04.2011
20	Mr. Dindayal Mahto	Lecturer	DCA	MCA	IGNOU	25.04.2011
21	Ms. Susmita Mahato	Lecturer	DCA	MCA	IGNOU	18.04.2011
22	Mr. Arun Kumar Marandi	Lecturer	DCA	MCA	NIT, Allahabad	20.04.2011
23	Mr. Jhasaketan Bhoi	Lecturer	Physics	M. Phil.	Sambalpur Univ.	20.04.2011
24	Ms. Jyoti Athiya	Assistant Professor	ECE	M. Tech.	SGS Instt. Of Tech. & Sc., Indore	25.01.2011 (A.N.)

List of Officers as on 31.03.2012

Sl. No.	Name of the Officer	Designation	Section	Highest Qualification	Institute/University	Date of Retirement
1	Dr. Sayad Azmat Husain	Registrar (Under Suspn.)	Registrar Office	Ph.D.	Patna Univ.	31.07.2026
2	Mr. Rupak Kumar	W/S Superintendent	Workshop	B.E.	BIT, Mesra	30.04.2032
3	Dr. Neeta Bharti	Librarian	Library	Ph.D.	Bhagalpur Univ.	30.04.2026
4	Mr. Ram Pravesh Prasad	Asstt. Registrar	Establishment	PGDPM	NIPM, Kolkata	31.01.2025
5	Mr. Deepak Kumar	Asstt. Engineer	Civil Maintenance	B.E.(Civil)	LNM Univ. Darbhanga	31.8.2030
6	Mr. Sunil Kumar Bhagat	Store & Purchase Officer	Stores	M.Com	Patna Univ.	31 10 2025
7	Mr. Anup Chhabhi Topno	Foreman (Mech.)	Workshop	M.Sc. Engg	Ranchi Univ.	30 11.2028
8	Mr. Nanda Kishore Sethy	Asstt Librarian	Library	M. Lib.	Sagar Univ.	31.07.22
9	Mr. Umesh Kumar	Asstt. Librarian	Library	M. Lib.	Sagar Univ.	31.03.22

List of non faculty as on 31.03.2012

Sl. No.	Name of the employees	Designation	Dept./Section	Highest Qualification	Institute/University	Date of retirement
01.	Mr. Banshi Lal Sardar	Asstt. SG-II	Dept. of Electrical	I.A.	Ranchi University	31.01.2023
02.	Mr. Mahesh Rajak	Asstt. SG-II	Estt. Section	B. Com	Ranchi University	31.10.2023
03.	Mr. Gopaljee Ram	Asstt. SG-II	Acct. Section	B.Com	Ranchi University	31.03.2026
04.	Mr. Lekh Chandra	Asstt. SG-II	Dept. of E.C.E	B.Com	Ranchi University	30.11.2015
05.	Mr. Nagendra Nath Mukhi	Asstt. SG-II	Asstt. Engg. Section	B.Com	Ranchi University	30.11.2018
06.	Mr. Chaman Lal	Asstt. SG-II	Acctt. Section	B. Com	Ranchi University	31.05.2022
07.	Mr. Nand Lal Rajak	Asstt. SG-II	Acad. Section	B.Com	Ranchi University	31.01.2021
08.	Mr. Basant Kalandi	Asstt. SG-II	Dept. of Comp. App	B.Com	Ranchi University	31.12.2021
09.	Mr. Ramjee Prasad Sinha	Asstt. SG-II	Asstt. Proctor Office	B.Sc	Ranchi University	31.01.2023
10.	Mr. Sanjay Chatterjee	Asstt. SG-II	Dept. of PIE	B.Com	Ranchi University	30.04.2026
11.	Mr. Manoj Kumar Prasad	Asstt. SG-II	Acad. Section	B.Com	Ranchi University	31.10.2022
12.	Mr. Bimal Kr. Mahato	Asstt. SG-II	Acctt. Section	M. Com	Ranchi University	31.01.2015
13.	Mr. Thakur Mardi	Asstt. SG-II	Acctt. Section	B.Com	Ranchi University	31.05.2013
14.	Mr. Shailesh Kumar	Asstt. SG-II	Dean's Office	B. Com	Ranchi University	30.09.2024
15.	Mr. Khogeshwar Mahato	Asstt. SG-II	Acctt. Section	B. Sc	Ranchi University	30.09.2020
16.	Mr. Nand Kishore Jha	Asstt. SG-II	Director's Office	B. Com, PG Dip in LSW	Ranchi University	31.01.2026
17.	Mr. Tapan Kumar Kar	Asstt. SG-II	Dept. of Civil	B.Sc	Ranchi University	31.10.2022
18.	Mr. Murali Behra	Asstt. SG-II	Acctt. Section	B.Com	Ranchi University	31.10.2021
19.	Mr. Naresh Kr. Pathak	Asstt. SG-II	Workshop	B.A	Ranchi University	30.11.2025
20.	Mr. Tarkeshwar Kumar	Asstt. SG-II	Estate Section	B.Com	Ranchi University	30.06.2025
21.	Mr. Suman Kumar	Asstt. SG-II	Acctt. Section	Dip. (Mgt)	IGNOU	31.08.2029
22.	Mr. Raj Kumar Baitha	Asstt. SG-II	Dept. of Mechanical	B.A	Ranchi University	31.03.2034
24.	Mr. Arun Pandit	Asstt. SG-II	Acctt. Section	M.Com	Ranchi University	31.01.2024
25.	Mr. Arjun Kr. Singh	Asstt. SG-II	T&P Cell	B.A	Magadh University	31.12.2033
26.	Mr. Dashrath Singh	Asstt. SG-II	Acad. Section	B.A	Magadh University	28.02.2031
27.	Mr. Nabo Kishore Mahato	Asstt. SG-II	Central Library	M. Com	Ranchi University	31.01.2022
28.	Mr. Urmilesh Jha	Asstt. SG-II	Dept. of Met & Mat	B.A.	L.N. M. University, Darbhanga	31.01.2023
29.	Mr. Anrudh Sanyal	Stenographer	Director's Office	B.Sc	Ranchi University	30.09.2023
30.	Mr. Surya Narayan Yadav	Asstt. SG-II	Comp. Centre	B. Sc	Gorakhpur University	31.12.2025
31.	Ms. Sarswati Tanty	Sr. Asstt.	Estt. Section	M.A. Eng.	Ravi Shankar University	30.06.2018
32.	Mr. Rajkumar Pramanik	Sr. Asstt.	Estt. Section	M.Com	Ranchi University	31.10.2028
33.	Mr. Anil Kumar	Sr. Asstt.	Dept. PCM	B. Sc	Ranchi University	31.03.2027
34.	Mr. Sushil Kr. Gupta	Sr. Asstt.	Director's Office	B. Com	Ranchi University	28.02.2030
35.	Ms. Boby Banerjee	Sr. Asstt.	Dept. Comp. Sc.	B. Sc	Ranchi University	31.12.2035
36.	Mr. Ashutosh Ranjan	Sr. Asstt.	Computer Centre	B.A.	Ranchi University	31.08.2033
37.	Mr. Sudhanshu Shekhar	Sr. Asstt.	Acctt. Section	B. Sc	Magadh University	31.07.2032
38.	Kumari Kanak	Jr. Asstt.	Estt. Section	B.A.	Hindi Vidyapith, Deoghar,	30.06.2038

Sl. No.	Name of the employees	Designation	Dept./Section	Highest Qualification	Institute/University	Date of retirement
					Jharkhand	
39.	Mr. Jagdish Singh	P.T.I	TSG Section	B. Sc (BP Ed)	Magadh University Amravati University	31.10.2023
40.	Mr. Abdul Qaiyum	Lab. Asstt.	Dept. of Civil	B. Sc	Magadh University	31.01.2013
41.	Mr. Trivani Kr Mishra	Lab. Asstt.	Dept. of Mechanical	B. Sc	University of Muzaffarpur	30.09.2013
42.	Mr. Sudhir Kr. Sinha	Tech. Asstt.	Comp. Centre	B. Sc	Magadh University	30.11.2032
43.	Mr. Bipin Sinha	D.E.O	Dept. of Comp. Sc.	I. Sc.	B.I.E.C. Patna	31.03.2034
44.	Mr. Nawal Kishore	Draftsman	A.E. Section	Dip. In Civil	State Board of Technical Education Bihar	31.01.2034
45.	Mr. Baliram Kr.	S. Inspector	Estate Section	B. Sc (Dip)	Magadh University All India Social Institute Self Govt.	30.06.2029
46.	Mr. Kailash Jha	Bus Driver	Veh. Section	Non-Matric	B.S.E. Board, Board	31.03.2013
47.	Mr. Sanjay Kr. Sinha	Bus Driver	Veh. Section	Non-Matric	B.S.E. Board, Board	30.04.2029
48.	Mr. Kamesh Prasad Sinha	Driver	Veh. Section	Non-Matric	N.A.	31.12.2030
49.	Mr. Hemant Sal	Pickup Driver	Veh. Section	Non-Matric	N.A	31.08.2026
50.	Mr. Keshari Kr. Bhartia	Compounder	Medical Section	Dip. in PHR	BIEC Patna, Pharmacy Council of the State of Bihar	31.12.2025
51.	Mr. Ashok Kr. Sahu	Mech-A	Director's Office	Non-Matric	N.A	31.10.2023
52.	Mr. Krishna Kant Chakarborty	Mech-B	Workshop	I. Sc ITI	Magadh University	30.11.2015
53.	Mr. Satydeo Singh	Mech-C	Vehicle Section	Non-Matric	B.S.E... Board Patna	31.08.2025
54.	Mr. Ravindra Prasad	Mech-C	Dept. of Mechanical	HSC	B.S.E... Board Patna	28.02.2027
55.	Mr. Sanjeev Kumar	Mech-C	Dept. of Electrical	I. Sc	B.I.E C, Patna	30.04.2033
56.	Mr. Gupteshwar Prasad	Mech-C	Workshop	Matric ITI	B.I.E.C. Patna	30.06.2027
57.	Mr. Sanjay Kumar	Mech-C	Estate Section	I.A, ITI	B.I.E.C. Ranchi	31.01.2037
58.	Mr. Prasant Kr. Mal	Mech-C	EMR	I.A.	B.I.E.C, Patna	30.06.2033

List of supporting staff as on 31.03.2012

Sl. No.	Name of the employees	Designation	Department /Section	Highest Qualification	Institute/ University	Date of retirement
1.	Mr. Manoj Kumar Jha	Supporting Staff	Director's Office	I.Sc	Bihar Intermediate Educational Council, Patna	30.06.2037
2.	Mr. Nitish Das	Supporting Staff	Director's Office	Matric	BSS, Examination, Board ,Patna	28.02.2033
3.	Mr. Jouhari Sahni	Supporting Staff	Director's Office	Illiterate	NA	31.05.2026
4.	Mr. Charan Gorai	Supporting Staff	Director's Office	Literate	NA	30.09.2035
5.	Mr. Bhashkar Pradhan	Supporting Staff	Director's Office	Literate	NA	31.12.2033
6.	Mr. Jai Prakash Gupta (Retired)	Supporting Staff	EMR Section	B.Com	Ranchi University,	31.12.2012
7.	Mr. Bankey Mishra	Supporting Staff	EMR Section	Non-Matric	NA	31.05.2025
8.	Mr. Giri Pradhan	Supporting Staff	EMR Section	Literate	NA	28.02.2031
9.	Mr. Suresh Prasad	Supporting Staff	EMR Section	Literate	NA	31.03.2036
10.	Mr. Mahindra Nath Kaibarta	Supporting Staff	EMR Section	Literate	NA	30.09.2018
11.	Mr. Bhola Prasad	Supporting Staff	EMR Section	Madhyama	Bihar Sanskrit Education ,Board, Patna	28.02.2021
12.	Mr. Bideshi Mukhi -I	Supporting Staff	EMR Section	Literate	NA	31.05.2029
13.	Mr. Sumitra Pradhan	Supporting Staff	Computer Sc. & Engineering	I.A	Bihar Intermediate Educational Council, Patna	31.07.2033
14.	Mr. Radha Nath Mahato	Supporting Staff	Computer Sc. & Engineering	Literate	NA	30.06.2015
15.	Ms. Padmawati Devi	Supporting Staff	Computer Sc. & Engineering	Illiterate	NA	31.05.2016
16.	Mr. Ram Awadh Ram	Supporting Staff	Assistant Proctor Office	Literate	NA	30.09.2025
17.	Mr. Fantu	Supporting Staff	TSG Section	Illiterate	NA	31.05.2030
18.	Mr. Buchu Jha	Supporting Staff	A.E. Section	Non-Matric	NA	30.09.2022
19.	Mr. Mohan Ram Mahato	Supporting Staff	Registrar Office	Literate	NA	31.10.2020
20.	Mr. Kashi Prasad	Supporting Staff	Workshop	Literate	NA	31.10.2019
21.	Mr. Man Mashi Ekka (Expired)	Supporting Staff	Workshop	Literate	NA	31.12.2023
22.	Mr. Dilip Kumar Mahali	Supporting Staff	Workshop	Non-Matric	NA	30.09.2024
23.	Mr. Rajendra Rajak	Supporting Staff	Workshop	Literate	NA	31.03.2023
24.	Mr. Rajesh Kumar	Supporting Staff	Workshop	Literate	NA	31.03.2026
25.	Ms. Bistu Devi, Expired	Supporting Staff	Workshop	Illiterate	NA	31.10.2012
26.	Mr. Shyam Sunder Sahu	Supporting Staff	Guest House	Matric	Jharkhand Academic, Council, Ranchi	31.05.2030
27.	Mr. Basant Mukhi	Supporting Staff	Guest House	Illiterate	NA	30.04.2028
28.	Mr. Kama Kant Das	Supporting Staff	Guest House	Illiterate	NA	31.05.2027
29.	Mr. Raghu Nath Mukhi	Supporting Staff	T & P	Literate	NA	31.08.2026
30.	Mr. Shristidhar Mahato	Supporting Staff	Academic Section	Non-Matric	NA	28.02.2020
31.	Mr. Ruhi Manjhi	Supporting Staff	Academic Section	Non-Matric	NA	31.07.2041
32.	Mr. Anukul Kumhar	Supporting Staff	Academic Section	Matric	BSS, Examination, Board ,Patna	30.04.1918

Sl. No.	Name of the employees	Designation	Department /Section	Highest Qualification	Institute/ University	Date of retirement
33.	Mr. Dharmendra Mardi	Supporting Staff	Academic Section	I.Com	Bihar Intermediate Educational Council, Patna	31.05.2035
34.	Mr. Sandeep Kumar	Supporting Staff	Accounts Section	BPP	IGNO	31.01.2032
35.	Ms. Chanchala Pradhan	Supporting Staff	Accounts Section	IIIiterate	NA	30.11.2020
36.	Mr. Vijay Pratap Mahato	Supporting Staff	Accounts Section	B.Com	Ranchi university, Ranchi	31.10.2038
37.	Mr. Vishal Kumar	Supporting Staff	Accounts Section	B.A	Ranchi university, Ranchi	31.05.2040
38.	Mr. Manohar Sardar	Supporting Staff	Accounts Section	Literate	NA	31.08.2013
39.	Mr. Gopal Chandra Das	Supporting Staff	Prod. & Indl. Engineering	Literate	NA	31.05.2022
40.	Mr. Pulin Kumar Dutta	Supporting Staff	Prod. & Indl Engineering	Literate	NA	31.08.2024
41.	Mr. Anup Kumar Mahato	Supporting Staff	Electro. & Comm. Engg.	B.A	Ranchi University , Ranchi	31.08.2035
42.	Mr. Hira Lal Mohanty	Supporting Staff	Mechanical Engineering.	Literate	NA	31.01.2015
43.	Mr. Suresh Pradhan	Supporting Staff	Mechanical Engineering	Literate	NA	31.10.2033
44.	Mr. Damu Tiu	Supporting Staff	Civil Engineering	Literate	NA	31.07.2023
45.	Mr. Ranglal Mahato	Supporting Staff	Civil Engineering	Literate	NA	28.02.2023
46.	Mr. Sugga Devi	Supporting Staff	Civil Engineering	Illiterate	NA	31.08.2024
47.	Mr. Kamlesh Das	Supporting Staff	Central Library	Matric	BSS, Examination, Board ,Patna	30.06.2019
48.	Mr. Mani Lal Yadav	Supporting Staff	Central Library	Literate	NA	28.02.2023
49.	Mr. Deo Narayan Mahato, (Expired)	Supporting Staff	Central Library	I.A	Bihar Intermediate Educational council, Patna	31.08.2027
50.	Ms. Sunaina Devi	Supporting Staff	Central Library	Illiterate	NA	31.05.2021
51.	Mr. Ravi Mahato	Supporting Staff	Central Library	Literate	NA	28.02.2027
52.	Mr. Krishna Rajak	Supporting Staff	Electrical Engineering	Non-Matric	NA	30.11.2023
53.	Mr. Shyam Sunder Mandal	Supporting Staff	Electrical Engineering	Non-Matric	NA	30.11.2023
54.	Mr. Bir Prasad Mukhi	Supporting Staff	Mathematics Department	Literate	NA	31.10.2030
55.	Mr. Gopi Pradhan	Supporting Staff	Physics Department	Literate	NA	31.07.2018
56.	Mr. Sachini Devi	Supporting Staff	Chemistry Department	Literate	NA	30.09.2026
57.	Mr. Kandarp Das. Goswami	Supporting Staff	DCA	Literate	NA	31.08.2013
58.	Mr. Anand Pradhan	Supporting Staff	DCA	Literate	NA	31.03.2028
59.	Mr. Kalu Nayak	Supporting Staff	Telephone Section	Literate	NA	31.05.2032
60.	Mr. Nagen Poira, (Retired)	Supporting Staff	Establishment Section	Literate	NA	31.08.2011
61.	Mr. Panda Pradhan	Supporting Staff	Establishment Section	Literate	NA	30.04.2017

Sl. No.	Name of the employees	Designation	Department /Section	Highest Qualification	Institute/ University	Date of retirement
62.	Ms. Alis Kujur	Supporting Staff	Establishment Section	Non-Matric	NA	30.09.2015
63.	Mr. Chhote Lal Soren	Supporting Staff	Establishment Section	Matric	BSS, Examination, Board ,Patna	31.05.2038
64.	Mr. Bidya Sagar Gupta	Supporting Staff	Establishment Section	Matric and ITI	BSS, Examination. Board ,Patna	31.01.2022
65.	Mr. Triloki Singh, (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2011
66.	Mr. Sakhi Chand Mahto (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2012
67.	Mr. Suresh Mukhi (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2011
68.	Mr. Gora Chand Mahato (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2011
69.	Mr. Karmu Mahato (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2011
70.	Mr. Ugrasen Mukhi (Retired)	Supporting Staff	Estate Section	Literate	NA	31.08.2011
71.	Mr. Haldhar Sardar	Supporting Staff	Estate Section	Literate	NA	30.09.2034
72.	Mr. Harkhu Macchua	Supporting Staff	Estate Section	Literate	NA	31.08.2021
73.	Mr. Aditya Satpathy	Supporting Staff	Estate Section	Matric	BSS, Examination , Board, Patna	31.10.2022
74.	Mr. Matbar Sardar	Supporting Staff	Estate Section	Literate	NA	31.05.2029
75.	Mr. Shankar Pradhan	Supporting Staff	Estate Section	Literate	NA	31.08.2034
76.	Mr. Awadhesh Rajak	Supporting Staff	Estate Section	Literate	NA	31.12.2039
77.	Mr. Tapan Mahato	Supporting Staff	Estate Section	Illiterate	NA	31.12.2031
78.	Mr. Bimal Gour	Supporting Staff	Estate Section	Literate	NA	31.12.2034
79.	Mr. Biram Manjhi	Supporting Staff	Estate Section	Illiterate	NA	30.04.2028
80.	Mr. Janmejay Sardar	Supporting Staff	Estate Section	Literate	NA	31.10.2035
81.	Mr. Bihari Mukhi	Supporting Staff	Estate Section	Literate	NA	31.05.2025
82.	Mr. Mihir Chand Pradhan	Supporting Staff	Estate Section	Literate	NA	31.05.2027
83.	Mr. Jitendra Sardar	Supporting Staff	Estate Section	Literate	NA	31.05.2020
84.	Mr. Mathura Sardar	Supporting Staff	Estate Section	Literate	NA	31.08.2031
85.	Mr. Subhash Mukhi	Supporting Staff	Estate Section	Literate	NA	30.04.2021
86.	Mr. Raimani Mukhi	Supporting Staff	Estate Section	Illiterate	NA	30.09.2020
87.	Ms. Devi Mukhi	Supporting Staff	Estate Section	Illiterate	NA	30.09.2032
88.	Mr. Hagru Mukhi	Supporting Staff	Estate Section	Illiterate	NA	31.10.2031
89.	Mr. Gurwa Mukhi	Supporting Staff	Estate Section	Illiterate	NA	31.12.2039
90.	Mr. Bishambhar Mukhi	Supporting Staff	Estate Section	Literate	NA	31.05.2025
91.	Mr. Parmath Mukhi	Supporting Staff	Estate Section	Literate	NA	30.04.2031
92.	Mr. Murli Mahato	Supporting Staff	Estate Section	Illiterate	NA	31.12.2036
93.	Mr. Krishna Mukhi	Supporting Staff	Estate Section	Literate	NA	31.10.2026
94.	Mr. Suraj Kumar	Supporting Staff	Estate Section	Literate	NA	30.09.2030
95.	Mr. Sunil Gour	Supporting Staff	Estate Section	Literate	NA	31.12.2033
96.	Mr. Rabindra Kumar Jha	Supporting Staff	Estate Section	Literate	NA	31.12.2040
97.	Mr. Lakshman Kumar Singh,	Supporting Staff	Vehicle Section	Matric	BSS, Examination, Board ,Patna	31.10.2030
98.	Mr. Bahadur Mahato	Supporting Staff	Vehicle Section	Literate	NA	31.05.2035
99.	Mr. Chandra Mohan Mukhi	Supporting Staff	Vehicle Section	Literate	NA	30.06.2040
100.	Mr. Santosh Sardar	Supporting Staff	Horticulture	Literate	NA	31.05.2030
101.	Mr. Trilochan Pradhan	Supporting Staff	Dean (SW)	Literate	NA	31.05.2018
102.	Mr. Priya Brata Paswan	Supporting Staff	Met. & Mat. Engg.	Matric	BSS, Examination, Board ,Patna	30.09.2013

Sl. No.	Name of the employees	Designation	Department /Section	Highest Qualification	Institute/ University	Date of retirement
103.	Mr. Dina Nath Prasad	Supporting Staff	Met. & Mat. Engg.	Madhyama	Bihar Sanskrit Education ,Board, Patna	31.01.2021
104.	Mr. Parmeshwar Mahato	Supporting Staff	Met. & Mat. Engg.	Matric	BSS, Examination, Board ,Patna	31.12.2016
105.	Mr. Kameshwar Ray	Supporting Staff	Met. & Mat. Engg.	Literate	NA	31.12.2032
106.	Mr. Binodh Kumar Satpathy	Supporting Staff	Computer Centre	B.A	IGNO	30.04.2022
107.	Mr. Madhu Sudan pati	Supporting Staff	Computer Centre	Matric	BSS, Examination, Board, Patna	28.02.2021
108.	Mr. Manbodh Kumar Dash	Supporting Staff	Computer Centre	M.Lib.	Sagar University , M.P	30.04.2014
109.	Mr. Babloo Sardar	Supporting Staff	Computer Centre	Literate	NA	31.08.2033
110.	Mr. Makhan Lal	Supporting Staff	Computer Centre	Literate	NA	30.04.2028
111.	Mr. Aditya Mahali	Supporting Staff	Computer Centre	Literate	NA	31.10.2035
112.	Mr. Bideshi Mukhi-II	Supporting Staff	Computer Centre	Illiterate	NA	30.04.2030
113.	Mr. Mohan Mahto	Supporting Staff	Hostel-A	Literate	NA	30.06.2014
114.	Mr. Jai Singh Mukhi	Supporting Staff	Hostel-A	Literate	NA	30.06.2014
115.	Mr. Ful Chand Mukhi	Supporting Staff	Hostel-A	Literate	NA	30.06.2014
116.	Mr. Pahar Singh	Supporting Staff	Hostel-B	Literate	NA	28.02.2019
117.	Mr. Jyoti Lal Singh	Supporting Staff	Hostel-B	Matric	Jharkhand Academic, Council, Ranchi	31.08.2029
118.	Mr. Mahesh Mukhi	Supporting Staff	Hostel-B	Literate	NA	30.09.2035
119.	Mr. Johar Mukhi	Supporting Staff	Hostel-C	Illiterate	NA	31.10.2030
120.	Mr. Bhola Prasad Yadav	Supporting Staff	Hostel-C	Matric	BSS, Examination, Board ,Patna	31.07.2026
121.	Mr. Ravi MukhiII	Supporting Staff	Hostel-C	Literate	NA	31.05.2027
122.	Mr. Khokha Ram Mahato	Supporting Staff	Hostel-D	Literate	NA	30.09.2030.
123.	Mr. Mangal Mukhi	Supporting Staff	Hostel-D	Literate	NA	30.04.2024
124.	Mr. Devendra Mahato	Supporting Staff	Hostel-D	Literate	NA	31.05.2018
125.	Mr. Basu Gour	Supporting Staff	Hostel-E	Literate	NA	31.10.2030
126.	Mr. Ravi Mukhi -1,	Supporting Staff	Hostel-E	Illiterate	NA	31.05.2034
127.	Mr. Arjun Mukhi	Supporting Staff	Hostel-F	Literate	NA	31.07.2026
128.	Mr. Sadashiv Mukhi	Supporting Staff	Hostel-F	Literate	NA	30.04.2024
129.	Mr. Kisto Manjhi	Supporting Staff	Hostel-F	Literate	NA	31.05.2029
130.	Mr. Ramesh Ram	Supporting Staff	Hostel-G	Literate	NA	31.05.2026
131.	Mr. Sita Ram Mukhi	Supporting Staff	Hostel-G	Literate	NA	28.02.2021
132.	Mr. Dayamay Prajapati	Supporting Staff	Hostel-H	Literate	NA	31.08.2026
133.	Mr. Ramesh Mukhi	Supporting Staff	Hostel-H	Literate	NA	30.04.2025
134.	Mr. Lal Mohar Singh	Supporting Staff	Hostel-I	Literate	NA	30.09.2020
135.	Mr. Sarbeshwar Mukhi	Supporting Staff	Hostel-I	Literate	NA	31.12.2036
136.	Ms. Kanchan Devi	Supporting Staff	Girls Hostel (BRA)	Literate	NA	30.09.2025
137.	Ms. Saraswati Mukhi	Supporting Staff	Girls Hostel(BRA)	Illiterate	NA	30.04.2030
138.	Mr. Hem Sagar Gope	Supporting Staff	Girls Hostel(BRA)	Literate	NA	31.05.2022
139.	Mr. Moti Lal Gour	Supporting Staff	Girls Hostel (BRA)	Literate	NA	31.10.2028
140.	Mr. Belmati Devi	Supporting Staff	Girls Hostel	Illiterate	NA	31.05.2015

Sl. No.	Name of the employees	Designation	Department /Section	Highest Qualification	Institute/ University	Date of retirement
			(RLB)			
141.	Mr. Ganesh Shrestha	Supporting Staff	Girls Hostel(RLB)	Matric	BSS, Examination, Board ,Patna	31.01.2038
142.	Mr. Shanti Mukhi	Supporting Staff	Girls Hostel(RLB)	IIIiterate	NA	30.09.2029
143.	Mr. Akhil Pradhan	Supporting Staff	Girls Hostel (RLB)	IIIiterate	NA	31.05.2025
144.	Mr. Gopal Murmu	Supporting Staff	Chief warden Office	Illiterate	NA	31.12.2023
145.	Mr. Paresh Chandra Mahto (Expired)	Supporting Staff	Medical Section	Literate	NA	31.12.2019
146.	Mr. Nagen Mahato (Retired)	Supporting Staff	Medical Section	IIIiterate	NA	31.08.2012

DETAILS OF PLINTH AREA OF BUILDINGS IN THE CAMPUS

Sl. No.	Description of Buildings	Unit	Plinth Area (Sq.Ft.)
A	Administrative Building Closed Verandah & Record Room Extension of lib. Room for Book - B Extension of A. D. Building		30,506.00 3,070.00 820.00 678.00 1,037.00
		Total (A)	36,111.00
B	Library Building	Total (B)	32,184.00
C	Instructional Building Class room 1 to 4 Lab. Building 6 nos. = 10,240.00 Met. Block 03+Chem. Block 03 = $6 \times 10,240$ = 61,440.00 Connecting passage 2 nos. = 887.00 Lab. Bldg. N. Wing & S. Wing 29601 + 24326 = 53,927.00 Sub Total = 1,16,254.00 Work shop 02 Nos 74,546.00 Black smith shop 4,944.00 Gas house & Pump house 336.00 Canteen Building 3,486.00 Co-operative Building 600.00 Central store & garrage 10,825.00 Sub Total = 94,737.00 Computer Centre, GF + FF (19000 + 19000) 38,000.00		52,900.00 1,16,254.00 94,737.00 38,000.00 Total (C) 3,01,891.00
D	HOSTEL BUILDINGS Hostel – A, B, C, D, E, F & G = 7 Nos Single Seated UG Boys Hostel 90 Seated Girl Hostel (1) 90 Seated PG Hostel (2) 300 Single Seated Boys hostel		2,19,634.00 30,000.00 21,500.00 21,500.00 75,219.00 Total (D) 3,67,853.00

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

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**NATIONAL INSTITUTE
OF TECHNOLOGY
JAMSHEDPUR
831 014**



**AUDITED
ANNUAL ACCOUNT
FOR THE
YEAR 2011-2012**

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

No. OAD-C-SAR- NIT -2011-12/ 374

Dated 18/11/2013

To,

The Director

Institute of Technology, Jamshedpur

Subject: Separate Audit Report and Audit Certificate on the accounts of National Institute of Technology, Jamshedpur for the year 2011-12

Sir,

I am to enclose a copy of Audit Report and Audit Certificate along with audited Annual Accounts of National Institute of Technology, Jamshedpur for the year 2011-12 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 National Institute of Technology, 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 Hindi version of this SAR may kindly be furnished to this office at the earliest.
6. The receipt of this letter with enclosures may please be acknowledged.

Yours faithfully,

Encl: - As above


Principal Director of Audit (Central),
Lucknow

**Separate Audit Report of the Comptroller & Auditor General of India
on account of National Institute of Technology, Jamshedpur for the year
ended 31 March'2012**

We have audited the attached Balance Sheet of National Institute of Technology, Jamshedpur (Institute) as on 31 March 2012, Income & Expenditure Account and 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, Income & Expenditure Account and 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 Institutes of Technology Act, 2007 in so far as it appears from our examination of such books.
- iv. We further report that:

A. Balance Sheet**1.1 Liabilities****(i) Capital Fund Rs 989.57 lakh.**

This includes excess of Income over expenditure which as per Common Format of Account , should have been shown under schedule -1(Corpus/ Capital fund). This resulted in understatement of Current Liabilities to the extent of Rs 989.57 lakh.

(ii) Current Liabilities by Rs 0.88 lakh

The Institute had Shown Rs.3, 63,177 in the Annual Accounts under the head Training& Placement and Alumni (Schedule-3d Sundry Deposit) instead of Rs 4,51,012 given in the Ledger. This needs reconciliation.

(iii) Understatement of Liabilities by Rs 84.64 lakh

Cheques for Rs 84.64 lakh issued by the Institute between March 2002 and March 2012 but not encashed became time-barred and as such the liability to the extent of Rs 84.64 lakh remained undisposed. This resulted in understatement of cash and bank balance as well as Liability to that extent.

(iv) Fixed Assets (schedule-4): Rs 7483.71 lakh

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

(v) Current Assets by Rs 29.24 lakh

The Institute earned Rs 29, 24,308 interest accrued but not due during the year 2011-12. But the same amount was not accounted for as Current Assets (Schedule-5A-xvii), This resulted in understatement of Current Assets as well as Income by Rs 29.24 lakh..

(vi) Understatement of Assets by Rs 3.79 lakh

The Institute had shown receipts of Rs.49, 16,969 under the head Recovery of other Advances (Schedule-H) in the Annual Account instead of Rs.52, 96,160 (ledger P/1610).This requires reconciliation.

(vii) Overstatement of Current Liabilities by Rs 4.54 lakh

The Institute had Shown receipts Rs 1, 80, 13,033 under the head Provision of non plan during the year (Schedule-3-(B) instead of Rs. 1, 75, 59,364. This needs reconciliation.

(viii) Understatement of Current Assets by Rs 51.87 lakh

The Institute had Shown Rs.6, 40, 38,021 under the head G.P.F (Schedule-5A-xiv) instead of Rs.6, 92, 24,711. This needs reconciliation

B. INCOME AND EXPENDITURE ACCOUNT**(i) Understatement of Income- Rs 124.60 lakh**

Institute earned income to the tune of Rs 124.60 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 124.60 lakh.

(ii) Overstatement of Expenditure under Income and Expenditure Account by Rs 0.63 lakh

The Institute had Shown expenditure Rs.63, 275 in the Annual Accounts under the head NIMCET (Schedule-3d) but the same was shown Rs. Nil in the ledger at page/1451. This needs reconciliation.

iii) Overstatement of payment by Rs 9.59 lakh

The Institute had Shown Rs 78, 06,255 in the Annual Accounts under the head Retirement Benefit (Schedule-J) under sub head Gratuity but the same was shown Rs 68, 47,533 in the ledger at page/1223. This needs reconciliation

C. RECEIPT AND PAYMENT ACCOUNT**(i) Understatement of payment under Receipt and Payment Account by Rs 6.05 lakh**

The Institute had Shown Rs.20, 03,261 in the Annual Accounts under the head children education /other allowance (Schedule-I) but the same was shown Rs.26, 08,598 in the ledger at page/1651. This needs reconciliation.

(ii) Understatement of payment under Receipt and Payment Account by Rs1.12 lakh

The Institute had Shown Rs 18,05,893 in the Annual Accounts under the head Miscellaneous(Schedule-Q)but the same was shown Rs.19,18,068 in the ledger at page/1544. This needs reconciliation

(iii) Understatement of payment under Receipt and Payment Account by Rs 0.83 lakh

The Institute had Shown Rs 4, 53,801 in the Annual Accounts under the head Departmental Operating Expenses but the same was shown Rs5, 36,321 in the ledger. This needs reconciliation

(iv) Understatement of payment under Receipt and Payment Account by Rs2.48 lakh

The Institute had Shown Rs.5, 50,241 in the Annual Accounts under the head Administrative Expenses (Schedule-Q) instead of Rs 7, 79,891 shown in Ledger. This needs reconciliation.

(v) Understatement of payment under Receipt and Payment Account by Rs 6.72 lakh

The Institute had shown Rs 44,30,071 in payment side under the head house-keeping maintenance instead of Rs 51,02,115/- (Schedule-O Annual Accounts page no-36) due to totaling mistake. So that there was understatement of payment by Rs 6, 72,044/-

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

The NIT was required to adopt the Uniform format of accounts prescribed by the Government of India, Ministry of Finance but the Institute had adopted the same partially.

(ii) Non-adherence to pattern of Investment (Schedule-12) Rs 640.38 lakh

The Institute did not follow the pattern of investment as prescribed by Ministry of Finance, Government of India .Notification dated 14.08.2008in 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 grant-in-aid of Rs 4754.66 lakh (unspent balance of Plan grant of previous year Rs 1088.45 lakh , grant received from Govt of India during the year Rs 500.00 lakh under Plan grant, unspent balance of Non Plan grant of previous year Rs 65.76 lakh, Institute income during the year Rs 1081.00 lakh , grant received from Govt of India during the year Rs1500.00 under Non Plan and OSC grant of previous year Rs 519.44 lakh)received during the year, the organization could utilized a sum of Rs 2520.47 lakh(Non Plan Rs 2515.89 lakh and Plan grant Rs 4.58 lakh) and leaving a balance of Rs 2234.19 lakh (Plan grant Rs 1583.87 lakh ,OSC grant Rs 519.44 lakh and Non Plan Rs 130.88 lakh) as unutilized grant as on 31 March'2012.

MANAGEMENT LETTER

Deficiencies which have not been included in the Audit Report have been brought to the notice of the 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 and 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 I to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:
 - a. In so far as it relates to the Balance Sheet of the state of affairs of the National Institute of Technology, Jamshedpur as on 31 March 2012, 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

Place: Lucknow

Date: 16.01.2013

Principal Director of Audit (Central), Lucknow

Annexure- I to Audit Report

- 1. Adequacy of Internal Audit System:** No Internal Audit System exists in the Institute.
- 2. Adequacy of Internal Control System:**
 - (i) The Institute has no accounting, internal audit and office procedure manual of its own. Duties of staff/officers of the Institute, procedure for maintaining of accounts/ records and its applications were not defined.
 - (ii) No procedure for rotating duties of employees dealing with cash, valuables, stores and stock has been established.
 - (iii) There is no Investment Committee in the Institute.
 - (iv) No separate bank accounts were opened for Scheme and other grants and interest earned during the year were not credited to Scheme heads.
 - (v) Periodical verifications of Cash Balances were not done.
 - (vi) 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.
- 3. System of physical verification of Fixed Assets:** The Institute did not carry out physical verification of Fixed Assets..
- 4. System of Physical verification of Inventory:** The Institute did not carry out physical verification of Stock and Stores.
- 5. Regularities in payment of statutory dues-** The Institute was regular in making the payment of statutory dues within the stipulated time schedule.



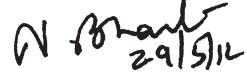
**Dy Director of Audit (Central), Lucknow
Branch at Ranchi**

FORM OF FINANCIAL STATEMENT (NON –PROFIT ORGANISATION)
BALANCE SHEET AS AT 31ST MARCH, 2012

(Amount - Rs.)			
CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year (2011-2012)	Previous Year (2010-2011)
CORPUS/ CAPITAL FUND	1	2,84,80,178.79	2,60,31,116.79
GRANTS/LOAN	2	93,43,19,821.92	88,48,32,275.92
CURRENT LIABILITIES AND PROVISIONS			
A. CURRENT LIABILITIES	3	50,86,83,899.99	45,87,29,153.66
B. PROVISION		5,83,20,445.00	4,12,93,696.00
TOTAL		1,52,98,04,345.70	1,41,08,86,242.37
ASSET			
FIXED ASSETS	4	74,83,70,932.49	74,80,86,802.49
CURRENT ASSETS, LOAN, ADVANCES ETC.	5	70,11,68,383.91	58,59,17,540.58
A. CURRENT ASSETS			
B. LOANS, ADVANCES & OTHER ASSETS		8,02,65,029.30	7,68,81,899.30
TOTAL		1,52,98,04,345.70	1,41,08,86,242.37
SIGNIFICANT ACCOUNTING POLICIES	14		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	15		



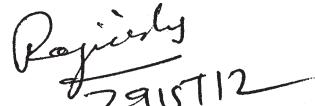
Accountant



Dy. Registrar (Accounts)



Registrar



Director

FORM OF FINANCIAL STATEMENT (NON –PROFIT ORGANISATIONS)**INCOME AND EXPENDITURE ACCOUNT****FOR THE PERIOD / YEAR ENDED - 31-03-2012**

(A) INCOME	SCHEDULE	Current Year (2011-2012)	Previous Year (2010-2011)
<u>Grant/Subsidies</u>			
Non – Plan grant	6	15,00,00,000.00	15,00,00,000.00
Fees & subscription	7	9,37,82,895.00	6,55,49,344.00
Interest earned	8	1,19,39,199.00	96,56,668.00
Misc income	9	23,78,034.00	36,56,450.00
Total(A)		25,81,00,128.00	22,88,62,462.00
<u>(B) Expenditure</u>			
Establishment expenses	10	20,72,42,026.00	20,43,64,266.00
Other administrative expenses	11	3,63,93,032.00	4,30,86,950.00
Expenditure on grants subsidies etc.	12	36,00,000.00	36,00,000.00
Add expenditure of march(prov.) over past year	13	43,53,877.00	1,36,59,156.00
Total(B)		25,15,88,935.00	26,47,10,372.00
Excess of income over expenditure Add Interest for Past year	A-B	65,11,193.00	(-) 3,58,47,910.00
transfer to balance sheet			
Significant accounting policies	14		
Contingent liabilities and Notes on accounts	15		

Accountant

Dy. Registrar (Accounts)

Registrar

Director

BALANCE SHEET AS ON 31ST MARCH, 2012

PARTICULARS	SCHEDULE	Current Year (2011-2012)	Previous Year (2010-2011)
Schedule – 1			
<u>Corpus/Capital fund</u>	1		
(A) Corpus Fund		59,59,546.69	50,61,255.69
(B) Staff Development Fund		18,29,782.00	17,61,616.00
(C) Maintenance fund		7,03,388.00	6,77,184.00
(D) Depreciation fund		7,03,389.00	6,77,185.00
(E) Institute Dev. Fund		1,92,84,073.10	1,78,53,876.10
Total		2,84,80,178.79	2,60,31,116.79

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		46,10,30,223.40	46,04,22,639.40
(C) Govt. Loan		48,96,407.00	48,96,407.00
(D) Refundable to Govt.		15,46,30,494.10	10,53,88,078.10
(E) Scheme grant (-) 5,15,842.00		6,11,83,042.66	6,11,83,042.66
(F) Other project		4,11,33,434.28	4,14,95,888.28
(G) Research grant		98,520.48	98,520.48
Total		93,43,19,821.92	88,48,32,275.92

Schedule – 3

(A) Current Liabilities			
(a) Interest accrued on govt, loan	3.1	7,89,883.50	7,89,883.50
(b) Outside scholarship		1,22,29,361.56	44,72,458.56
(c) Collection from students & others		11,99,33,527.28	10,52,81,959.28
(d) Sundry deposits		8,10,05,018.31	6,27,37,414.31
(e) Balance on GPF A/Cs		6,40,38,021.00	6,40,38,021.00
(f) Balance on CGI A/Cs		34,34,558.00	36,78,165.00
(g) Balance on outside A/Cs		2,79,96,252.24	2,63,59,156.10
(h) Balance on TEQIP fund		10,03,00,730.19	8,02,48,768.00
(i) Excess of Income on –expenditure		9,89,56,546.91	9,24,45,353.91
(j) Interest of TEQIP Fund			1,86,77,974.00
Total (A)		50,86,83,899.99	45,87,29,153.66
(B) Provision			
a) Plan fund (As per year)	4,07,61,081.00		
b) Non -Plan Fund (During the year)	1,75,59,364.00	5,83,20,445.00	4,12,93,696.00
Total (B)			4,12,93,696.00

Accountant

Dy. Registrar (Accounts)

Registrar

Director

FORM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)**BALANCE SHEET AS AT 31ST MARCH, 2012**

(Amount - Rs.)

	Current Year (2011-2012)		Previous Year (2010-2011)	
SCHEDULE - 4				
A. Freehold land	21,13,47,700.00		21,13,47,700.00	
B. Out of plan grant	34,26,33,528.67		34,23,49,398.67	
C. Out of scheme grant	7,31,02,938.42		7,31,02,938.42	
D. Out of other project	3,49,06,214.40		3,49,06,214.40	
E. OSC Grant	41,14,777.00	66,61,05,158.40	41,14,777.00	66,58,21,028.49
E. Out of TEQIP account	8,01,26,075.00	8,01,26,075.00	8,01,26,075.00	8,01,26,075.00
F. Outside account				
1. PTPG account	1,93,407.60		1,93,407.60	
2. TSG account	1,86,273.00		1,86,273.00	
3. Univ. examination account	10,03,702.00		10,03,702.00	
4. Non-formal B.Sc. Engg. Account	1,94,477.40		1,94,477.40	
5. Short term course account	55,800.00		55,800.00	
6. Short term course containing computer education	2,41,871.00		2,41,871.00	
7. EDC/Mushroom	2,64,168.00	21,39,699.00	2,64,168.00	21,39,699.00
G. Payable towards fixed assets				
Total		74,83,70,932.49		74,80,86,802.49



Accountant

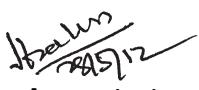


Dy. Registrar (Accounts)

(Amount - Rs.)

	Current Year (2011-2012)	Previous Year (2010-2011)
SCHEDULE - 5(A) Current Asset		
Bank balance with schedule bank		
i) On Current account	1,89,48,191.18	2,00,58,214.18
ii) On Saving account	23,19,66,586.06	23,33,77,254.56
iii) On debt & deposit account	1,49,47,570.25	1,45,15,588.25
iv) Non Plan Account	16,50,78,511.89	7,83,26,589.39
v) Project Grant	17,17,726.31	16,53,735.31
vi) Canara Bank	4,00,03,147.00	3,84,96,833.00
vii) On TEQIPaccount	2,01,74,655.19	1,22,693.00
viii) On outside account	2,58,56,553.24	2,42,19,457.10
ix) On corpus fund	59,59,546.69	50,61,255.69
x) On Institute Dev. fund	1,92,84,073.10	1,78,53,876.10
xi) On Staff Dev. fund	18,29,782.00	17,61,616.00
xii) On maintenance fund	7,03,388.00	6,77,184.00
xiii) On depreciation fund	7,03,389.00	6,77,185.00
xiv) On GPF account	6,40,38,021.00	6,40,38,021.00
xv) On group insurance	34,34,558.00	36,78,165.00
xvi) On fixed deposit	8,65,22,685.00	8,13,99,873.00
xvii) Interest accrued but not due		
Total (A)	70,11,68,383.91	58,59,17,540.58

5.(B) LOAN ADVANCES & OTHER ASSETS			
I.) Advances :-			
a.) out of Plan fund	5,34,18,988.79		5,33,33,988.79
b.) Out of Non – Plan fund	2,67,13,745.52		2,34,15,615.52
II. Claims receivable from Non-Plan revenue			
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
Total (B)	8,02,65,029.30		7,68,81,899.30



Accountant



Dy. Registrar (Accounts)

INCOME

SCHEDULE - 6	Current Year (2011-2012)		Previous Year (2010-2011)	
Grant Received from Govt . of India				
a) Non—Plan grant (Recurring)	15,00,00,000.00		15,00,00,000.00	
b) Plan	5,00,00,000.00			
c) O.S.C.Plan Grant (Non- Recurring)				
d) Non-Plan (Recurring)				
Total		20,00,00,000.00		15,00,00,000.00

SCHEDULE - 7

Fees & subscription				
Admission fee	2,78,205.00		6,10,600.00	
Tuition fee	7,71,95,400.00		5,10,34,800.00	
Seat rent	33,72,000.00		27,76,500.00	
Medical Aid	5,19,600.00		3,30,945.00	
Electricity	33,72,000.00		27,76,500.00	
Water	18,18,650.00		17,49,825.00	
Vehicle	19,46,480.00		16,87,080.00	
Syllabus etc.	5,75,490.00		76,899.00	
Practical Charge	2,700.00		4,23,380.00	
Registration fee	3,99,100.00		3,88,300.00	
Examination fee	27,16,300.00		25,30,600.00	
Grade card	4,11,000.00		4,32,300.00	
Library charge	7,34,150.00		6,74,675.00	
Convocation	4,22,000.00	9,37,82,895.00	56,940.00	6,55,49,344.00

SCHEDULE – 8

Interest earned				
Interest on S.B.A/c	83,80,689.00		86,30,365.00	
Interest on Non-Plan A/C	35,58,510.00	1,19,39,199.00	10,26,303.00	96,56,668.00

SCHEDULE – 9

Other misc income				
House rent Institute building	1,00,074.00		67,687.00	
Income from Guest House	499.00		425.00	
Bank Commission	1,76,433.00		1,55,963.00	
Revenue – Staff quarters	3,81,929.00		3,78,157.00	
Elec.charge staff qtrs	1,07,021.00		1,01,791.00	
Water Ch. Staff Qtrs	81,237.50		23,755.00	
Miscellaneous receipts	41,870.00		28,988.00	
Recovery of Bonus, Hill area from the employees	5,69,710.00		15,04,307.00	
Sale of Tender form	4,65,750.00		1,30,000.00	
Processing Charge	82,861.00		5,13,996.00	
Sale of application form	3,61,750.00		7,15,481.00	
Fine	8,900.00	23,78,034.50	35,900.00	36,56,450.00

Accountant

Dy. Registrar (Accounts)

EXPENDITURE

SCHEDULE - 10	Current Year (2011-2012)	Previous Year (2010-2011)
ESTABLISHMENT EXPENSES		
Pay and Allowances, Bonus, TA,	15,34,35,691.00	14,62,19,784.00
Retirement Benefits (Pension Gratuity) & Leave	5,06,43,563.00	5,40,78,542.00
Heath facilities	31,62,772.00	20,72,42,026.00
		40,65,940.00
		20,43,64,266.00

SCHEDULE - 11

ADMINISTRATIVE EXPENSES				
Scholarship & fellowship	39,99,627.00		34,16,666.00	
Departmental Operating cost	21,09,824.00		16,83,122.00	
Water and Electricity	1,58,95,939.00		1,48,67,571.00	
House Keeping and Maintenance	44,30,071.00		1,32,99,376.00	
Transport Service	8,54,977.00		4,73,325.00	
Convocation	-			
Other Misc expenses	91,02,594.00	3,63,93,032.00	93,46,890.00	4,30,86,950.00

SCHEDULE - 12

EXPENDITURE ON GRANTS SUBSIDIES				
Hall subsidy	36,00,000.00	36,00,000.00	36,00,000.00	36,00,000.00

SCHEDULE - 13 (A)

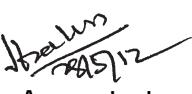
Provision	1,80,13,033.00		1,66,94,979.00	
Add last year provision	1,36,59,156.00	43,53,877.00	30,35,823.00	1,36,59,156.00

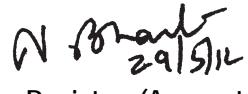
*Hasan
29/5/12*
Accountant

*N. Bhandarkar
29/5/12*
Dy. Registrar (Accounts)

SCHEDULE – 3 (B)

LIABILITIES & PROVISION (Non - Plan Grant)	Current Year (2011-2012)	Previous Year (2010-2011)
1. Salary for March (Faculty)	73,30,194.00	66,69,869.00
2. Salary for March (Non-Faculty)	41,04,005.00	38,66,739.00
3. Arrear of 10 retired employees	6,82,842.00	
4. Gratuity (two nos.)		8,65,995.00
5. Pension & Pension Commutation for March	29,50,784.00	30,87,355.00
6. Leave encashment		3,29,816.00
5. Electricity for March 07	13,19,181.00	12,35,583.00
6. Water Charge	1,94,267.00	85,942.00
7. Medical expenses – TMH Bill	5,40,333.00	3,39,228.00
8. House keeping (electrical maint)		
9. Contribution to New Pension Scheme	52,000.00	
10 Remuneration to contract staff		
11. Telephone	40,810.00	
12. A.M.C	82,725.00	
13. Stationery & printing		
14. C. P. D. A.	2,62,223.00	
15. PG Stipend	4,53,669.00	2,14,452.00
TOTAL	1,80,13,033.00	1,66,94,979.00
Less provision of 2009 -2010		30,35,823.00
Addition during the year 2010 -2011		1,36,59,156.00


Accountant


Dy. Registrar (Accounts)

SCHEDULE – 2.1:

CAPITAL GRANTS / LOAN

Sl.No.	Particulars	Current Year 2011-2012	up to 2010-2011	Total up to 2011-2012
(A)	Donated by Government			
	Land	21,13,47,700.00	21,13,47,700.00	21,13,47,700.00
	Total (A)	21,13,47,700.00	21,13,47,700.00	21,13,47,700.00

Plan Grant (B)

Sl.No.	Particulars	Current Year 2011-2012	up to 2010-2011	Total up to 2011-2012
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	4,95,50,000.00	41,79,285.00	5,37,29,258.00
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)	---	49,55,240.50	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	---	1,07,40,080.93	1,07,40,080.93
	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	---	NIL	NIL
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
			30,52,83,716.50	35,48,33,716.50

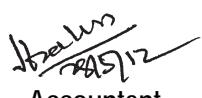
Sl.No.	Particulars	Current Year 2011-2012	up to 2010-2011	Total up to 2011-2012	
			30,52,83,716.50	35,48,33,716.50	
29	Civil & Allied Structure for 33KVA sub Station		54,73,000.00	54,73,000.00	
30	Civil & PHE Remodeling of Hostel		2,85,42,462.00	2,85,42,462.00	
31	Construction of 1 st floor of Computer Centre		1,29,70,000.00	1,29,70,000.00	
32	Construction of 3 rd floor of Administrative Building		25,75,000.00	25,75,000.00	
33	Construction of Boundary wall around Academic Complex		43,89,000.00	43,89,000.00	
34	Construction of new Staff Quarters		1,10,00,000.00	1,10,00,000.00	
35	Construction of Asphalt Road		1,51,19,000.00	1,51,19,000.00	
36	Remodeling of Guest House		55,00,000.00	55,00,000.00	
37	Boundary Wall Entire Campus		1,00,00,000.00	1,00,00,000.00	
38	11KVA Distribution System		40,00,000.00	40,00,000.00	
39	Modernization of Class Room		1,72,05,000.00	1,72,05,000.00	
40	Library Books		50,00,000.00	50,00,000.00	
41	Internet & other Communication Facilities		1,70,00,000.00	1,70,00,000.00	
42	Infrastructure Development		1,15,98,000.00	1,15,98,000.00	
43	Video on Demand		80,00,000.00	80,00,000.00	
44	Space for Utility Area in Hostel for STD/ISD		9,89,000.00	9,89,000.00	
45	Construction and Development of Play Ground		10,50,000.00	10,50,000.00	
46	Modernization of Existing 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		70,51,000.00	70,51,000.00	
50	Campus Greenery		12,64,698.00	12,64,698.00	
51	Renovation of Electrical Wiring Administration Building		37,37,511.00	37,37,511.00	
52	Electrical Renovation of Old Quarters		40,56,209.00	40,56,209.00	
53	Whole Campus Renovation		1,00,03,528.00	1,00,03,528.00	
54	NIT Transit House	4,50,000.00 (-) 1,50,000.00	3,00,000.00	(-) 1,50,000.00	1,50,000.00
55	Construction of Campus road		20,00,000.00	20,00,000.00	
56	Deep boring & improvement of water supply		10,00,000.00	10,00,000.00	
57	Under-ground cabling		50,00,000.00	50,00,000.00	
58	O.S.C Grant				
	a) Plan (Non- Recurring)		6,06,75,000.00	6,06,75,000.00	
	b) Non - Plan (Recurring)		33,75,000.00	33,75,000.00	
	TOTAL	4,98,50,000.00		62,05,57,124.50	

*Hasan
29/5/12*
Accountant

*N. Banerji
29/5/12*
Dy. Registrar (Accounts)

C : SCHEME GRANTS

Sl.No.	Particulars	Current Year 2011-2012	up to 2010-2011	Total up to 2011-2012
1.	Modernization of Laboratories	--	2,69,16,862.00	2,69,16,862.00
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		7,81,296.50	7,81,296.50
7.	Programme for New/Improve Technology		53,64,381.54	53,64,381.54
8.	Instrumentation Cell		1,75,000.00	1,75,000.00
9.	Research Centre on Piezo 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	—	—	—
13.	Modernization of Computer Centre	—	—	—
14.	E.M.D. Scheme for 2002-2003	—	—	—
15.	Modernization of Internet Facilities	—	—	—
16.	Study on Timber seasoning (M. K. Paswan)	—	—	—
17.	Establishing Centre for mobile computing (Sanjay Kumar)	—	—	—
18.	Modernisation of Power Electronics & Drives Lab. (Mrs. Madhu Singh)	—	—	—
	Total = (C)		6,11,83,042.66	6,11,83,042.66



Accountant



Dy. Registrar (Accounts)

D : OTHER SCHEME

Sl.No.	Particulars	Current Year 2011-2012	up to 2010-2011	Total up to 2011-2012
1	Center of Excellence Less Recurring Exp.	(-) 1,37,454.00	3,90,23,312.50	3,88,85,858.50
2.	TEQIP Grant Less Refund		—	
3.	Geology Project		47,224.78	47,224.78
4.	V.L.S.I		16,23,638.00	16,23,638.00
5.	TGAS Scheme	(-) 2,25,000.00	2,25,000.00	
6.	SERC (DST) Project 5,85,963.00 Less Rec. Exp (-) 9,250.00		5,76,713.00	5,76,713.00
Total= (D)			4,14,95,888.00	4,11,33,434.28

E: RESEARCH ACCOUNT

	Particulars			
	Closing balance as per last year account		98,520.48	98,520.48
	Total (E)		98,520.48	98,520.48
			4,15,94,408.76	



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

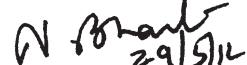
Particulars	Amount	Amount
Balance as per last year Account	44,72,458.56	
Receipt during the year 2011 - 12	2,40,15,756.00	
	2,84,88,214.56	
Less expenses during 2011 - 12		1,62,58,883.00
Closing Balance as on 31-03-2012		1,22,29,331.56

SCHEDULE – 3 (c): STUDENTS FUND AND OTHERS

i) HALL ACCOUNT		
Balance as per last year account	84,56,717.20	
Receipt during 2011 - 12	36,39,000.00	
	1,20,95,717.20	
Less expenses during 2011 - 12	29,558.00	
Closing Balance as on 31-03-2012		1,20,66,159.20
ii) GYMKHANA ACCOUNT / SAS ACCOUNT		
Balance as per last year account	64,41,067.25	
Receipt during 2011 - 12	21,22,960.00	
	85,64,027.25	
Less expenses during 2010 - 12	16,28,676.00	
Closing balance on 31.03.2012		69,35,351.25
iii) INSTITUTE DEVELOPMENT ACCOUNT		
Balance as per last year account	3,34,88,742.39	
Receipt during 2012 - 12	35,10,716.00	
	3,69,99,458.39	
Less expenses during 2012 - 12	2,25,019.00	
Closing balance on 31.03.2012		3,67,74,439.39
iv) INTEREST ON UNSPENT BALANCE		
Balance as per last year account	5,69,02,778.44	
Receipt during 2012 - 12	72,54,799.00	
	6,41,57,577.44	
Less Expenses during 2011 - 12	—	
Closing Balance on 31-03-2012		6,41,57,577.44
Total = (i to iv)		11,99,33,527.28



Accountant



Dy. Registrar (Accounts)

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

Particulars	Amount	Amount
i) CAUTION MONEY		
As per last year account	1,36,08,796.00	
Receipts during 2011-12	22,72,500.00	
Less Payments during 2011 - 12	1,58,81,296.00	
Closing balance on 31.03.2012	3,04,000.00	1,55,77,296.00
ii) GROUP INSURANCE		
As per last year account	46,691.46	
Receipts during 2011-12	4,08,727.00	
Less Payments during 2011-12	4,55,418.46	
Closing balance on 31.03.2012	4,44,848.00	10,570.46
iii) TRAINING AND PALACEMENT		
As per last year account	96,56,668.40	
Receipts during 2011-12	21,94,500.00	
Less Payments during 2011-12	1,18,51,168.40	
Closing balance on 31.03.2012	3,49,902.00	1,15,01,266.40
iv) COMPUTER MAINTENANCE		
As per last year account	64,02,222.00	
Receipts during 2011-12	27,81,500.00	
Less Payments during 2011-12	91,83,722.00	
Closing balance on 31.03.2012	4,06,870.00	87,76,852.00
v) TESTING AND CONSULTANCY		
As per last year account	13,07,694.02	
Receipts during 2011-12	27,23,433.50	
Less Payments during 2011-12	40,31,127.52	
Closing balance on 31.03.2012	26,40,925.00	13,90,202.52
vi) OTHER DEPOSIT		
As per last year account	3,32,27,260.99	
Receipts during 2011-12	3,56,76,498.00	
Less Payments during 2011-12	6,89,03,758.99	
Closing balance on 31.03.2012	3,71,04,178.50	3,17,99,580.49
		6,90,55,767.87

(Continued)

Particulars	B/F	6,90,55,767.87
vii) CONVOCATION-06. As per last Account Receipt during 2011-12 Less payment during 2011-12 Closing Balance as on 31-03-2012	4,29,370.00 — 4,29,370.00 —	 4,29,370=00
viii) ALUMNI ACCOUNT As per last Account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31-03-2012	21,53,469.44. 5,20,500.00 26,73,969.44 13,275.00	 26,60,694.44
ix) EARTH QUAKE As per last Account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31-03-2012	52,066.00 — 52,066.00 —	 52,066.00
x) SERVICE TAX As per last Account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31.03.2012	7,41,563.00 4,42,760.00 11,84,323.00 —	 11,84,323.00
xi) R.T.I. As per last account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31-03-12	3,001.00 632.00 3,633.00 —	 3,633.00
xii) JREDA As per last Account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31-03-2012	6,46,625.00 — 6,46,625.00 —	 6,46,625.00
xiii) NRRDA Ministry of Rural Dev. As last A/c Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31-03-2012	60,000.00 — 60,000.00 —	 60,000.00
xiv) STAFF DEV.FUND As per last account Receipt during 2011-12 Less payment during 2011-12 Closing balance as on 31.03.2012	7,63,698.00 6,02,103.00 13,65,801.00 —	 13,65,801.00
TOTAL (i to xi)		7,54,58,280.31

Particulars	B/F	
xv) DEPRECIATION FUND		7,54,58,280.31
As per last account	3,74,880.00	
Receipt during 2011-12	2,93,171.00	
Less payment during 2011-12	6,68,051.00	
Closing balance as on 31.03.12	—	6,68,051.00
xvi) MAINTENANCE FUND		
As per last Account	3,74,879.00	
Receipt during 2010-11	2,93,173.00	
Less Payment during 2010-11	6,68,052.00	
Closing balance as on 31-03-11	—	6,68,052.00
xvii) N.S.S.		
As per last Account	3,601.00	
Receipt during 2011-12	—	
Less payment during 2011-12	3,601.00	
Closing balance as on 31-03-12	—	3,601.00
xviii) NIMCET		
As per last Account	1,12,110.00	
Receipt during 2011-12	10,75,000.00	
Less payment during 2011-12	11,87,110.00	
Closing balance as on 31-03-12	63,275.00	11,23,835.00
xix) DASA		
As per last Account	27,72,820.00	
Receipt during 2011-12	3,60,380.00	
Less payment during 2011-12	31,33,200.00	
Closing balance as on 31-03-12	50,000.00	30,83,200.00
TOTAL (i to xix)		8,10,05,019.31

Particulars	Amount	Amount
INTEREST OF TEQIP FUND		
As per last year	1,86,77,974.00	
Add during the year	—	
Less payment during 2011-12	1,86,77,974.00	
Closing balance as on 31-03-12	—	1,86,77,974.00
TOTAL		1,86,77,974.00


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	86,70,466.89	1,93,407.60	84,77,059.29
2. TSG account closed and Balance transferred to SAS	9,18,962.00	1,86,273.00	7,32,689.00
3. Univ. examination account	57,77,520.66	10,03,702.00	47,73,818.66
4. Non-formal B.Sc. Engg. Account	1,12,81,965.40	1,94,477.40	1,10,87,488.00
5. Short term course account	1,48,851.00	55,800.00	93,051.00
6. Short term course containing computer education	3,52,291.68	2,41,871.00	1,10,420.68
7. EDC/Mushroom	4,26,709.61	2,64,168.00	1,62,541.61
Prabah A/c closed and Balance transferred to OSAS A/c	3,83,606.00	—	3,83,606.00
N.S.S	35,879.00	—	35,879.00
Total	2,79,96,252.24	21,39,699.00	2,58,56,553.24

SCHEDULE –3 (H)

TEQIP Account	10,03,00,730.19	8,01,26,075.00	2,01,74,655.19
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SCHEDULE –3 (I) Excess of Income over expenditure

Particulars		Total
As per Last Account	9,24,45,353.91	
Add During 2011 -12	65,11,193.00	9,89,56,546.91



Accountant



Dy. Registrar (Accounts)

SCHEDULE – 4.1 : Freehold Land

S.No.	Head of Accounts	Assets as per 2011-2012	Assets Up to 2010-2011	Total Assets up-to 2011-2012
1.	Freehold Land donated by Bihar Govt.		21,13,47,700.00	21,13,47,700.00
2.	Instructional Building (Out of Grants) Instructional Building 3rd Floor AD Building 1st Floor Computer Centre	5,72,31,636.53 3,18,753.00 99,20,225.00	NIL	6,75,31,829.53 6,75,31,829.53
3.	Staff Quarters & Guest House Staff Quarters & Guest House Remodeling of Guest House S. R. Renovation New Faculty Quarters	5,67,74,381.40 13,75,541.00 56,16,742.00 28,20,618.00	60,965.00	6,65,87,282.40 6,66,48,247.00
4.	Hostel Building Construction of Hostel Building Hostel Furniture & Building Utility Space of STE/ISD Remodeling in Hostel Phase II Modernization of Kitchen for all Hostel	6,86,97,602.64 43,78,454.12 7,56,054.00 2,54,22,438.73 1,000.00	NIL	9,92,55,549.49 9,92,55,549.49
5.	Canteen & Dispensary Amenities to Student & Staff Student & Staff Amenities	53,44,823.85 3,98,662.00	NIL	57,43,485.85 57,43,485.85
6.	Road Development of Land & Overhead line, Construction of Road, Boundry Wall etc. Construction of Asphalt Road	48,60,238.45 22,27,487.00	NIL	70,87,725.45 70,87,725.45
7.	Boundry Wall Construction of Boundary Wall Around Entire Campus and Slag Road Construction of Boundary Wall Academic Complex	10,67,669.00 10,13,841.00	NIL	20,81,510.00 20,81,510.00
8.	Play Ground Construction of Play Ground Development & Construction of Play Ground Development of Campus Green	70,000.00 3,29,553.00 2,64,538.00	NIL	6,64,091.00 6,64,091.00
9.	Modernisation of Class Room Hostel Furniture out of loan Hostel Furniture out of Grant Furniture General Furniture Boys Hostel Library Furniture	1,00,186.40 8,67,445.37 92,54,491.72 12,861.00 31,50,000.00	96,171.00	1,33,84,984.49 1,34,81,155.49
10.	Equipments Equipment all Departments Equipment out of Unesco coupon Instrumentation Cell Special Grant of SC/ST Water Cooler (equip) Modernization of Class Room and Office Equipment for all Departments Equipment out of (N.R. Grant - P.G.M.C.A)	1,21,69,885.48 17,15,250.43 45,935.04 50,000.00 1,90,000.00 82,65,076.63 1,26,994.00 25,00,593.10		2,50,65,737.68 2,51,92,731.68
		2,84,130.00	28,74,02,195.89	28,76,86,325.89

S.No.	Head of Accounts	Assets as per 2011-2012	Assets Up to 2010-2011	Total Assets up-to 2011-2012
11.	Computer / Peripherals Computation Automation Purchase of Computer Infrastructure Development Internet & Other Communication Facilities Internal Telephone System	1,17,41,271.00 75,000.00 90,59,394.00 90,67,055.00 4,78,824.00	NIL	3,04,21,544.00 3,04,21,544.00
12.	Electrical Installation Construction on 33KVA Sub Station 11KVA Under Ground Distribution System Provision for AC & Standby D.G. in newly constructed Lib. Building Electrical Renovation of Old Staff Quarters Minor renovation of electrical wiring of A.D. Building & W/S	8,13,853.00 80,455.00 24,58,450.00 20,56,000.00 32,65,249.00	NIL	86,74,007.00 86,74,007.00
13.	Library Books / Equipments Library Books Replacement of Lost Books Less Lost Books	1,16,33,845.59 6,460.00	NIL	1,16,36,716.99 1,16,36,716.99
14.	Vehicle Vehicle Purchase of Vehicle	7,33,676.79 34,32,755.00		42,14,934.79 42,14,934.79
	Total	34,21,14,272.27	2,84,130.00	34,23,49,398.67 34,26,33,528.67



Accountant



Dy. Registrar (Accounts)

SCHEDULE 4 (D) ASSET CREATED OUT OF SCHEME GRANT

S.No.	Head of Accounts	Assets as per 2011-2012	Up to 2010-2011	Total up-to 2011-2012
EQUIPMENT (OUT OF GRANTS)				
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
	Total 4 (D)		7,31,02,938.42	7,31,02,938.42

SCHEDULE 4 - (E) ASSETS OF OTHER FUND

S.No.	Head of Accounts	Assets as per 2011-2012	Up to 2010-2011	Total up-to 2011-2012
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		1,07,40,080.93 1,30,760.00	1,07,40,080.93 1,30,760.00
3.	Furniture out of (VLSI)		1,94,360.00	1,94,360.00
	Total 4 (E)		3,44,84,314.40	3,44,84,314.40
4.	D.S.T Project		4,21,900.00	4,21,900.00
			3,49,06,214.40	3,49,06,214.40



Accountant



Dy. Registrar (Accounts)

SCHEDULE – 5B (1-a) : ADVANCE FROM PLAN FUND

Particulars	Amount	Amount
Out standing as per Last Year A/c 10-11	5,33,33,988.79	
Add Payment during 2011-2012	1,14,000.00	
	5,34,47,988.79	
Less Recovery during 2011-2012	29,000.00	
		5,34,18,988.79

SCHEDULE – 5B (1-b) : GENERAL ADVANCE

Particulars	Amount	Amount
Out standing as per Last Year A/c 10-11	2,34,15,615.52	
Add Payment during 2011-2012	85,22,199.00	
	3,19,37,814.52	
Less Recovery during 2011-2012	52,24,069.00	
		2,67,13,745.52

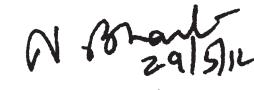

Accountant
Dy. Registrar (Accounts)

SCHEDULE – 14

SIGNIFICANT ACCOUNTING POLICIES

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


Accountant


Dy. Registrar (Accounts)

SCHEDULE – 15

CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1. Capital commitment

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

Notes on accounts

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

3. Current assets loan and advances

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

4. Fixed assets register is under preparation.

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

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

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


Accountant


Dy. Registrar (Accounts)

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

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

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

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

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



Accountant



Dy. Registrar (Accounts)

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2012

Receipts	Schedule	Current Year (2011-2012)	Previous Year (2010-2011)
I) Opening Bank Balance	A	46,78,28,087.69	49,10,77,209.09
II) Grants received from Govt. of India	B	20,00,00,000.00	15,00,03,588.60
III) Institute Income	C	10,81,00,128.50	7,88,62,462.00
IV) Other income	D	1,65,27,475.00	1,54,31,191.00
V) i) Transferable deposits	E	4,96,44,877.50	4,74,04,767.00
ii) Out side scholarships	E(b)	2,40,15,756.00	75,19,162.00
VI) Other grants/schemes	F	—	8,50,000.00
VII) (a) Recovery of Advances from Plan Grants	G	29,000.00	11,946.00
(b) Recovery of Advances from Research Grants	G		
VIII) Recovery of Other Advances	H	52,24,069.00	91,09,727.00
IX) Provision for 2010-2011			
X) Fixed Assets written back			
Total		87,13,69,393.69	80,02,70,052.69

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2012

Payments	Schedule	Current Year (2011-2012)	Previous Year (2010-2011)
I) Pay & Allowances	I	15,34,35,691.00	14,62,19,784.00
II) Retirement Benefit	J	5,06,43,563.00	5,40,78,542.00
III) Scholarship & Fellowship	K	39,99,627.00	34,16,666.00
IV) Departmental Operating Expenses	L	21,09,824.00	16,83,122.00
V) Health Facilities	M	31,62,772.00	40,65,940.00
VI) Water & Electricity	N	1,58,95,939.00	1,48,67,571.00
VII) House Keeping Maintenance	O	44,30,071.00	1,32,99,376.00
VIII) Transport Service	P	8,54,977.00	4,73,325.00
IX) Administrative Expenses	Q	55,02,594.00	1,29,46,890.00
X) Hall Subsidy	Q (b)	36,00,000.00	—
XI) Loans and Advances	R	85,22,189.00	68,21,817.00
XII) Other Expenses:	S	18,83,253.00	80,11,393.00
XII) a) Payments from transferable deposits:	T	4,13,13,999.00	4,70,99,664.00
b) Out Side Scholarship	T(b)		54,90,483.00
XIII) a) Expenses from Plan Grant/Schemes	U	1,62,58,883.00	3,88,715.00
b) Expenses from Scheme	U (B)		1,35,78,677.00
XIV) a) Advances from Plan/Scheme Grants	V		
b) Advances from Research Grant	V	4,57,584.00	
XV) Closing balance	W	1,14,000.00	46,78,28,087.69
XVI) Past Year Provision written back		55,91,84,417.69	
XVII) Interest accrued but not due			
Total:		87,13,69,393.69	80,02,70,052.69



Accountant



Dy. Registrar (Accounts)



Registrar



Director

SCHEDULE – A : OPENING BALANCE FOR 2011 – 2012

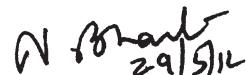
Receipts	Current Year (2011-2012)		Previous Year (2010-2011)	
OPENING BALANCE				
CURRENT ACCOUNT 10678396019		2,00,58,214.00		(-) 3,29,77,281.82
SAVING BANK ACCOUNT (S.B.I A/C No. 10678399349)		23,33,,77,254.56		37,34,06,071.96
S.B. A/C NO — 10678399430		7,83,26,589.39		2,01,01,865.39
S.B. A/C NO — 10678399441		16,53,735.31		15,97,151.31
S.B. A/C NO — 10678399452		1,45,15,588.25		1,38,89,223.25
S.B. A/C CANARA BANK 28319		3,84,96,833.00		3,71,77,582.00
FIXED DEPOSIT		8,13,99,873.00		7,78,82,597.00
TOTAL		46,78,28,087.69		49,10,77,209.09

SCHEDULE – B : GRANTS-IN-AID FOR 2011 – 2012

Receipt	Sanction Reference	Sanctioned Date	Amount
(B-i) Plan-Grant (Non- Recurring) from Govt. of India Cost of Lost Book recovered	F. No. 34-3/2011 TS III	29-12-2011	5,00,00,000.00 Nil
Total B-(i)			5,00,00,000.00
(B- ii) Plan O.S.C Grant (Non-recurring) from Govt. of India Plan O.S.C Grant (Recurring) from Govt. of India			Nil Nil
Total B-(ii)			
(B-iii) Non-plan Grant (Recurring) from Government of India	i) F.No. 34-5/2011 TS III ii) F.No. 34-5/2011 TS III iii) F.No. 34-5/2011 TS III	7-7-2011 28-9-2011 6-2-2012	7,00,00,000.00 5,00,00,000.00 3,00,00,000.00
Total B-(iii)			15,00,00,000.00
Total(Bi + Bii + Biii)			20,00,00,000.00



Accountant



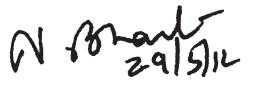
Dy. Registrar (Accounts)

SCHEDULE – C : INSTITUTE INCOME

Receipts	Current Year (2011-2012)		Previous Year (2010-2011)	
Fees & Subscription				
Admission fee	2,78,025.00		6,10,600.00	
Tuition fee	7,71,95,400.00		5,10,34,800.00	
Seat rent	33,72,000.00		27,76,500.00	
Medical aid	5,19,600.00		3,30,945.00	
Electric charge	33,72,000.00		27,76,500.00	
Water charge	18,18,650.00		17,49,825.00	
Vehicle Charges	19,66,480.00		16,87,080.00	
Syllabus etc	5,75,490.00		76,899.00	
Practical Charge	2,700.00		4,23,380.00	
Registration fee	3,99,100.00		3,88,300.00	
Examination fee	27,16,300.00		25,30,600.00	
Grade Card	4,11,000.00		4,32,300.00	
Library Charge	7,34,150.00		6,74,675.00	
Convocation	4,22,000.00	9,37,82,895.00	56,940.00	6,55,49,344.00
Interest earned				
Interest on S.B. A/C	83,80,689.00		86,30,365.00	
Interest on Non-Plan A/C	35,58,510.00		10,26,303.00	96,56,668.00
Other miscellaneous dues		1,19,39,199.00		
House rent Institute building	1,00,074.00		67,687.00	
Income from Guest House			—	
Bank Commission	499.00		425.00	
Revenue – Staff quarters	1,76,433.00		1,55,963.00	
Electric Charges from staff Quarters	3,81,929.00		3,78,157.00	
Water Charges from staff Quarters	1,07,021.00		1,01,791.00	
Miscellaneous receipts	81,237.50		23,755.00	
Recovery of Bonus, Hill area from employ	41,870.00		28,988.00	
Sale of Tender form	—		—	
Processing charge	5,69,710.00		15,04,307.00	
Sale of application form	4,65,750.00		1,30,000.00	
Fine	82,861.00		5,13,996.00	
C.C.P.F. Contribution	3,61,750.00		7,15,481.00	
T.C, CLC etc.	8,900.00	23,78,034.00	35,900.00	36,56,450.00
Total		10,81,00,128.50		7,88,62,462.00



Accountant



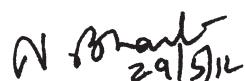
Dy. Registrar (Accounts)

SCHEDULE – D : OTHER INCOME

Receipts	Current Year (2011-2012)		Previous Year (2010-2011)	
a) Hall account				
Hostel admission fee	1,14,800.00		3,11,700.00	
Hostel Maintenance fund	30,98,700.00		30,67,900.00	
Common room	4,25,500.00		4,26,850.00	
		36,39,000.00		38,06,450.00
b) Gymkhana account				
Sports fees	11,72,750.00		10,78,250.00	
Cultural association	9,50,210.00		8,44,390.00	
		21,22,960.00		19,22,640.00
c) Institute Development fund				
Development fee(testing)	2,17,400.00		9,43,182.00	
Development fee(students)	27,51,000.00		31,23,000.00	
P.B.F. & Fine	49,800.00		2,125.00	
Counseling Fee	2,63,422.00		22,820.00	
Fee for post	-			
Sale of tender forms	-			
Directors Discretionary fund	6,075.00		36,878.00	
Over head charges	2,23,019.00		1,84,320.00	
		35,10,716.00		43,12,325.00
d) Interest on Unspent Balance				
Fixed deposit	51,22,812.00		35,17,276.00	
S.B/A/C 50132				
(Debt & deposit) 10678399452	5,61,682.00		4,96,665.00	
S.B/A/C 50131 10678399441	63,991.00			
Interest from Canara Bank				
A/c no :- 28319	15,06,314.00		13,19,251.00	
		72,54,799.00		53,33,192.00
TOTAL		1,65,27,475.00		1,53,74,607.00



Accountant



Dy. Registrar (Accounts)

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

Receipts	Current Year (2011-2012)	Previous Year (2010-2011)
a) Caution money	22,72,500.00	
Institute Caution money		16,49,500.00
Hostel Caution money		6,28,500.00
Mess Caution money		12,57,000.00
Library Caution money		
b) Compulsory Group Insurance	4,08,727.00	3,92,818.00
c) Training & Placement	21,94,500.00	19,51,900.00
d) Computer Maintenance /Center	27,81,500.00	13,94,500.00
e) Testing & Consultancy	27,23,433.50	18,44,612.00
f) <u>Other deposits</u>		
T.C.C. Society	1,16,94,018.00	94,46,940.00
Income Tax	88,27,082.00	93,19,824.00
Sales Tax	-----	12,813.00
Earnest Money	-----	-----
Security deposit	-----	29,630.00
Retention Money	-----	-----
Un-disbursed Liabilities	22,35,353.00	9,50,000.00
LIC Premium	27,63,102.00	25,60,566.00
Staff & Student Welfare	2,355.00	2,462.00
Suspense Account	4,45,426.00	30,40,872.00
GPF Subscription	93,21,238.00	97,41,314.00
Pension & Leave Salary Contr.	3,81,929.00	1,36,500.00
Lien Contribution	-----	
Hospitality	5,995.00	
		3,56,76,498.00
g) N. S.S	-----	
h) N I M C E T	10,75,000.00	
i) Alumni	5,20,500.00	4,53,800.00
j) Earth Quake	-----	-----
k) Service Tax	4,42,760.00	1,78,769.00
l) R.T.I	632.00	988.00
m) JREDA	-----	
n) NRRDA	-----	
o) DASA (Foreign student)	3,60,380.00	16,92,440.00
p) Staff Development Fund	6,02,103.00	3,67,477.00
q) Depreciation Fund	2,93,171.00	1,76,771.00
r) Maintenance Fund	2,93,173.00	1,76,771.00
Interest transferred from TEQIP Fund		
TOTAL (A)	4,96,44,877.50	4,74,06,767.00

Receipts		Current Year (2011-2012)		Previous Year (2010-2011)	
(B)	B/F		4,96,44,877.50	B/F	4,74,06,767.00
Out Side Scholarship					
Govt. of India		31,10,269.00		33,79,715.00	
Andhra Pradesh		63,700.00		-----	
Assam		39,350.00		41,800.00	
Bank (All)		8,16,809.00		4,73,787.00	
Bihar		79,91,348.00		12,92,950.00	
Companies		1,32,000.00		-----	
Jharkhand		1,15,43,700.00		17,39,075.00	
Himachal		-----		-----	
Kerala		-----		-----	
Chhatishgarh		-----		-----	
Maharastra		45,225.00		60,940.00	
Meghalaya		-----		-----	
Tripura		-----		-----	
Uttaranchal		-----		70,000.00	
Uttar Pradesh		2,02,180.00		1,54,740.00	
West Bengal		34,575.00		2,32,555.00	
Govt. of Karnataka		-----		-----	
Madhya Pradesh		36,600.00		45,450.00	
Rajasthan		-----		-----	
Tamil Nadu		-----		15,550.00	
Govt. of Nagaland		-----		12,600.00	75,19,162.00
TOTAL (B)		2,40,15,756.00			75,19,162.00
TOTAL (A + B)					5,49,25,929.00



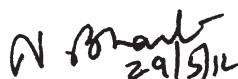
Accountant



Dy. Registrar (Accounts)

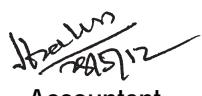
SCHEDULE – F: OTHER GRANTS

Receipts	Sanction Reference 2011-2012	Sanctioned Date	Received (2010-11)
SERC(DST) Project	-----		-----
VLSI			6,25,000.00
T.G.A.S. Scheme	-----		2,50,000.00
Geology Project (Interest)	-----		-----
Total	NIL		8,75,000.00

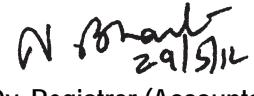

Accountant
Dy. Registrar (Accounts)

SCHEDULE – G: RECOVERY OF ADVANCES FROM PLAN GRANT

Receipt	Current Year (2011-2012)	Previous Year (2010-2011)
i) Construction of Institutional Building ii) Construction of Hostel iii) Computation/Automation Faculties for All Deptt., Admn. Building & Computer Centre iv) Equipment for all Deptt. & Office Equip. v) Furniture for all Deptt., I.B. Staff Or. & 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 st 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 for entire Campus xv) Space for Utility Areas in Hostel Complex for STD/ISD/PCO/Xeroxing xvi) Modernization of Class Room/Office Equipment for all Deptt. & Centre xvii) Internet & other Communication & Upgrading Computer Facilities xviii) Campus Greenery xix) Whole Campus Renovation xx) Provision for AC & stand by D.G. for Lib.Bldg. xxi) Curriculum of Teachers upgradation xxii) Renovation of I.B.etc. xxiii) Library Facilities xxiv) Equipment for R & D xxv) Elect. Renov. Of Qrs. xxvi) Infrastructure Development 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	12,000.00 17,000.00 29,000.00	11,946.00
TOTAL		11,946.00



Accountant



Dy. Registrar (Accounts)

SCHEDULE – H : RECOVERY OF OTHER ADVANCES

Receipt	Current Year (2011-2012)	Previous Year (2010-2011)
Festival	3,07,100.00	3,000.00
TA & LTC	---	
Contingency	---	
General Advance	49,16,969.00	91,06,727.00
Total	52,24,069.00	91,09,727.00

SCHEDULE – I : PAY AND ALLOWANCE

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Pay and Allowance Faculty	9,01,62,559.00	7,63,50,063.00
Pay and Allowance Non-Faculty	5,66,79,588.00	5,84,42,289.00
Bonus	7,08,070.00	7,59,880.00
T.A	10,84,029.00	9,57,714.00
L.T.C	16,18,659.00	17,43,364.00
Arrear as per 6th C.P.C.	---	40,38,140.00
Children Education / Other Allowance	20,03,261.00	39,28,334.00
C. P. D. A.	11,79,525.00	
Total	15,34,35,691.00	14,62,19,784.00

SCHEDULE – J : RETIRAL BENEFIT

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Pension	3,42,89,440.00	3,18,05,814.00
Pension Commutation	38,58,990.00	67,37,084.00
Gratuity	78,06,255.00	94,46,578.00
Leave Encashment	46,88,878.00	60,89,066.00
Total	5,06,43,563.00	5,40,78,542.00

SCHEDULE – K : SCHOLARSHIP AND FELLOWSHIP

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Stipend	39,99,627.00	34,16,666.00
Contingency (PG)		
Total	39,99,627.00	34,16,666.00

*H. Belur
29/5/12*

Accountant

*N. Bhandarkar
29/5/12*

Dy. Registrar (Accounts)

SCHEDULE – L : DEPARTMENTAL OPERATING EXPENSES

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Civil Engineering	2,33,916.00	39,856.00
Electrical Engineering	60,913.00	36,014.00
Electronics Engineering	1,68,895.00	80,078.00
Mechanical Engineering	2,39,014.00	1,39,263.00
Computer Science Engg.	96,735.00	41,881.00
Production Engineering	68,453.00	1,08,238.00
Metallurgical Engineering	1,46,048.00	1,79,311.00
Physics Department	74,209.00	44,416.00
Chemistry Department	26,924.00	27,271.00
D.C.A (M.C.A)	82,600.00	71,939.00
Mathematics Department	34,774.00	2,168.00
Computer Centre	93,377.00	1,21,733.00
Workshop	----	66,114.00
Academic Section	1,63,005.00	2,20,222.00
Establishment Section	80,001.00	52,333.00
Library	1,69,452.00	73,774.00
Estate Section	57,284.00	19,076.00
Store		2,585.00
A.E.Section		5,000.00
Vehicle Section		----
Accounts Section	76,773.00	97,461.00
A.P.Section		12,559.00
Director Office	1,66,216.00	1,49,844.00
Dean Office	56,735.00	47,397.00
D.O.C. Website	----	44,589.00
D.O.C. RTI Cell	14,500.00	
Total	21,09,824.00	16,83,122.00

SCHEDULE – M : HEALTH FACILITIES

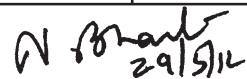
Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Health Facilities (cost of medicine)	39,994.00	65,623.00
Re-Imbursement of Medical Exp.	2,05,352.00	6,14,321.00
TMH expenditure	29,17,426.00	33,85,996.00
Total	31,62,772.00	40,65,940.00

SCHEDULE – N : WATER AND ELECTRICITY

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Water Charges	14,96,619.00	10,35,673.00
Electricity Charge	1,43,99,320.00	1,38,31,898.00
Generator Expenses	----	
Total	1,58,95,939.00	1,48,67,571.00



Accountant



Dy. Registrar (Accounts)

SCHEDULE – O : HOUSE KEEPING AND MAINTENANCE

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Estate Maintenance		
Civil	97,044.00	50,16,824.00
Electrical	6,72,044.00	7,97,206.00
PHE	18,991.00	1,03,200.00
Horticulture	10,000.00	53,656.00
E. M. Sanitation	6,154.00	16,079.00
Guest House	26,295.00	
Telephone	9,918.00	
Office Equipment	---	
Computer network & AC	42,61,669.00	73,12,411.00
Minor Equipment		
Total	44,30,071.00	1,32,99,376.00

SCHEDULE – P : TRANSPORT SERVICE

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
Vehicle Maintenance	2,43,832.00	91,140.00
Fuel Cost	3,44,983.00	2,03,410.00
Road Tax & Insurance	1,84,493.00	82,909.00
Hired vehicle	81,669.00	95,866.00
Total	8,54,977.00	4,73,325.00

SCHEDULE – Q : ADMINISTRATIVE EXPENSES

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
(A) Advertisement/Bank Commission/Postage etc.	4,96,443.00	13,29,603.00
Entertainment of Inst.Guest	25,000.00	14,003.00
Remuneration to adjunct faculty	24,584.00	1,82,744.00
Legal Expenses	1,37,458.00	7,99,476.00
Stationery & Printing	5,99,490.00	7,90,515.00
Security	2,33,395.00	2,67,190.00
Miscellaneous	12,760.00	7,935.00
Telephone	18,05,893.00	6,95,259.00
Remuneration to Contract Staff	8,42,415.00	2,33,631.00
Uniform & Liveries	4,17,554.00	6,83,844.00
Audit Fee	15,000.00	45,719.00
Student Support Service	----	5,73,802.00
Book Grant	21,248.00	56,525.00
Leave Salary Pension Contribution	1,63,239.00	5,47,125.00
Processing Charges	2,99,300.00	14,92,960.00
I. Card/Syllabus etc.	1,57,874.00	46,081.00
Examination Fee	1,66,547.00	3,40,565.00
Library Charge	----	----
Staff training	----	----
Convocation	84,394.00	7,42,292.00
C.P.D.A.	----	1,24,085.00
Golden Jubilee	----	3,73,536.00
Total (A)	55,02,594.00	93,46,890.00
(B) Hall Subsidy	36,00,000.00	36,00,000.00
Total (B)		
Total (A + B)	91,02,594.00	1,29,46,890.00

SCHEDULE – R : LOAN AND ADVANCES

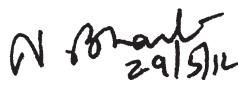
Payment	Current Year (2011-2012)	Previous Year (2010-2011)
General Advances	85,22,199.00	65,12,817.00
Festival Advance	----	3,09,000.00
Total	85,22,199.00	68,21,817.00

SCHEDULE – S : OTHER EXPENSES

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
a) Hall Account		
Hostel admission fees		75.00
Common Room Expenses	29,558.00	27,30,252.00
Hostel Maintenance	29,558.00	27,30,327.00
b) Gymkhana Account		
Cultural Association	7,50,426.00	2,33,180.00
Sports	8,78,250.00	15,66,361.00
c) Institute Dev. Fund		
Development Expenses		20,000.00
Director's Discretionary Fund		4,946.00
Dev. fee collected from student	2,000.00	
Over head Expenses	2,23,019.00	1,84,320.00
Interest on Fixed Deposit		2,09,266.00
		32,72,259.00
Total	18,83,253.00	80,11,393.00



Accountant



Dy. Registrar (Accounts)

(A) SCHEDULE – T : OTHER EXPENSES

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
a) Caution Money Refund:		
Institute Caution Money	3,04,000.00	6,91,500.00
Library Caution Money		5,000.00
Hostel Caution Money		1,72,000.00
Mess Caution Money		3,44,000.00
	3,04,000.00	12,12,500.00
b) Group Insurance	4,44,848.00	3,95,395.00
c) Training & Placement	3,49,902.00	2,09,291.00
d) Computer maint.	4,06,870.00	250.00
e) (I) Testing & Consultancy	26,40,925.00	14,48,895.00
(II) Service tax		14,48,895.00
f) Other Payments		
G.P.F. Subscription	1,00,97,671.00	96,69,058.00
T.C.C. Society	1,25,54,611.00	94,49,667.00
Income Tax	87,99,152.00	2,11,86,817.00
Sales Tax	---	12,813.00
Earnest Money	---	18,000.00
Retention Money	---	
Security Deposits	---	1,48,401.00
Un-Disburse Liabilities	8,67,900.00	3,03,500.00
LIC Premium	27,58,534.00	23,68,415.00
Staff/Student Welfare	---	4,000.00
Suspense Account	20,26,311.00	6,64,941.00
NOIADA(dasa)	50,000.00	
g) Alumni	13,275.00	
h) JREDA		
i) N.S.S		
j) NIMCET		
k) TEQIP Interest	63,275.00	7,721.00
Total (A)	4,13,13,999.00	7,721.00
		4,70,99,664.00



Accountant

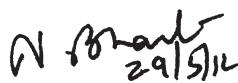


Dy. Registrar (Accounts)

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
(B)		
j) Out Side Scholarship		
Govt. of India	22,17,869.00	16,57,187.00
Andhra Pradesh	63,700.00	
Assam	39,350.00	41,800.00
All Banks	7,00,064.00	4,66,612.00
Bihar	53,52,315.00	9,55,930.00
All Companies	1,32,000.00	3,000.00
Jharkhand	74,46,400.00	15,17,225.00
Himanchal Pradesh	3,600.00	
Kerala	---	33,044.00
Chhatishgarh	---	
Maharastra	---	60,940.00
Meghalaya	---	
Tripura	---	70,000.00
Uttaranchal	---	1,10,110.00
Uttar Pradesh	2,46,810.00	
West Bengal	13,000.00	5,39,310.00
Govt. of Karnataka	---	
Madhya Pradesh	43,775.00	22,725.00
Rajasthan	---	
Nagaland	---	12,600.00
Tamil Nadu	---	
Total (B)	1,62,58,883.00	54,90,483.00



Accountant



Dy. Registrar (Accounts)

SCHEDULE – U : EXPENSES FROM PLAN GRANTS / SCHEMES

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
3 rd Floor Admn. Building Main College Building Civil/Allied Structure Extensive Civil/PHE & Remodeling Construction of Boundary Wall around Academic Complex Computer Centre 1 st floor Construction of Hostel Building 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 Computer Lab.-MCA Photonics Lab.-Physics Research on Ceramic Composite Renovation-I.B., S.Q., Hostels Canteen etc. Whole campus Renovation (Recurring) Admn. Office & Computer Centre Provision for AC & standby D.G.in newly constructed Lib.Bldg Internal Telephone Furniture for all deptt. Modernization of Kitchen for all Hostel 11KVA underground distribution system Internet and other communication facilities Infrastructure & Development Purchase of Vehicle Furniture for new boys hostel & guest House	60,965.00	61,215.00
NIT Transit house	2,23,165.00	1,28,997.00
O.S.T Grant Purchase of furniture Matching Grant of Network Scheme a) Power system lab Elect.Engg b) Heat transfer lab Mech.Engg.	48,503.00	1,50,000.00
Centre of Excellence 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	23,454.00	1,50,000.00
Total= (A)	4,57,584.00	3,88,715.00

*H. Belur
29/5/12*
Accountant

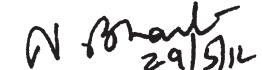
*N. Bhandari
29/5/12*
Dy. Registrar (Accounts)

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

	Current Year (2011-2012)	Previous Year (2010-2011)
A) NETWORK SCHEME Upgradation of Deptt. of Prod. Engg.& Mgt.		
B) MODERNIZATION OF LAB / WORKSHOP		12,00,000.00
C) AREA OF WEAKNESS		
D) AREA OF EMERGING TECHNOLOGY		
E) PROGRAMME OF NEW & / OR IMPROVE TECHNOLOGY		
F) MHRD Project / scheme / research		
1. Design & develop fabrication Holo speckle		13,00,000.00
2. Modernization of Telematics Lab.		5,00,000.00
3. Mod. of Power Electro Devices		10,00,000.00
4. Modernization of Computing facility		10,00,000.00
5. Mod. of removal obsolesce of the concrete structure		14,00,000.00
6. Mod. of Internet facility		10,00,000.00
7. Geology Project		8,96,000.00
i) Modernization of Fluid Mechanics Lab		
ii) Area of weakness development of centre of advance energy research under thrust area (Dr. Y. P. Yadav) TEQUIP (Transfer to Separate A/C of TEQUIP) Emeritus Fellowship		
G) A.I.C.T.E. SCHEME		
1. Solar Power Generation		4,70,795.00
1. Advance Ceramics Materials		6,43,885.00
2. Creation of Central facility for Holography non-destructive testing		7,08,580.00
3. E.M.D. Project		8,00,000.00
i) Development of Power Electro. App. Centre		1,35,660.00
ii) Creation of central facility for advance melting facility		3,37,365.00
iii) V.L.S.I. (R.E.- 64,734.00 + N.R. 1,94,360.00)		
iv) Establishment Centre for Mobile computing		9,85,882.00
v) Study on timber seasoning solar energy		11,91,260.00
vi) SERC (DST) Project		9,250.00
Total - (B)	NIL	1,35,78,677.00



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SCHEDULE – V : ADVANCES FROM PLAN / SCHEME GRANT

Payment	Current Year (2011-2012)	Previous Year (2010-2011)
(A) PLAN GRANT 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 st 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) OSC Grant Purchase of furniture		
TOTAL (A)	NIL	NIL
(B) SCHEME GRANT i) Centre of Excellence a) Improvement of Library Facility b) Equipment for research & development c) Up gradation of computer facilities d) Curriculum of teachers up gradation/Dev. ii) D S T Project iii) V.L.S.I		
	1,14,000.00	
Total (B)	1,14,000.00	



Accountant



Dy. Registrar (Accounts)

SCHEDULE – W : CLOSING BALANCES FOR THE FINANCIAL YEAR 2011-12

Particulars	Reconciliation	As per Cash Book
CURRENT ACCOUNT:		
As per Bank Statement	2,73,52,721.18	
Add – Amount wrongly debited by Bank	60,000.00	
Less uncashed cheques amount	84,64,530.00	
Balance as per Cash Book		1,89,48,191.18
SAVINGS BANK ACCOUNT (S.B.I A/C No.10678399349)		
As per Bank Statement	23,09,41,369.06	
Add deposited but not credited	10,79,022.00	
Less wrongly credited by the Bank	23,20,20,391.06	
Less wrongly credited by Bank	(-) 53,805.00	
Balance as per Cash Book		23,19,66,586.00
Balance as per Cash Book		
Non – Plan A/C No. 10678399430		16,50,78,511.89
Project grant – A/C No.10678399441		17,17,726.31
Debt & Deposit A/C No.10678399452		1,49,47,570.25
S.B A/C. Canara Bank A/C No - 28319		4,00,03,147.00
Fixed Deposits		8,65,22,685.00
Total		55,91,84,417.69



Accountant



Dy. Registrar (Accounts)



NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR

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And
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2011-2012**