

Annual Report & Annual Accounts 2012-13



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR



VISION

To create a center for imparting technical education of international standards and conducting research at the cutting edge of technology to meet the current and future challenges of technological development.

MISSION

To create technical manpower for meeting the current and future demands of industry. To reorganize education and research in close interaction with industry with emphasis on the development of leadership qualities in the young men and women entering the portals of the Institute with sensitivity to social development and eye for opportunities for growth in the international perspective.

Annual Report & Annual Accounts 2012-13



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
JAIPUR - 302017**

Postal Address : **Malaviya National Institute of Technology Jaipur**
Jawahar Lal Nehru Marg
Jaipur, Rajasthan (India) 302017

Telephone : 0141-2529087

Fax : 0141-2529029

Editorial Board : **Prof. C. P. Sharma**
Professor,
Deptt. of Metallurgical & Materials Engg.
Dean Academic Affairs

Dr. Lava Bhargava
Associate Professor,
Deptt. of Ele. & Comm. Engg.
Convener, Institute Annual Report

Dr. Rajendra Kumar Duchaniya
Assistant Professor,
Deptt. of Metallurgical & Materials Engg.
Co-Convener

Mrs. Nanny Tripathi
Associate Professor,
Deptt. of Humanities & Social Science
Co-Convener

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Part - 1

Annual Report



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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR

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REVIEW

ACADEMIC PROGRAMMES

(a) Undergraduate Programmes (Bachelor of Technology)

Courses of study are offered in the following disciplines leading to the Bachelors degree

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg.(4 years)	92
	Total	802

(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M.Tech. in Water Resource Engineering	Civil Engg.
2.	M. Tech. in Environmental Engineering	Civil Engg.
3.	M. Tech. in Power Systems	Electrical Engg.
4.	M. Tech. in Metallurgical & Materials Engineering	Metallurgical & Materials Engg.
5.	M. Tech. in Electronics and Comm. Engineering	Electronics & Comm. Engg.
6.	M.Tech. in Transportation Engineering	Civil Engg.
7.	M.Tech. in Manufacturing System Engineering	Mechanical Engg.
8.	M.Tech. in Structural Engineering	Structural Engg.
9.	M.Tech. in Chemical Engineering	Chemical Engg.
10.	M. Tech. in Energy Engineering	Mechanical Engg.
11.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
12.	M. Tech. in Computer Engineering	Computer Engg.
13.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
14.	M.Tech. in Renewable Energy	Centre for Env. & Energy
15.	M. Planning in Urban Planning	Architecture
16.	M. Sc. in Physics	Physics Dept.
17.	M. Sc. in Chemistry	Chemistry Dept.
18.	M. Sc. in Mathematics	Mathematics Dept.
19.	Master of Business Administration (MBA)	Management Studies Dept.
20.	Technology Management	Management Studies Dept.



ADMISSION PROCEDURE

(a) Undergraduate Programmes

The admissions are made through AIEEE conducted by the Central Counselling Board i.e. CCB and online counselling conducted by Central Counselling Board on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through AIEEE is a pass in the final examination of 10+2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and MEA.

(b) Postgraduate Programmes

Admissions for M. Tech/M.Sc./MBA are done (i) for full time through score in GATE conducted by IIT and (ii) for sponsored candidates, whether full time or part time, through interview/test/GATE (depending on availability of seats)/Admissions to full time and part time Ph.D. programmes are done through interview/tests conducted by individual Department.

BOARD OF GOVERNORS

The institute is managed by a board of governors which consists of

- (i) Chairman (appointed by MHRD, Govt. of India).
- (ii) One nominee of the State Government
- (iii) One nominee of the MHRD
- (iv) Director of the Indian Institute of Technology in the region of the nominee
- (v) A nominee of the AICTE
- (vi) Two industrialists/Technologists(non-official representatives) of the region to be nominated by the Central Government
- (vii) A nominee of the UGC
- (viii) Two representatives of the faculty of the institute to be nominated by the Chairman
- (ix) Head of another Technical Institution in the region or an eminent technologist nominated by the Central Government
- (x) An alumnus of the Institute from amongst alumni in Education /Industry to be nominated by the Board of Governors
- (xi) Director of the Institute as Ex-officio member secretary

Present composition of Board of Governors is given in Annexure 11.1

FINANCE COMMITTEE

The Committee is constituted by the Board of Governors. The composition is given in Annexure 11.2

BUILDING AND WORKS COMMITTEE

The Committee is constituted by the Board of Governors. The composition is given in Annexure 11.2

SENATE

Present composition is given in Annexure 11.2



STAFF

The details of teaching, administrative and other staff are given in chapter 3.1 and 3.2

ACADEMIC DEPARTMENTS

The detailed information about the academic activities of the departments of the Institute including participation of faculty members in Seminars, Symposia, Workshops and summer/winter schools and organization of various academics activities by the faculty members are provided in chapter 11.6. Sponsored research projects/consultancy worth more than Rs11.99 crores are currently under progress at the institute. The consultancy revenue generation has also increased in the Institute. The Institute is a part of Technical Education Quality Improvement Programme (TEQIP), Phase II.

The details regarding the research projects and consultancy projects are provided in chapter 11.3. The research output in the form of publication is journals/conference proceedings/books is given in chapter 11.9. A large number of M.Tech and Ph.D. students are carrying out research for their dissertation/Thesis work. The details of each candidate along with his area of research are given in chapter 11.7

EXAMINATION AND EVALUATION

Best Practices

Academic : A continuous process of evaluation throughout each semester is the highlight of the grading system. Each student is assessed on the basis of his/her performance in tutorials practical's class assignments, home assignments, term papers, seminars, quizzes, midterm and end term examinations.

To ensure maximum transparency in the appraisal of the academic performance, the answer sheets of the mid- & end term examination are shown to and discussed with the students.

Subject to fulfilling the minimum requirement for continuation a student is allowed to progress at an optimum pace, suited to his/her ability and convenience.

Each course has a number of credits and this number defines the weightage of this course. The performance of the student is measured in terms of the number of credits he/she has successfully completed. A minimum Grade Point Average is mandatory to be maintained for satisfactory process. A minimum number of credits is mandatory for the qualification for the degree.

A Course coordinator is designated for every course of every department. He/she shoulders the full responsibilities for the conduct of this course, coordinating the work of other members of the faculty involved in the teaching and evaluation of this course. The student may approach the course coordinator for any matter related to the course.

Grading System :

The academic performance is graded on a ten-point scale. With the exception of Audit courses, the letter grade awarded for each course is converted into a semester wise and cumulative index called the SGPA & the CGPA respectively.

Scholarships :

A number of scholarships are available to the students on merit or merit cum need basis. The scholarship span the U.G. P.G. and Ph.D programmes of the institutes. Some of the prominent funding agencies for the assistantships are the MHRD, the AICTE, Ministry of Urban Development CSIR, SAIL, ONGC, Ministry of



Social Justice, Ministry of Tribal Affairs NCPEDP, NTPC Ltd, Ministry of Minority Affairs, NCERT, Boards of Higher Education of various states.

Many scholarships are sponsored by individuals. The details are given in annexure 11.11.

Training & Placement

Training is an important component of any technical programme. Students are facilitated in their Endeavour to join training & summer internships where they learn the real world application of their education. Students have been offered summer internships in Germany, Canada, Singapore, South Korea, Finland, and in premier institutes of our country- the IITs, IISc, IIMs etc. 9 students have been selected for WISE scholarship by German Academic exchange programme.

122 companies including 7 PSUs visited the campus for recruitment. The number has almost doubled since 2005-2006, when it was 68.

The highest & the average pay package have also witnessed a steady rise, the highest pay package this year being 19.99 LPA and the average 5.37 LPA.

Moreover, the highlight of the placements is that more than 50% students were offered core job profiles.

Library

The Library underwent a massive renovations in the year 2011-12 and since then there has been a continuous augmentation in access to books journals, e-journals, e-granthalayas. The academic departments are periodically requested to furnish their requirements and these are then processed & procured with streamlined system.

Hostels

There are twelve hostels for the students of our of our institute. A married student's hostel is available for Ph.D. research scholars. A total of 3111 students are residing in hostels. A team of Chief Warden, wardens is other staff manages the hostels. The details are given in chapter 4.5.

Games & Sports

The department has been active in promoting sports activities and their effort can be seen in the increased participation of students on a regular basis as well as in tournament and events.

Our students have won several prizes at tournaments held in other institutes/ states.

The Advani Memorial Basketball (AIAMBT) tournament has been revived and is being organized with great enthusiasm since the last 2 years.

Date:

Place: Jaipur

(I.K. Bhat)

Director



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

ANNUAL REPORT

YEAR 2012-13

1. INTRODUCTION

1.1 Vision and Mission Statement

Vision

To create a center for imparting technical education of international standards and conducting research at the cutting edge of technology to meet the current and future challenges of technological development.

Mission

To create technical manpower for meeting the current and future demands of industry. To reorganize education and research in close interaction with industry with emphasis on the development of leadership qualities in the young men and women entering the portals of the Institute with sensitivity to social development and eye for opportunities for growth in the international perspective.

1.2 Quality Policy

The MNIT shall strive to impart knowledge in such a manner as to achieve total satisfaction of students, parents, employers, and the society.

Institute Motto

Excellence can be achieved only through perseverance and hard work.

1.3 Education System

The Institute is deemed to be university and awards its own degree. The semester scheme is followed for both undergraduate and postgraduate courses.

The academic performance of a student is graded on a ten-point scale, the letter grades awarded to a student in all the courses (except audit courses) are converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively. A system of feedback by the students about the instructor and the course is also in practice.

1.4 New Initiatives

The curricular structure has been overhauled and is now in line with that practiced in some of the best institutes.

Two rounds of faculty recruitments have substantially mitigated a severe and long standing shortage of faculty. Each newly recruited faculty member has been asked to design an elective paper in their area of specialization, this enables the students to have a wide choice of subjects from interdisciplinary areas. Courses on Management, Communication, Computer aided design & Programming have been introduced.



Departments are encouraged to organize Curriculum Development workshops to upgrade & update the syllabi.

Two chair positions have been established in the areas of steel and stone.

Major additions and renovations have been made to the institute infrastructure. The work on a vast lecture hall complex, probably, the largest in the country has started, existing departmental blocks have been expanded by adding floors. A capacious central computing facility which will house about 500 machines will be completed & operational soon.



2. AN OVERVIEW

2.1 Historical Background

Established in 1963 as a joint venture of the Government of India and the Government of Rajasthan, The Malaviya Regional Engineering College, Jaipur started functioning with 30 students each in Electrical Engg. and Mechanical Engg. The college shifted to the present campus in Jaipur in 1965. Spread over 125 Hectares of lush greenery, the campus of MNIT enthalls and inspires. Indeed, all the states and union territories of the country are represented in the undergraduate intake of the Institute (50% from Rajasthan & the 50% from all other states & union territories of India), thus making it a perfect example of the celebrated axiom, 'unity in diversity'.

The great educationist and visionary, Prof. V. G. Garde, as its first Principal, moulded its destiny, with his characteristic élan, into a renowned Institute. The effort to maintain the high standard and committed approach of the College to the cause of technical excellence was recognized by the Ministry for Human Resource Development and University Grants Commission, New Delhi which granted it the status of a National Institute of Technology and Deemed University on June 26, 2002. It is one of the 30 NIT's established in different states of the country. Through an Act of Parliament, it has been granted the status of a Centre of Excellence since 15th August 2007. Governed by the NIT Council, the Institute has four statutory bodies, namely, the Board of Governors, the Finance Committee, the Building and Works Committee and the Senate. The Institute is fully funded by MHRD, the Government of India, New Delhi.

The Institute is under the administrative control of a Board of Governors. It is authorized by the parliament to award its own degrees.

There are fourteen departments and three centres viz. Architecture, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Metallurgical and Materials Engineering, Physics, Chemistry, Mathematics Management departments, Humanities and social sciences. The three centres are Centre for Energy and Environment, Centre of Excellence in design and Materials Research Centre (MRC). T Centre for Energy and Environment here

are nine undergraduate and twenty Postgraduate programmes

M.E. course in Non-ferrous-(Metallurgy) was started from the session 1971-72, M.E. course in Water Resource Engineering (Civil Engg.) was started from the year 1985-86, M.E. course in Power System (Electrical Engg.) was started with effect from the session 1987-88, M.E. in Environmental Engg. in Civil Engg. Dept. was started with effect from the session 1989-90 for sponsored candidates, nominated by the Ministry of Urban Development, Government of India, M.E. course in Electronics and Communication Engineering was started with effect from the session 1992-93. M.E. courses in Transportation Engineering (Civil Engg.), Manufacturing System Engineering (Mechanical Engg.) and Computer Aided Design in Structural Engineering were started from the session 1996-97. The nomenclature of M. Tech. course of Computer Aided Design in Structural Engineering has been changed in to M. Tech. in Structural Engineering from the session 2006-2007. Three new M. Tech. courses i.e. VLSI Design in Electronics & Communication Engineering Department, Energy Engineering in Mechanical Engineering Department and Chemical Engineering in Chemical Engineering Department were also started from the session 2006-2007. Three M. Sc. courses i.e. Physics, Chemistry and Mathematics in the respective Departments were also started in 2006-07. A postgraduate course in Master of Management Studies which was started by CMSIC from the session 1996-97 has now been discontinued due to administrative reasons. A new MBA course has been started from the session 2006-2007. M.Tech. in Computer Engineering and M. Planning in Urban Planning have started from the session 2008-09.

The bedrock of any academic institution is the quality of its faculty and in this arena, MNIT is at the forefront. Our 167-odd full-time experienced faculty has a passion for teaching and an avowed commitment to R&D. The global perspective of the faculty makes the Institute a premier institute of learning in India. Majority of the faculty holds doctoral degrees. Quality teaching is what we aim at so as to stimulate intellectual curiosity, creativity and innovativeness. The Institute is actively engaged in research, consultancy and developmental activities and collaborates with leading industrial houses and IT companies under various projects



The institute is a part of the World Bank supported Technical Education Quality Improvement Programme (TEQIP) phase II implemented by the National Project Implementation Unit (NPIU).

The performance of institute in phase I of the project has been creditable.

The Institute has residential facilities for boys as well as girls in its campus. The hostel facility to the maximum extent of accommodation available is also provided to the students of the Institute.

2.2 Location

The Institute is based in Jaipur which is a lively and vibrant city. Situated in Northern India at a distance of around 260 km south of Delhi, Jaipur would have been a part of the Thar Desert, but for the Aravalli Hills that provide it with much needed security from one side. Jaipur offers a multitude of interesting places and attractions. Such as lush parks and places for recreation. There are several magnificent places and forts such as the City Place, Amber and Nahargarh. It is a city of fun, food and festivals. Vibrant colours, likely folk music and dance performances mark the celebrations of every religious occasion and every change of season. It is, indeed, the 'Pink City', a heady mix of tradition & modernity, vibrant with recreational, social as well as educational experiences for the students. It has all the facilities and entertainment a student needs; excellent shops, restaurants, clubs, sports facilities and a thriving cultural scene.

The Institute is located in Malaviya Nagar on Jawahar Lal Nehru Marg. The main Railway Station and Bus Stand are approximately 10 km from the Institute whereas the Airport is about 5 km away located at Sanganer. Frequent city transport and private transport services are available for the Institute from every point of the city.

2.3 Campus

The Campus of the institute is spread over an area of 125 hectares. It presents a spectacle of harmony in modern architecture, natural beauty and picturesque surrounding. The campus area has been organized into three functional sectors:

1. Hostels for Students

2. Instructional Buildings
3. Residential Sector for the Staff

The instructional buildings have been so located that these are fairly near to both the hostels and the staff quarters and are at a walking distance from both. There is a branch of ICICI Bank on the premises and a Post-office in the campus. A full-fledged dispensary is supervised by a team of Medical Officers and two Compounders. The Institute has also been extending facility of a Part-time Homeopathic doctor and Ayurvedic doctor in the campus. Adequately equipped Canteen buildings, one near the instructional zone and another near the hostels provide facilities to the students and the staff during and beyond the working hours of the Institute.

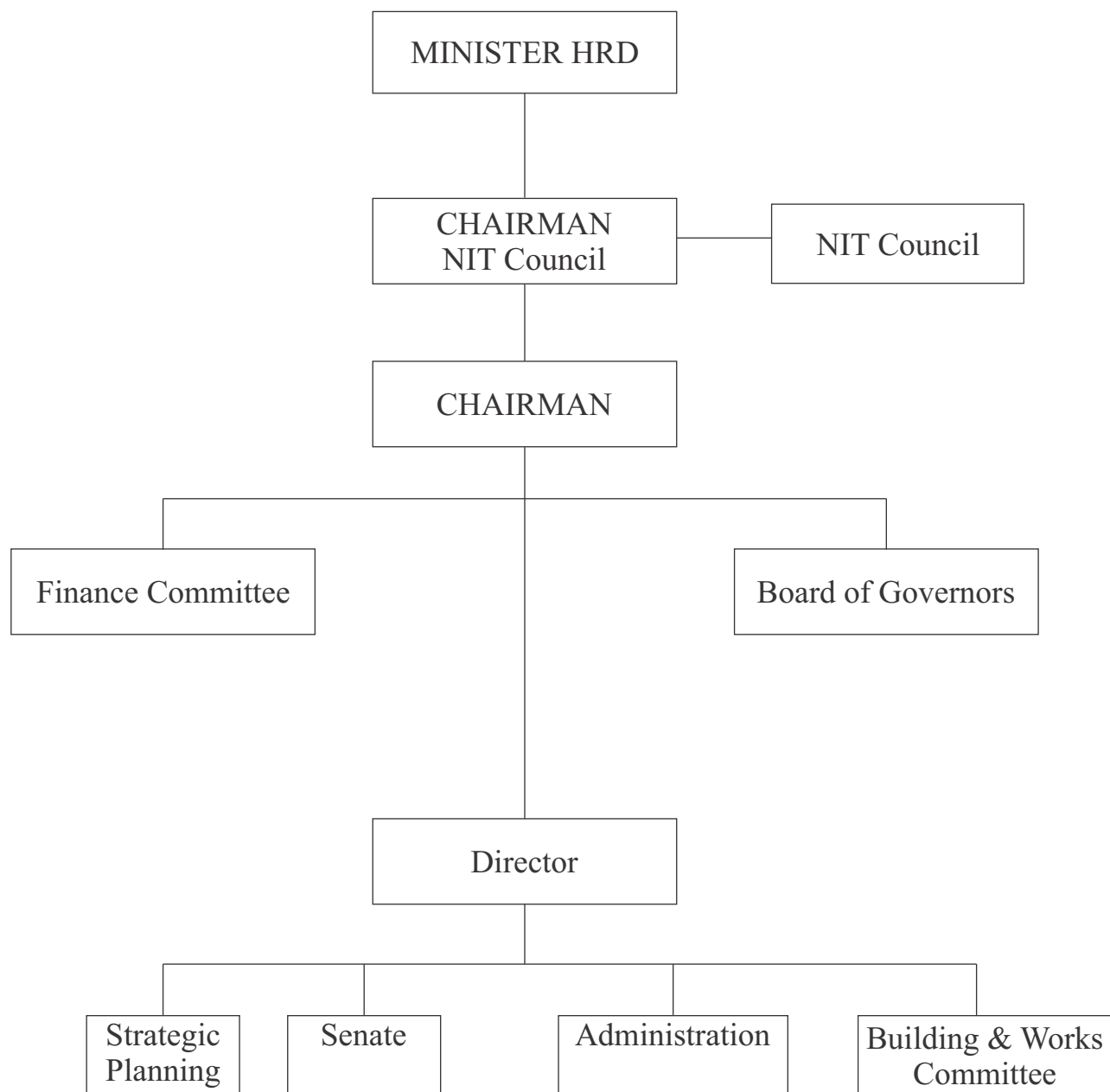
2.4 Administration

The Institute, being an autonomous Institution, is administered by Board of Governors, which consists of (i) Chairman (appointed by MHRD, Govt. of India) (ii) one nominee of the State Government (iii) one nominee of MHRD, (iv) Director of the Indian Institute of Technology in the region or his nominee, (v) a nominee of the All India Council for Technical Education, (vi) & (vii) two Industrialist/Technologists (non-official representatives) of the region to be nominated by the Central Government (viii) a nominee of University Grants Commission (ix) & (x) two representatives of the faculty of the College to be nominated by the Chairman and (xi) Head of another technical institution in the region or an eminent technologist nominated by the Central Government (xii) An alumnus of the Institute from among the alumni in education/industry to be nominated by Board of Governors (xiii) Director of the Institute as Ex-officio member Secretary.

The students are given opportunity to administer their own affairs affecting the co-curricular residential and recreational activities through various committees, such as Institute Canteen Committee students' Aid and Welfare committee, Hostels and Mess committee etc.



Administrative Hierarchy of MNIT Jaipur





2.5 Academic Programmes

At present the Institute offers four-year UG courses leading to the B. Tech. degree and five years of Bachelor of Architecture degree. The PG courses of two years duration provide advance learning of the specialized area and thus prepare a human resource possessing advance knowledge in the field of engineering and technology. The Institute also offers a full-time/part-time advance programme leading to the Ph.D. degree in the areas of Engineering/Technology/Management/Sciences/Humanities & Social Sciences.

(a) Undergraduate Programmes (Bachelor of Technology)

Academic Programmes leading to B. Tech./B. Architecture Degree as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)*	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg. (4 years)	92
	Total	802

*Zero year

(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M.Tech. in Water Resource Engineering	Civil Engg.
2.	M. Tech. in Environmental Engineering	Civil Engg.
3.	M. Tech. in Power Systems	Electrical Engg.
4.	M. Tech. in Metallurgical & Materials Engineering	Metallurgical & Materials Engg.
5.	M. Tech. in Electronics and Comm. Engineering	Electronics & Comm. Engg.
6.	M.Tech. in Transportation Engineering	Civil Engg.
7.	M.Tech. in Manufacturing System Engineering	Mechanical Engg.
8.	M.Tech. in Structural Engineering	Structural Engg.
9.	M.Tech. in Chemical Engineering	Chemical Engg.
10.	M. Tech. in Energy Engineering	Mechanical Engg.
11.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
12.	M. Tech. in Computer Engineering	Computer Engg.
13.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
14.	M.Tech. in Renewable Energy	Centre for Env. & Energy
15.	M. Planning in Urban Planning	Architecture
16.	M. Sc. in Physics	Physics Dept.
17.	M. Sc. in Chemistry	Chemistry Dept.
18.	M. Sc. in Mathematics	Mathematics Dept.
19.	Master of Business Administration (MBA)	Management Studies Dept.
20.	Technology Management	Management Studies Dept.



2.6 Course Offered

At present the Institute offers four-year UG courses leading to the B. Tech. degree and five years of Bachelor of Architecture degree. The PG courses of two years duration provide advance learning of the specialized area and thus prepare a human resource possessing advance knowledge in the field of engineering and technology. The Institute also offers a full-time/part-time advance programme leading to the Ph.D. degree in the areas of Engineering/Technology/Management/Sciences/Humanities & Social Sciences.

2.7 Admission Procedure

(a) Undergraduate Programmes

The admissions are made through JEE(mains) conducted by the Central Counselling Board i.e. CCB and online counselling conducted by Central Counselling Board on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through AIEEE is a pass in the final examination of 10+2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and MEA.

(b) Postgraduate Programmes

Admissions for M. Tech/M.Sc./MBA are done (i) for full time through score in GATE conducted by IIT and (ii) for sponsored candidates, whether full time or part time, through CCMT. Admissions to full time and part time Ph.D. programmes are done through interview/tests conducted by individual Department

2.8 Students Intake

(a) Undergraduate Programmes

The allocation of 802 seats for students from Rajasthan & other than Rajasthan states are as follows

Malaviya National Institute of Technology Jaipur										
State	Branch	OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	Total
All India CAI	Architecture	15	1	5	0	2	0	8	0	31
	Civil Engg.	23	0	7	0	3	1	12	0	46
	Chemical Engg.	23	0	6	1	4	0	12	0	46
	Computer Engg.	23	1	7	0	3	0	12	1	47
	Electrical Engg.	22	1	7	0	4	0	13	0	47
	Electronics & Communication Engg.	23	0	7	0	3	0	12	1	46
	Information Technology	22	1	7	0	3	0	12	1	46
	Mechanical Engg.	22	1	6	1	4	0	12	0	46
	Metallurgical & Materials Engg.	22	1	7	0	3	0	13	0	46



Home State (HS)	Architecture	15	0	4	0	2	1	9	0	31
	Civil Engg.	22	1	7	0	3	0	12	1	46
	Chemical Engg.	22	1	7	0	3	0	13	0	46
	Computer Engg.	22	1	7	0	4	0	12	0	46
	Electrical Engg.	23	0	6	1	3	0	12	1	46
	Electronics & Communication Engg.	23	1	7	0	4	0	12	0	47
	Information Technology	22	1	7	0	4	0	12	0	46
	Mechanical Engg.	23	0	7	0	3	0	13	1	47
	Metallurgical & Materials Engg.	22	1	6	1	4	0	12	0	46
Total	389	12	117	4	59	2	213	6	802	

(b) Postgraduate Programmes

The number of seats for each M. Tech. programme are

General	ST	SC	OBC	Sponsored	Part Time	Intake
10	2	3	5	5	6	31

The number of seats for each M. Sc. programme

General	SC	ST	OBC	Total
16	05	02	08	31

The number of seats for M.B.A. programme

General	SC	ST	OBC	Total
31	09	05	17	62

RESERVATION IN B.TECH./M. TECH./M.Sc./MBA PROGRAMMES

- (i) OBC 27% in every course
- (ii) Schedule Castes 15 % in every course
- (iii) Schedule Tribes 7.5% in every course
- (iv) Physical Handicapped 3 % in every course over & above the sanctioned strength

Duration of M. Tech. Programmes

Normal duration	Maximum duration
Full Time: 4 Semesters	6 Semesters
Part Time: 6 Semesters	10 Semesters

Duration of M. Sc./MBA Programme

Normal duration	Maximum duration
Full Time: 4 Semesters	6 Semesters



2.9 Examination And Evaluation

Credits System

Education at the Institute is organized around the credit system of study. The prominent features of the credit system are process of continuous evaluation of a student's performance, and a flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience subject to fulfilling minimum requirement for continuation.

Each course has a certain number of credits, which describe its weightage. A student's performance is measured by the number of credits that he/she has completed satisfactorily. A minimum Grade Point Average is required to be maintained for satisfactory process. Also a minimum number of earned credits should be obtained in order to qualify for the degree.

Every course is coordinated by a member of the teaching staff of the department, which offers the course in a given semester. This faculty member is called the Course Coordinator. He has full responsibility for conducting the course, coordinating the work of the other members of the faculty involved in that course and for holding tests and assignments and awarding grades. For any difficulty a student is expected to approach the Course Coordinator for advice and clarification.

Grading System

The Grades are being awarded as per the Table noted below

Structure of grading of academic performance

Academic Performance	Grades	Grade
Outstanding	AA	10
Excellent	AB	9
Very Good	BB	8
Good	BC	7
Average	CC	6
Below Average	CD	5
Marginal	D	4
Very poor	F	0
Incomplete	I	--
Withdrawal	W	--
Continued Project	X	--

2.10 Placement

The Placement Cell has been active in arranging training and placement for students. This year a total of 122 companies visited the Campus and selected 561 (500 B.tech , 6 B.Arch, 46 M.Tech, 5 Msc, 4 MBA) students. Maximum and Average Packages offered by companies were Rs. 19.99 LPA to an MBA Student and Rs. 16 LPA by Microsoft IDC to 2 students of Computer Engineering

2.11 Games and Sports

The department has been very active in promoting sports activities and inculcating healthy sportsman spirit among the students. The students brought laurels by winning several prizes and became overall champion in all INDIA sports tournaments MST'12. The institute team won several prizes at tournaments organized by Birla Institute of Science and Technology, Pilani, SVNIT Surat and LNMIIT Jaipur.



2.12 Staff Position

The staff position is as follows

Sanctioned Faculty strength (Including Director)	306
Faculty in Position (Including Director)	167
Administrative Staff in position	7
Ministerial Staff in position	47
Technical staff in position	46
Supporting Staff	78

2.13 Notable achievements

Placement

Training is an important component of any technical programme. Students are facilitated in their Endeavour to join training & summer internships where they learn the real world application of their education. Students have been offered summer internships in Germany, Canada, Singapore, South Korea, Finland, and in premier institutes of our country- the IITs, Iisc, IIMs etc. 9 students have been selected for WISE scholarship by German Academic exchange programme.

122 companies including 7 PSUs visited the campus for recruitment. The number has almost doubled since 2005-2006, when it was 68. The highest & the average pay package have also witnessed a steady rise, the highest pay package this year being 19.99 LPA and the average 5.37 LPA. Moreover, the highlight of the placements is that more than 50% students were offered core job profiles. The details are given in the chapter 4.10.

Faculty awards

Faculty members of the Institute won several awards and many prestigious organizations recognized contribution of the faculty members in engineering and honored them. The details are given in chapter 11.8.

Grants and R& D Projects

Sponsored research projects and Consultancy Projects worth approximately 5.81 crores are currently under progress at the Institute. The consultancy revenue generation has also increased in the Institute. The details are provided in chapter 11.3. The Institute has been selected for TEQIP phase II. The procurement of equipment is being done under TEQIP phase II.

Some of the high lights are as follows.

Amount of consultancy received in year	Rs. 1.78 crores
Number of Consultancy Projects in year	120
:Average consultancy amount	Rs. 1.48 Lakhs
Amount of R&D fund received	Rs. 4.03 crores
Number of R&D projects in which this fund	42
Average amount received in a R&D Project	Rs 9.6 Lakhs



3.0 THE STAFF

3.1 Academic staff (Teaching) (As on 31.03.2013)

Designation	Name	Qualification
Director	Prof. I.K. Bhat	Ph.D.

DEPARTMENT OF ARCHITECTURE

Designation	Name		Qualification
Professor	1.	Shri Alok Ranjan	B.Arch., M.U.R.P.(Hons.)
	2.	Shri Rajeev Shringi	B.Arch. , M. Palng. (Urban Planning)
Associate Professor	1.	Ms. Rina Surana	B.Arch., M. Arch. (Urban Design)
	2.	Shri R.N. Sharma	B.Arch., M.U.P.,M. Plan
	3.	Mrs. Kalpana Pandit	B.Arch., M.U.P., M. P lan
	4.	Shri Tarush Chandra	B. Arch., P.G. Dip. Plng. (Urban & Regional Plan)
	5.	Mrs. Meenu Varshney	B.Arch.
Assistant Professor	1.	Shri Ashok Pareek	B.Arch.
	2.	Shri Satish Pipralia	B.Arch., MURP
	3.	Shri Nand Kumar	B.Arch., M. Arch.
	4.	Shri Nischal Jain	B. Arch., M.Des.



DEPARTMENT OF CHEMICAL ENGINEERING

Designation	Name		Qualification
Professor	1.	Dr. S.P. Chourasia	B.Tech., M.Tech., Ph.D.
	2.	Dr. Alok Gupta	B.Tech., M.Tech., Ph.D.
Associate Professor	1.	Dr. R.K. Vyas	B.E., M.E., Ph.D.
	2.	Dr. Prabhat Pandit	B.Tech., M.Tech., Ph.D.
	3.	Dr. S.K. Jana	B.Tech., M.Tech., Ph.D.
	4.	Dr.(Mrs.) Suja George	B. Tech., M. Tech., Ph.D.
	5.	Dr. Kailash Singh	B. E., M.Tech., Ph.D.
Assistant Professor	1.	Dr. Manish Vashistha	B. E., M.Tech., Ph.D.
	2.	Dr. Madhu Agarwal	B. Tech., M.Tech., Ph.D.
	3.	Shri Sushant Upadhyay	M.Tech.
	4.	Shri Rajeev Kumar Dohre	M.Tech.
	5.	Shri Shiv Om Meena	M.Tech.



DEPARTMENT OF CIVIL ENGINEERING

Designation	Name		Qualification
Professor	1.	Dr. A.B. Gupta	B.E., M.Tech., Ph.D.
	2.	Dr. Y.P. Mathur	B.E., M.E., Ph.D.
	3.	Dr. B.L. Swami	A.M.I.E., M.E., Ph.D.
	4.	Dr. Rohit Goyal	B.E., M.E., Ph.D.
	5.	Dr. Gunwant Sharma	B.E., M.Tech., Ph.D.
	6.	Dr. A.K. Vyas	B.E., M.E., Ph.D.
	7.	Dr. Sudhir Kumar	B.E., M.E., Ph.D.
	8.	Dr. Ravindra Nagar	B.E., M.Tech., Ph. D.
Associate Professor	1.	Dr. J.K. Jain	B.E., M.E., Ph. D.
	2.	Dr. (Mrs.) Urmila Brighu	B.E., M.Tech., Ph.D.
	3.	Dr. Sanjay Mathur	B.E., M.E., Ph.D.
	4.	Dr. Mahendra Choudhary	B.E., M.E., Ph.D.
	5.	Dr. Ajay Singh Jethoo	B.E., M.E., Ph.D.
	6.	Dr. R.C. Gupta	B.E., M.E., Ph.D.
	7.	Dr. M.K. Shrimali	B.E., M. Tech., Ph.D.
	8.	Dr. Sandeep Choudhary	B.E., M.E., Ph.D.
	9.	Dr. S.K. Tiwari	B.E., M. Tech., Ph. D.
	10.	Dr. S.D. Bharti	B.E., M. Tech. Ph.D.
	11.	Shri Rajesh Gupta	B.E., M.E.
Reader	1.	Dr. Mahesh Kumar Jat	B.E., M.E., Ph.D.
Assistant Professor	1.	Mrs. Nivedita Koul	B.E., M.E.
	2.	Dr. Pawan Kalla	B.E., M.E., Ph.D.
	3.	Shri Arun Gaur	B.E., M.E.
	4.	Dr. Sumit Khandelwal	B.E., M.E., Ph.D.
	5.	Dr. (Mrs.) Meena Khwairpakam	M.Tech., Ph.D.
	6.	Dr. Vinay Agarwal	B.E., M.E., Ph.D.
	7.	Dr. Pandit Venkata Ramana	M. Tech., Ph.D.
	8.	Dr. Sandeep Shrivastava	M. Tech., Ph.D.
	9.	Ms. Putul Haldar	M. Tech.



DEPARTMENT OF COMPUTER ENGINEERING

Designation	Name		Qualification
Professor	1.	Dr. M.C. Govil	B.E., M.E., Ph.D.
	2.	Dr. M.S. Gaur	B.E., M.E., Ph.D.
Associate Professor	1.	Dr. Girdhari Singh	B.E., M.S. (Software), Ph.D.
	2.	Dr. (Mrs) Vijay Laxmi	B.E., M. Tech., Ph.D.
Assistant Professor	1.	Dr. (Mrs.) Neeta Nain	M.C.A., Ph.D.
	2.	Dr. (Mrs.) Namita Mittal	M.C.A., Ph.D.
	3.	Dr. Dinesh Goplani	B.E. M. Tech., Ph.D.
	4.	Dr. Mushtaq Ahmed	B.E, Ph.D.
	5.	Ms. Meenkshi Tripathi	M. Tech.
	6.	Shri Yogesh Kumar Meena	M. Tech.
	7.	Shri Ramesh Babu Battula	M. Tech.



DEPARTMENT OF ELECTRICAL ENGINEERING

Designation	Name	Qualification
Professor	1. Dr R. A. Gupta	B.E., M.E., Ph.D.
	2. Dr. Mool Singh	B.E., M.E., Ph.D.
	3. Dr. K.R. Niazi	B.E., M.E., Ph.D.
	4. Dr. Manoj Fozdar	B.Sc., (Engg.), M.Sc. (Engg.), Ph.D.
Associate Professor	1. Shri A.K. Agarwal	B.E., M. Tech.
	2. Mrs. Nikita Jhajharia	B.E., M.E.
	3. Shri V.K. Jain	B.E., M.E.
	4. Dr. Vikas Gupta	B.E., M.E., Ph.D.
	5. Shri V.S. Pareek	B.E., M.E.
	6. Shri P.K. Agarwal	B.E., M.E.
	7. Dr. Harpal Tiwari	B.E., M.E., Ph.D.
	8. Dr. Rajesh Kumar	B.E., M.E., Ph.D.
	9. Shri Rajiv Tiwari	B.E., M.E.
Assistant Professor	1. Shri Mukesh Kumar Shah	B.E., M. Tech.
	2. Dr. Nikhil Gupta	B.E., M. Tech., Ph.D.
	3. Dr. Anil Swarnkar	B.E., M. Tech., Ph.D.
	4. Mrs. Perna Jain	B.E., M.E.
	5. Dr. Rohit Bhakar	B.E. M.E., Ph.D
	6. Mrs. Kusum Verma	B.E., M. Tech.
	7. Dr. Nitin Gupta	B.E., M. Tech., Ph.D
	8. Shri Hemant Meena	B. Tech., M. Tech.,



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Designation	Name		Qualification
Professor	1.	Dr. Sandeep Sancheti	B.E., M.Sc. (Engg.), Ph.D.
	2.	Dr. R.P. Yadav	M.Sc., M.Tech., Ph.D.
Associate Professor	1.	Shri Sanjeev Agarwal	B.E., M. Tech.
	2.	Dr. Mohd. Salim	B.E., M. Tech.
	3.	Shri M.M. Sharma	B.E., M. Tech.
	4.	Shri Rakesh Bairathi	B.E., M. Tech.
	5.	Dr. Vinit Sahula	B.E., M. Tech., Ph.D.
	6.	Dr. K.K. Sharma	B.E., M.E., Ph.D.
	7.	Shri D. Boolchandani	B.E., M. Tech.
	8.	Shri Tarun Verma	B.E., M.E.
	9.	Shri Lava Bhargava	B.E., M.E.
	10.	Dr. Vijay Janyani	B.E., M.E., Ph.D.
Assistant Professor	1.	Dr. Ritu Sharma	B.E. , M.Tech.,Ph.D.
	2.	Dr. Ghanshyam Singh	B.E. ,M.Tech., Ph.D.
	3.	Shri Ashish Kumar Ghunawat	M.Tech.
	4.	Dr. C.Periasawmy	B.E. ,M.Tech., Ph.D.



DEPARTMENT OF MECHANICAL ENGINEERING

Designation	Name		Qualification
Professor	1.	Prof. P.K. Saxena	B.E., M.E., Ph.D.
	2.	Dr. Gopal Agarwal	B.E., M.E., Ph.D.
	3.	Dr. M.P. Poonia	B.E., M.E., Ph.D.
	4.	Dr. S.L. Soni	B.E., M.Tech., Ph.D.
	5.	Dr. A.P.S. Rathore	B.E., M.B.A., Ph.D.
	6.	Dr Rakesh Jain	BE., P.G.D.I.E. Ph.D.
Associate Professor	1.	Dr. G. S. Dangayach	B.E., M.Tech., Ph.D.
	2.	Dr. Jyotirmay Mathur	B.E., M. Tech., Ph.D.
	3.	Dr. A.K. Bhardwaj	B.E., M.E., Ph.D.
	4.	Dr. Dilip Sharma	B.E., M.E. Ph.D.
	5.	Dr G.D. Agarwal	B.E., M.Tech. Ph.D.
	6.	Dr M.L. Mittal	B.E., M.E. Ph.D.
	7.	Shri N.S.Yadav	B.E.
	8.	Shri Amit Panchariya	B.E., M.Tech.
	9.	Dr.T.C. Gupta	A.M.I.E., M.Tech., Ph.D.
	10.	Dr. Nirupam Rohtagi	B.E., M.E., Ph.D.
	11.	Dr. Himanshu Choudhary	M. Tech., Ph.D.
Assistant Professor	1.	Shri Makhan Lal Meena	M.Tech.
	2.	Shri Mukesh Kumar	B.Tech., M. Tech.
	3.	Ms. Anoj Meena	B.E., M.Tech.
	4.	Dr. Gunjan Soni	B.E., M.Tech. Ph.D.
	5.	Dr. Harlal Singh Mali	B.E., M.Tech. Ph.D.
	6.	Dr. Amit Singh	B.Tech., M.Tech. Ph.D.
	7.	Dr. Dinesh Kumar	M.Tech. Ph.D.
	8.	Dr. Amar Patnaik	B.E., M.Tech. Ph.D.



DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING

Designation	Name		Qualification
Professor	1.	Dr. Ashok Sharma	B.Sc., B.E., M.E., Ph.D.
	2.	Dr. P.R. Soni	M.Sc., M.E., Ph.D.
	3.	Dr. C.P. Sharma	B.E., M.E., Ph.D.
	4.	Dr. A.K. Bhargava	B.E., M.E., Ph.D.
	5.	Dr. Upendra Pandel	B.E., M.E., Ph.D.
Associate Professor	1.	Dr. (Mrs.) Munan Mandira	M.Sc., M.E., Ph.D.
	2.	Dr. N. C. Upadhyay	B.Tech. , M.E., Ph.D.
	3.	Dr. Y.V.S.S. Prasad	B.E., M.Tech., Ph.D.
	4.	Dr. V.K. Sharma	B.E., M.E., Ph.D.
	5.	Dr. S.K. Gupta	B.E., M.E., Ph.D.
Assistant Professor	1.	Shri Rajendra Kumar Duchaniya	B.E., M.Tech.
	2.	Dr. Vinod Kumar	B.Tech., M.Tech. Ph.D.

DEPARTMENT OF CHEMISTRY

Designation	Name		Qualification
Professor	1.	Dr. K.D.Gupta	M.Sc. (USA), Ph.D.
Associate Professor	1.	Dr. (Mrs.) Jyoti Joshi	M.Sc., Ph.D.
	2.	Dr. (Ms.) Ragini Gupta	M.Sc., Ph.D.
Assistant Professor	1.	Dr. Mukesh Jain	M.Sc., Ph.D.
	2.	Dr. Raj Kumar Joshi	B.Sc., M.Sc., Ph.D.
	3.	Dr. Sandeep Choudhary	B.Sc., M.Sc., Ph.D.



DEPARTMENT OF HUMANITIES

Designation	Name		Qualification
Associate Professor	1.	Dr. V.S. Shekhawat	M.A., M.Phil., Ph.D.
	2.	Dr. (Mrs.) Nupur Tandon	M.A., Ph.D.
	3.	Mrs. Nanny Tripathi	M.A., M.Phil.
Assistant Professor	1.	Dr. (Ms.) Geetanjali Sharma	B.Com., M.A., Ph.D.
	2.	Dr. (Mrs.) Dipti Sharma	B.A., M.A., Ph.D.
	3.	Dr. (Mrs.) Preeti Bhatt	B.Sc., M.A., Ph.D.

DEPARTMENT OF MATHEMATICS

Designation	Name		Qualification
Professor	1.	Dr. K.C. Jain	M.Sc., Ph.D.
	2.	Dr. (Mrs.) Rashmi Jain	M.Sc., Ph.D.
	3.	Dr. (Mrs.) Kantesh Gupta	M.Sc., M.Phil, Ph.D.
Associate Professor	1.	Dr. (Mrs.) Nilama Gupta	M.Sc., Ph.D.
	2.	Dr. (Mrs.) Vatsala Mathur	M.Sc., Ph.D.
Reader	3.	Dr. R.C. Soni	M.Sc., M.Phil, Ph.D.
Assistant Professor	1.	Dr. Sanjay Bhatler	M.Sc., Ph.D.
	2.	Dr. (Mrs.) Santosh Choudhary	M.Sc., M.Phil, B.Ed.Ph.D.



DEPARTMENT OF PHYSICS

Designation	Name		Qualification
Professor	1.	Dr. S.K. Sharma	M.Sc., Ph.D.
	2.	Dr. K.C. Swami	M.Sc., Ph.D.
Associate Professor	1.	Dr. (Mrs.) K. Sachdev	M.Sc., Ph.D.
Assistant Professor	1.	Dr. K.Venkatratnam Kamma	B.Sc., M.Sc., Ph.D.
	2.	Dr. Srinivasa Rao Nelamarri	B.Sc., M.Sc., Ph.D.
	3.	Dr. Rahul Singhal	B.Sc., M.Sc., Ph.D.
	4.	Dr. Sujjin B.Babu	B.Sc., M.Sc., Ph.D.

DEPARTMENT OF MANAGEMENT STUDIES

Designation	Name		Qualification
Assistant Professor	1.	Dr. Monika Sharma	BE, MBA, Ph.D.
	2.	Dr. Satish Kumar	B.Com., MBA, Ph.D.



3.2 Non-Academic Staff (Non- Teaching as on 31.03.2013)

ADMINISTRATIVE & OTHER STAFF

(a) Chief Academic & Executive Officer

S.No.	Designation	Name	Qualification
1.	Director	Prof. I.K. Bhat	Ph.D.

(b) Administrative Staff

S.No.	Designation	Name	Qualification
1.	Registrar	-	
2.	Dy. Registrar	Shri Diler Singh (On deputation)	B.A., LLB
3.	Assistant Registrar	1. Shri Bhurendra Singh	B.A., L.L.B.
		2. Dr. (Mrs.) Suman Rathore	M.A., Ph.D.
		3. Shri Jayant Shurma (on deputation)	M.Com.
		4. Shri Tara Chand (on deputation)	B.Com.
		5. Shri Panna Ram Mali (on deputation)	B.A.
4.	Executive Engineer	-	-
5.	Assistant Executive Engineer	Shri C.M.Saini	AMIE
6.	Librarian	-	-
7.	Deputy Librarian	-	-
8.	Assistant Librarian	Shri Deep Singh	M.A., (Pub. Adm.) & M.L.I.Sc.



9.	Senior Medical Officer	-	-
10.	Medical Officer	-	-
11.	Senior SAS Officer	-	-
12.	SAS Officer	Dr. Subir Debnath	B.P.E, M.P.E., M.Phil, NET, NSNIS(Football), PGDHRM, Ph.D.

3.3 Statement Showing The Staff Position

(a) Academic Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2013)
1.	Director	1	1
2.	Professor	44	31(37 -3-3)
3.	Associate Professor/Reader	87	63(68+3 -8)
4.	Assistant Professor	175	72(61+8+3)

S. No.	Name of Cadre	Total sanctioned posts	Officers/ officials structured in the cadre
A.	Officers (10 percent of faculty strength)	31	07
1.	Registrar	1	--
2.	Deputy Registrar	3	--
3.	Assis tant Registrar	8	2
4.	Executive Engineer	1	--
5.	Assistant Executive Engineer	2	1
6.	Librarian	1	--
7.	Deputy Librarian	1	--
8.	Assistant Librarian	2	1
9.	Senior Medical Officer	1	--
10.	Medical Officer	2	--
11.	Senior Student Activity and Sports (SAS) Officer	1	--



12.	Student Activity and Sports (SAS) Officer	2	1
13.	Principal Scientific/ Technical Officer	1	--
14.	Senior Scientific/ Technical Officer	1	1
15.	Scientific/ Technical Officer	3	1
16.	Security Officer	1	0
B.	Technical Higher (30 percent of faculty strength)	92	11
1.	PB-2 with grade pay of Rs 4200/-	41	02
2.	PB-2 with grade pay of Rs 4600/-	31	04
3.	PB-2 with grade pay of Rs 4800/-	20	05
C.	Technical Lower (30 percent of faculty strength)	92	35
1.	PB-1 with grade pay of Rs 2000/-	41	03
2.	PB-1 with grade pay of Rs 2400/-	31	12
3.	PB-1 with grade pay of Rs 2800/-	20	00
4.	PB-2 with grade pay of Rs 4200/-	00	20
D.	Ministerial Higher (08 percent of faculty strength)	19	06
1.	PB-2 with grade pay of Rs 4200/-	07	00
2.	PB-2 with grade pay of Rs 4600/-	06	00
3.	PB-2 with grade pay of Rs 4800/-	06	06
E.	Ministerial Lower (17 percent of faculty strength)	58	41
1.	PB-1 with grade pay of Rs 2000/-	30	08
2.	PB-1 with grade pay of Rs 2400/-	16	04
3.	PB-1 with grade pay of Rs 2800/-	08	01
4.	PB-2 with grade pay of Rs 4200/-	04	28
F.	Supporting Staff (15 percent of faculty strength)	45	78
1.	PB-1 with grade pay of Rs 1800/-	20	09
2.	PB-1 with grade pay of Rs 1900/-	15	16
3.	PB-1 with grade pay of Rs 2000/-	10	25
4.	PB-1 with grade pay of Rs 2400/-	00	28
	GRANT TOTAL (110 percent of faculty strength)	337	178



3.4 Working Hours

The Institute during the year under report observed the following working hours:

1	Academic Departments	8.00 a.m. to 5.00 p.m. Monday to Friday
2	For employees working in the Administrative Block	-do-
3	Hostels	Round the clock (shift wise)
4	Estate Department	8.00 a.m. to 5.00 p.m. on all the days of the week and on Sunday, a few members of the staff are called on duty to attend emergency service s.
5	Library	Shift wise



4. TEACHING PROGRAMME

4.1 Courses Offered :

The Institute offers courses of study leading to Bachelor of Technology Degree in Civil, Mechanical, Electrical, Electronics & Communication, Information Technology, Metallurgical & Materials, Chemical, Computer Engineering and B. Architecture in Architecture Dept. Full Time/Part Time Master of Technology Degrees in Water Resources Engineering (Civil Engg. Dept.), Environmental Engineering (Civil Engg. Dept.), Power System (Electrical Engg. Dept.), Metallurgical & Materials Engg. (Metallurgical & Materials Engg. Dept.), Electronics & Communication Engg. (Electronics &

Comm. Engg. Dept.), Transportation Engg. (Civil Engg. Dept.), Manufacturing System Engg. (Mech. Engg. Dept.), Structural Engg. (Structural Engg. Dept.), Chemical Engg. (Chemical Engg. Dept.), Energy Engg. (Mechanical Engg. Dept.), VLSI Design (Electronics & Comm. Engg. Dept.), Computer Engg. (Computer Engg. Dept.), Disaster Assessment and Mitigation (Civil Engg. Dept.), M. Planning [Urban Planning] (Architecture Dept.), M. Sc. in Physics Dept., M. Sc. in Chemistry Dept., M. Sc. in Mathematics Dept. are also offered. A full time M.B.A., Technology Management is also offered.

The medium of instruction and examination is English.

4.2 Course-wise Enrolment

Course-Wise Enrolment of undergraduate B.Tech./B. Arch. Programme through CCB, DASA, ICCR and MEA during the session 2012-13

Branch/Duration	Total registered students					Total
	I Year	II year	III Year	Final Year	Final Year Arch.	
Architecture (5 years)	66	58	64	50	41	279
Civil Engg. (4 years)	101	92	90	99		382
Chemical Engg. (4 years)	93	93	89	77		352
Computer Engg. (4 years)	110	97	99	88		394
Electrical Engg. (4 years)	96	90	90	80		356
Electronics & Communication Engg. (4 years)	102	96	92	100		390
Information Technology (4 years)*	00	88	86	76		250
Mechanical Engg. (4 years)	109	112	106	90		417
Metallurgical Engg. (4 years)	92	86	76	63		317
TOTAL	769	812	792	723	41	3137



* Zero session 1st & 2nd Year

4.3 Course Wise Admission Statistics-UG/PG Programmes

(a) Seat distribution for Students admitted to Undergraduate B. Tech./B.Arch. programmes through AIEEE during the session 2012-13

S. No.	Programme	Nos. of seats allotted to students belonging to					
		SC	ST	OBC	PWD	GC	Total
1.	Architecture & Planning	9	4	17	2	30	62
2.	Chemical Engg.	13	7	25	2	45	92
3.	Civil Engg.	14	6	24	3	45	92
4.	Computer Engg.	14	7	24	3	45	93
5.	Electronics & Communication Engg.	14	7	24	2	46	93
6.	Electrical Engg.	13	7	25	3	45	93
7.	Information Technology *	14	7	24	3	44	92
8.	Mechanical Engg.	13	7	25	3	45	93
9.	Metallurgical & Materials Engg.	13	7	25	3	44	92
		117	59	213	24	389	802

* zero session



(b) Students admitted to Postgraduate Programmes during the session 2012-13

(i) Full Time M.Tech./M.Plan./M.Sc./M.B.A. programmes

S. No.	Programmes	General	ST	SC	OBC	PWD	Sponsored	Part Time	Admitted
1.	Chemical Engineering	8	2	3	5	0	0	0	18
2.	Environmental Engg.	8	0	2	3	0	1	2	16
3.	Water Resources Engg.	2	0	3	0	0	0	0	5
4.	Structural Engg.	8	1	2	3	0	0	1	15
5.	Power Systems	10	2	3	5	1	0	0	21
6.	Transportation Engg.	8	1	2	3	0	0	1	15
7.	Manufacturing Sys. Engg.	10	2	3	5	0	3	3	26
8.	Metallurgical & Materials Engg.	10	2	3	5	0	0	0	20
9.	Electronics & Comm. Engg.	10	2	3	5	0	5	6	31
10.	VLSI Design	10	2	3	5	0	5	5	30
11.	Energy Engineering	10	2	2	5	1	2	5	27
12.	Computer Engineering	10	2	3	5	1	4	1	26
13.	Disaster Assessment and Mitigation	0	0	0	0	0	0	0	0
14.	Renewable Energy	11	2	3	5	1	0	0	22
15.	Urban Planning	7	0	3	0	0	0	1	11
16.	M. Sc. Physics	15	1	0	8	0	0	0	24
17.	M. Sc. Chemistry	13	1	2	6	0	0	0	22
18.	M. Sc. Mathematics	6	0	1	2	0	0	0	9
19.	M.B.A.	19	3	2	4	0	0	0	28



(ii) Ph.D. Programmes

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Electronics & Comm. Engg.	7	4
2.	Electrical Engg.	6	2
3.	Civil Engg.	11	6
4.	Chemical Engg.	4	1
5.	Computer Engg.	8	3
6.	Centre for Energy & Environment	3	0
7.	Mechanical Engg.	15	5
8.	Metallurgical & Materials Engg.	6	1
9.	Physics	2	2
10.	Chemistry	5	0
11.	Mathematics	2	2
12.	Humanities & Social Sciences	0	1
13.	Management Studies	3	1
	Grand Total	72	28



4.4 Students Total Strength (Under-Graduate)

Branch/Duration	Total registered students					
	I Year	II year	III Year	Final Year B. Tech	Final Year Arch.	Total
Architecture (5 years)	66	58	64	50	41	279
Civil Engg. (4 years)	101	92	90	99		382
Chemical Engg. (4 years)	93	93	89	77		352
Computer Engg. (4 years)	110	97	99	88		394
Electrical Engg. (4 years)	96	90	90	80		356
Electronics & Communication Engg. (4 years)	102	96	92	100		390
Information Technology (4 years)	00	88	86	76		250
Mechanical and materials Engg. (4 years)	109	112	106	90		417
Metallurgical Engg. (4 years)	92	86	76	63		317
TOTAL	769	812	792	723	41	3137

4.5 Hostels

There are twelve hostels for the students of our Institute. The details of rooms are as follows:

Hostel No.	Single Seated Rooms	Double Seated Rooms	Triple Seated Rooms	Total Capacity
Boy's Hostels				
Hostel - 1	72		36	180
Hostel - 2	72		36	180
Hostel - 3	72		36	180
Hostel - 4	72	36		144
Hostel - 5	182			182
Hostel - 6	72		36	180
Hostel - 7			75	225
Hostel - 8	212			212
Auribindo Hostel	986			986



Girl's Hostel				
Girls Hostel A Block	48		14	90
Girls Hostel B Block		68		136
Gargi Hostel	400			400
P.G. Hostel	16			16
GRAND TOTAL	2204	104	233	3111

Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

We have twelve hostels for the students of our Institute, Nine for boys three for girl students. The total capacity of hostels for male candidates is around 2500 and that for female candidates is around 650. Apart from accommodation for regular students, we have 60 well furnished guest rooms (40 for male candidates and 20 for female candidates) for research scholars, trainees of short term training programs, etc., visiting MNIT for short durations.

The hostels are equipped with modern facilities like net connectivity through Wi-Fi/ LAN, automatic laundry facilities, solar geysers etc., All hostels have manned security round the clock. All the hostel premises have large open areas with good landscaping and playgrounds.

Hostel Management

Each hostel is taken care of by hostel caretakers, and wardens. The council of warden is headed by Chief Warden. Council of wardens and mess committees meet regularly to discuss various issues related to hostels and mess.

Dining Facilities

Presently we are having mess facility in all hostels except Hostel no. 3, 4 and 5. The residents of these hostels are dining in messes attached with other hostels. The Mess in Aurobindo Hostel and Gargi Hostel (also catering to residents of Girls Hostel A

and B Block) are being operated by private service provider. All Messes have been renovated and are having modern facilities to facilitate proper hygiene. Mess Committee consisting of Mess Secretary and Student representatives Mess Members manage the mess. Entire salary of the mess servants is borne by the students themselves through MNIT Students Mess account. Mess committees supervise the daily menu, quality of food, cleanliness in the mess, etc.

Laundry Facilities

Modern laundry facilities have been installed in Aurobindo Hostel and Gargi Hostel for residents of Boys and Girls Hostel. Students are using these facilities through prepaid smart cards.

Solar Geysers

All hostels are equipped with solar geysers for hot water, which results in huge saving of energy.

Solar Steam Cooking System

Recently we have installed Solar Steam Cooking System in Gargi Hostel. The consumption of LPG shall reduce significantly with the use of Solar Steam Cooking System at full efficiency. This will also result in better nutritional values of cooked food.

Other Facilities

There is one Common Room for each hostel, having the facility of a colour television, and one Table Tennis table.



4.6 SCHOLARSHIP/ASSISTANCESHIP

The details for scholarships to postgraduate students, Ph. D. scholars, general scholarships and stipends and also state level scholarships for merit students/SC/ST/OBC (UG students) are given in chapter 11.11.

4.7 GAMES AND SPORTS

An important characteristic of the Physical education and Sport is its ability to draw upon a range of sciences to inform and advance in the fields of sport performance, exercise education, health and well-being through participation in various physical activities. Physical education and Sport will continue to pursue health and wellbeing mission for each students, staffs and their family members. The vision - "Fit MNIT fit India" and excellence in Games and Sports has develop a confident understanding of issues of all round development of

quality like personality, positive leadership, motivation, commitment, men managing, cardio respiratory development, general motor ability, quick decision making ability, body sculpture, stress free life, Fitness & current global significance of Olympic sports. Students, staffs and their family members are enjoying Institute's indoor sports facilities - Gymnasium, Badminton court and Billiard room & also have outdoor sports facilities - Tennis Courts(Flood Light), Volleyball Courts (Flood Light), basketball Courts(Flood Light), Cricket Nets, Cricket Field, Football Field and Athletic Track and Field. Physical Education and Sports have created and developed a positive and healthy sports culture in the Institute. Sports have given 02-credit in the B.Tech. (I-IVth semester) course curriculum (Creative Arts) which is unique example in NIT system of India.

4.8 Achievements in Games & Sports :

MNIT games and Sports have achieved a mile stone by winning with records for the period from 1st April 2012 to 31st March 2013 are as follows:

- a) In MST'13 (All India Invitational Sports Tournaments) MNIT became overall champion by winning 06 Winners Trophies in Basketball (Men), Badminton (Women), Cricket (Men), Table Tennis (Men & Women) and 04 Runners Up Trophies in Badminton (Men), Volleyball (Men) Chess (Men & Women) and Volleyball (Women).
- b) In COMPETE'13 (INTER NIT Sports MEET) organised by SV NIT Surat, MNIT team displayed well and played semifinals in Badminton (w) and Volleyball (w).
- c) In DESPORTIVOS' 13 (All India Invitational Sports Tournaments) organized by LNMIIT Jaipur MNIT won 03-medals in athletics and were runners up in Badminton (Men).
- d) MNIT participated All India Sports Tournament UDGHOSH'13 (IIT, kanpur, UP). With more than 12 Medals in Athletics, Power lifting, Tennis (W), Badminton (W) etc.
Organization (All India Level):
 - I. MNIT organized MST'13 in the month of Feb. 2013 (All India Invitational Sports Tournaments) where more than 500 students from different Engineering Colleges/Institutes participated in the 3-days tournament.
 - II. Annual Athletic meet and prize distribution was organized on January 12-13, 2013, where prizes

were given to winners of Athletic meet & Inter-Branch Tournaments.

Organization (Institutional Level):

In this session Inter-Branch Games and Sports tournaments was organized successfully. Improvised sports Tournaments as: Hongkong Sixes Cricket, 5- aside Football, 2+2 Volleyball and 2+2 Basketball were organized.

Awards & Publications Sports Department

Resource Person for National Seminar on Fitness, Yoga & Rehabilitation, February 18-20th 2013, Lakshmbai National University of Physical Education, Gwalior, MP, India

Research Papers Published in International Journals:

1. Pramod Singh and Subir Debnath (2013), "Relationship of visual and Nonvisual kinesthesia to the performance of perceptual motor skill," International Journal of Scientific Research, Vol.2(4). (ISSN 2277-8179). (Impact Factor: 0.3317)

List of Papers Presented at National Conferences

1. Subir Debnath and Pramod Singh (2013), " A Comparative study of fitness traits of Rajasthan Ranji and Under-19 Junior Cricketers", National Seminar on Fitness, Yoga & Rehabilitation, February 18-20th 2013, Lakshmbai National University of Physical Education, Gwalior, Proceedings: 4-8 (ISBN No. 978-81-89983-65-9).



4.9 Examination Details

(a) Results of Undergraduate Courses of final B.Tech./B. Arch. courses 2012-13

Disciplines	No. of students appeared	No. of students passed with CGPA on a 10-point scale			Registered in next semester	Total
		Above 7.75 CGPA	7.74 to 6.75 CGPA	6.74 to 5.0 CGPA		
Final B. Architecture (5-year course)	33	9	11	11	2	33
Final B. Tech. Civil Engg.	90	38	28	16	8	90
Final B. Tech. Chemical Engg.	67	23	28	13	3	67
Final B. Tech. Computer Engg.	73	19	30	24		73
Final B. Tech. (Information Technology)	71	27	26	13	5	71
Final B. Tech. Electrical Engg.	73	37	21	12	3	73
Final B. Tech. Electronics & Communication Engg.	73	31	22	17	3	73
Final B. Tech. Mechanical Engg.	65	21	21	20	3	65
Final B. Tech. Metallurgical Engg.	51	18	19	10	4	51

(b) Results of Postgraduate Courses of final year M.Tech./M.Sc./MBA 2012-13

Disciplines	No. of students appeared	No. of students passed with CGPA on a 10-point scale			Registered in next semester	Total
		Above 7.75 CGPA	7.74 to 6.75 CGPA	6.74 to 5.0 CGPA		
M. Tech. in Environmental Engg.	28	21	5	1	1	28
M. Tech. in Water Resources Engg.						
M. Tech. in Transportation Engg.	27	11	13		3	27
M. Tech. in Power Systems	26	10	9	5	2	26
M. Tech. in Electronics & Comm. Engg.	28	22	5		1	28
M. Tech. in Manufacturing System Engg.	28	15	8	4	1	28
M. Tech. in Met. & Mat. Engg.	13	10	3			13
M. Tech. in Structure Engg.	21	13	6			21
M. Tech. in Chemical Engg.	21	10	11			21
M. Tech. in VLSI Design	22	20	2			22
M. Tech. in Energy Engg.	24	15	7	1	1	24
M. Planning in Urban Planning	7	2	2	3		7
M. Tech. in Computer Engg.	21	13	6	2		21
M.Sc. in Chemistry	29	24	5			29
M. Sc. in Physics	7	2	3	2		7
MBA	42	11	17	10	4	42



4.10 Training and Placement

Training

Practical Training is an important part of any technical curriculum.

Summer Internship offers Students an Opportunity to work in a professional space, to acquaint themselves with the real world application of technologies they learn on the campus and to enhance their technical skills.

This exposure will help them to deliver their best when they join the industry as working professionals.

Main aim is to prepare young students to face challenges of industry when they step into the professional world. The Placement and Training Cell facilitates the practical training of students in Companies/ Industries/ Organizations of National and International repute. Some of the students also get Research Internship offers from Germany, Canada, UK, Singapore, South Korea, Finland etc. Number of students receiving international internship is increasing. Students also go for research projects as summer interns in IIT's, IISc, IIM's and CEERI Pilani.

In the Academic Session 2012-13, a few third year students are selected as interns in some reputed firms.

1. Infoedge chose 2 students (1 from Computer Engineering and 1 from Information Technology).
2. INTAP LABS selected 3 students (2 from Electronics & Communication Engineering and 2 from Computer Engineering).
3. 9 MNIT students have also been awarded "Working Internship in Science and Engineering (WISE) Scholarship" for summer internship during May-June-2013 by German Academic Exchange Programme (DAAD).

The Placement & Training Cell also organizes Expert Lectures to enlighten students

With technologies prevailing in the industry and to motivate them to face the challenges of the industry.

Placement

The Placement Cell has been active in arranging training and placement for students. This year a total of 122 companies visited the Campus and selected 561 (500 B.Tech, 6 B. Arch. 46 M.Tech, 5 M. Sc. . and 4 MBA) students. Maximum and Average Packages offered by companies were Rs. 19.99 Lakhs to a MBA student, Rs16.00 Lakhs P.A. (MICROSOFT IDC) to two students of Computer Engineering. The Average pay package was Rs. 5.37 Lakhs per annum.



5. RESEARCH AND DEVELOPMENT ACTIVITIES

The functioning of the Office of Dean, Research & Consultancy (ODRC) has been revamped, and the New Rules for "Industrial Consultancy and Sponsored Research" have been framed and notified to be effective from 7th May 2012. ODRC is the nodal Office for all the research/consultancy projects in the Institute; the ODRC maintains all the financial records to the projects. The approved

project bears the project Identification Number. Under the New Rules the Institute encourages Academic Staff to undertake Sponsored Research projects in the niche area, the New Rules/Guidelines have been framed to create conducive environment for the same.

Some of the salient data for the year is as follows.

Amount of consultancy received in year	Rs. 1.78 crores
Number of Consultancy Projects in year	120
:Average consultancy amount	Rs. 1.48 Lakhs
Amount of R&D fund received	Rs. 4.03 crores
Number of R&D projects in which this fund	42
Average amount received in a R&D Project	Rs 96 Lakhs

5.1 Ph.D. Programmes

The Institute offers a full time/part time advanced programme leading to the Ph.D. degree in the areas of Engineering/Technology/Sciences/Humanities & Social Sciences, Management. Admission to these programmes is open to individuals from all disciplines, twice a year, for the Autumn (July) and Spring (January) semesters. The admission process

is based on the past academic record, a research proposal, references and a personal interview. Upon admission students have to complete minimum course requirements and clear a comprehensive examination before commencing with their doctoral research under the guidance of a supervisor and research committee of the student concerned. The Institute offers a variety of competitive scholarship and assistance to full-time Ph.D. students.

Minimum Qualifications	Normal duration	Maximum duration
B.Tech./M.Sc./MBA	Full Time: 6 Semesters	10 Semesters
M.Tech.	Part Time: 4 Semesters	10 Semesters

5.2 Details of Ph.D.

The Institute offers a full time/part time advanced programme leading to the Ph.D. degree in the areas of Engineering/Technology/Sciences/Humanities & Social Sciences, Management. Admission to these programmes is open to individuals from all disciplines, twice a year, for the Autumn (July) and Spring (January) semesters. The admission process is based on the past

academic record, a research proposal, references and a personal interview. Upon admission students have to complete minimum course requirements and clear a comprehensive examination before commencing with their doctoral research under the guidance of a supervisor and research committee of the student concerned. The Institute offers a variety of competitive scholarship and assistance to full-time Ph.D. students.



Details of Ph.D. awarded from 1st April 2012 to 31st March 2013

Branch	Total degrees
Chemical Engg.	2
Civil Engg.	10
Computer Engg.	4
Electrical Engg.	10
Electronics & Comm. Engg.	2
Mechanical Engg.	3
Metallurgical and Materials sciences	2
MBA	3
Mathematics	1
Humanities & Social Sciences	1
TOTAL	38

5.3 Proposed Plan for Research

Each department of the Institute has identified its area of strength and intends to focus on these areas for best results. Full-Time Ph.D. student ships are also proposed to attract engineering graduates to pursue research at the Institute.

5.4 Centre for Energy and Environment

- Dr. Sanjay Vashistha, Director, Firstgreen Consulting Pvt. Ltd. delivered invited lecture on 'Technology Trends in Solar Energy' on July 27, 2012. Dr. Vashistha explained current and future technology trends in solar photovoltaic systems, and discussed opportunities and issues in large scale solar power plants.
- Sustainable Energy and Environment Quiz (SEEQ-2012) was organized by the Centre on August 20, 2012 on the occasion of Rajiv Gandhi Akshay Urja Diwas. More than 400 students from 20 Institutes participated in the event. Indian Society for Heating Refrigeration and Air-conditioning Engineers (ISHRAE) and Rajasthan Electronics and Instrumentation Ltd. (REIL) were organizing partners in the event. South Asian Forum for

Energy Efficiency (SAFE) and Rajasthan Renewable Energy Corporation Ltd. (RRECL) provided support for the event.

- Dr. P.C. Jain, Chairman, Indian Green Building Council visited the Centre for Energy and Environment and delivered invited talk on 'Scope of engineers and architects in Green Buildings' on August 30, 2012. More than 100 students and faculty members attended the interactive session with Dr. Jain.
- Mr. M. Anand, Sr. Counselor, CII-Godrej Green Business Centre delivered invited lecture on 'Green Building Rating Systems' on Sept 6, 2012.
- Mr. Richard Rooley, former President ASHRAE, visited the Centre for Energy and Environment on Sept 12, 2012, and delivered a talk on 'Energy efficiency issues in air-conditioning systems'. More than 100 students, research scholars from different departments participated in the event. The program was supported by ASHRAE-India Chapter and ISHRAE MNIT Student chapter.
- Ozone Day was celebrated by the Centre for Energy and Environment on Sept 16, 2012.



One day prior to this day, poster making competition for school children was organized. One movie on climate change was also shown to children. On Sept 16th, a guest lecture by Dr. C. Ghosh, Delhi University was organized 'Demystifying Ozone Depletion' and poster competition for college students was organized. About 150 students attended the lecture and 60 participated in the poster making competition, including 25 entries from outside MNIT.

- A round table discussion on 'Promoting green and energy efficient buildings in Rajasthan' was organized by the Centre for Energy and Environment in association with IGBC-Jaipur chapter and CII-Rajasthan Section on September 22, 2012 at the Seminar room, Central Library, MNIT. Mr. Kishore Khaitan, former Chairman, CII-Rajasthan Section and IGBC-Jaipur President chaired the session. There were around 50 participants in the discussion including leading architects, builders, developers, consultants, interior designers, equipment suppliers and students. The event was organized on the occasion of World Green Building Week.
- An invited talk on 'Challenges and Opportunities for Entrepreneurship in Renewable Energy' was delivered by Mr. Ganesh Shankar, Director, FlexGEN, Bangalore on Sept 25, 2012. Mr. Ganesh also shared his experiences with General Electric's (GE) Aviation Technologies and Energy Technologies Group, and as R & D Engineer at Selco Solar, prior to founding Flex GEN.
- A Seminar on 'Thermal Energy Storage' was organized by the Centre for energy and environment in Association with Mechanical Engg. Dept. Mr. Sunil Kher, Secretary, ASHRAE-India Chapter, and CEO, Sevcon India Pvt. Ltd., New Delhi was the main speaker in the event. The event was supported by ISHRAE-Jaipur and was attended by 50 professionals, researchers, faculty members and students.
- Students of M.Tech. (Renewable Energy), Centre for Energy and Environment, visited the 6th Renewable Energy Expo at Greater Noida organized by Ministry of New and Renewable Energy and Ministry of Power, Govt. of India, on November 7-9, 2012. They interacted with more than 50 companies working in the field of energy and attended the technical sessions conducted by leading international experts covering recent advances in the field of renewable energy.
- Two Day National Training workshop on Environmental Impact Assessment was organized by Dr. Sanjay Mathur and Dr. Urmila Brighu on Nov. 20-21, 2012 at the Design Centre, MNIT. Dr. V.S. Singh, Additional Chief Secretary, Govt. of Rajasthan was the Chief Guest and Dr. D.N. Pandey, Member Secretary, Rajasthan Pollution Control Board was the Guest of Honor at the inaugural ceremony that was presided over by Prof. I.K. Bhat, director, MNITJ. Prof. Prasad Modak, from IIT Mumbai was the main trainer accompanied by Dr. D.N. Pandey, Dr. Sanjay Mathur, Dr. Urmila Brighu, Dr. Jyotirmay Mathur and Dr. S.K. Singh. Forty professionals working in the field of Environmental consultancy and representatives from Government agencies and research scholars participated in the program.
- A Two-day Certificate course was organized at the Centre for Energy and Environment on December 10-11, 2012. The course was entitled "Planning and Implementation of Solar PV Plants". The inaugural ceremony of the course was addressed by the Chief Guest, Prof. N.K. Bansal, SINTEX Chair Professor, CEPT University Ahmedabad, and the Guest of Honour, Sh. A.K. Jain, MD, REIL. The speakers lauded the course content and stressed the need to organize more programmes for the industry personnel and the academia. A total of 34 participants registered for the course. These included participants from industry, consultants, along with institutional participants.
- 2nd National Convention of IBPSA-India and Conference on 'Simulation of Buildings for Energy efficiency and Better Built Environment' was organized by the Centre for Energy and Environment, MNIT Jaipur in association on Dec. 21-22, 2012. IIIT Hyderabad, and CEPT University, Ahmadabad were partner Institutions and the event was supported by IGBC, ISHRAE and ISLE. Prof. Godfried Augenbroe, Georgia Tech University, USA was the Chief Guest of



- the event who also delivered keynote speech covering various areas of building simulation and present challenges. Mr. Tanmay Tathagat, EDS Global, New Delhi and Mr. Shishir Gupta, Mecharts India Pvt. Ltd also delivered their keynote speeches. Selected contributed papers from leading technical institutions including IIT Bombay, IIT Mandi, NIT Nagpur, NIT Hamirpur, NIT Jaipur, IIIT Hyderabad were presented on the first day. On the second day, two parallel hand-on training workshops on using energy simulation software were organized by IES-VE and Autodesk- VASARI. About 80 participants attended the conference and workshops.
- Students of Students of M.Tech. (Renewable Energy), Centre for Energy and Environment, visited the wind farm in Jaisalmer from Suzlon Energy, and 1 MW PV Power Plant from Lanco near Jodhpur in Rajasthan., in December 2012.
 - An invited talk on 'Insight into Star Labeling Program for Energy Efficiency of Appliances' was delivered by Dr. Sandeep Garg, Program Manager, UNDP-ZEF Project, New Delhi on January 31, 2013. Dr. Garg presented the approach that was adopted to formulate the star labeling program and highlighted importance of benchmarking and labeling for energy efficiency.
 - A half-day seminar on 'Building Integrated Photovoltaic Systems' was organized by the Centre on Feb. 11, 2013. Dr. William Bahnfleth, President Elect., ASHRAE and Professor at Pennsylvania State University, USA was the Chief Guest, Dr. Shiela Hayther, National Renewable energy Laboratory, Denver, USA was main speaker of the event. Mr. Richie Mittal from ASHRAE-India Chapter was also present during the program. Dr. Shiela presented case study of NREL's own net zero energy buildings where photovoltaic systems are being used extensively.
 - An invited talk on "Zero Energy Building / Sustainable Building was delivered by Prof. Charles J. Kibert (Rinker School / University of Florida, USA) on 15th February 2013 at Center for Energy Environment.
 - Centre for Energy and Environment in association with Mechanical Department organized an invited talk by Mr. Tom Watson, ASHRAE President on 4th March 2013 in New Senate Hall, Design Centre at 3.00PM onwards on 'Current research needs in HVAC'.
 - Dr. Jyotirmay Mathur presented an invited talk on 'Building Integrated Solar Energy Systems: Towards Net Zero Energy Buildings' at the Conference Solar Rajasthan - Tapping the Untapped organized by ASSOCHAM on March 15, 2013.
 - Mr. Lalit Joshi, Sr. Project Engineer at CEE, presented invited talk on 'Building Integrated Solar Energy Technologies & Future Possibilities' at the Conference on 'Renewable Energy in Rajasthan -Unleashing the Potential', on April 25, 2013.
 - One day training program on Energy Conservation Building Code was organized on May 25, 2013 by the Centre for Energy and Environment, at the Centre for Excellence in Design, MNIT. The program was organized in partnership with ISHRAE and with support from RRECL.
 - A Two Day 'Train The Trainer' Program for 'Energy Conservation Building Code' was conducted by the Centre for Energy and Environment, MNIT Jaipur on June 11-12, 2013, under the Capacity Building Scheme for ECBC Implementation, launched by Bureau of Energy Efficiency, Govt of India, and UNDP-GEF project. This program was first of its kind in the country in which successful candidates are declared 'ECBC Certified Trainers' jointly by MNIT and BEE. These certified trainers would now be conducting ECBC Compliance Training programs throughout the country through funding from BEE and mentoring from MNIT. Participation in the program was through invitation from BEE. The program was attended by building energy efficiency related professional such as Architects, HVAC and lighting consultants, government officials from Delhi, Uttar Pradesh, Uttarakhand, Madhya Pradesh, and Rajasthan. Dr. Jyotirmay Mathur was Coordinator of the program.



5.5 Institute- Industry Collaboration

Training Programme for Industry

S.No .	Activity	Dates
1	TIE Business Plan Competition	30/09/2012
2	Entrepreneurship Awareness Drive With IIT Roorkee	02/11/2012
3	Orientation Programme	10/08/2013

Entrepreneurship Awareness camp

S.No .	Activity	Dates
1	Entrepreneurship Awareness Camp	17/12/2012
2	Entrepreneurship Awareness Camps	07/03/2013
3	Entrepreneurship Awareness Camps	11/03/2013
4	Entrepreneurship Awareness Camps	13/03/2013
5	Entrepreneurship Awareness Camps	13/03/2013

1. Honours and Awards to Faculty Members

Dr. Awadhesh Bhardwaj, Coordinator IIP Cell and ED Cell was nominated as member of expert committee of National Science and Technology Entrepreneurship Development Board, Department of Science and Technology, ST, Govt. of India

5.6 Materials Research Centre

In order to augment the infrastructure for advanced research and to attain excellence in innovative research in materials technology, a centre of excellence, Materials Research Centre has been created under the able support and guidance of the competent authority.

The Materials Research Centre (MRC) aims to harness the talent resources of MNIT for promoting interdisciplinary researches in appropriate material technologies. Besides catering to the research needs of the institutional faculties, the state of the art research facilities of the Materials Research Centre will also be extended to the scientists and researchers of other institutes.

Faculty members from Metallurgical & Materials Engineering, Electronics & Communication Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Physics and Chemistry Departments have been participating in the

activities of the centre. Equipment of about 15 crores has been procured in the first phase and the Centre will be functional in a very short time.

Objectives :

1. Promotion of interdisciplinary research in areas of materials technology
2. To make the center internationally visible by way of achieving excellence in cutting edge research. Development of appropriate technology will be one of the main targets.
3. Active collaboration with institutes and universities of national and international repute.
4. Enhancement of sponsored research activities in materials technology.
5. Evolution of means to encourage industrial participation in technology development and research in areas of mutual interest. DSIR recognition can be an incentive to the industries.
6. Augmenting consulting activities; taking up joint projects with industries on new technology research and innovation
7. Catering to the need of new and upcoming generation of material scientists for carrying out sophisticated experiments.



5.7 Rajbhasha Cell

The Rajbhasha cell organized following activities during the year .

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. R. K. Vyas	Rajbhasha Workshop organized by IIPA, Bangalore	Jaipur	July 27-28, 2012
2.	Dr. Kailash Singh	Rajbhasha Workshop organized by IIPA, Bangalore	Jaipur	July 27-28, 2012
3.	Mr. Sushant Upadhyaya	Hindi Sammelan and Rajabhasha Workshop	Goa	November 6-8, 2012
4.	Mr. Anshu Saxena	Hindi Sammelan and Rajabhasha Workshop	Goa	November 6-8, 2012

Seminar/Conference/Workshop organized:

S. No.	Name of the Conveners	Designation	Title of Event	Place	Date(s)
1.	Dr. R. K. Vyas, Dr. Kailash Singh, Mr. Sushant Upadhyaya, and Mr. Anshu Saxena	Associate & Assistant Professors and Care Taker (Hostel)	Hindi Pakhwara 2012 – Inaugural Function	MNIT Jaipur	September 13, 2012
2.	Dr. Suman Rathore and Mr. Anshu Saxena	Asst. Registrar and Care Taker (Hostel)	Likhit Hindi Prashnottary	MNIT Jaipur	September 14, 2012
3.	Dr. Nupur Tandon and Mr. Anshu Saxena	Associate Professor and Care Taker (Hostel)	Hindi Nibandh Lekhan Pratiyogita	MNIT Jaipur	September 18, 2012
4.	Dr. R. K. Vyas and Mr. Sushant Upadhyaya	Associate & Assistant Professors	Hindi Vad-Vivad Pratiyogita	MNIT Jaipur	September 20, 2012



5.	Dr. Kailash Singh and Mr. Deep Singh	Associate Professor and Librarian	Hindi Kaavya paath Pratiyogita	MNIT Jaipur	September 22, 2012
6.	Dr. Kailash Singh and Mr. Deep Singh	Associate Professor and Librarian	Aashubhaashan Pratiyogita	MNIT Jaipur	September 24, 2012
7.	Dr. R. K. Vyas, Dr. Jyoti Joshi, Dr. Kailash Singh Mr. Sushant Upadhyaya, and Mr. Anshu Saxena	Associate & Assistant Professors and Care Taker (Hostel)	Hindi Pakhwara 2012 – Prize Distribution & Concluding Ceremony	MNIT Jaipur	September 27, 2012

5.8 Convocation

The Seventh convocation of the Malaviya National Institute of Technology, Jaipur was held on November 4, 2012. The institute is celebrating its Golden Jubilee this year, the inaugural ceremony of which was held on September 1, 2012.

A total of 934 degrees were awarded at this convocation. 38 students were awarded their doctoral degree.

Shri G. Madhavan Nair, a specialist in Rocket systems, presently president, International Academy of Astronautics (IAA), former Chairman ISRO was the Chief Guest. In his address he congratulated the youngsters who were being awarded degrees. He emphasized the importance of establishing superiority in advanced technologies and said that the real challenge was to embark on research and development activities. He reiterated that there were a large number of issues where indigenous technology solutions would have to be found. He said that the engineering community should identify key issues, adapt modern technology to solve these, engage in multidisciplinary team work and the focal motto should be selfless service to the society.

Prof. Sanjay Govind Dharde, Director IIT, Kanpur was the guest the Honour at the convocation. He also served as the Director- Mentor IIT Rajasthan. Prof. Dharde's ultimate societal objective is balanced growth in all spheres with the help of technical education & research. In his convocation address he said that the graduates & the fraternity develop bonds which extend well beyond education and degrees to create

a lifelong lasting emotional association. He said that his expectation from the students was that they be intelligent and wise voices in the community that they will serve and that they will bring reason & hope to all whom they touch in their professional & personal lives.

Prof. I.K. Bhat, the director MNIT presented the Directors Report. He said that on the inaugural day of the Golden Jubilee year September 1, 2012, Shri Kapil Sibal laid the foundation stone of a mega lecture hall complex, on the same day a new Centre of Excellence in Design was inaugurated by chairman Prof. K.K. agarwal. The chairman also inaugurated a fully modern Electrical Machines laboratory. Academic & Cultural activities have been planned in advance for the entire duration of the Golden Jubilee year. The activities include national/international conferences, seminars, symposia, invited lectures road shows etc.

He said that 27 faculty members were made the offer of joining MNIT as Assistant Professor. He mentioned with pride the various noteworthy projects undertaken by the faculty, the publication of papers and books. Two chair positions have also been established in the areas of steel & stone.

He enumerated the development in the infrastructure : additional water reservoirs multistoried residential block, learning resource centre, Lecture Hall complex and the computer centre.

He congratulated the students who received degrees and hoped that this would provide impetus to the junior students. Degrees awarded



Degrees Awarded

Branch	Total degrees
Architecture	33
B. Tech.	534
M. Tech.	248
M. Plan.	07
M. Sc.	36
MBA	38
Ph.D.	21
TOTAL	934

5.9 Golden Jubilee Celebrations

The greatest event in the life of an institute is its Golden Jubilee. The Golden Jubilee year for MNIT started on September 1, 2012.

The institute received congratulatory messages from Hon'ble Kapil Sibal, Minister of HRD, Communication and IT., Govt. of India, Shri Ashok Gehlot, Chief Minister, Rajasthan. Dr. Hari Gautam, President, Mahatma Gandhi University of Medical Sciences & Technology, Prof R.P. Yadav, V.C., RTU Kota, Prof. K.K. Agarwal, Chariman MNIT and Shri R.L. Toshniwal, Member BOG, MNIT.

The institute was established in 1963 with a temporary campus in Piloni, it started with 2 branches. It now offers B. Tech degrees in 7 disciplines, B. Arch, M. Tech, M. Arch and M. Sc. Degrees, and Ph. D in all disciplines.

The faculty members have projects with prestigious organizations not only in India but also Edinburgh, Glasgow, U.K. Portugal, Cape Town (South Africa) and Brazil.

The institute has signed MOUs with North Dakota State University and University of Saskatchewan, Canada.

Having successfully completed Phase I, MNIT has been selected for Phase II of TEQIP. It has been allocated Rs. 12.5 crore under this project. New

equipment has been purchased, every faculty member has been provided a personal computer and lap tops.

The students organize and participate in sports, cultural, co-curricular activities. They represent the institute at fests in IITs and other universities & colleges. A 3-days National level fest "BLITZSCHLAG" " is organized every year. The All India Advani Memorial Basketball Tournament has been reviewed and its 16th edition was held in October 2012.

Among eminent persons visiting the insitute are Hon'ble Abdul Kalam former President of India, Prof. Utpal Sharma CEPT, Prof. Dheeraj Sangi IIT, Kanpur, Prof. G. Siva Kumar, IIT Bombay, Prof. Sanjay Jain, NUS Singapore, Prof. Rajat Mona, IIT Kanpur, Dr. Jonas Aberg, Stockholm, Sweden, Dr. Lena Magnusson, Prof. Ranjan, ICFAI Hyderabad, Mr. Rakesh Kulshrestha, Executive Director SAIL and many others.

Activities for the Golden Jubilee year were systematically planned by Dr. S.L. Soni, Chairman Golden Jubilee with co-operation from his team and the entire staff of MNIT. 165 lecture,

12 international conferences, 17 national conferences, 16 seminars, 2 conventions, 18 workshops found their way to the GJ Calendar. The Department of Civil Engineering has planned 4 National conferences, Architecture, Chemistry,



Mathematics, and Chemical Engineering will host one conference each department of Electronics & Communication has planned 2 national & 1 international conference on recent trends in VLSI, wireless and optical transmission the Centre for Energy & Environment plans one national conference and 2 seminars on climate change & Solar Thermal Systems. Mechanical Engineering Department will host 2 National conventions on solar energy and production engineering, 2 international conferences on alternative fuels and a national conference on human body dynamics.

Department of Computer Science will organize of 2 National Conferences and the Department of Electrical Engineering will also have 2 National Conferences.

A National symposium will be held by Metallurgical and Materials Engineering Department.

The Department of Humanities & Science will organize an International Conference on Empowering the English language classroom.

The Department of Management studies plans a National conference on Management issues in era of Globalization an International conference on Management and Business innovations.

Inter departmental seminars on disaster management, water and food security, advancement in computer Engineering, advancement in production and operation management, women and girls in ICT, world Habitat Day etc have been planned. A National Conference on surface

modification of materials will be held.

The institute will see 18 educational workshops by Department of Architecture, Civil Engineering Humanities of Social Sc. Chemistry and Mech. Engineering Workshop on repair and rehabilitation of structures and remote Sensing will be organized by Civil Engineering Department. Department of Physics will hold a training workshop under phoenix. Curriculum workshops will be held by departments of Electrical & Mechanical Engineering Workshop on Ethics Morality and Creative thinking will be organized by Department of Humanities & Social Science.

Exhibition reflecting, creativity, intricate machines, futuristic technologies, working models, concepts of science will display the student's talent and vision. Each department will put forward their best creation in this exhibition.

Invited Lectures by renowned experts will enable the students to get a flavor of international scene, innovations, and advancements.

Neuron' 12, the Technical festival of MNIT, hosting fascinating technical and enthralling cultural events will be organized.

Thus the entire year will showcase how the institute has grown and now proudly stands, encompassing abundance of talent, initiative and knowledge. The combined efforts of teachers, students and staff have made it what it is and we hope that the future will hold immense promise for the institute and its denizens.



6. THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 Board of Governors

S.No.	Nomination under	Name and Designation of nominated persons	Will serve as
1.	Section 11 Clause (a)	Prof.K.K.Aggarwal, Chancellor-Lingaya's University, Faridabad and Former Vice Chancellor - GGS Indraprastha University, Delhi	Chairman
2.	(b)	Prof.I.K.Bhat, Director, MNIT, Jaipur	Ex-Officio Member
3.	(c)	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi	Member
4.	(c)	The Financial Advisor Government of India, MHRD, Dept of Higher Education, New Delhi	Member
5.	(d)	Shri R.L.Toshniwal, President, Sintex Limited, Banswada	Member
6.	(d)	Shri Prem Surana, 8, Gaurav Nagar, Civil Lines Jaipur	Member
7.	(e)	Prof. Surendra Prasad, Director, IIT, Delhi	Member
8.	(e)	Prof.Shobhana Narsimhan, Professor & Chairperson, Theoretical Science Unit, Banglore	Member
9.	(f)	Prof.Y.P.Mathur, Professor, Deptt. of Civil Engg., MNIT, Jaipur	Member
10.	(f)	Mr. Manish Vashistha, Assistant Professor, Chemical Engg. Deptt., MNIT, Jaipur	Member
11.	Section 18 Clause (2)	Dr. A.K.Solanki, Registrar, MNIT, Jaipur	Ex-officio, Secretary



6.2 Finance Committee

S.NO.	CONSTITUENCY	NAME
1.	Chairman	Prof. K.K. Aggarwal, Chancellor-Lingaya's University, Faridabad and Former Vice Chancellor-GGS Indraprastha University, Delhi
2.	Ex-Officio Member	Prof.I.K.Bhat, Director, MNIT, Jaipur
3.	Member	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi
4.	Member	Two persons nominated by the Board amongst the members
5.	Ex-officio Member Secretary	Registrar, MNIT, Jaipur.

6.3 Building & Works Committee

The composition and details of Building and Works Committee is given in annexure 11.2

S.No.	Name	Designation
1.	Prof. I.K.Bhat	Chairman
2.	The Director (NITs), Department of Higher Education, MHRD	Member
3.	Shri Prem Surana	Member
4.	Shri Arjun Singh	Member
5.	Shri Pyare Lal	Member
6.	Shri Rajeev Singhal	Member
7.	Prof. Ravindra Nagar	Member
8.	Ashok Solanki Shri	Member Secretary
9.	Shri Tarush Chandra	Special Invitee



7. CONCESSIONS FOR SCs, STs, HANDICAPPED STUDENTS

7.1 Concessions Provided for Students

Admission Policy

According to the admission rules laid down by the Govt. of India, the following reservations are made for admission to undergraduate courses at the MNIT, Jaipur. The same applies for Post Graduate courses

(i)	OBC candidates	27%
(ii)	Scheduled Caste candidates	15%
(iii)	Scheduled Tribe candidates	7.5%
(iv)	Physically Handicapped Candidates	3%

Tuition Fee Waiver

Students belonging to SC/ST category are given 100% tuition fee waiver.

Library Facilities

There is a separate Book Bank for SC/ST students. The number of books issued to each SC/ST student is 11 in comparison to 6 for General students.

Scholarships

Various state governments and Board for Social Welfare provide scholarships to SC/ST students.

7.2 Concessions Provided for Staff

The reservation policy and other benefits as directed by Government of India from time to time are implemented.



8. FINANCIAL STATUS

8.1 Analysis of the Plan and Non-Plan Grant

During the year 2012-13 the Institute received grants under Plan and Non-plan (entirely from Government of India) as given below :

	(₹ in Lakhs)
Plan Grant	
(i) Non recurring (Building, Equipment, etc.)	4300.05
(ii) Project Grants (R & D)	403.28
(iii) Other Plan Activities	465.54
(iv) TEQIP	323.00
TOTAL (Plan Grant)	5491.87
Non-plan Grant	
(i) (UG/PG Courses)	3200.00
TOTAL (Non-plan Grant)	3200.00
GRANT TOTAL (Plan & Non-plan Grant)	8691.87

8.2 Source of Funds

- (i) Grant in Aid from Government of India
- (ii) Tuition fee from students
- (iii) Rent
- (iv) Interest
- (v) Other Misc. Income

8.3 Expenditure Position for Last Three Years

(Plan, Non-plan & TEQIP)

	(₹ in Lakhs)
Years	Expenditure
2010-11	7995.74
2011-12	7047.20
2012-13	8824.62



9. CENTRAL FACILITIES AND SERVICES

9.1 Central Computer Centre

The Central Computer Centre, a centralized computing facility of the Institute since 1989, caters to the need of different academic departments and various sections of the Institute by providing and managing extensive computing & networking facilities to the Institute. To facilitate the use of the latest information technology in Institute's teaching, learning, research and administration; to provide an excellent network environment that facilitates the access and exchange of information; to put innovation in technology transfer; to assist the Institute in its mission; to enable faculty, staff and students to use the computer and network resources effectively and efficiently; and to aim to provide the best quality IT services in the region, the Computer Centre at MNIT Jaipur has continued to re-engineer the process of its service operations for increased productivity and better quality.

Hardware/Software resources: The computer centre has placed its resources into different labs.

I. Centre of Excellence for Design (COED): There are sixteen HP ProLiant BL460c G7 blades and these blades include:

a. Processors:

- i. Up to two Intel® Xenon® 5600 series processors
- ii. Intel® 5520 Chipset

b. Memory:

- i. Twelve DIMM slots
- ii. Up to 32GB, using PC3-10600 DDR3 registered (RDIMM) memory, operating at 800MHz when fully populated at 2 DIMM per channel in 12 slots
- iii. Up to 48GB, using PC3-10600 DDR3 unbuffered (UDIMM) memory, operating at 1333MHz when fully populated at 2 DIMMs per channel in 12 slots

c. Storage Controller:

- i. HP Smart Array P410i Controller with no cache supporting RAID 0 and 1

The lab is equipped with high-end work stations with both single display unit and dual TFT display having processor of Intel Xenon six core @3.33Ghz, RAM of 8GB, graphics card of Quadra 2000 and storage capacity of 1TB, Application server having processor of Intel Xenon E5520 @2.40GHz and storage server

having capacity of 6TB.

The lab has Altair hyper Works, Autodesk Environment Creation Suite, Autodesk Education Master Suite, Bentley (Stad Pro V8i) and Adobe Master Collection as major software tools.

- ii. CCL1 and CCL2: There are two labs in design centre CCL1 and CCL2. These labs have 180 computers based on Linux and windows operating system with latest configuration.

CSAB counseling program for UG and CCMT counseling for PG, placement activities and maintaining the antivirus server were conducted in the lab.

Application Development: There are many web based applications that are developed, successfully deployed and maintained by Central Computer Centre.

The MNIT website is restructured and reframed by Central Computer Centre. New website includes many features like dynamic faculty profiles, user friendly multi tab interface, scroll free GUI and quick search etc.

A web application was designed, developed and is being maintained by Central Computer Centre to create an interface for all thirty NITs so that users can access information about all the NITs from a single platform.

Teaching/Non-teaching recruitment portal for MNIT Jaipur and NIT Delhi, admission portal for UG, PG and research for MNIT Jaipur, admission portal for IIIT Kota, convocation registration for MNIT Jaipur, complaint management system on intranet and various upcoming institute events' website are some application that are successfully developed and maintained by Central Computer Centre.

CMS for department, student feedback portal, Dean R&C, SMS Server and Recreation of intranet (inclusion of CUG Bills, online application and forms format, online notices and contacts) are additional applications that are being developed by Central Computer Centre.

Training Programs:

- AutoCAD training program (From Sept 21st to 27th, 2012): It was seven days workshop, there were three sessions each day. Total number of attendee was around 220.
- Revit Architecture training program (From Sept 21st to 27th, 2012): It was seven days workshop, there were three sessions each day. Total number of attendee was around 90.



- CIVIL 3D training program (From Sept 21st to 27th, 2012 It was seven days workshop , there were three sessions each day. Total number of attendee was around 90.
 - Adobe Photoshop (CS-6) training program (From Sept 21st to 22nd, 2012 It was two days workshop , there were two sessions each day. Total number of attendee was around 50.
 - Inventor training program (on every weekend of month of September 2012): It was seven days workshop, there were two sessions each day. Total number of attendee was around 65.
 - Hyper Works training program: Total number of attendee was around 40.
 - Community Development Program on "Working Knowledge of AutoCAD" from 15th to 19th Oct, 2012.
 - Training program for cloud computing using PBS Pros Tool
 - Short Term Training Programme on "Computer Aided Strength of Materials and Analysis & Design of Machine & Structural Elements" 24/12/2012 To 28/12/2012
 - National conference on "Pattern Mining" May 11-12, 2013
 - 9th ECBC Training on 25th May 2013
 - Workshop on "Hyperworks and FEA" 21/09/2013 To 28/09/2013
6. To ensure safe working environment for staff and students
 7. Upkeep of institute furniture and other infrastructures.
 8. To provide consultancy to industries/ organizations thereby improving Institute-Industry relationship
 9. Along with the above mentioned primary objectives the workshop would also be used for community development activities such as organizing training programs for society and staff.
- Project lab will be a central facility with state of the art machines to meet the following objectives:
1. To provide workshop facilities for fabrication of minor and major projects to the UG/PG students of all branches.
 2. The project lab would have state of the art machine tools and equipments to facilitate the research work at M. Tech and Ph. D. level in all the departments and sections of the institute.
 3. The project lab shall be hub of innovations and shall help in registering patents for the same.
 4. The project lab shall be managed by students under the guidance of coordinator Project Lab.
 5. It will also showcase its innovations through exhibitions twice a year. These exhibitions shall be organized in collaboration of Industries.
 6. This project lab will open for 24 hrs.

9.2 Workshops

Central workshop is a central facility with state of the art machines to meet the following objectives:

1. To impart training to the students of all branches of 1ST Year B. Tech in various shops.
2. To impart training on latest machine tools to B. Tech. (Mechanical Engineering) and M. Tech. (MSE) Students.
3. To provide the workshop facilities for fabrication of minor and major projects to the students of all branches.
4. Central workshop has state of the art machine tools and equipments required for carrying out research work at M. Tech and Ph. D. level in all the departments and sections of the institute.
5. To develop a project lab which will have all basic tools required for carrying out projects of all the Departments of the institute. This project lab will open for 24 hrs.

9.3 Library

1. Total Floor Area : 15847 sq feet (space per student - 7.5 sq feet)

The Central Library is located in the Centre of the Institute, where visitors can approach easily. It has 15847 Sq.foot plinth area on two floors (Ground and First). It is well equipped with new and modern furniture (make Godrej) including optimizers (stacks on tracks). The sitting area of the users is fully air conditioned. Each sitting area / hall has different reading cubicles for the users. The Central Library was reintroduced with new name i.e."LEARNING RESOURCE CENTRE" in April,2012.

2. Library Automation and Computerization
The Central Library has a Library Management Software (e-Granthalaya) developed by NIC, New Delhi. The circulation services have also been computerised and books are issued through Bar-Code Technology only.
3. Member



- a) Students 4070
- b) Faculty and staff members 370
4. Circulation of Books (approx)
- a) Main Library Counter 80,000 per year
- b) Book Bank 60,000 per year
5. No. of Visitors 1700 Per day
(on Membership basis) approx.
(Faculty, Staff, Students and fee based members)
6. Timings
08.00 A.M. to 07.00 P.M. (Monday to Friday)
09.00 A.M. to 05.00 P.M. (on Saturdays)

(a) Holdings from 01/04/2012 to 31/03/2013

S.No.	Particulars	As on 01/04/2012	Added During 2012-2013	As on 31/03/2013	Withdrawn	Available holdings
1.	Library books	77361	9323	86684	3352	*83332
2.	Back Volumes	13580	-	13580	120	13460
3.	ISI Standards	12498	-	12498	-	12498
4.	Book Bank (Gen.)	36189	13066	49255	-	*49255
5.	Book Bank (SC/ST)	18851	129	18980	-	*18980
6.	CBIP Publications	531	-	531	-	531
7.	CD ROMs Databases+ LRs (on different Subjects)	-	-	-	-	846
Total holdings available						178902
* Physical verification was conducted and final report is to be submitted.						

(b) NON PRINT MATERIAL

		Total Numbers
1	Video Cassettes	1035
2	CDs & Floppies (Received with books & magazines)	approx. 1000

(c) Expenditure -

S.No.	Heads	2010-2011	2011-2012	2012-2013
1.	Book & Periodicals	5,44,572.00	47,335.00	1,07,26,006.00
2.	Book Bank (Gen.)	-	-	20,09,681.00
3.	Book Bank- SC	-	7,440.00	2,525.00
4.	Book Bank –ST	-	1,16,707.00	33,666.00
5.	Books for Project (VLSI- ECE)	-	9,792.00	-
6.	Project – ISEA –Computer Engg.	94,885.00	-	-
7.	Subscription of Journals	75,615.00	1,06,773.00	1,33,870.00
8.	Subscription Online Journal (Taylor & Francis)	-	8,73,795.00	-
9.	Subscription Online Journal (Emerald)	-	5,37,221.00	-
10.	Newspapers & Magazines	22,558.00	23,703.00	26,000.00
Total		7,37,630.00	17,12,974.00	1,29,31,748.00



(d) Indian Journals Subscribed

Journals / News Letters report etc. (on Complementary basis) approx. 55

(e) Electronic/Online Resources

11.1 Online foreign journals (INDEST-AICTE Consortium, MHRD, GOI)

S. No.	Electronics Resources	URL
1.	ACM Digital Library	http://portal.acm.org/portal.efm
2.	ASCE e-Journals	http://www.ascelibrary.org
3.	ASME e-Journals	http://www.asme.org/pubs/journals
4.	Annual Reviews (New)	http://www.annualreviews.org
5.	IEL Online (IEE & IEEE)	http://ieeexplore.ieee.org
6.	Indian Standards (BIS Codes)	Intranet Version
7.	Nature	http://www.nature.com /
8.	Project Muse (New)	http://www.muse.jhu.edu
9.	Springer Link	http://www.springerlink.com /
10.	Taylor & Francis	www.tandf.com
11.	Emerald (200 Journals)	www.emeraldinsight.com
Bibliographic Databases		
12.	J-Gate Custom Content for Consortia (for Online request for Research Papers from IITs, IIMS and IISc)	http://jccc-indest.informindia.co.in /

BIS Codes updated till June, 2009 (Through Intranet)

CD-Rom Databases (846 CD-ROMs on engineering subjects)

Access to Bibliographical Databases of foreign journals more than 6500 journals being received by IITs & IIS Bangalore and IIMS (Users receive Research papers by submitting their requests through JCCC) under **INDEST - AICTE Consortium.**

i) DELNET Database services for research papers & Books.

(f) Library Services

1. Issuing of books (Main Library)
2. Issuing of books (Book Bank) (Extra books are issued to students of SC & ST)
3. Video Viewing Services
4. CD-ROM Databases
5. Reprographic Services (Photocopy Services)
6. Periodicals Services
7. Internet facility
8. JCCC- Research papers from IITs, IIMS, IISc.
9. DELNET Services
10. Inter Library Loan (ILL) Services through DELNET

11. Reference Services

12. BIS and IRC Codes

13. Attending Users queries

14. Display of New Arrivals

15. Display of Important notices/ pamphlets etc.

16. Services to outside members

13. PG Students, Research Scholars and Faculty Members are also guided to use the INDEST-AICTE Consortium services and DELNET Database services.

14. Additional information

Newly Purchased books are displayed in the Central Hall to make the users aware of new arrivals.

15. Other Activities

15.1 Orientation to users about Online Access to e-Journals.



15.2 Organising 'Books Exhibition' from time to time.

15.3 Meeting Room facilities to various departments.

15.4 Binding of books (as required)

(g) FUTURE PLAN:

11.2 RFID SYSTEM

11.3 SMART CARDS (for users)

16.3 Fire Safety Measures

16.4 Purchase / subscription of e-Books and e-Journals on Various subject areas of E.S.T.

9.4 Laboratories

In addition to Central workshop and Central computer Centre, each department has laboratories in their specific areas of specialization. These laboratories are being used for conducting experiments for B.Tech and M. Tech. students for their regular course work and also for research purposes. Few more laboratories have also been created to cater to the needs of research scholars. These laboratories provide facilities for research and are being used by faculty, Ph.D. and M.Tech. students.

9.5 Hospital, Post Office, Shopping Centre

The Campus of the Institute is spread over an area of 125.04 hectares. It presents a spectacle of harmony in modern architecture, natural beauty and picturesque surrounding. The campus area has been organized into three functional sectors:

1. Hostels for Students
2. Instructional Buildings
3. Residential Sector for the Staff

The instructional buildings have been so located that these are fairly near to both the hostels and the staff quarters and are at a walking distance from both. There is a branch of ICICI Bank Ltd. and SBI on the premises and a Post-office in the campus. The ICICI Bank has installed an ATM on the campus. A

team of Medical Officers and two Compounders supervises a full-fledged dispensary. The Institute has also been extending facility of a Part-time Homeopathic doctor and a Lady Doctor in the campus. Adequately equipped Canteen building, one near the instructional zone and one near the hostels provide facilities to the students and the staff during and beyond the working hours of the college. There is a milk booth on the campus, a barber's shop, washer men, stationary shop and a government co-operative store to provide amenities to the residents.

9.6 Physical Facilities

The Institute is spread over an area of 125.04 hectares.

The total built up area is divided broadly in three categories

Academic Area

Administrative area

Residential block

Games and sports facilities.

The following new facilities/alterations were created/(construction work started) during the year.

9.7 Games and Sports Facilities

The Institute Physical Education and Sports department has created and developed a positive and healthy sports culture among Students, staff and their family members are enjoying one of the best facilities of the Institute. The vision is to produce fit engineers for the nation with improved quality like positive leadership among students, men managing, Cardio respiratory development, general motor ability, quick decision making ability, body sculpture and especially Fitness and Diet awareness. The department is managing more than 3500 students and staff members and their wards. The existing Games and Sports facilities are:

INDOOR FACILITIES

S.No.	Facilities	Number
1.	Badminton, Carrom and Chess	01 No.
2.	Billiard room	01 No.
3.	Gymnasium (Weight Training and Power lifting)	01 No.



(b) Outdoor Facilities

S.No.	Facilities	Number
1.	Tennis Courts (Flood Light)	02 No.
2.	Volleyball Courts (Flood Light)	03 No.
3.	Basketball Courts(Flood Light)	02 No.
4.	Play Field (Cricket Nets, Cricket Field, Football Field and Athletic Track and Field)	01 No.

9.7 Other Facilities like, Hostels, Messes, Staff Quarters, Administration etc.

There are twelve hostels for the students of our Institute. The details of rooms are as follows:

Hostel No.	Single Seated Rooms	Double Seated Rooms	Triple Seated Rooms	Total Capacity
Boy's Hostels				
Hostel - 1	72		36	180
Hostel - 2	72		36	180
Hostel - 3	72		36	180
Hostel - 4	72	36		144
Hostel - 5	182			182
Hostel - 6	72		36	180
Hostel - 7			75	225
Hostel - 8	212			212
Auribindo Hostel	986			986
Girl's Hostel				
Girls Hostel A Block	48		14	90
Girls Hostel B Block		68		136
Gargi Hostel	400			400
P.G. Hostel	16			16
GRAND TOTAL	2204	104	233	3111



Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

Hostel/ Mess Management

Presently we have mess facility in all hostels except Hostel no. 3, 4 and 5. The residents of these hostels are dining in messes attached with other hostels. The Mess in Aurobindo Hostel and Gargi Hostel (also catering to residents of Girls Hostel A and B Block) are being operated by private service provider. All messes have been renovated and have modern facilities to facilitate proper hygiene.

Mess Committee consisting of Mess Secretary and Student representatives Mess Members manage the mess. Entire salary of the mess servants is borne by

the students themselves through MNIT Students Mess account.

Laundry Facilities

Modern laundry facilities have been installed in Aurobindo Hostel and Gargi Hostel for residents of Boys and Girls Hostel. Students are using these facilities through prepaid smart cards.

Other Facilities

There is one Common Room for each hostel, having the facility of a colour television, and one Table Tennis table.

Staff Quarters

The details of Staff quarters is as follows

S. No.	Type	Nos.
1.	A	01
2.	B	17
3.	C	20
4.	D	78
5.	BH	8
6.	WWH	12
7.	F	66
8.	H	52



10. NOTABLE ACHIEVEMENTS

10.1 Notable Achievements

Malaviya National Institute of Technology Jaipur is spread over an area of 125 hectares and offers a green campus and a vibrant environment for academic and co-curricular pursuits. The institute offers 9 undergraduate, 20 postgraduate & Ph.D. programmes in Engineering, Sciences & Humanities and has total student strength of 3603 and 167 faculty members. The institute has emerged as the second most preferred NIT in the AIEEE admissions in terms of ranks at which admissions open and close. A large number of DASA students have also chosen to come for studies here.

The institute faculty and staff are continuously striving for achieving better academic environment. Faculty members of the Institute went on secondment for a semester to AIT Bangkok. The institute has hosted fifty three conferences, symposia and workshop. Fifteen foreign visits were

carried out by faculty members to attend conferences/training courses and explore possibility of International collaborations. A total of ten new research projects were started including six with foreign collaboration. The institute is part of TEQIP Phase II and has started preparation for effective implementation of the project. The placement of students has shown steady improvement in terms of companies visiting the campus, job offers as well as increase in average pay package.

10.2 Achievements During The Year

1. Placements

The placement scenario has improved with the average pay package showing steady increase. The details are shown in Table 1.1. Average pay package has risen by 10,000 Rs.

Table 1.1 Comparison of Placement during last years

Particulars	2010-11	2011-12	2012-13
Total companies that visited campus for recruitment	104	109	122
Total no. placed /Total no. of eligible students (% Placed)	359/360 (99.7%)	426/426 (100%)	506/537 (94.2 %)
Total job offers (some students got multiple job offers)	659	656	561
Maximum package (lakhs per annum)	9.88	16.0	19.99
Average package (lakhs per annum)	4.44	5.26	5.37

2. Research Publications

The research publications by faculty and students have shown a marked improvement as shown in Table 1.2. The total publications by faculty in Journals and conferences have increased by 20% as compared to previous year, and that in International Conferences has risen by almost 80%.

Table 1.2 Research Publication Details

Publications	2010-11	2011-12	2012-13
International Journal	96	120	183
National Journal	32	38	26
International Conference	156	130	144
National conference	72	40	80



3. Research Projects

Particulars	2011-12	2012-13
Amount of ongoing/new research projects and consultancy projects (in crores)	7.8	11.9 sanctioned *5.81 crore received during the year
No of Total Projects (research projects + consultancy projects)	434 (13+421)	140 (20 + 120)

Other Achievements

- Distinguished speakers were invited to deliver lectures in the institute. Forty nine such lectures were organized.
- Ten foreign visits were carried out by faculty members to participate in conferences.
- Five International Conferences, sixteen National Conferences and thirty one Seminars/Symposia/Workshops were hosted by the institute.
- Several faculty members are reviewers for reputed journals and conferences in their respective area of specialization.
- Faculty members/Research Scholars participated in forty eight national/international conferences and workshops.
- Six faculty members completed their Ph. D. during the year.
- Alumni network has been revived in a big way. The alumni have helped in training and placement and interacted and motivated students through interactive sessions.



11. ANNEXURES

11.1 BOARD OF GOVERNORS

Board Of Governors

S.No.	Nomination under	Name and Designation of nominated persons	Will serve as
1.	Secton 11 Clause (a)	Prof. K.K. Aggarwal, Chancellor-Lingaya's University, Faridabad and Former Vice Chancellor - GGS Indraprastha University, Delhi	Chairman
2.	(b)	Prof. I.K. Bhat, Director, MNIT, Jaipur	Ex-Officio Member
3.	(c)	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi	Member
4.	(c)	The Financial Advisor Government of India, MHRD, Dept. of Higher Education, New Delhi	Member
5.	(d)	Shri R.L.Toshniwal, President, Sintex Limited, Banswada	Member
6.	(d)	Shri Prem Surana, 8, Gaurav Nagar, Civil Lines Jaipur	
7.	(e)	Prof. Surendra Prasad, Director, IIT, Delhi	Member
8.	(e)	Prof. Shobhana Narsimhan, professor & Chairperson, Theoretical Science Unit, Banglore	Member
9.	(f)	Prof. Y.P. Mathur, Professor, Dept. of Civil Engg., MNIT, Jaipur	Member
10.	(f)	Mr. Manish Vashistha, Assistant Professor, Chemical Engg. Dept., MNIT, Jaipur	Member
11.	Section 18 Clause (2)	Dr. A.K. Solanki, Registrar, MNIT, Jaipur	Secretary

Convocation



Convocation



Conferences



Interaction with Experts



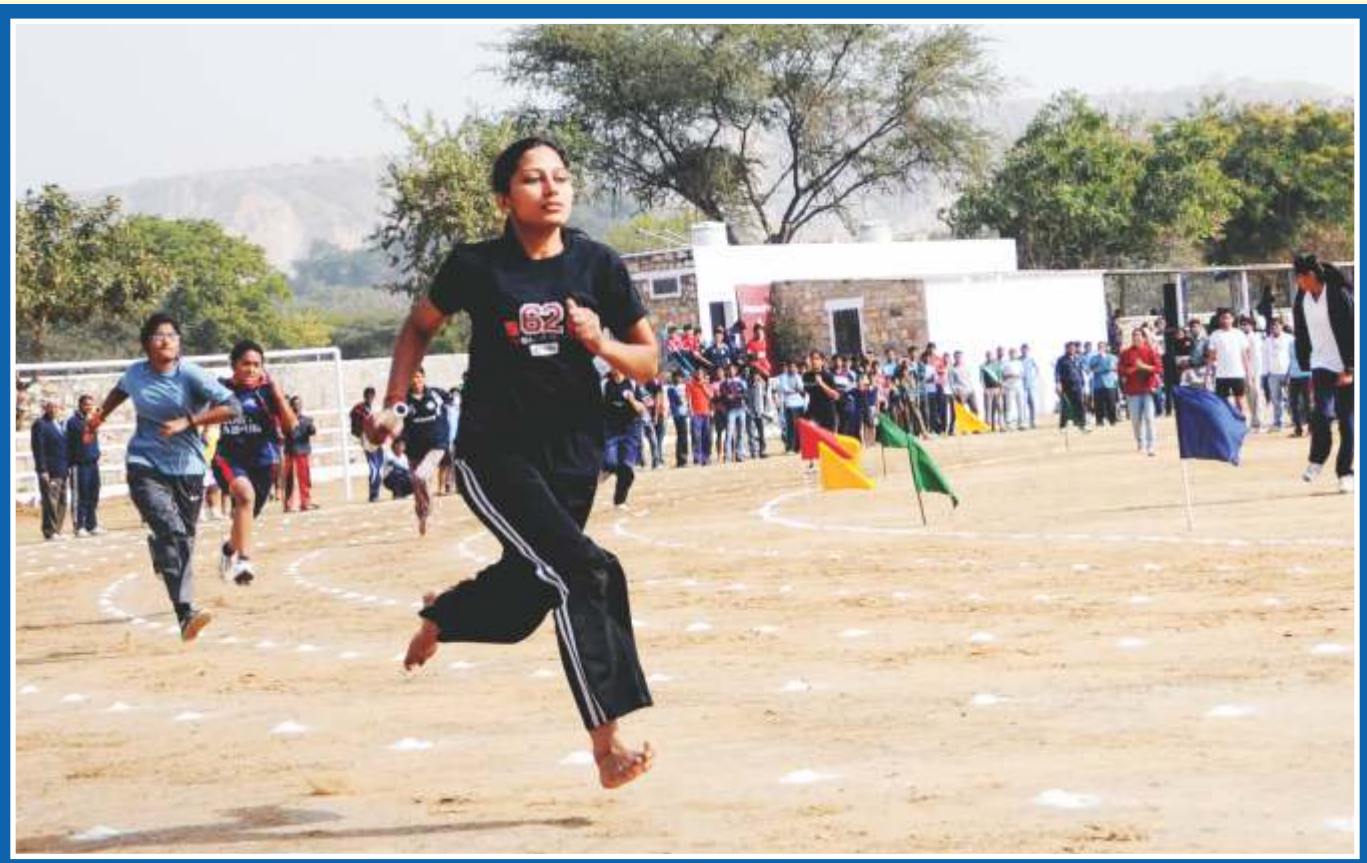
Sports Activities



Sports Activities



Athletics Meet



Meeting of Board of Governors



Green Initiative : Sewage Treatment Plant





11.2 FINANCE, BUILDING & WORKS AND OTHER COMMITTEES

Finance Committee

S.NO.	CONSTITUENCY	NAME
1.	Chairman	Prof. K.K. Aggarwal, Chancellor- Lingaya's University, Faridabad and Former Vice Chancellor- GGS Indraprastha University, Delhi
2.	Ex-Officio Member	Prof. I.K. Bhat, Director, MNIT, Jaipur
3.	Member	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi
4.	Member	Two persons nominated by the Board amongst the members
5.	Ex-officio Member Secretary	Registrar, MNIT, Jaipur.

Building & Works Committee

S.No.	Name	Designation
1.	Prof. I.K. Bhat	Chairman
2.	Shri Prem Surana	Member
3.	The Director (NITs), Department of Higher Education, MHRD	Member
4.	Shri Arjun Singh	Co-opted Member
5.	Shri Pyare Lal	Member
6.	Shri Rajeev Singhal	Member
7.	Prof. Ravindra Nagar	Member
8.	Shri Ashok Solanki	Member Secretary
9.	Shri Tarush Chandra	Special Invitee



THE SENATE

S. No.	Name	Designation and Address
1.	Prof. I. K. Bhat	Director Chairman Senate MNIT Jaipur
2.	Prof. A. K. Khare	Ex-Pro Vice Chancellor, UP Technical University, Lucknow
3.	Dr. S. Rangnekar	MANIT Bhopal, Bhopal
4.	Prof. Ashok Bapna	Advisor & Member, State Planning, Board, Government of Rajsthan, Jaipur
5.	Prof. Alok Ranjan	Dean, Administration and Professor Architecture Department MNIT Jaipur
6.	Dr. M. K. Shrimali	Dean, R & C and Head Structural Engg. Dept. MNIT Jaipur
7.	Prof. Rohit Goyal	Dean, Academic and Professor, Civil Engg. Department, MNIT Jaipur
8.	Prof. Ravindra Nagar	Professor, Structural Engg. Department MNIT Jaipur
9.	Prof. M. S. Gaur	Dean, Students Welfare and Professor, Computer Engg. Department MNIT Jaipur
10.	Prof. R. A. Gupta	Professor, Electrical Engg. Department MNIT Jaipur
11.	Prof. P. K. Saxena	Professor, Mechanical Engg. Department MNIT Jaipur
12.	Prof. Gopal Agarwal	Professor, Mechanical Engg. Department MNIT Jaipur
13.	Prof. S. L. Soni	Professor, Mechanical Engg. Department MNIT Jaipur
14.	Prof. A. K. Rajvanshi	Professor, Mechanical Engg. Department MNIT Jaipur
15.	Prof. A. P. S. Rathore	Professor, Mechanical Engg. Department & Head Management Studies MNIT Jaipur
16.	Prof. M. P. Poonia	Dean, Planning & Development and Professor, Mechanical Engg. Department MNIT Jaipur
17.	Prof. Rakesh Jain	Professor, and Head Mechanical Engg. Department MNIT Jaipur
18.	Prof. P. R. Soni	Professor, and Head Metallurgical & Materials Engg. Department MNIT Jaipur
19.	Prof. Ashok Sharma	Dean, Faculty officers and Professor, Metallurgical & Materials Engg. Department MNIT Jaipur



20.	Prof. C. P. Sharma	Professor, Metallurgical & Materials Engg. Department MNIT Jaipur
21.	Prof. A. K. Bhargava	Professor, Metallurgical & Materials Engg. Department MNIT Jaipur
22.	Prof. Upendra Pandel	Professor, Metallurgical & Materials Engg. Department, MNIT Jaipur
23.	Prof. A. B. Gupta	Professor, Civil Engg. Department MNIT Jaipur
24.	Prof. Gunwant Sharma	Professor, Civil Engg. Department MNIT Jaipur
25.	Prof. S. G. Modani	Professor, Electronics & Communication Engg. Deptt. MNIT Jaipur
26.	Prof. Y. P. Mathur	Professor, Civil Engg. Department MNIT Jaipur
27.	Prof. B. L. Swami	Professor, Civil Engg. Department MNIT Jaipur
28.	Prof. Sudhir Kumar	Professor, Civil Engg. Department MNIT Jaipur
29.	Prof. A. K. Vyas	Professor, & Head Civil Engg. Department MNIT Jaipur
30.	Prof. Alok Gupta	Professor, Chemical Engg. Department MNIT Jaipur
31.	Prof. S. P. Chaurasia	Professor, Chemical Engg. Department MNIT Jaipur
32.	Dr. S. K. Jana	Associate Professor & Head Chemical Engg. Department MNIT Jaipur
33.	Dr. Urmila Brighu	Associate Dean (UG) & Associate Professor, Civil Engg. Dept., MNIT Jaipur
34.	Prof. Rajeev Shringi	Professor, Architecture Department MNIT Jaipur
35.	Mrs. Kalpana Pandit	Head Architecture Dept. MNIT Jaipur
36.	Prof. K. D. Gupta	Professor, Chemistry Department MNIT Jaipur
37.	Dr. Ragini Gupta	Head Chemistry Department MNIT Jaipur
38.	Prof. S. K. Sharma	Professor, Physics Dept. MNIT Jaipur
39.	Prof. K. C. Swami	Professor, Physics Department MNIT Jaipur
40.	Dr. Kanupriya Sachdeva	Associate Professor & Head Physics Department MNIT Jaipur
41.	Mr. Mohd. Salim	Head Electronics & Comm. Engg. Dept., MNIT Jaipur
42.	Dr. Vineet Sahula	Associate Dean (PG) & Associate Professor, Electronics & Communication Engg. Dept. MNIT Jaipur



43.	Prof. Mool Singh	Professor, Electrical Engg. Department MNIT Jaipur
44.	Prof. C. M. Arora	Professor, Electrical Engg. Department MNIT, Jaipur
45.	Prof. K. R. Niyazi	Professor and Head Electrical Engg. Department MNIT, Jaipur
46.	Dr. Vijay Laxmi	Head Computer Engg. Department MNIT, Jaipur
47.	Prof. K. C. Jain	Professor and Head Mathematics Department MNIT Jaipur
48.	Prof. Rashmi Jain	Professor, Mathematics Department MNIT, Jaipur
49.	Prof. Kantesh Gupta	Professor Mathematics Department MNIT, Jaipur
50.	Dr. Nanny Tripathi	Head Humanities Department MNIT, Jaipur
51.	Sh. Ashok Solanki	Registrar & Secretary MNIT, Jaipur
52.	Ms. Nupur Navlakha	II Semester M. Tech. VLSI Design
53.	Mr. Pankaj Jindal	VI Semester B. Tech. Mechanical Engineering



11.3 RESEARCH PROJECTS AND CONSULTATION JOBS

DEPARTMENT OF CHEMICAL ENGINEERING

New Research Projects (Started in the Year 2012-13)

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of a Solar Energy based Membrane Distillation System for Rural Drinking Water applications in Rajasthan	Dr. S.P. Chaurasia Mr. Sushant Upadhyaya Dr. G. D. Agarwal Dr.A. B. Gupta	CCDU, Rajasthan	10.22 lacs	Ongoing
2.	Membrane Integrated Modified Nalgonda Defluoridation Technique for drinking Water	Dr Madhu Agarwal, Dr Suja George Dr. A. B. Gupta Dr. S. P. Chaurasia	CCDU, Rajasthan	15.90 lacs	Ongoing
3.	Defluoridation of Drinking water using Combination of Magnesium and Calcium amended activated alumina	Dr Suja George, Dr. A. B. Gupta, Dr. Urmila Brighu	DST Rajasthan	11.524 lacs	Ongoing
4.	Experimental & Modeling studies for process parameter optimization of nutrient mist reactor	Dr. Manish Vashishtha	DST Rajasthan	9.624 Lakh	Ongoing



DEPARTMENT OF CIVIL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	NCP On Monitoring & Characterization of Respirable Particles In Urban Environment (Outdoor/Indoor) And Their Association With Human Health	A. B. Gupta and Nivedita Kaul	AICTE	20.0	Report Prepared. Formal Closure To Begin
2.	Feasibility Study For Defluoridation of Drinking Water By Electrocoagulation Using Aluminium Electrodes	Dr Sanjay Mathur and Dr A. B. Gupta	UNICEF	546.0	Interim Report Submitted
3.	Assessment of Possibilities of Recovery And Reuse of Wastewater In Handmade Paper Industry In Sanganer	A. B. Gupta; Dr Kailash Singh; Saakshi	DST, GOI (2011)	35.98	Work Under Progress
4.	Development of A Solar Energy Based Membrane Distillation System For Rural Drinking Water Applications In Rajasthan	A.B. Gupta, Dr S. P. Chaurasia, Sushant Upadhyaya, G. D. Agarwal	CCDU, GOR (2012)	10.5	Work Under Progress
5.	Assessment of Climate Change & Its Impact On Urban Hydrology: Indian Perspective	Dr. Mahesh K. Jat (In Collaboration With Pro. D. Khare, IITR)	AICTE	40.0	Ongoing
6.	Utilisation of Marble/Stone Slurry In Self Compacted Concrete	Dr. R C. Gupta	Utilisation of Marble/Stone Slurry In Self Compacted Concrete	4.64	In Progress
7.	Technical Scrutiny of PMGSY Proposals (Co PI)	Dr. J K Jain	NRRDA, Ministry of Rural Development	30.0	Under Progress



8.	Development of Centre for Water Technologies	Dr. Urmila Brighu	Department of Science And Technology	60.0	Under Progress
9.	Feasibility Assessment For Defluoridation of Drinking Water By Electro Coagulation Using Aluminum Electrodes	Dr. Sanjay Mathur	UNICEF	5.58	Completed
10.	Checking of The Dprâ€™S of Pradhan-Mantri Gramin Sadak Yojana (PMGSY)	Dr. M. Choudhary	MORD, Govt. of India	3.0	Under Progress
11.	Overlay Design And Improvement of Tonk Road From Sanganer Flyover To Sitapura ROB	Dr. Arun Gaur	Jaipur Development Authority	0.60	Completed
12.	Overlay Design of Akhera Road, Bhiwadi-I Alwar	Dr. Arun Gaur	RIICO, Bhiwadi Unit -I	0.83	Completed
13.	Study of Urban Heat Island of Indian Cities And Development of ANN Model For Scientific Planning To Control Urban Heat Island Effect	Dr. Sumit Khandelwal	DST	14.86	In Progress



New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Membrane Integrated Modified Nalgonda Defluoridation Technique For Drinking Water	Madhu Agrawal, Suja George, A.B. Gupta, Dr S. P. Chaurasia,	CCDU, GOR (2013)	15.9	Work Under Progress
2.	Development of Field Test Kit For Detection of Total Coliforms And E .Coli In Drinking Water	Dr U. Brighu, A. B. Gupta	CCDU, GOR (2013)	8.92	Work Under Progress
3.	Development of Water Technology Centre	Dr. Mahesh Kumar Jat / Dr. Urmila Brighu	DST	60.0	Approved
4.	Safety Index Assessment and Seismic Performance Rating of Houses In Severe Seismic Zones In	Dr. S D Bharti	HUDCO	25.0	Started
5.	Categorisation And Trajectories For Implementing Sustainable Community Engaged Rural Water Supply	Dr. Urmila Brighu	AUSAID	30.0	Started
6.	Indo US JCERDC CBERD: Roadmap For Energy Efficiency In Buildings	Dr. Sanjay Mathur with Dr. J. Mathur	Indo US Science And Technology Forum DST, DOE USA	568.0	Started
7.	Work And Time Motion (WTMS)	Dr. A. S. Jethoo	Department of Rural Development & Panchayat (Group-3 NERGA), Govt of Rajasthan	18.97	In Progress
8.	Key Resources Centre For Water	Dr. A. S. Jethoo	Ministry of Drinking Water & Sanitation,	235.0	In Progress



Continuing Consultancy Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Concrete Mix Proportioning	Dr. M K Shrimali Dr. SD Bharti	RUIDP	2.0	Completed
2.	Vetting of Structural Design & Drawing of OTM Accommodation For SW Command	Dr. M K Shrimali Dr. SD Bharti	Rajasthan Housing Board	9.0	Completed
3.	Experimental And Analytical Studies For The Short Term And Long Term Behavior of Epoxy Bonded Steel -Concrete Composite Bridges	Dr. Sandeep Choudhary	Department of Science & Technology, Govt. of India	39.0	In Progress

New Consultancy Projects (Started in the year 2012-13):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Proofing Checking of Masonry Moat Walls of Bharatpur Fort	Prof. A. K. Vyas, Rajesh Gupta Sandeep Choudhry	Archeological Survey of India, Jaipur	5.5	Completed
2.	Proof Checking of Design And Drawings of Service Reservoirs	Sh. Rajesh Gupta Dr. S. Chaudhary Dr. R. Nagar	PHED	2.0	Completed
3.	Mix Designs And Checking of Design/Drawings of Buildings	Sh. Rajesh Gupta Dr. S. Chaudhary Dr. R. Nagar Dr. A.K. Vyas	PWD, RIICO, RHB	4.5	Completed



4.	Proof Checking of Box Type Drain Culvert And Nallah At Sec-13, I.G. Nagar, Jaipur	Dr. Vinay Agrawal, Dr. S D Bharti	Resident Engineer, RHB, Div-II, Jaipur	0.60	Completed
5.	Vetting of Structural Design And Drawing of Proposed Parking At Ashok Marg Nallah Site In Jaipur	Dr. Vinay Agrawal Dr. Ravindra Nagar Shri Rajesh Gupta	Finetech Parkcon India (P) Ltd., Jaipur	1.65	Completed
6.	Proof Checking of Design of RCC Structures Under Nagaur Lift Package - III	Dr. Sandeep Choudhary, Rajesh Gupta, Dr. R. Nagar		3.0	Completed
7.	Proof Checking of Structural Design of Proposed ROB On Beawar-Gomti Section Proof Checking of	Dr. Sandeep Choudhary, Rajesh Gupta, Dr. R. Nagar Dr. Sandeep	IRIDCL Multimedia	2.0	In Progress
8.	Structural Design And Drawing At Makrana, Kishangarh And	Choudhary, Rajesh Gupta, Dr. V Agrawal	Consultants Pvt. Ltd., Ahemdabad, India	7.0	Completed
9.	Technical Evaluation/Quality Assessment of PQC Mix For Cement Content	Dr. Sandeep Choudhary, Rajesh Gupta, Madhu Agrawal	Airport Authority of India	5.0	Completed



DEPARTMENT OF COMPUTER ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	HiPER NIRGAM (UKIERI -Phase II)	MS Gaur, Vijay Laxmi and Prof. Mark Zwolinski, University of Southampton (UK)	UKIERI	30 lacs	Ongoing
2.	On-Chip Network Simulation Platform for Reliable, Accurate and Fast System Co-Design of Embedded and Multi-Core Systems	MS Gaur, Vijay Laxmi	DST	28 lacs	Ongoing
3.	Countermeasures for Protocol Compliant Attacks in Mobile Adhoc Networks	Vijay Laxmi, MS Gaur,	DST	17 lacs	Ongoing

New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Urdu Corpus Development and Handwritten Text Recognition	Neeta Nain	DST Rajasthan	8.524	Ongoing



DEPARTMENT OF ELECTRICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Computer Controlled Cycloconverter (Half-Wave-Full Wave) Fed Induction Motor Drive	Dr. H.P. Tiwari	MHRD New Delhi	13 Lakhs	On going
2.	Development of a National Transmission Network Tariff Framework	Dr. Rohit Bhakar	University Grants Commission	5.238 Lakhs	On going

New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of Network Charging Framework for Indian Power Distribution Utilities	Dr. Rohit Bhakar	Department of Science & Technology	12.65 Lakhs	On going

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Design and Simulation of Tunable Photonic Crystals for novel all-optical applications	Dr. Vijay Janyani	DRDO New Delhi	15.64	Completed



DEPARTMENT OF MECHANICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of Multiagent System for dynamic Multiproject Scheduling	Dr M L Mittal Prof R Jain	DST	6.00	Completed
2.	Investigation of heat transfer phenomenon at high heat flux in nucleate flow boiling	Prof A K Rajvanshi	ISRO	8.00	Completed
3.	Design development ergonomic analysis of blue pottery manufacturing system	Dr. A. Bhardwaj Dr. G S Dangayach	DST	22.73	Ongoing
4.	Development of a hybrid waste disposal system through recycling and sanitary landfilling for solid waste of the Institute campus	Prof M P Poonia Dr G D Agrawal	MHRD	9.00	Completed
5.	Identification of Critical Success Factors and Implementation Methodology for Advanced Manufacturing Technologies	Dr G S Dangayach	DST	5.11	Completed
6.	Design & Development of Low built wider width ideal Handloom for weaving 90" wide fabric	Prof S L Soni Dr. Dilip Sharma	Ministry of Textiles	3.92	Completed
7.	Indoor Air Pollution Study at Viratnagar	Prof. S. L. Soni and Prof. A. B. Gupta	Social Policy Research Institute, Jaipur	1.00	Completed
8.	Design, development and fabrication of a stove operated on Jatropa oil	Prof S L Soni Dr. Dilip Sharma	Social Policy Research Institute, Jaipur	0.5	Completed
9.	Development of e-business centre for small and medium scale industries	Dr A Bharadwaj Mr. Sanjay Rajpal	MHRD	10.00	Completed
10.	Development of SVO operated micro-Tri-generation system for rural applications	Dr. Dilip Sharma, Prof. S. L. Soni	DST Rajasthan	3.70	Ongoing



11.	Development & characterization of a portable tar free Gasifier using waste material for fuel substitution in C.I. engines	Prof. M. P. Poonia	DST	7.45	Completed
12.	Experimental & Theoretical analysis of combined solar & wind induced enhanced ventilation system	Dr. J. Mathur	MNES	8.22	Completed
13.	Knowledge transfer in thermo-hygric behavior of buildings	Dr. J. Mathur	European Union	€50000	Completed
14.	Capacity Building for Building Energy Simulation	Dr. J. Mathur	DOE USA	\$30000	Completed
15.	Combustion & performance optimisation of dual fuel engines using Biogas and Diesel	Prof. M. P. Poonia	AICTE	5.00	Completed
16.	Creation of facilities for evaluation of alternate fuels for engines & ambient/exhaust pollution monitoring	Prof. S. L. Soni Dr. Dilip Sharma	MHRD	10.00	Completed
17.	Development of an Integrated computer environment for conceptual design of Mechatronic products	Dr. S. K. Gupta	AICTE	5.00	Completed
18.	Development of I C Engines Lab under network scheme with IIT Delhi	Prof. S. L. Soni	MHRD	5.00	Completed
19.	Experimental Study of Flat Plate Solar Collector (Direct absorption type) Using Nano-Fluids	Dr. G. D. Agrawal	DST	12.00	Ongoing
20.	Development of a Solar Energy based Membrane Distillation System for Rural Drinking Water applications in Rajasthan	Dr. G. D. Agrawal, Prof. A. B. Gupta, S. C. Choursia	PHED Rajasthan	11.00	Ongoing



21.	Safe disposal of medical waste (from primary health centers) using biomass gasifier	Dr G D Agrawal	State DST	0.10	Completed
22.	Design, fabrication and experimentation on a solar wax melter	Dr G D Agrawal	State DST	0.08	Completed
23.	Design, fabrication and experimentation on a solar still-Single basin and single slope type	Dr G D Agrawal	State DST	0.10	Completed
24.	Pre-feasibility report on "Installation of power project using vegetable-fruit market waste	Dr G D Agrawal Prof M P Poonia	Rajasthan Renewable Energy Corporation, Jaipur.	0.50	Completed
25.	Design of cold storage plant for preserving Potato	Dr G D Agrawal, Prof. S.L.Soni, Dr. Dilip Sharma	Sitapura Industrial area, Jaipur	0.10	Completed
26.	Testing and inspection of solar wind hybrid systems	Dr G D Agrawal, Prof. S.L. Soni, Dr. Dilip Sharma	Rajasthan Electronics phd& Instruments Ltd., Jaipur	0.10	Completed
27.	Testing of ceiling air cooler	Dr G D Agrawal, Prof. S.L. Soni	GIAN NORTH Science Park, Jaipur	0.10	Completed
28.	Evaluation of Petrol Performance Enhancer	Dr G D Agrawal, Prof. S.L. Soni, Dr. Dilip Sharma	GIAN NORTH Science Park, Jaipur	0.11	Completed
29.	Thermal Validation of the Rack	Dr. J. Mathur, Prof. S.L. Soni, Dr. Dilip Sharma	Hulasi Metals Pvt. Ltd Jaipur	0.11	Completed
30.	Performance Testing of Biomass- Gasifier Coupled Engine-Generator Set	Dr. Dilip Sharma, Dr. J. Mathur Prof. S.L.	GIAN North Jaipur	0.06	Completed



31.	Cooling Load Calculation For Cold Storage	Dr G D Agrawal, Prof. S.L. Soni, Dr. Dilip Sharma	M/s Vishandas Cold Storage, Jaipur	0.06	Completed
32.	Cooling Load Calculation For Cold storage	Dr G D Agrawal, Prof. S.L. Soni, Dr. Dilip Sharma	M/s Nagpal Cold Storage, Jaipur	0.06	Completed
33.	Cooling Load Calculation for Cold Storage	Dr G D Agrawal, Prof. S.L. Soni, Dr. Dilip Sharma	M/s Keshav Cold Storage, Jaipur	0.06	Completed
34.	Development and characterization of a portable gasifier using waste material for fuel substitution in CI engines	Dr. J. Mathur	DST	7.62	Completed
35.	Cool Roof Monitoring: Field study of thermal behavior of cool roof coatings	Dr. J. Mathur, Dr. Vishal Garg	DOE USA	1.44	Ongoing
36.	INDO-US JCERDC-CBERD: R&D for Energy efficiency in buildings	Dr. J. Mathur, Dr. Sanjay Mathur	Indo US Science and Technology Forum, DST, DOE-USA	568.00	Ongoing
37.	Development of training material for ECBC implementation	Dr. J. Mathur	PNNL, USA	6.60	Ongoing
38.	Data collection and facilitation for Sustainable City Analysis for Jaipur City	Dr. J. Mathur, Dr. Sumit Khandelwal, Dr. Sanjay Mathur	LBNL, USA	1.31	Completed
39.	Development and training of knowledge exchange portal for ECBC	Dr. J. Mathur, Mr. Tarush Chandra, Dr. Sanjay Mathur	Climat Works Foundation, USA	8.27	Ongoing



40.	Review and implementation roadmap for thermal building standards for Lebanon	Dr. J. Mathur Dr. G.D. Agarwal Dr. Sanjay Mathur	Price Waterhouse Coopers	1.96	Ongoing
41.	Work Motion and Time Study of MNREGA activities	Dr A Bharadwaj, Prof. M.P. Poonia, Dr. A.S. Jethoo	Govt. of Rajasthan	18.97	Completed
42.	Organization of orientation programme for engineers of Bosch Ltd.	Dr A Bharadwaj	Bosch Ltd.	3.60	Completed
43.	Business Counselling of KNK Bearing Ltd.	Dr A Bharadwaj	EDI Ahmedabad	0.00	Completed
44.	Diagnostic study of Tie and Die sector	Dr A Bharadwaj Dr. Ramesh Mittal	Dept. of Industry, Govt. of Rajasthan	0.45	Completed
45.	Job opportunities in Sangneri Prints	Dr A Bharadwaj Dr. Ramesh Mittal	Dept. of Employment, Govt. of Rajasthan	0.75	Completed
46.	Job opportunities in tourism sector in Rajasthan	Dr A Bharadwaj Dr. Ramesh Mittal	Dept. of Employment, Govt. of Rajasthan	0.82	Completed
47.	Software training to SBBJ Officials	Dr A Bharadwaj Mr. Sanjay Rajpal	SBBJ Jaipur	1.00	Completed
48.	CPM / PERT Training	Dr A Bharadwaj	Rajasthan spinning and weaving mills Ringas	0.05	Completed

New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Design & Development of low cost one way Abrasive Flow Machine (AFM) utilizing pulp & fuller earth based media	Dr. H S Mali	DST	12.49	Ongoing



DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April, 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Study of Metallurgical Aspects of Nitronic Steel for Under Water Part Applications	Prof. Ashok Sharma & Prof. C. P. Sharma	Central Power Research Institute, Bangalore	28.8	Ongoing
2.	Investigation of heat - transfer characteristic on nano -fluid in sub - cooled flow boiling	Mr. R. K. Duchaniya	BRNS	17.0	Ongoing

New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Synthesis of ZnO - CdO nanocomposite for CO gas sensing	Mr. R. K. Duchaniya	DST, Rajasthan	0.11	In process
2.	Aging cycle optimization of Mg - Li-Al based alloys for satellite application	Dr. Vinod Kumar	MNIT Jaipur (Initiation Grant)	15.95	Approved

DEPARTMENT OF CHEMISTRY

Continuing Sponsored Research Projects (Started earlier than 1st April, 2012):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	“Synthesis of Heterobioconjugates as possible Drug Candidates Using Click Chemistry Approach”	Dr. Ragini Gupta	State DST	14	Ongoing



2.	Synthesis of metal carbonyl based organometallic clusters (especially Fe containing) and their catalytic applications in organic transformations”	Dr. Raj Kumar Joshi	DST, New Delhi	25.8	Ongoing
3.	Development of novel environment -friendly, reusable and air stable Pd(0)- and Cu(I) - catalytic systems for the C-C, C-N, and C -O Ullmann -type cross - coupling reactions ” DST WOS-A Project	Dr. Arpi Majumdar PI-Dr. Arpi Majumdar Mentor- Dr. Ragini Gupta	DST Started	20	Ongoing

New Research Projects (Started in the Year 2012-13):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Exploring non -opioid analgesics from bench-side to bed - side: An efficient, cost-effective, asymmetric synthesis and SAR study of new non -opioid anti - pain lead compound, Conolidine.	Dr. Sandeep Chaudhary	DST	23	Recommended By DST.



11.4 FACULTY POSITIONS

Academic Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2013)
1.	Director	1	1
2.	Professor	44	31(37-3-3)
3.	Associate Professor/Reader	87	63(68+3-8)
4.	Assistant Professor	175	72(61+8+3)

11.5 ADMINISTRATIVE STAFF & OTHER STAFF

S. No.	Name of Cadre	Total sanctioned posts	Officers/ officials structured in the cadre
A.	Officers (10 percent of faculty strength)	31	07
1.	Registrar	1	--
2.	Deputy Registrar	3	--
3.	Assistant Registrar	8	2
4.	Executive Engineer	1	--
5.	Assistant Executive Engineer	2	1
6.	Librarian	1	--
7.	Deputy Librarian	1	--
8.	Assistant Librarian	2	1
9.	Senior Medical Officer	1	--
10.	Medical Officer	2	--
11.	Senior Student Activity and Sports (SAS) Officer	1	--
12.	Student Activity and Sports (SAS) Officer	2	1
13.	Principal Scientific/ Technical Officer	1	--
14.	Senior Scientific/ Technical Officer	1	1
15.	Scientific/ Technical Officer	3	1
16.	Security Officer	1	0
B.	Technical Higher (30 percent of faculty strength)	92	11
1.	PB-2 with grade pay of Rs 4200/-	41	02
2.	PB-2 with grade pay of Rs 4600/-	31	04
3.	PB-2 with grade pay of Rs 4800/-	20	05
C.	Technical Lower (30 percent of faculty strength)	92	35
1.	PB-1 with grade pay of Rs 2000/-	41	03
2.	PB-1 with grade pay of Rs 2400/-	31	12
3.	PB-1 with grade pay of Rs 2800/-	20	00
4.	PB-2 with grade pay of Rs 4200/-	00	20
D.	Ministerial Higher (08 percent of faculty strength)	19	06
1.	PB-2 with grade pay of Rs 4200/-	07	00
2.	PB-2 with grade pay of Rs 4600/-	06	00
3.	PB-2 with grade pay of Rs 4800/-	06	06



E.	Ministerial Lower (17 percent of faculty strength)	58	41
1.	PB-1 with grade pay of Rs 2000/-	30	08
2.	PB-1 with grade pay of Rs 2400/-	16	04
3.	PB-1 with grade pay of Rs 2800/-	08	01
4.	PB-2 with grade pay of Rs 4200/-	04	28
F.	Supporting Staff (15 percent of faculty strength)	45	78
1.	PB-1 with grade pay of Rs 1800/-	20	09
2.	PB-1 with grade pay of Rs 1900/-	15	16
3.	PB-1 with grade pay of Rs 2000/-	10	25
4.	PB-1 with grade pay of Rs 2400/-	00	28
	GRANT TOTAL (110 percent of faculty strength)	337	178

WORKING HOURS

The Institute during the year under report observed the following working hours:

1.	Academic Departments	8.00 a.m. to 5.00 p.m. Monday to Friday
2.	For employees working in the Administrative Block	8.00 a.m. to 5.00 p.m. Monday to Friday
3.	Hostels	Round the clock (shift-wise)
4.	Estate Department	8.00 a.m. to 5.00 p.m. on all the days of the week and on Sunday, a few members of the staff are called on duty to attend emergency services.
5.	Library	Shift-wise

11.6 STAFF MEMBERS SPONSORED FOR TRAINING AND LEARNING

DEPARTMENT OF ARCHITECTURE

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Ar. Tarush Chandra	1 st Annual Conference on Architecture and Civil Engineering	Singapore	Singapore	March 18-19, 2013

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	All faculty Members of the Department	National Conference organized by the Deptt.	Jaipur	Dec. 26 -28, 2012



Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date (s)
1.	Mrs. Kalpana Pandit	Associate Professor	Sustainable Cities in Arid Region: Planning, Design and Management	HCM RIPA	Dec. 26-28, 2012
2.	Dr. Satish Pipralia	Assistant Professor	Sustainable Cities in Arid Region: Planning, Design and Management	HCM RIPA	Dec. 26-28, 2012

DEPARTMENT OF CHEMICAL ENGINEERING

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date (s)
1.	Dr. Kailash Singh	Water Desalination, Treatment, and Management (InDAICON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013
2.	Dr. R. K. Vyas	International Conference on Water Desalination, Treatment, and Management (InDAICON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013
3.	Mr. Sushant Upadhyaya	Water Desalination, Treatment, and Management (In DAICON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013
4.	Mr. Sushant Upadhyaya	ETETSSD -2012	JNU Delhi	India	June 05-06, 2012.
5.	Dr. Madhu Agarwal	Alternate fuels	MNIT Jaipur	India	Feb. 6-7, 2013
6.	Dr. Madhu Agarwal	Chemistry for sustainable development	Chokhi - dhani	India	Dec. 10-11, 2012
7.	Dr. Madhu Agarwal	Water Desalination, Treatment, and Management (In DAICON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013
8.	Dr. Suja George	Water Desalination, Treatment, and Management (In DAICON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013



9.	Dr. S. P. Chaurasia	Water Desalination, Treatment, and Management (In DACON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013
10.	Dr. S. P. Chaurasia	ETETSSD -2012	JNU Delhi	India	June 05-06, 2012.
11.	Dr. S. P. Chaurasia	Various Facets of Energy Technologies and its Management for Sustainable Development(ET & MSD - 2013)	JNU, Delhi	India	March 16-17, 2013
12.	Mr. Rajeev Kumar Dohare	Water Desalination, Treatment, and Management (In DACON 2013)	MNIT Jaipur	India	Feb. 21-22, 2013

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. Kailash Singh	Rajbhasha Workshop organized by IIPA, Bangalore	Jaipur	July 27-28, 2012
2.	Dr. R. K. Vyas	Rajbhasha Workshop organized by IIPA, Bangalore	Jaipur	July 27-28, 2012
3.	Dr. Kailash Singh	Applications of CHEMCAD Software	MNIT Jaipur	Dec. 12-13, 2012
4.	Dr. Kailash Singh	National Conference on Water Quality Management (NCWQM - 2012)	Jaipur	Dec. 20-22, 2012
5.	Dr. Madhu Agarwal	Applications of CHEMCAD Software	MNIT Jaipur	Dec. 12-13, 2012
6.	Mr. Sushant Upadhyaya	Applications of CHEMCAD Software	MNIT Jaipur	Dec. 12-13, 2012
7.	Dr. R. K. Vyas	National Conference on Water Quality Management (NCWQM - 2012)	Jaipur	Dec. 20-22, 2012
8.	Mr. Sushant Upadhyaya	National Conference on Water Quality Management (NCWQM - 2012)	Jaipur	Dec. 20-22, 2012
9.	Mr. Rajeev Kumar Dohare	Applications of CHEMCAD Software	MNIT Jaipur	Dec. 12-13, 2012
10.	Mr. Rajeev Kumar Dohare	National Conference on Water Quality Management (NCWQM - 2012)	Jaipur	Dec. 20-22, 2012
11.	Dr. Suja George	All India Seminar on Pollution Prevention through development of Bio-based Material & Energy	MNIT Jaipur	Feb. 22-23, 2013.



12.	Dr. Suja George	Water Conclave 2012 “Reduce, Recycle and Reuse”	Jaipur	Dec. 5, 2012.
13.	Dr. Suja George	FICCI India Innovation Growth Programme 2013	Hotel Ramada Jaipur	Feb. 8, 2013
14.	Dr. Suja George	National Conference on Water Quality Management	Jaipur	Dec. 20-22, 2012
15.	Dr. Suja George	One Day Workshop “Innovations in Defluoridation”	Jaipur	Feb. 9, 2013.
16.	Mr. Shiv Om Meena	Process modification for green technology and energy integration	MNIT Jaipur	Sept. 28-29, 2012
17.	Mr. Shiv Om Meena	A to Z Natural gas and LNG Workshop	Dahej (Gujrat)	Jan. 31- Feb. 2, 2013
18.	Mr. Shiv Om Meena	All india Seminar on pollution prevention through development of bio based materials and energy (Organizing Committee Member)	MNIT Jaipur	Feb. 22-23, 2013
19.	Dr. Madhu Agarwal	National Conference on Water Quality Management (NCWQM-2012)	Jaipur	Dec. 20-22, 2012
20.	Dr. S. P. Chaurasia	National Conference on Water (Jal Satyagrah)	Jaipur	Oct. 12, 2012
21.	Dr. S. P. Chaurasia	National Conference on Water Quality Management (NCWQM - 2012)	Jaipur	Dec. 20-22, 2012
22.	Dr. S. P. Chaurasia	Innovation in Technology	Jaipur	Oct15, 2012

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Date(s)
1.	Dr. Suja George	Fluoride Mitigation Programmes of the drinking water supplies	MNIT Jaipur	Oct. 22 – 26, 2012
2.	Mr. Sushant Upadhyaya	PIPING Engineering	IIT Bombay	7-19 May, 2012
3.	Dr. Madhu Agarwal	PIPING Engineering	IIT Bombay	7-19 May, 2012
4.	Mr. Shiv Om Meena	Recent advances in pollution prevention technologies in process industries	Jaipur & MNIT Jaipur	October 22-26 2012
5.	Dr. Suja George	One Day Workshop “Innovations in Defluoridation” organised by DST	Hotel Ramada, Jaipur	9 th Feb. 2013
6.	Dr. Suja George	"Water quality Management including NABL requirements." sponsored by CCDU, WSSO, Jaipur, 29th to 30th March 2013.	MNIT Jaipur	30 th March 2013.



Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. R. K. Vyas	Birla Institute of Scientific Research, Jaipur	Group Monitoring Workshop of DST, Govt. of India as Expert	Oct. 5, 2012

Seminar/Conference/Workshop organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr. Manish Vashistha and Dr S. K. Jana	Assistant Professor Associate Professor	Short Term Course on "Recent Advances in Pollution Prevention Technologies in Process industries"	India	Oct. 22- 26, 2012
2.	Dr. Manish Vashishth and Dr. Sujia George	Assistant Professor Associate Professor	"All India Seminar on Pollution Prevention through development of Bio- based Material &Energy"	MNIT Jaipur	Feb. 22-23, 2013.
3.	Dr. Kailash Singh Dr. Madhu Agarwal Mr. Sushant Upadhyaya Mr. Rajeev Kumar Dohare	Associate Professor Assistant Professor Assistant Professor Assistant Professor	Applications of CHEMCAD Software	MNIT Jaipur	Dec. 12-13, 2012



4.	Conveners: Prof. S.P.Chaurasia Prof. A.B.Gupta (Civil Engg.Deptt.) Co-Conveners: Dr. R.K.Vyas Dr. Kailash Singh Dr.Madhu Agarwal Mr. Sushant Upadhyaya Mr. Rajeev Dohare Dr. Suja George	Professor Professor Associate Professor Associate Professor Professor Asst. Professor Asst. Professor Asst. Professor Associate Professor Professor	National Conference on Water Quality Management (NCWQM - 2012)	MNIT Jaipur	Dec. 20-22, 2012
5.	Conveners: Prof. S.P.Chaurasia Prof. A.B.Gupta Organizing Secretary: Dr. R.K.Vyas Jt. Organizing Secretaries: Dr.Kailash Singh Dr.Madhu Agarwal	Professor Professor Associate Professor Professor Associate Professor Assistant Professor Professor	International Conference on Water Desalination, Treatment, and Management (In DACON 2013)	MNIT Jaipur	Feb. 21-22, 2013

DEPARTMENT OF CIVIL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop /Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme
1.	Dr A. B. Gupta	Seminar On "World Environment Day" Organized By RPCB And Alwar Engineers Association, Alwar	Alwar	June 4, 2013	"Think, eat and save" - The Theme of WED	
2.	Dr A. B. Gupta	National Conference On "Urban Mobility And Road Safety" Organized By JDA And KIT, Jaipur	Jaipur	April 6, 2013	Invited Talk On "Pollution From Automobiles & Its Implication On Human Health"	
3.	Dr A. B. Gupta	Water Conclave, Organized By CII, Hotel Royal Orchid,	Jaipur	Dec. 5, 2012	Invited Address On "Changing Paradigm For Sewage -From Treatment To Recycle"	



4.	Dr A. B. Gupta	DST-SERB School On Air Quality Management, IIT Bombay,	Bombay	Dec. 6-7, 2012.	“Air Quality And Health - Some Research Issues”,	
5.	Dr A. B. Gupta	“Jalsatyagrah” - National Conference On Water, Organized By Dainik Bhaskar Group At IGPRS, Jaipur	Jaipur	Oct. 12, 2012.	Changing Paradigm For Sewage From Treatment To Recycle	
6.	Dr A. B. Gupta	CSE Workshop At Jaipur On “Water Conservation And Wastewater Recycle/ Reuse In Rajasthan – Issues And Challenges”,	Jaipur	Feb. 7, 2013	“Changing Paradigm For Sewage - From Treatment To Recycle”	
7.	Dr P V Ramana	ICEIST CON 2013, IRD	Pune	Feb. 23, 2013	“An FSM Analysis For Box Girder Bridges”	Computation
8.	Dr P V Ramana	ICMMME 2013, IRD	Pune	Feb. 25, 2013	“A Novel Procedure For Solving	Mathematical

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr A. B. Gupta	“Water Desalination, Treatment And Management” And Indacon 2013 Organized By Inda And MNIT Jaipur.	Jaipur	India	Feb.21-22, 2013
2.	Dr. Mahesh Kumar Jat	International Conference On Water Desalination, Treatment And Management & Indian Desalination Association Annual Congress - 2013 (Indacon 2013)”	Jaipur	India	Feb. 21-22, 2013



3.	Dr P V Ramana	“Computational Mechani sm On Large Deformable Bodies" ICCMS	IIT, Hyderabad	India	Dec. 10-12,2012
4.	Dr. S. D. Bharti	15 th World Conference On Earthquake Engineering,		Lisbon	Sept. 24-28, 2012
5.	Prof. B L Swami	Annual International Conference on Architecture and Civil Engineeri ng (ACE 2013		Singapore	March 18-19, 2013
6.	Dr. R. C. Gupta	UKIERI Concrete Congress on Innovations in concrete construction		NIT, Jalandhar	March 5-8, 2013

Participation of Faculty in National Seminar/Symposia/Workshop/conference

S. No.	Name of the Faculty	Title of Event	Place	Date (s)
1.	Dr A. B. Gupta	National Conference On Water Quality Mgmt (NCWQM 2012)	Jaipur	Dec. 20-22, 2013
2.	Dr A. B. Gupta	Seminar On “World Environment Day” Organized By RPCB And Alwar Engineers Association, Alwar	Alwar	June 4, 2013
3.	Dr A. B. Gupta	National Conference On “Urban Mobility And Road Safety” Organized By JDA And KIT, Jaipur	Jaipur	April 6, 2013
4.	Dr A. B. Gupta	Water Conclave, Organized By CII, Hotel Royal Orchid,	Jaipur	Dec. 5, 2012
5.	Dr A. B. Gupta	DST- SERB School On Air Quality Management, IIT Bombay,	Bombay	Dec. 6-7, 2012.
6.	Dr A. B. Gupta	“Jalsatyagrah” - National Conference On Water, Organized By Dainik Bhaskar Group At IGPRS, Jaipur	Jaipur	Oct. 12, 2012.



7.	Dr A. B. Gupta	CSE Workshop At Jaipur On “Water Conservation And Wastewater Recycle/ Reuse In Rajasthan – Issues And Challenges”,	Jaipur	Feb. 7, 2013
8.	Dr A K Vyas	National Workshop On Repair And Rehabilitation of Structures	Jaipur	Oct. 5-6, 2012
9.	Dr. Mahesh K. Jat	National Conference On Water Quality Management (NCWQM - 2012),	Jaipur	Dec. 20-22, 2013
10.	Dr.Sudhir Kumar	Outcome Based Accreditation Process And Parameters	Delhi	Sept. 21-22, 2013
11.	Dr.Sudhir Kumar	Sustainable Devt. And Role of Technologies	Jaipur	May 18-19 , 2012
12.	Dr.Sudhir Kumar	Annual Convention of ISTE	Hydrabad	Dec. 20-22., 2012
13.	Dr. Sandeep Shrivastava	National Conference on Renewable Energy & Green Buildings	Jaipur	May 9, 2013

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date (s) of Visit
1.	Dr. Mahesh Kumar Jat	IIT Roorkee	To Attend Project Meeting	March 24, 2013
2.	Dr. Mahesh Kumar Jat	NIT Hamirpur	To Deliver A Lectuer In A STTP	May 16-17 2013
3.	Dr P V Ramana	BMSCE, Bangalore	SPL Lecture	June 21-23, 2012
4.	Prof. Rohit Goyal	SVNIT Surat	To Attend Climate Change Project Meeting At SVNIT Surat	Jan.13,2013
5.	Dr. Sudhir Kumar	Yaduvanshi College	Rajasthan Technical University Visit	Jan. 25, 2013

Participation of Faculty In Short Term Courses In India:

S. No.	Name of The Faculty	Name of The Course	Place	Date (s)
1.	Dr. S D Bharti	Earthquake Behaviour of Buildings” At IIT Madra	IIT Madras	Jan. 20-26, 2013



Guest Lectures Organized In The Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Prof. Charles Kibert	Professor at University of Florida	Net Zero Energy Buildings	Feb. 15, 2013 (By Dr.Sandeep Shrivastava In Coordination With Center For Energy and Environemnt. MNIT
2.	Prof. C. V. R. Murty	IIT Madras	Seismic Vulnerability of Urban Houseing In India”	On Aug. 4, 2012 By Dr. S D Bharti

Visitors to the Department

S. No.	Name of The Visitor	Designation	Affiliation	Purpose	Date (s)
1.	T. K. Datta.	Professor	IIT Delhi		
2.	Er. C. S. Prasad	Director General,	CPWD, New Delhi		
3.	Er. A. K. Jain	Add. Director General,	CPWD, New Delhi		
4.	Prof. C. V. R. Murty	Professor	C. V. R. Murty		

Seminar/Conference/Workshop Organized:

S. No.	Name of The Faculty	Designation	Title of Event	Place	Date (s)
1.	Dr A. B. Gupta	Convener	National Conference On Water Quality Management NCWQM-2012	Jaipur	Dec.20-22, 2012
2.	Dr A. B. Gupta	Convener	International Conference On “Water Desalination, Treatment And Management”	Jaipur	Feb.21-22, 2013
3.	Dr A. B. Gupta	Member of Organizing Committee	International Conference On “Alternate Fuels For I.C. Engines”	Jaipur	Feb.06-08, 2013
4.	Dr A. B. Gupta	Member of Organizing Committee	Workshop On “Innovations In Defluoridation Technologies”	Jaipur	Feb.09, 2013



5.	Dr Vinay Agrawal	Coordinator	National Workshop On Repair & Rehabilitation of Structures	Jaipur	Oct. 05-06, 2012
6.	Dr. Urmila Brighu	Co-Cordinator Dr. Sanjay Mathur	Environment Impact Assessment	MNIT Jaipur	Nov. 20-21 , 2012
7.	Dr. Sanjay Mathur	Co-Cordinator	2nd National Conference of IBPSA-India On "Simulation of Buildings For Energy Efficiency And Better Built Environment"	MNIT Jaipur	Dec. 21-22, 2012
8.	Dr. Sanjay Mathur	Co-Cordinator	Promoting Green And Energy Efficient Buildings In Rajasthan™	MNIT Jaipur	Sept. 22, 2012
9.	Civil Dept Faculty	Oraganizer	6 RUIDP Training Course	MNIT jaipur	2012-2013
10.	Prof. B L Swami	Organizer	Transport Infrastructure and	MNIT Jaipur	March 07-09, 2013

DEPARTMENT OF COMPUTER ENGINEERING

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date (s)
1.	Yogesh Meena	International workshop on "Data Analytics and Applications"	BITS PILANI GOA CAMPUS	INDIA	Feb. 26- March 1, 2013
2.	Namita Mittal	14th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing 2013), Vol -7817, pages - 13-24,	Samos. 2013	Greece	March 24-31, 2013
3.	Prof. MS Gaur	International Conference on Security of Information and Networks (SIN 2012)	MNIT Jaipur	India	Oct. 22-26, 2012
4.	Dr. Vijay Laxmi	International Conference on Security of Information and Networks (SIN 2012)	MNIT Jaipur	India	Oct. 22-26, 2012



Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Mushtaq Ahmed	Govt Engineering College Ajmer	Expert lecture delivered	
2.	Mushtaq Ahmed	Mody Institute of Technology of Sc.	Expert as Examination Paper moderation	
3.	Namita Mittal	Govt Women Engineering College, Ajmer	Expert lecture delivered	Feb. 26, 2013

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Prof. Raj Srinivasan	Professor in Mathematics and Statistics, Department head	University of Saskatchewan, Canada	Interaction with faculty for exchange programme, expert lecture	Feb. 21-22, 2013

Seminar/Conference/Workshop/Short Term Course organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Neeta Nain & Mushtaq Ahmed	Assistant Professor	Short Term Program on Pattern Recognition Techniques	MNIT Jaipur	May 13 – 17, 2013
2.	Mushtaq Ahmed & Neeta Nain	Assistant Professor	Computer Awareness Program for MNIT Staff	MNIT Jaipur	May 13 - 17, 2013
3.	Prof. MS Gaur	Professor	International Conference on Security of Information and Networks (SIN 2012)	MNIT Jaipur, India	Oct. 22-26, 2012
4.	Dr. Vijay Laxmi	Associate Professor	International Conference on Security of Information and Networks (SIN 2012)	MNIT Jaipur, India	Oct. 22-26, 2012



5.	Dr. Namita Mittal & Dr. Vijay Laxmi	Assistant Professor, Associate Professor	Short term program on Machine Intelligence	MNIT Jaipur	Sept. 10 - 14, 2012
6.	Dr. Namit a Mittal	Assistant Professor	Workshop on Natural Language processing	MNIT Jaipur	Feb. 20-24, 2012
7.	Dr. Namita Mittal	Assistant Professor	Expert lectures on Semantic Web	MNIT Jaipur	Oct. 23-24, 2012

DEPARTMENT OF ELECTRICAL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop /Conference

S. No.	Name of the Faculty	Title of Event	Place	Date (s)	Title of Keynote address	Theme
1.	Prof. R. A. Gupta	IEE Sponsered National Conference on “Advances & Research in Electrical System Techn ology, AREST-13”, AIET, Jaipur	AIET Jaipur	Feb. 15-16, 2013	Power Electronics Past, Presnt & Future	Power Electronics
2.	Dr. Anil Swarnkar	The Institute of Engineers (India) sponsored, National Conference on ‘Advance Research in Engineering Technology & Applied Sciences (ARETAS-13)’	JIT, Jaipur	March 23, 2013	‘Application of Artificial Intelligence Techniques in Engineering’	Computational Intelligence
3.	Dr. Nitin Gupta	All India Seminar on “Optimal use of Power Electronics in Modern Power System and Renewable Energy”	CTAE, Udaipur	March 08-09, 2013	Power Quality Improvemet using Shunt Active Powe Filter	Power Electronics



4.	Dr. Nitin Gupta	TEQIP sponsored STC on "Power Electronics, Drives and MATLAB applications"	RTU Kota	March 18-22, 2013	Power Quality	Power Electronics
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Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date (s)
1.	Dr. H. P. Tiwari	International Conf. on "Power Electronics Derives and Energy Systems"	Bangalore	India	Dec. 16-19, 2012
2.	KusumVerma	2012 IEEE PES General Meeting	San Diego, California	USA	July 22 – 26, 2012

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. H. P. Tiwari	Metallurgical Problems in Power Projects in India	MNIT Jaipur	Feb. 22-23, 2013
2.	Dr. Rohit Bhakar	17 th National Power Systems Conference 2012	IIT BHU	Dec. 12-14, 2012
3.	Dr. Nitin Gupta	Effective Quality Upgradation Assistance for Technical Education	MNIT Jaipur	Dec. 14-16, 2012

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. Rohit Bhakar	IIT Mandi, NITTR Chandigarh, NIT Hamirpur	Research Collaboration	Sept. 2012
2.	Prerna Jain	IIT Kanpur	For attending Faculty development course	Oct. 29 - Nov. 02, 2012

**Seminar/Conference/Workshop/Short Term Course organized:**

S. No.	Name of the Organizing Secretary	Title of Event	Place	Date(s)
1.	Prof. R. A. Gupta Dr. H. P. Tiwari Dr. Rajesh Kumar Dr. Nitin Gupta	Two days National conference on “Power Electronics and Intelligent control” NCPEIC-12	MNIT Jaipur	Nov. 01 - 02, 2012
2.	Dr. Rajesh Kumar, Dr, H.P. Tiwari, Dr. RohitBhakar, Mrs. Purna Jain	One week Short term course on “Smart Technologies for Power Management ”	MNIT Jaipur	Feb. 21 - 25, 2013
3.	Dr. Rohit Bhakar	International Seminar under theIndia UK Scientific Seminar on “Economically and Socially Efficient Network Pricing for Smarter Distribution Grids ”	MNIT Jaipur	Feb. 23 - 24, 2013
4.	Prof. K. R. Niazi Dr. Nikhil Gupta Dr. Anil Swarnkar	One week Short Term Course on “Operation and Control of Modern Power Systems” (OCMPS)	MNIT, Jaipur	March 7 - 11, 2013
5.	Dr. Vikas Gupta Dr. H. P. Tiwari	STC on Smart Grid Technologies	MNIT Jaipur	May 14 - 18, 2012



Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Date(s)
1.	Mrs. Prerna Jain	Quality Improvement Programme, MHRD sponsored Short Term Faculty Development Programme on “ Power Markets: Economics and Management”	IIT Kanpur	29/10/12 to 02/11/12
2.	Dr. Nitin Gupta	Operation and Control of Modern Power Systems (OCMPS)	MNIT Jaipur	07-11 March 2013
3.	Dr. Nitin Gupta	TEQIP sponsored STC on "Power Electronics, Drives and MATLAB applications"	RTU Kota	18-22 March 2013

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. S.A. Khaparde	Professor, IIT Mumbai	Wheeling charges in India	Feb. 24, 2013
2.	Dr. J. D. Kulkarni	COO, Tata Power Trading	Regulatory challenges for distribution network pricing in India	Feb.24, 2013
3.	Dr. S. N. Singh	Professor, IIT Kanpur	Estimation of Grid Harmonics in the Presence of Renewable Energy Sources	Feb. 25, 2013
4.	Dr. A.R. Abhyankar	Assistant Professor, IIT Delhi	Introduction to Deregulation	Feb. 21, 2013
5.	Dr. S. K. Calla	Ex-CMD RVUN Chairman The Institution of Engineers(India) Rajasthan Centre	Power System & Control And Instrumentation System In Power Plant	March 07, 2013
6.	Sh. B. N. Saini	Director (Operations) RVPN	Indian Power System: An Overview	March 07, 2013
7.	Dr. Nilanjan Senroy	Assistant Professor, IIT Delhi	1. Power System Stability and Control 2. Wide Area Measurement Systems	March 08, 2013
8.	Dr. Biswarup Das	Professor, IIT, Roorkee	Flexible AC Transmission Systems (FACTS) – an overview	March 09, 2013



9.	Dr. S. Chakrabarti	Assistant Professor, IIT Kanpur	<ol style="list-style-type: none"> 1. Enhanced monitoring of power systems using phasor technology 2. Phasor measurement technology and its applications to power systems 3. Optimal PMU Placement 4. Hybrid State Estimation 5. Real-time voltage stability monitoring and load modelling 	March 10, 2013
10.	Dr. Ibraheem	Professor, Jamia Millia Islamia, New Delhi	Automatic Generation Control: Concepts, Design And Implementation	March 11, 2013

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop /Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme
1.	Dr. Vijay Janyani	National Conference on Recent Developments in Wireless and Optical Technologies	MNIT Jaipur	Oct. 29-30, 2012	High data rate future optical communication technologies (Invited Talk)	Optical Communication
2.	Dr. Vijay Janyani	STTP on Recent Advances in Signal Processing and Communications	MNIT Jaipur	Sept. 01-05, 2012	Advanced Photonic Communication	Optical Communication

Participation of Faculty in short term courses in India

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. K.K. Sharma	Recent advances in Signal Proc.	MNIT	Sept. 01-05, 2013



Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr Sunil Khijwania	Faculty, IIT Guwahati	Fiber Optics to Sensing: A Versatile Technological Revolution and Latest Research Trends	Sept. 20, 2012
2.	Dr Gourab Sen Gupta	Massey University, New Zealand	Sensors, Automation and Robotics	Jan.16, 2013
3.	Dr B K Kaushik	IIT Roorkee	Nano Electronics	Nov. 14, 2012

Seminar/Conference/Workshop organized:

S. No.	Name of the Organizing Secretary	Title of Event	Place	Date(s)
1.	Dr.K. K. Sharma	ICCESD	Jaipur	Jan.28-30, 2013
2.	Dr Vijay Janyani	International Conference on Electronics and Communication System Design	Hotel Ramada, Jaipur	Jan.28-30, 2013
3.	Mr. Lava Bhargava	International Conference on Electronics and Communication System Design	Hotel Ramada, Jaipur	Jan.28-30, 2013

DEPARTMENT OF MECHANICAL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop /Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme
1.	Dr. Harlal S Mali	CONCLAVE on 'Design the Future'	JW Marriot Chandigarh	Oct. 20, 2012		
2.	Dr. Harlal S Mali	CONCLAVE on 'Design the Future'	JW Marriot Chandigarh	Oct. 20, 2012	Digital Prototyping	Improving Quality of design and Engineering Education-Preparing Students to meet the Real World Challenges.



Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	S.L. Soni	The 3rd International Conference on Microgeneration and Related Technologies	Naples, Italy	Italy	2013
2.	Dilip Sharma	The 3rd International Conference on Microgeneration and Related Technologies	Naples, Italy	Italy	2013
3.	Harlal Singh Mali	4th International and 25th All India Manufacturing Technology, Design and Research Conference, (AIMTDR 2012)	Jadhavpur University, Kolkatta	India	2012
4.	Gunjan Soni	1 st International Conference on Best Practices in Supply Chain Management (BPSCM)	Bhubneshwar	Orrisa	2012
5.	Gunjan Soni	XVI Annual International Conference of the Society of Operations Management	New Delhi	Delhi	2012
6.	Gunjan Soni	International Conference on Global Strategies for Emergent	Kozhikode	Kerla	2012

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Country	Date(s)
1.	Dr. Gunjan Soni	Six sigma green belt training	ISI Delhi	India	Nov. 07-09, 2012
2.	Dr. Dinesh Kumar	Short course on Finite Element Method	IIT Hyderabad	India	Dec. 19-21, 2012
3.	Dr. Amit Singh	Short course on Finite Element Method	IIT Hyderabad	India	Dec. 19-21, 2012
4.	Dr. Harlal S Mali	Micromanufacturing	IIT Kanpur	India	Nov.05-10, 2012



Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Prof. S.K. Saha, Naren Gupta	Chair Professor Mechatronics Lab. Dept. of Mech Eng. and Programme for Autonomus Robotics, IIT Delhi	Robotics	March 17 -18, 2013

Seminar/Conference/Workshop organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr.G.S. Dangayach	Associate Professor	28 th National Convettntion of Production Engineers	MNIT JAIPUR	May 04-05, 2013
2.	Dr. M.L. Mittal Dr. Awadesh Bharadwaj	Associate Professor	National Conference on Manufacturing and Logistics Management	MNIT JAIPUR	March 08-09, 2013
3.	Dr. Dilip Sharma, Prof S.L. Soni	Associate Professor, Profres sor	International Conference on Alternative Fuels for I.C. Engines (ICAFICE 2013)	MNIT JAIPUR	Feb. 06-08, 2013
4.	Dr. Harlal Singh Mali	Assistant Professor	STTP on Computer Aided Strength of Materials and Analysis of Materials and Analysis & Design of Machine & Structural Elements	MNIT JAIPUR	Dec. 24-28, 2012
5.	Dr. Gunjan Soni, Prof. Rakesh Jain	Assistant Professor, Professor	STTP on Six Sigma: Basics and Applications	MNIT JAIPUR	Dec. 17-21, 2012



6.	Dr. Awadesh Bharadwaj Dr. G S Dangayach	Associate Professor	FDP for faculty of various Engineering colleges	Govt. Engineering College, Ajmer	May 2012
7.	Dr. Himanshu Chaudhary, Dr. Amit Singh	Assistant Professor	STTP on Optimization Techniques for Engineering Design	MNIT Jaipur	March 20-24, 2013
8.	Dr. A. Bhardwaj Dr. G S Dangayach	Associate Professor	Six Entrepreneurship Awareness Camps	MNIT and other technical institutions	April , 2012 – March, 2013

DEPARTMENT OF MANAGEMENT STUDIES

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S.No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Monica Sharma	1st International Conference on Best Practices in Supply Chain Management	Shiksha O Anusandhan University, Bhubaneswar	India	Nov. 21 - 23, 2012

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Prof. Sangeeta Sharma	Associate Professor	Role of effective Communication for Knowledge Transfer	April 08, 2013
2.	Prof. Sangeeta Sharma	Associate Professor	How to make excellent presentations?	April 08, 2013
3.	Mr. Vinay Modi	Director PT Education	"Management Lessons from Indian Mythology"	Oct. 19, 2012

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Date(s)
1.	Dr. Monica Sharma	Six Sigma Green Belt	ISI, Delhi	Nov. 07-09, 2012



Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Prof. Vi nay K. Nangia	Professor	Department of Management Studies, IIT Roorkee	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
2.	Prof Anu Singh Lather,	Dean and Head,	University School of Management , Guru Gobind Singh Indraprastha University, Delhi	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
3.	Prof. S. K. Jain	Professor	Department of Management Studies, IIT Delhi	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
4.	Prof. D. K. Gupta	Professor	University Business School, Punjab University	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
5.	Mr. Lovneesh Chanana ,	Director	KPMG (Management Consultancy Company), New Delhi	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
6.	Mr. M.A. Mateen,	Vice-President (Finance and Accounting)	British Paints	Lecture in the workshop on Curriculum Development	Nov. 17, 2012
7.	Prof N. R. Shetty,	Professor	Founder ISTE, Former VC,BU	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
8.	Mr. Hemant Kohli	CEO & Cofounder	Book Adda, New Delhi	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
9.	Mr. C. S. Thanvi	General Manager	SIDBI	Lecture in management conclave "Challenges in	Nov. 09, 2012



10.	Mr. Sanjeev Maheshwari	Director	R Factor consultancy Ltd., Mumbai	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
11.	Mr. Anil Singh	Head HR-Rajasthan	Aircel, Jaipur	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
12.	Mr. P. Sudarshan	GM-HR	Bosch ltd., Jaipur	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
13.	Mr. Sanjeev Anand	MD	Cedar Management Consulting International	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
14.	Mr. Rohit Johar	Asst Vice president & HR site leader	Genpact ltd	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
15.	Mr. Dhruvjyoti Datta	Head Delivery	A3logics, Jaipur	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
16.	Mr. Sharad Kamra	Executive Director	TiE Rajasthan	Lecture in management conclave "Challenges in	Nov. 09, 2012



17.	Mr. Mahavir Sharma	Director and Cofounder	RAIN (Rajasthan Angel Innovators n Network),	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
18.	Mr. Manuj Goyal		TiE	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
19.	Mr. Baljinder		TiE, Mauritius.	Lecture in management conclave "Challenges in Managing Human Capital in the 21st Century"	Nov. 09, 2012
20.	Mr. Manuj Goyal	President	TiE, Rajasthan	Lecture in TIE International Business Plan Competition	Sept. 30, 2012
21.	Mr. Mahavir Pratap Sharma	Board of Trustee	TiE Global	Lecture in TIE International Business Plan Competition	Sept. 30, 2012
22.	Mr. Sanjay Yadav	Cofounder	RAIN (Rajasthan Angel Innovatorsn Network),	Lecture in TIE International Business Plan Competition	Sept. 30, 2012
23.	Mr. Sharad Kr. Kamra	Executive Director	TiE Rajasthan	Lecture in TIE International Business Plan Competition	Sept. 30, 2012
24.	Mr. Amit Grover	Founder	Nurture Talent Academy	Lectures in workshop on 'Idea to execution'	Sept. 12-13, 2012



DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop /Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme
1.	R.K. Duchaniya	All India seminar on "Nanotechnology Application (NTA -2012)"	MNIT	Oct. 06- 07, 2012	Characterization techniques for nanomaterials	Nanotechnology
2.	Dr. Vinod Kumar	Scanning and Transmission Electron Microscopy: Sample Preparation and Studies	MNIT	Dec. 18, 2012	Basics of Scanning Electron Microscopy and its Application	Characterization

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Prof. Ashok Sharma	International Conference on "Solidification Science and Processing"	IIT, Bhubaneswar	India	Nov. 19- 22, 2012
2.	Prof. Ashok Sharma	International Conference and Exhibition "ALUCAST 2012"	Greater Noida (U.P.)	India	Dec.13, 2012
3.	Prof. U. Pandel	International Conference and Exhibition "ALUCAST 2012",	Greater Noida (U.P.)	India	Dec.13, 2012
4.	R.K.Duchaniya	International Conference On Recent Trends In Applied Physics & Materials Science (RAM 2013)	Bikaner	India	Feb. 01-02, 2013



Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Prof. U. Pandel	National Seminar on Metallurgical Problems in Power Projects in India	MNIT Jaipur	Feb. 22-23, 2013
2.	Dr. Vinod Kumar	Workshop on Scanning and Transmission Electron Microscopy: Sample Preparation and Studies	MNIT Jaipur	Dec. 18, 2012
3.	Mr. R. K. Duchaniya	Scanning electron microscopy	IISc Bangalore	Dec. 17-21, 2012
4.	Prof. Ashok Sharma	National Seminar on "Metallurgical Problems in Power Projects in India"	MNIT Jaipur	Feb. 22-23, 2013
5.	Dr. S.K.Gupta	National Seminar on Metallurgical Problems in Power Projects in India	MNIT Jaipur	Feb. 22-23, 2013
6.	Dr. V.K.Sharma	National Seminar on Metallurgical Problems in Power Projects in India	MNIT Jaipur	Feb. 22-23, 2013
7.	Dr. V.K.Sharma	National workshop on steel technology and steel forum meeting	MNIT Jaipur	Sept. 13-14, 2012
8.	Dr. Vinod Kumar	National workshop on steel technology and steel forum meeting	MNIT Jaipur	Sept. 13-14, 2012
9.	Dr. Vinod Kumar	National conference on advances in Naval Materials (ADNAM -2013)	Chennai	Feb. 22, 2013
10.	Mr. R. K. Duchaniya	All india seminar on "Nanotechnology Application (NTA - 2012)	MNIT Jaipur	Oct. 06- 07, 2012
11.	Mr. R. K. Duchaniya	National Seminar on Metallurgical Problems in Power Projects in India	MNIT Jaipur	Feb. 22-23, 2013



Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Prof. U. Pandel	Deakin India office	Signing MOU	July 22, 2012
2.	Dr. V.K.Sharma	Deakin India office	Signing MOU	July 22, 2012
3.	Prof. M. K. Banerjee	Deakin India office	Signing MOU	July 22, 2012
4.	Prof. Ashok Sharma	Norwegian University of Science and Technology (NTNU), Trondheim, Norway	Scientific interaction and possibility for MOU	Oct. 15-16, 2012
5.	Prof. U. Pandel	CSIR-CGCRI Culcutta	Scientific interaction and possibility for MOU	Nov. 16-18, 2012
6.	Prof. Ashok Sharma	Star Wire (India) Ltd. Ballabgarh, Haryana	Technical Talk on "Nitronic Steel for Under Water Part Application"	Dec. 27-28, 2012
7.	Prof. U. Pandel	CSIR -CGCRI Culcutta	MOU	Feb. 01-02, 2013
8.	Prof. P. R. Soni	UPSC, New Delhi	Advisor to selection board	Feb. 2013

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Prof. Peter Hodgson	Director of Research, Deakin University (Australia)	Advanced characterization Techniques	Sept. 13-14, 2012
2.	Mr. N.C. Mathur	Advisor, Jindal Stainless Limited (New Delhi)	Expert lecture	Jan. 31, 2013
3.	Dr. S. Das	Scientist G, Head, Metallic Composite Group, AMPRI, Bhopal	Aluminium Foam: A Potential Functional Material	Feb. 18, 2013
4.	Dr. A. Ghosh	Head, Manufacturing division, NBC	Cracks in Bearing	March 06, 2013



Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Dr. B. S. Murty	Professor	IIT Chennai	Departmental visit & interaction with faculties	June 13, 2012
2.	Dr. Jitendra Kumar	Professor	IIT Kanpur	Departmental visit & interaction with faculties	June 13, 2012
3.	Dr. Ravi Kumar	Professor	NIT Hamirpur	Departmental visit & interaction with faculties	June 13, 2012
4.	Mr. Santosh Hedge	Senior VP, Q&A	Welspun	Signing MOU	Aug. 03, 2012
5.	Prof. Peter Hodgson	Director of Research	Deakin University (Australia)	Research interaction	Sept. 13-14, 2012
6.	Dr. Surendra Singh	Professor	IIT Roorkee	External Supervisor for Ph.D. Viva -Voice of Dr. P.C.Meena	Oct. 23, 2012
7.	Dr. Harprit Singh	Professor	IIT Ropar	External Examiner for Ph.D. Viva - Voice of Dr. P.C.Meena	Oct. 23, 2012
8.	Mr. N. C.Mathur	Advisor	Jindal Stainless Limited (New Delhi)	Technical talk	Jan. 31, 2013
9.	Dr. S. Das	Scientist G, Head, Metallic Composite Group	AMPRI, Bhopal	Technical talk	Feb. 18, 2013
10.	Dr. A. Ghosh	Head, Manufacturing division, NBC	Cracks in Bearing	Technical talk	March 06, 2013



Seminar/Conference/Workshop/Open house organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Prof. U. Pandel ¹ , Prof. M.K.Banerjee ² , Dr. V. Kumar ³	¹ Head, ² Steel Chair Professor, ³ Asst. Professor	Two day National Workshop on Steel Technology and Steel Forum Meet	MNIT Jaipur	Sept. 13- 14, 2012
2.	Mr. R. K. Duchaniya	Assistant Professor	One day workshop on "Surface Coating Techniques"	MNIT Jaipur	Oct. 05, 2012
3.	Prof. P.R. Soni & Prof. U. Pandel	Professors	Open House with Metallurgical Professionals	MNIT Jaipur	Nov. 23, 2012
4.	Dr. Vinod Kumar	Assistant Professor	One day Workshop on "Scanning and Transmission Electron Microscopy : Sample Preparation and Studies"	MNIT Jaipur	Dec. 18, 2012
5.	Prof. Ashok Sharma	Professor	A two days National Seminar on "Metallurgical Problems in Power Projects in India"	MNIT Jaipur	Feb. 22- 23 , 2013
6.	Dr. V.K.Sharma	Assoc. Professor	One day workshop on "Advanced Materials Technology"	MNIT Jaipur	March 01, 2013

DEPARTMENT OF CHEMISTRY

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Raj Kumar Joshi	XXVth International Conference on Organometallic Chemistry	Lisbon	Portugal	Sept.02- 07, 2013
2.	Dr. Sandeep Chaudhary	"Chemistry for a Sustainable future" International workshop on Green Chemistry	Jaipur, Rajasthan	India	Dec. 10-12, 2012
3.	Dr. Raj Kumar Joshi	"Chemistry for a Sustainable future" International workshop on Green Chemistry	Jaipur, Rajasthan	India	Dec. 10-12, 2012



Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. Sandeep Chaudhary	1. National Workshop attended on “ Modern Sophisticated Instruments”	Indian Institute of Technology, Indore (Feb, 2013), India.	Feb. 22-23, 2013

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. Mobin Shaikh	Assistant professor, IIT Indore	Single -Crystal to Single -Crystal (SCSC) Transformations at Discrete Dimeric Copper Complexes and Polymeric Mercury Complexes	Nov. 06, 2012
2.	Dr. Yuri Torubaev	Senior Scientis, Moscow, Russia	Hypervalent Bonding in Molecules and Crystals."	Jan. 22, 2013
3.	Dr. Sundergopal Ghosh	Associate Professor, IIT Madras	Supraicosahedral Polyhedra in Metallaboranes	Aug. 12, 2013
4	Dr. Ramendra Pratap	Asst. Prof., Department of Chemistry, University of Delhi	2H -Pyran-2-one: A magical precursor	Jan. 25, 2013
5	Dr. Rajendra Srivastava	Asst. Prof., Department of Chemistry, Indian Institute of Technology Ropar	Hierarchical/Nanocrystalline zeolite: A new concept in zeolite chemistry	May 10, 2013
6.	Dr. Rajneesh Misra	Asst. Prof., Department of Chemistry, Indian Institute of Technology Indore	Donor-Acceptor Molecular system for Optical Limiting Applications.	Aug 02, 2013

DEPARTMENT OF HUMANITIES

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Nupur Tandon	International Conference on Empowering the English Language Classroom	MNIT Jaipur	India	Jan. 2013
2.	Dr Preeti Bhatt	Tenth Asia TEFL International Conference	New Delhi	India	Oct. 04-06, 2012



3.	Dr. Preeti Bhatt	International Conference on Interfacing Language Culture and Technology	BITS Pilani	India	Oct. 08-09, 2012
4.	Dr. Dipti Sharma	8 th Biennial International Workshop on Advances in Energy Studies, 2012.	Indira Gandhi Institute of Development Research, Mumbai	India	Oct. 25-27, 2012.

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. Preeti Bhatt	Teaching English Language Skills Using Forum organized by US Embassy, New Delhi, in collaboration with ELTAI, Rajasthan .	Jaipur National University, Jaipur	May 24- 25, 2012
2.	Dr. Preeti Bhatt	National Seminar on Geoscapes of the Mind: Travel, Belongings and Transformations organized by IRIS, Jaipur	Jaipur	June 09-10, 2012
3.	Dr. Preeti Bhatt	One Day National Seminar on Dialogues: Contemporary Critical and Theoretical Approaches organized by IRIS, Jaipur	Jaipur	Nov. 17, 2012
4.	Dr. Preeti Bhatt	Short- Term Course on Communication Skills @ the Workplace	MNIT Jaipur	Feb.18-22, 2013

Visit of Faculty Members to other Institutions

S. No.	Name of the Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr Preeti Bhatt	Birla Institute of Technology, Pilani	Paper Presentation in “International Conference on Interfacing Language, Culture and Technology”	Oct. 08-09, 2012
2.	Dr Preeti Bhatt	Jaipur National University, Jaipur	To participate in Workshop on Teaching English Language Skills Using Forum organized by US Embassy, New Delhi, in collaboration with ELTAI, Rajasthan .	May 24- 25, 2012
3.	Dr. Nupur Tandon	LNMIIT Jaipur	Faculty S elections	July 16, 2012
4.	Dr. Nupur Tandon	LNMIIT Jaipur	As Subject Expert for Syllabus Development	July 28, 2012
5.	Dr. Nupur Tandon	MGD Girl’s School, Jaipur	Judge, IPSC Debate Competition	Oct. 05, 2012
6.	Dr. Nupur Tandon	Govt. Women’s Engineering College, Ajmer	Expert, Selection Committee	Feb. 16, 2013



Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Prof. Pramod Talgeri	Vice Chancellor	India International Multiversity, Pune	To deliver Keynote Address in International Conference	Jan.18-19, 2013.
2.	Prof. Rukmini Bhaya Nair	Professor	Department of Humanities and Social Sciences, IIT Delhi	To deliver Keynote Address in International Conference	Jan.18-19, 2013.
3.	Prof. Pashupati Jha	Professor	Department of Humanities and Social Sciences, IIT Roorkee	To deliver Keynote Address in International Conference	Jan.18-19, 2013.
4.	Prof. Jasbir Jain	Director	Institute for Research in Interdisciplinary Studies, Jaipur	To deliver Keynote Address in International Conference	Jan.18-19, 2013.

Seminar/Conference/Workshop organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr Preeti Bhatt & Mrs Nanny Tripathi	Assistant Prof. Associate Prof. & Head of the Deptt.	International Conference on Empowering the English Language Classroom	MNIT Jaipur	Jan. 18-19, 2013
2.	Dr. Nupur Tandon	Assoc. Prof.	Short -Term Course on Communication Skills @ the Workplace	MNIT Jaipur	Feb.18 - 22 , 2013

DEPARTMENT OF MATHEMATICS

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Mathematics Department	Curriculum development/ Syllabus committee to review /develop syllabi	Jaipur	9-10 Feb .2013
2.	Prof. Kantesh Gupta	Conference on Computational and Mathematical Sciences	VIT, Jaipur	30 Nov. -1 Dec. 2012
3.	Dr. Vatsala Mathur	Conference on Computational and Mathematical Sciences	VIT, Jaipur	30 Nov. -1 Dec. 2012



Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	D.S. Hooda	Professor & Dean(Research) and Head, Deptt. of Mathematics , J.I. of Engg.& Tech., Raghogarh Guna (M.P.)	Scientific and Cultural Values o f Mathematics	21.9.2012 21.9.2012 21.9.2012
2.	D.S.Hooda	”	Vedic and Ancient Indian Mathematics	22.9.2012
3.	B.D.Sharma	Professor and Head Deptt. of Maths. J.P. Inst. Of Information Tech., Noida	Mathematical Modeling & Computer Simulation	29.10.2012
4.	Mr. D.K. Daukia	Head of Raw Materials Sourcing, J.K. Paper Ltd.	Mathematics is Essential to the practice of professionals of Engg. - a perspective	29.10.2012
5.	K.C.Gupta	Ex. Professor, Deptt. of Mathematics, M.N.I.T., Jaipur	Fractio nal Calculus	30.10.2012
6.	M.K.Banerjee	Steel Chair Professor M.N.I.T., Jaipur	Computer Modeling and Simulation as a tool for Optimization Control	30.10.2012
7.	Raj Bali	Professor & Emeritus Professor Deptt. of Mathematics, U.O.R. Jaipur	General Relativi ty and its Applications to Cosmology	31.10.2012
8.	V.G.Gupta	Asso. Professor Deptt. of Mathematics, U.O.R.Jaipur	Lie Group & Differential Equation/Symmetries of Hamiltonian System	1.11.2012
9.	R.N.Jat	Asso. Professor Deptt. of Mathematics, U.O.R.Jaipur	Solutions of Differential Equations/ Boundary Value Problem	2.11.2012
10.	D.S.Hooda	Professor & Dean(Research) and Head, Deptt. of Mathematics , J.I. of Engg.& Tech., Raghogarh Guna (M.P.)	Information Measures in Information Theory	2.11.2012
11.	Mathili Sharan	Professor	Computational & Mathematical Methods for Solution of Differential Equations	3.11.2012



Seminar/Conference/Workshop organized

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr. Santosh Chaudhary & Dr. Nilama Gupta	Assistant Prof. & Asso. Prof.	Mathematical Methods and its Applications in Engineering and Sciences	MNIT, Jaipur	29 Oct. - 3 Nov. 2012

DEPARTMENT OF PHYSICS

Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Srinivasa Rao Nelamarri	25th International Conference on Atomic Collisions in Solids (ICACS -25)	Kyoto	Japan	Oct. 21 -25 , 2012
2.	Dr. Srinivasa Rao Nelamarri	8 th International symposium on Swift Heavy Ions in Matter (SHIM2012)	Kyoto	Japan	Oct. 24 -27, 2012
3.	Dr. Srinivasa Rao Nelamarri	International conference on Swift Heavy Ions in Materials Engineering and Characterization” (SHIMEC 2012)	New Delhi	India	Oct. 09-12, 2012
4.	Dr. Kamalendra Awasthi	5th Int Conference on “Electroactive Polymers: Materials & Devices”,	BHU, Varanasi	India	Nov. 02 -09, 2012
5.	Dr. Rahul Singhal	International Conference on Particle Accelerators: Technology and Applications in Science (CPATAS -2013)	IUAC New Delhi	India	April 04-05, 2013



Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Prof. K C Swami	Workshop on Ion Beams in Materials Research	MNIT Jaipur	March 12-13, 2013
2.	Prof. S.K. Sharma	Workshop on Ion Beams in Materials Research	MNIT Jaipur	March 12-13, 2013
3.	Dr. K.Sachdev	Millenium Alliance Meet	Hotel Ramada, Jaipur	Oct. 15, 2012
4.	Dr.K Venkataratnam Kamma	Present Observational Constraints On Cosmological Parameters	I U C A A Resource center, University of Delhi, Delhi.	Jan. 28- Feb. 01, 2013
5.	Dr. Rahul Singhal	One day workshop on Electron Microscopy	MNIT Jaipur	Dec. 18, 2012
6.	Dr. Srinivasa Rao Nelamarri	National Workshop on Ion Beams in Materials Research	MNIT Jaipur	March 22 -23, 2013
7.	Dr. Sujin B Babu	National Workshop on Ion Beams in Materials Research	MNIT Jaipur	March 22 -23, 2013
8.	Dr. K Venkataratnam Kamma	National Workshop on Ion Beams in Materials Research (IBMR 213)	MNIT Jaipur	March 22 -23, 2013

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Prof. Y.K. Vijay	Director, Center for Development of Physics Education, University of Rajasthan, Jaipur	Hydrogen Energy: Technology and Challenges	Feb. 26, 2013
2.	Prof. R.P. Gupta	Former Scientist, Director Grade, CEERI, Pilani	Introduction to nanoscience, Nano Technology & Applications	Nov. 01, 2012
3.	Dr. Vishnu Srivastava	Chief Scientist & Head, Microwave Tubes Division, CSIR-CEERI	Microwave Tubes Technologies & their Applications	Jan. 11, 2013
4.	Dr. A.K. Tyagi	Head Surface Science Division, Indira Gandhi Center for Atomic Research, Kalpakkam	Nanomaterials, Nanostructures & Nanocoatings	Jan. 16, 2013



5.	Dr. J. C. Pivin	Senior Scientist, CSNSM France	Ion Beam Analytical Techniques of thin films	Feb. 26, 2013
6.	Prof. A. P. Pathak	CSIR Emeritus Scientist, School of Physics, University of Hyderabad Hyderabad - 500046	Ion beam studies of Semiconductor Nanomaterials	March 08, 2013
7.	Dr. Aalok Mishra	IIT Roorkee	Unification of forces using extra dimensions	March 08, 2013

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. K. Sachdev	Deptt of Physics, ML Sukhadia University, Udaipur	To attend TPDM of Basic Science Committee, BRNS	Sept. 08, 2012
2.	Dr. K. Sachdev	BARC, Trombay, Mumbai	To attend YSRAM as an observer	Nov. 26-27, 2013
3.	Dr. Kamendra Awasthi	National Institute of Singapore, Singapore	For collaborative work	Oct. 11 - 16, 2012.
4.	Dr. Rahul Singhal	Inter University Accelerator Centre New Delhi	Research Discussion and characterizations	Feb. 09-11, 2013

Seminar/Conference/Workshop Organized

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr. K.Sachdev	Associate Professor	Curriculum Development Workshop	MNIT Jaipur	March 09, 2013
2.	Dr. K.Sachdev	Associate Professor	National Workshop on "Ion Beam in Materials Research"	MNIT Jaipur	March 22-23, 2013
3.	Dr. K.Sachdev	Associate Professor	Workshop on Advanced Materials & Characterization	MNIT Jaipur	Feb 24, 2013
4.	Dr. K.Sachdev	Associate Professor	Int. Workshop on Chemistry for a Sustainable Future	Chokhi Dhani Jaipur	Dec 10 - 12, 2012



5.	Dr. Rahul Singhal, Co-convener	Assistant Professor Deptt. of Physics	National Workshop on Ion Beams in Materials Research (IBMR 2013)	Department of Physics, MNIT Jaipur	March 22-23, 2013
6.	Dr. Kamlendra Awasthi, Co-convener	Inspire Faculty, Deptt. of Physics	National Workshop on Ion Beams in Materials Research (IBMR 2013)	Department of Physics, MNIT Jaipur	March 22-23, 2013

11.7 LIST OF CANDIDATES PURSUING /AWARDED PH. D. OR M.TECH.

DEPARTMENT OF ARCHITECTURE AND PLANNING

List of Candidates Awarded M. Plan. Degree

S. No.	Name	Thesis Title	Supervisor	Status
1.	Bhawna Sharma	Integration of the Transport Network of Indore City by Mass transit and Para Transit	Mrs. Kalpana Pandit	Awarded
2.	Neelam Verma	Impact of urban land transformation on water environs of an urban area: a case study of Udaipur City Rajasthan	Prof. Alok Ranjan	Awarded
3.	Anumati	Assessment of Bus Rapid Transit System of a Metropolitan City - Delhi, India	Dr. Satish Pipralia	Awarded
4.	Anima Jain	Impact of Educational Institutions on Physical Development of Kota City	Prof. Rajeev Shringi	Awarded
5.	Akshita Jain	Revisiting Redevelopment strategies for slums of Jaipur City	Ar. Tarush Chandra	Awarded
6.	Akhil Gupta	Impact of Industrial Development on Urban growth of Gurgaon - Manesar Urban Complex	Ar. Ram Niwas Sharma	Awarded

DEPARTMENT OF CHEMICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S.No.	Name of the Ph.D. student	Supervisor (s)	Topic/Area	Status
1.	Mr. Ravi Dhabhai	Prof. S. P. Chaurasia	Studies on Bioethanol Production from Lignocellulosic Feedstock	Awarded
2.	Ms. Kriti Bhandari	Prof. S. P. Chaurasia & Prof. Alok Gupta	Studies on Synthesis of DHARic Triglycerides from Fish Oil	Awarded



3.	Mr. Sushant Upadhyaya	Dr. S.P. Chaurasia Dr. Kailash Singh	Desalination by VMD	Ongoing
4.	Mr. Rajeev Kumar Dohare	Dr. Kailash Singh	Control of Dividing Wall Column	Ongoing
5.	Ms. Monika Maheshwari	Dr. R. K. Vyas	Studies on Removal of Ciprofloxacin Hydrochloride from Aqueous Solutions using Adsorption and Advanced Oxidation Processes	Pursuing
6.	Mr. D. R. Jangid	Dr. A. B. Gupta and Dr. R. K. Vyas	Studies on the Bio -reactor of Activated Sludge Process	Pursuing
7.	Ms. Parul Bhatt	Dr. R. K. Vyas and Dr. Prabhat Pandit	Studies on Removal of Reactive Blue 19 and Direct Red 81 Dyes from Wastewater using Adsorption and Electrocoagulation	Pursuing
8.	Mr. Sandeep Tomar	Dr. R. K. Vyas and Dr. A. B. Gupta	Studies on Chemical Characterization and Treatment of Produced Water from Oil and Gas Production Facility	Pursuing
9.	Ms. Swati Jain	Dr. Prabhat Pandit and Dr. R. K. Vyas	Studies on Adsorptive Removal of Acyclovir from Aqueous Solutions	Pursuing
10.	Ms. Manisha Sharma	Dr. R. K. Vyas and Dr. Kailash Singh	Mathematical Modeling and Computer Simulation of a Packed Bed Reactive Adsorption Column	Pursuing
11.	Ms. Isha Arya	Dr. S.K. Jana	Studies on Performance of a foam bed reactor for gas - liquid & gas - liquid - solid system	Ongoing
12.	Mr. Jitendra Singh	Dr. S.P. Chaurasia	Water Desalination by Vacuum Membrane Distillation	Ongoing
13.	Mr. Sunny Soni	Dr. Madhu Agarwal	Simultaneous Production of Biodiesel and Biolubricants	Ongoing
14.	Ms. Poonam Mondal	Dr. Suja George	Defluoridation of Drinking water	Ongoing
15.	Mr. Praveen Misra	Dr. S.K. Jana	Studies on adsorption of non-metallic pollutants	Ongoing



List of Candidates Awarded/Pursuing M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Mr. Saurabh Pathak	Mr. Sushant Upadhyaya & Mr. Rajeev Dohare	Modeling and Simulation of Batch Emulsion Polymerization Reactor	Awarded
2.	Mr. Chetan tantla	Mr. Rajeev Dohare & Mr. Sushant Upadhyaya	Removal of Cu ⁺⁺ ions from aqueous solution using emulsion liquid membrane	Awarded
3.	Ms. Richa Sharma	Dr. R. K. Vyas	Studies on Removal of Diclofenac from Water/ Wastewater	Awarded
4.	Mr. Rahul Patwa	Dr. R. K. Vyas	Studies on Greywater Treatment Using Advanced Oxidation Processes	Awarded
5.	Mr. Shiv Mangal Singh	Dr. R. K. Vyas	Studies on Removal of Nevirapine from Water using Photocatalysis and Electrocoagulation	Awarded
6.	Ms. Amrita Singh	Prof. S. P. Chaurasia	Saccharification of Wheat straw using cellulose Enzymes	Awarded
7.	Ms. Sini Shankar	Prof. S. P. Chaurasia & Dr. Madhu Agarwal	Kinetic Study of Esterification of Lauric Acid with Butanol	Awarded
8.	Mr. Sharad Khandelwal	Dr. Kailash Singh	Identification and control of Van der Vusse reactor using artificial neural networks.	Awarded
9.	Mr. Abhay Dinkar	Dr. Madhu Agarwal	Production of value added product (Bioethanol) from spent grain using mixed culture	Awarded
10.	Mr. Ajay Verma	Dr. Madhu Agarwal	Production of Amylase Enzyme from spent grain by fermentation	Awarded
11.	Mr. Arvind Kumar	Dr. Madhu Agarwal	Removal of Formaldehyde using Bagasse-alumina as biocomposite adsorbent –Batch & Continuous study	Awarded
12.	Ms. Aparna Yadav	Dr.S.K.Jana	Studies on Carbonation of Hydrated Lime in a Foam Bed Reactor using different types of Surfactants	Awarded
13.	Ms. Pragati	Dr. S. K.Jana	Studies on Carbonation of Barium Sulfide in a foam Bed Reactor	Awarded
14.	Mr. Sandeep Kumar Patel	Dr. Suja George	Fluoride Removal Studies on Magnesium Coated Sand	Awarded
15.	Mr. Suraj Prakash	Dr. Suja George & Dr. Manish Vashishtha	Studies on Dye Removal using Pine Bark	Awarded
16.	Ms. Preeti	Dr. Manish Vashishtha & Dr. Suja George	Modelling and Simulation of Solar Distillation	Awarded

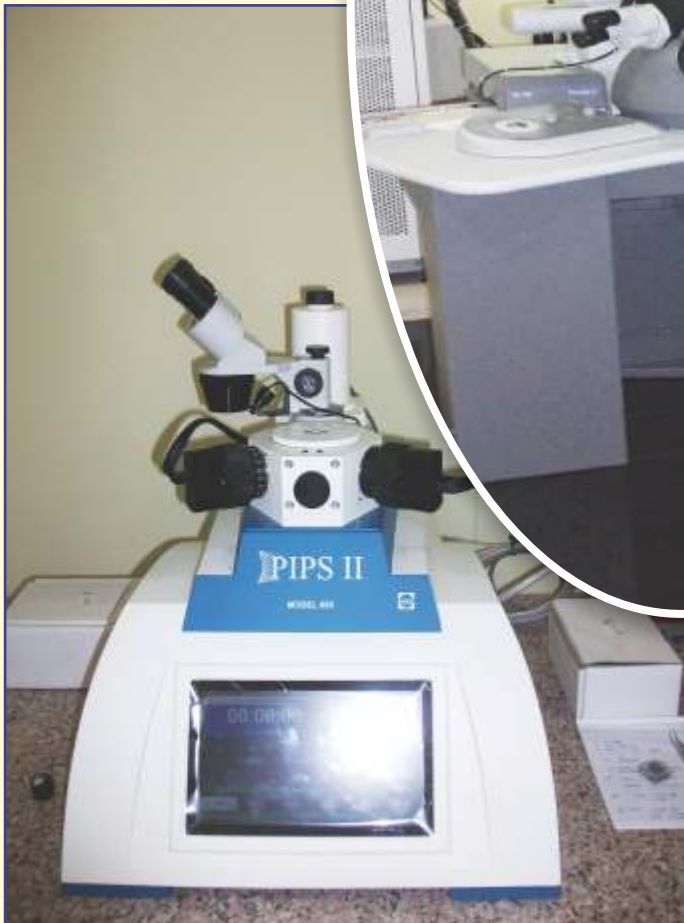


DEPARTMENT OF CIVIL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mr. Lalit Joshi	Prof. A.B. Gupta And Dr. J. Mathur	Particulate Pollution In Rural Indoor Environs	Writing Thesis
2.	D.R. Jangid	Prof. A.B. Gupta Dr. R.K. Vyas	Optimization of Sewage Treatment In The Presence of Dyes	Writing Thesis
3.	Sandeep Tomar	Prof. A.B. Gupta Dr. R.K. Vyas	Studies On Chemical Characterization And Treatment of Produced Water From Oil And Gas Production Facility	Work In Progress
4.	Saakshi	Prof. A.B. Gupta Dr Kailash Singh	Treatability Studies For Paper And Pulp Industry Effluent	Work In Progress
5.	Kavita	Disinfection of Sewage	Dr. K.D. Gupta Prof. A.B. Gupta	Work Plan To Be Presented
6.	S. M. S. Shasidhara	Dr A K Vyas	A Study On The Characterization And Use of ISF Slag As Fine Aggregate In Cement Concrete	Awarded
7.	Santosh Pingle	Dr M. K. Jat (With Prof. Dr. Khare, IITR)	I ntegrated Urban Water Management Modelling Considering Climate Change	Awarded
8.	Sh. Vijai Singhal	Prof. Rohit Goyal	Use of GIS For Pollution Control Planning/Monitoring In The Rajasthan State	Awarded
9.	Sh. Dipak N. Kongre	Prof. Rohit Goyal	Water Resour ce Management Study of Proposed Parbati– Kalisindh– Chambal Link Project	Continuing
10.	Sh. A.D. Vyas	Prof. Rohit Goyal	Doing Coursework	Registered
11.	Sh. Kuldeep	Prof. Rohit Goyal	Doing Coursework, Impact of Climate Change On Snow Cover	Registered
12.	Parul Gupta	Dr. Sudhir Kumar Dr. Mahendre Choudhary And Dr. Virender Singh	Influence of Dust Aerosols In Exacerbation of Asthma And Their Characterisation	Submitted

Equipments & Laboratories



Equipments & Laboratories



Equipments & Laboratories



Cultural Activities



Golden Jubilee Celebration : Glimpses



Mini Marathon



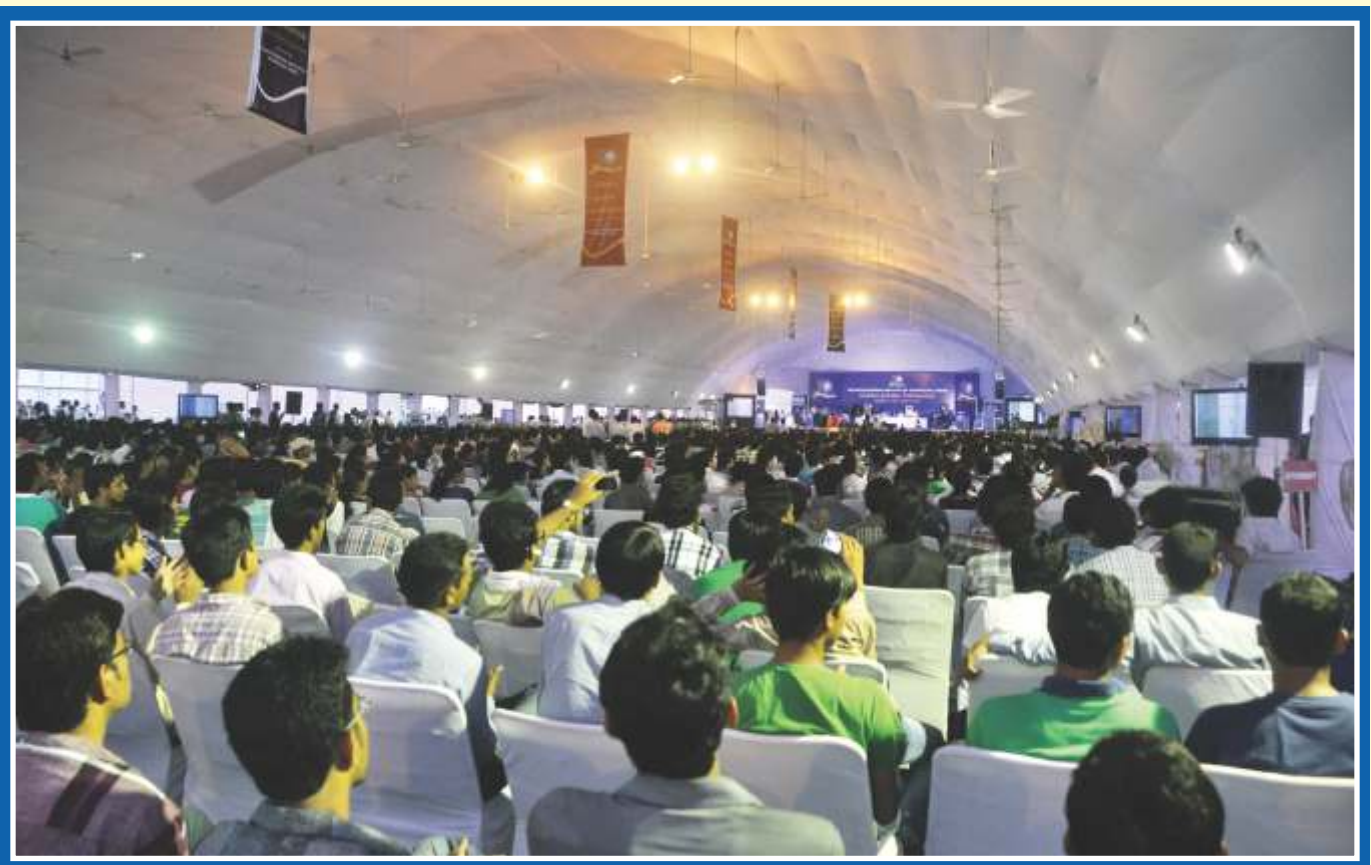
Glimpses of MNIT



Glimpses of MNIT



Golden Jubilee Celebration : Glimpses





13.	Jayshree Kala	Dr. Sudhir Kumar And Dr.Gunwant Sharma	Environmental Monitoring And Mana gement : A Case Study	Under Progress
14.	Ruchika Sharma	Dr. Sudhir Kumar and Dr. M. Choudhary	Urban Water Demand Management : A Case Study of Jaipur City	Awarded
15.	Mr.Gaurav Sancheti	Dr. Vinay Agrawal And Dr. R. Nagar	Conceptual Design of Post Tension ed Slabs	Writing Thesis
16.	Mr. Vinay Chandwani	Prof. A.B. Gupta Dr. R.K. Vyas	Optimal Design of Structures Using Genetic Algorithm	In Progress
17.	Shri Arnav AnujKasar	Dr. M. K. Shrimali Dr. S D Bharti	Seismic Behavior of Steel Moment Resistance Frame	In Progress
18.	Mr. Deepak Khandelwal	Dr. M. K. Shrimali Dr. S D Bharti	Seismic Analysis of Lifeline Structures	In Progress
19.	Naveen Kumar Gupta	Dr. A. S. Jethoo	A Study of Water Inflow In The Dams:A Case Study of Ramgarh Dam	In Progress
20.	Mr. A. K. Gupta	Dr. Meena	Management of Hazardous Waste	In Progress
21.	Bhavna Tripathi	Dr. Sandeep Choudhary	Durability of Concrete Containing ISF Slag As Partial Replacement of Sand	Completed
22.	Trilok Gupta	Dr. Sandeep Choudhary	Utilisation of Waste Tyre In Concret e	In Progress
23.	Ms. Sheetal Agarwal	Prof. B.L. Swami	Comprehensive Noise Modeling and Evaluation of Traffic Capacity using Motor Cycle Unit (MCU) Concept – A Case Study	Ccompleted
24.	Mr. Hemant Kumar Sharma	Prof. B.L. Swami	Congestion and Speed Characte ristics of Urban roads of India	Completed



List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Miss Tuli Biswas	Prof. A.B. Gupta	Treatment of Black Liquor By Specific Fungi And Mixed Bacterial Cultures	In Progress
2.	Mr. Sandeep Shekhawat	Prof. A.B. Gupta	Sewage Chlorination In Batch And Step Dosing	In Progress
3.	Mr. Ramachandar	Prof. A.B. Gupta		In Progress
4.	Miss Parul Pradhan	Dr. Mahesh K. Jat	Drought Assessment For Jodhpur District of Rajasthan State	In Progress
5.	Mr. Vipin Upadhyay	Dr. Mahesh K. Jat	Risk Assessment of Petroleum Fire Using Geo-Spatial Techniques	In Progress
6.	Shereena O A	Dr. P V Ramana	Structural Response Variability Using Stochastic Finite Element Method	In Progress
7.	Jitendraprajapati	Dr. M. Choudhary Prof. Sudhir Kumar	Climate Change Impacts On Crop Yield of Udaipur Region	In Progress
8.	Mohit Singh	Dr. M. Choudhary Prof. Sudhir Kumar	Statistical Downscaling of Hadcm3 Data For Jaipur Region	In Progress
9.	Amit Kumar	Dr. M. Choudhary Prof. Sudhir Kumar	Climate Change Impact On Water Availability of Udaipur Region	In Progress
10.	Abhishek Rdangi	Dr. M. Choudhary	Temperature Analysis of Rajasthan Using PRECIS	In Progress
11.	Deepak Bansal	Dr. M. Choudhary	Precipitation Analysis of Rajasthan Using PRECIS	In Progress
12.	Mr. B. G. Balveer	Prof. Rohit Goyal	Analysis of MODIS 250-M EVI Time Series Vegetation Indices For Crop Mapping In Jaipur District	In Progress
13.	Mr. Deependra Singh Shekhawat	Prof. Rohit Goyal	Landuse/Landcover Change Detection And Future Prediction Using Markov Method: A Case Study of	In Progress



DEPARTMENT OF COMPUTER ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Subhash Panwar	Dr. Neeta Nain	CALAM- HTR	Ongoing
2.	Prakash Choudhary	Dr. Neeta Nain	Urdu Corpus Development and Standardization	Ongoing
3.	Yogesh Kr. Meena	Dr. Dinesh Gopalani	An Efficient method for Content based Information Retrieval	Ongoing
4.	Anup Kr. Patel	Dr. Dinesh Gopalani	An Optimized Random Algorithm for System analysis and Retrieval	Ongoing
5.	Manish Jain	Dr. Dinesh Gopalani	An Aspect Mining Technique for AOP Languages	Ongoing
6.	Ramesh Babu Batulla	Prof. M.S. Gaur and Dr. Dinesh Gopalani	Path Aware and Spectrum Aware Routing Protocol for Cognitive Radio Based Mesh Networks	Ongoing
7.	Mukesh Gupta	Dr. Girdhari Singh	Efficient Framework for Software Testing	Ongoing
8.	Vipin Pal	Dr. Girdhari Singh	Energy Efficient approach Wireless Sensor Network	Ongoing
9.	Rimpy	Prof. MS Gaur, Dr. V. Laxmi	NoC Routing	Ongoing
10.	Manoj Bohra	Prof. MS Gaur, Dr. V. Laxmi	NoC Router Microarchitecture	Ongoing
11.	Parvez	Prof. MS Gaur, Dr. V. Laxmi	Mobile Malware	Ongoing
12.	Smita Naval	Girdhari S, V. Laxmi	Behavioral Models of Malware	Ongoing
13.	Anil Saini	Prof. MS Gaur, Dr. V. Laxmi	Browser Vulnerabilities	Ongoing
14.	Meenakshi Tripathi	Prof. MS Gaur, Dr. V. Laxmi	Wireless Sensor Network Routing: Attacks and Countermeasures	Ongoing
15.	Gaurav Singal	Prof. MS Gaur, Dr. V. Laxmi	Cloud Computing	Ongoing
16.	Chhagal Lal	Prof. MS Gaur, Dr. V. Laxmi	QoS Provisioning in MANETs	Ongoing
17.	Rajbir Kaur	Prof. MS Gaur, Dr. V. Laxmi	Mobile Ad Hoc Network -Attack Models, Detection and Countermeasures	Awarded
18.	Jyoti Grover	Prof. MS Gaur, Dr. V. Laxmi	Vehicular Ad Hoc Network: Attack Model and Detection	Awarded
19.	Preety Singh	Prof. MS Gaur, Dr. V. Laxmi	Extraction of Prominent Articulators for Visual Speech Recognition	Awarded



20.	Reena Gunjan	Prof. MS Gaur, Dr. V. Laxmi	Robust Watermarking Techniques in Digital Images	Awarded
21.	Basant Agarwal	Dr. Namita Mittal	Sentiment analysis using machine learning methods	Ongoing
22.	Ankit Vidhyarti	Dr. Namita Mittal	Medical imaging using machine learning methods	Ongoing
23.	Abhishek kilak	Dr. Namita Mittal	Semantic web	Ongoing
24.	Lokesh	Dr. Namita Mittal	Anaphora resolution using Machine Learning	Ongoing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Sanatan Sukhija	Dr. Neeta Nain	CRAMM -Character Recognition Aided by Mathematical Morphology	Awarded
2.	Preeti Joshi	Dr. Neeta Nain	Image Vectorization and Character Recognition	Awarded
3.	Manu Srivastva	Dr. Dinesh Gopalani	AOTC -Ahead of Time Compiler for Android Devices	Awarded
4.	Vaibhav Dhore	Dr. Dinesh Gopalani	High Availability of Hadoop Cluster	Awarded
5.	Arvind Kumar	Mr. Yogesh Kr. Meena	Questions Classification Using Deep Neural Networks	Awarded
6.	Kumari Nirjala	Mr. Yogesh Kr. Meena	Web Usage Mining	Ongoing
7.	Nikita Gupta	Dr. Girdhari Singh	Optimizing Regression Test Automation Process by Slicing and Modularizing Regression Test Suite	Ongoing
8.	Saurabh Ranjan Srivastva	Dr. Girdhari Singh	Word Sense Based Context Ranking for Web Search Result Prediction	Ongoing
9.	Vijay kumar Sharma	Dr. Namita Mittal	Semantic orientation based sentiment analysis of reviews	Awarded
10.	Sumit Verma	Dr. Namita Mittal	Hybrid Recommender System based on Fuzzy C -Means Clustering and Collaborative Filtering	Awarded
11.	Naveen Dabley	Dr. Namita Mittal	Automatic Text Summarization using Hybrid Approach	Awarded

DEPARTMENT OF ELECTRICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mr. Nikhil Gupta	Prof. K. R. Niazi	Distribution System Performance Improvement	Awarded
2.	Mr. Anil Swarnkar	Prof. K. R. Niazi	Distribution Network Reconfiguration using Artificial Intelligence Techniques	Awarded



3.	Mr. Rajive Tiwari	Dr. Vikas Gupta and Prof. K. R. Niazi	Voltage Stability Assessment and Preventive Control	Ongoing
4.	Ms. Kusum Verma	Prof. K. R. Niazi	Online Security Assessment of Power System Using Artificial Intelligence (AI) Techniques	Ongoing
5.	Mr. Vinay Kr. Jadoun	Prof. K. R. Niazi and Dr. Nikhil Gupta	Economic operation of power system	Ongoing
6.	Mr. Dhanraj Chitara	Prof. K. R. Niazi	Course work completed	Ongoing
7.	Mr. Gulshan Sharma	Prof. K. R. Niazi	Course work completed	Ongoing
8.	Mr. Amit Soni	Prof. C. M. Arora Dr. Vikas Gupta and Prof. B. L. Ahuja	Investigation of Properties of Materials Used for Solar Photovoltaic Cells and Applications of the Solar Cells	Awarded
9.	Mr. ManzoorAbid Ali	Prof. Manoj Fozdar and Prof. K. R. Niazi	Voltage Sag Assesment, Monitoring and its Mitigation with FACTs based Devices	Ongoing
10.	Mr. Shahbaaz Ahmed Siddiqui	Prof. Manoj Fozdar and Prof. K. R. Niazi	Dynamic security enhancement through its prediction and mitigation.	Ongoing
11.	Mr. Narayanan K.	Prof. Manoj Fozdar	Course work completed	Ongoing
12.	Mr. Sunil Kumar Gupta	Dr. H.P. Tiwari	Power Quality Enhancement of a Power System using Dynamic Voltage Restorer	Awarded
13.	Mr. Ramesh Kumar Pachar	Dr. H.P. Tiwari	Static Transfer Switch Applications to Power Systems	Awarded
14.	Ms. Lata Gidwani	Dr. H.P. Tiwari	Wind Energy Integration in Electrical Power Grid: Transient Fault Behaviour and Power ity Improvement Qual	Awarded
15.	Mr. Sudhanshu Gupta	Dr. H.P. Tiwari and Prof. Manoj Fozdar	Transient Fault Behaviour and Power Quality Assessment of Interconnected Distributed Generation System	Ongoing
16.	Mr. B. C. Kharbas	Prof. Manoj Fozdar and Dr. H.P. Tiwari	Cost based Evaluation of Transmission Pricing Methodologies of Restructured Power Systems	Ongoing
17.	Mr. Nand Kishore Gupta	Prof. R. A. Gupta	Course work completed	Ongoing
18.	Mr. Pradeep Anjana	Dr. Vikas Gupta and Dr. H.P. Tiwari	Course work completed	Ongoing



19.	Mr. Manoj Gupta	Prof. R. A. Gupta and Dr. Rajesh Kumar	Analysis of Power Quality Disturbances Using Artificial Intelligence	Awarded
20.	Mr. Shree Krishna	Prof. R. A. Gupta, Dr. Rajesh Kumar	AI Based Control and Estimation of Switched Reluctance Motor Drive	Awarded
21.	Mr. Ajay Kumar Bansal	Prof. R. A. Gupta, Dr. rajesh Kumar	An Efficient Hybrid Energy System for Rural Applications	Submitted
22.	Mr. Virendra Swaroop Sangtani	Prof. R. A. Gupta Dr. Rajesh Kumar	Investigation on Direct Torque Controlled Matrix Converter Fed Induction Motor Drive	In progress
23.	Mr. Bharat Bhushan Jain	Prof. R. A. Gupta and Prof. Bhim Singh	Investigations on Small Scale Standalone Hybrid System for Rural Electrification	In progress
24.	Mrs. Purna Jain	Dr. Rohit Bhakar and Prof. S.N. Singh	Generator bidding strategies in competitive electricity markets	Pursuing
25.	Ms.Parul Mathuria	Dr. Rohit Bhakar	Risk management in electricity markets	Pursuing
26.	Ms.Amita Kumari Sharma	Dr. H.P. Tiwari and Dr. Rohit Bhakar	Distribution network pricing	Pursuing
27.	Mr.Kailash Sharma	Dr. Rohit Bhakar	Ancillary services trading in electricity markets considering renewable generation	Pursuing
28.	Mr. Mirtunjay K. Modi	Dr. Anil Swarnkar	Course work completed	Pursuing
29.	Mrs. Neer aj Kanwar	Dr. Nikhil Gupta	Course work completed	Pursuing
30.	Mr. Praveen Kumar	Dr. Nikhil Gupta	Course work going on	Pursuing
31.	Mr. Mukesh K. Shah	Dr. Nikhil Gupta	Course work going on	Pursuing
32.	Mr. Pushpendra Singh	Prof. Mool Singh and Prof. D. P. Kothari	Integration and analysis of green and conventional electricity generation	Pre Ph.D. seminar report submitted
33.	Mr. Mahabeer Prasad	Prof. Mool Singh & Prof. S. G. Modani	Defects Assessment by Vibration and Transient	In progress



List of Candidates Awarded M. Tech. Degree

S. No.	Name of Student	Supervisor	Title of thesis	Status
1.	Kadam Vashishtha	Mrs. Kusum Verma	Artificial Intelligence Based Power System Dynamic Security Classification in Energy Management System	Awarded
21.	Nandkishor Gupta	Prof. R. A. Gupta	Detection and Classification of Power Quality Disturbances	Awarded
3.	Pawan Saini	Dr. Nikhil Gupta	Optimal Capacitor Placement in Radial Distribution System	Awarded
4.	Vivek Nandan	Dr. Vikas Gupta	Three Phase to Multiphase Transformation Using Special Transformer Connection	Awarded
5.	Babita Raj	Mr. V. K. Jain	Optimal Placement and Sizing of Distributed Generation in Distribution Network	Awarded
6.	Abhijeet Kumar	Mrs. Nikita Jhajharia	A New Approach to Multifunctional Dynamic Voltage Restorer Implement for Emergency	Awarded
7.	Nurul Nisa	Dr. H.P. Tiwari & Dr. Rohit Bhakar	Congestion Management in Electricity Markets Considering Demand Response	Awarded
8.	Raman Kumar	Dr. Manoj Fozdar	Transmission Pricing Using Long Run Marginal Cost Method	Awarded
9.	Ankit Kumar Gupta	Mr. Ashok Kumar Agarwal	Effect of Dynamic Load Model in Small Disturbance Voltage Stability Studies	Awarded
10.	Rakesh Meena	Mr. Rajive Tiwari	Power Flow Control and Voltage Profile Improvement of Power Systems Using Thyristor Controlled Series Compensator (TCSC)	Awarded
11.	Shivani Kanoongo	Mrs. Parerna Jain	A New Hybrid BBO-PSO Technique to Optimize Economic Emission Load Dispatch Problem	Awarded
12.	Ashok Kumar Jain	Dr. Vikas Gupta	Simulation of Matrix Converter to Induction Motor Drive	Awarded
13.	Keilash Chand Sharma	Mrs. Prerna Jain	Wind Power Trading in Competitive Electricity Market	Awarded
14.	Manish Gupta	Dr. Nikhil Gupta	Unit Commitment using Proposed Genetic Algorithm & Micro Genetic Algorithm	Awarded
15.	Gaurav Kumar Gupta	Dr. Vikas Gupta	Dynamic Economic Load Dispatch with Daily Load Patterns Using Genetic Algorithm And Particle Swarm Optimization	Awarded
16.	Manoj Kumawat	Mr. M. K. Shah	Smes Based Excitation System for Doubly Fed Induction Generator in Wind Power Application	Awarded
17.	Keerla Pavan	Mr. Praveen Kumar Agrawal	Grid Interconnection of Renewable Energy Source with Power Quality Improvement	Awarded



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic (Broad Area)	Status
1.	Mr. Hitendra Gupta	Dr. K.K. Sharma, Prof. S.D. Joshi, IIT, Delhi	Fog- degraded Image Enhancement	PT, Research plan submitted
2.	Mr. Jankiballabh Sharma	Dr. K.K. Sharma, Dr. Vinit Sahula, M.N.I.T., Jaipur	Novel schemes for Image watermarking & Image fusion applications	Pre-PhD Seminar delivered.
3.	Mr. Praveen Gupta	Dr. K.K. Sharma, Prof. S.D. Joshi, IIT, Delhi	ECG signal modeling	PT, Research plan to be submitted
4.	Mr. Deepak Jhanwar	Prof. S.G. Modani, Dr. K.K. Sharma, M.N.I.T., Jaipur	Novel Techniques for discrimination of different environmental background noise mixed with speech signal	PT, Pre-PhD Seminar delivered.
5.	Mr. Sanyog Rawat	Dr. K.K. Sharma, M.N.I.T., Jaipur	Microstrip Antenna	PT, Research plan to be submitted
6.	Mr. Shasikant Sharma	Dr. C. Periasamy	Fabrication and Characterization of Nanostructured ZnO Thin Film Based Piezoelectric Devices for Energy Harvesting Applications	On going
7.	Dr. Manish Tiwari	Dr. Vijay Janyani	Supercontinuum Generation and Nonlinear Pulse Dynamics in Photonic Crystal Fibers	Completed
8.	Sh. Janrao Nagesh	Dr. Vijay Janyani	Design and Analysis of Photonic Crystal Waveguides for Slow Light and Dispersion Compensation Applications	Submitted
9.	Sh. Sanjeev Metya	Dr. Vijay Janyani, Prof S. G. Modani	Novel coding schemes for optical	Ongoing
10.	Sh. Nikhil Deep Gupta	Dr. Vijay Janyani	Solar Photovoltaics using PhCs and Nanowires	Ongoing



List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Abdul Samad	Dr. K.K. Sharma	Fault classification approaches using EMD and histogram of power signals	Complete
2.	Supriya Mahala	Dr. K.K. Sharma	Image enhancement using nonlinear mapping in color and transform domains	Complete
3.	Pranaw Kumar	Dr. K.K. Sharma	Some novel PCF Structures based on Pascal's triangle and Dolph-Tschebyscheff polynomial and their propagation behaviour	Complete
4.	Neeraj Sharma	Dr. K.K. Sharma	Comparison of Shannon and Non-Shannon entropy measures for image segmentation and evaluation of quality of image enhancement	Complete
5.	Abdul Samad	Dr. K.K. Sharma	Fault classification approaches using EMD and histogram of power signals	Complete
6.	Mr. Nannepamula Suresh	Dr. C. Periasamy	Ground Bounce Noise aware Forward Body Biased MTCMOS Circuit Techniques for Combinational Circuits	On going
7.	G.Gnanadeep Reddy	Dr. C. Periasamy	A Power Efficient High Performance Flip Flop Design Using Conditional Pulse Enhancement Technique	On going
8.	Deepak Bansal	Dr. Vijay Janyani	Effect of Different Upstream Bitrate on WDM -PON Based on IRZ, MANCHESTER and IRZ - MANCHESTER Modulated Downstream	Completed
9.	Dinesh Bhatia	Dr. Vijay Janyani	Design of Different Demultiplexers for Wavelength Division Multiplexing Systems Based on Photonic Crystal Waveguide	Completed
10.	Sunil Jhahria	Dr. Vijay Janyani	Effect of air holes on optical properties of Hole-assisted fiber	Completed
11.	Vinay Kanungo	Dr. Vijay Janyani	Design and Analysis of Index Guiding Segmented Cladding Photonic Crystal Fiber	Completed



DEPARTMENT OF MANAGEMENT STUDIES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Anupam Krishna	Prof. Rakesh Jain Dr. GS Dangayach	Service Recovery Paradox	Awarded
2.	Piyush Mishra	Dr. GS Dangayach Dr. ML Mittal	Project Management: Success and Challenges Issues	Awarded
3.	Ms. Deepika Joshi	Prof. APS Rathore Dr. Dipti Sharma	Determinants of Competitiveness in Auto Component Industry: A Study of Indian Auto Component Manufacturers	Awarded
4.	Ajeet Poonia	Dr. G.S. Dangayach Dr. A. Bhardwaj	Investigation and Prevention of Cyber Crime in Indian Perspective	Awarded
5.	Khusbho Jain	Dr. Satish Kumar Dr A K Solanki	Analytical Study of Human Resources and Rural Health Mission: A Case Study of National Rural Health Mission Rajasthan	Pursuing
6.	Sanjay Gaur	Dr. A. Bhardwaj	Study the effect of FMEA applications of Human Resource Management Function	Pursuing
7.	Mr. Sanjay Rajpal	Dr. A. Bhardwaj	Information data Management in distance education	Pursuing
8.	Manisha Chaudhary	Dr. Deepti Sharma	Competency Mapping and Its Relationship with Quality of Work Life	Pursuing
9.	Anil Kr. Sharma	Dr. A. Bhardwaj	Ceramic Clusters - Some Issues	Pursuing
10.	Sharadha Gupta	Dr. Monica Sharma	Lean Service Management	Pursuing
11.	Anil Agarwal	Dr. Monica Sharma	Course work Stage	Pursuing
12.	Harsh Pratap Singh	Dr. Satish Kumar	Working Capital Management in SMEs	Pursuing
13.	Poornima Rao	Dr. Satish Kumar	Course Work Stage	Pursuing



DEPARTMENT OF MECHANICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Student Name	Supervisor (s)	Year of Completion / Registration
1.	Anand Kumar Vamsi	Dr G S Dangayach, Dr. A. Bhardwaj	Pursuing
2.	Bhawna Mathur	Dr G S Dangayach	Pursuing
3.	Deepak Kumar	Dr G S Dangayach	Pursuing
4.	Sumit Gupta	Dr G S Dangayach Dr. Amit Singh	Pursuing
5.	Ajeet Singh Poonia	Dr G S Dangayach, Dr. A. Bhardwaj	Pursuing
6.	Jinesh Jain	Prof. G Agarwal, Dr. G S Dangayach	Pursuing
7.	Alok Mathur	Dr. M. L. Mittal, Dr. G S Dangayach	Pursuing
8.	Mr. Lalit Guglani	Dr. T.C. Gupta	Pursuing
9.	Mr. Manoj Gupta	Dr. T.C. Gupta	Pursuing
10.	Vikas Bansal	Dr. G Agarwal Dr. J. Mathur	Pursuing
11.	Rajesh Chedwal	Dr. G Agarwal, Dr. J. Mathur	Pursuing
12.	Kunj Bihari Rana	Dr. G Agarwal, Dr. J. Mathur	Pursuing
13.	Hemant Kumar Gupta	Dr. G Agarwal, Dr. J. Mathur	Pursuing
14.	Shiv Raj Dahka	Dr. G Agarwal, Dr. J. Mathur	Pursuing
15.	Alok Manas Dubey	Dr. G Agarwal, Dr. J. Mathur	Pursuing
16.	Vikas Bansal	Dr. G Agarwal, Dr. J. Mathur	Pursuing
17.	Anuj Mather	Dr. G Agarwal, Dr. Sanjay Mathur	Pursuing
18.	Rohit Mishra	Dr. G Agarwal, Dr. J. Mathur	Pursuing
19.	Om Shankar Prajapati	Dr. Nirupam Rohatgi	Pursuing
20.	Kamal Kishore Khatri	Prof. S.L. Soni, Dr. Dilip Sharma	Pursuing
21.	Doraj Kamal Jamuwa	Dr. Dilip Sharma, Prof. S.L. Soni	Pursuing



22.	Vinod Singh Yadav	Prof. S.L. Soni, Dr. Dilip Sharma	Pursuing
23.	Deepesh Sonar	Prof. S.L. Soni, Dr. Dilip Sharma	Pursuing
24.	Rahul Goyal	Dr. Dilip Sharma, Prof. S.L. Soni	Pursuing
25.	Ashish Nayyar	Dr. Dilip Sharma, Prof. S.L. Soni	Pursuing
26.	Jitender Singh Shekhawat	Dr. Dilip Sharma, Prof. M. P. Poonia	Pursuing
27.	Pradeep Kumar	Dr. Dilip Sharma, Prof.	Pursuing

List of Candidates Awarded/Pursuing M. Tech. Degree

S. No.	Student ID	Student Name
1.	2010PMM102	Neeraj Saini
2.	2010PMM108	Gauri Singh
3.	2010PMM109	Arvind Meena
4.	2010PMM111	Prateek Mittal
5.	2010PMM113	Ranjeet Roy
6.	2010PMM115	Yatendra Singh
7.	2010PMM116	Medha Sharma
8.	2010PMM117	Divya Singh
9.	2010PMM118	Varun Dogra
10.	2010PMM119	Anupama Kumari
11.	2010PMM121	Naveen Kumar Yadav
12.	2010PMM123	Vijay Shankar Kumawat
13.	2010PMM124	Priyanka Gupta
14.	2010PMM125	Vishal Verma
15.	2010PMM126	Narpat Ram Sangwa
16.	2010PMM127	Om Prakash
17.	2010PMM128	Rishi Choudhary
18.	2010PMM129	Deepanshu Arora
19.	2010PMM130	Shireesh Tripathi
20.	2010PMM131	Tarika Jaisinghani
21.	2010PMM132	Himanshu Bhatt
22.	2010PMM134	Ankit Jain
23.	2010PMM136	Niketa Jain
24.	2009PMM103	Lalit Guglani
25.	2009PMM110	Vinay Kumar Agarwal
26.	2009PMM111	Lalit Kumar Sharma



DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic (Broad Area)	Status
1.	A. A. Gadhikar	Prof. Ashok Sharma	Characterization study of steels for erosion resistance application.	Awarded
2.	P. C. Meena	Prof. Ashok Sharma	To study the effect of grain refinement on properties of cast aluminum and Al-7 Si alloys.	Awarded
3.	R. K. Duchaniya	Prof. Ashok Sharma	Study of corrosion control by electroless plating.	Submitted
4.	Satish Tailor	Dr. P. R. Soni & V.K.Sharma	Development and characterization of plasma sprayed aluminium based nanocomposite coatings	Awarded
5.	Pramod Kumar Sain	Prof. A.K. Bhargava & Dr. Y.V.S.S. Prasad	Preparation and studies of polymer-matrix nanocomposite for electronic applications	In Progress
6.	Avnish Kumar	Prof. Ashok Sharma	To study the metallurgical aspects of cast nitrogen bearing austenitic stainless steel for under water part applications.	In Progress
7.	Robin Gupta	Prof. Ashok Sharma	Study of microstructure and mechanical properties of aluminium alloys cast by rapid slurry formation (RSF) techniques.	In Progress
8.	Vatsala Chaturvedi	Prof. U. Pandel & Prof. Ashok Sharma	Study on the effect of vibrations during modification on AZ91 magnesium alloys	In Progress
9.	Akshya Kumar	Prof. M. K. Banerjee & Prof. U. Pandel	Development of nanocomposites	In Progress
10.	Manish Goyal	Dr. S.K.Gupta	Development of HSLA steel for automobile application	In Progress



11.	Uma Gupta	Dr. V.K.Sharma	Structure properties processing correlation of micro-alloyed low carbon steel	In Progress
12.	Anil Kumar	Dr. Vinod Kumar	Nanocomposite conducting polymer	In Progress
13.	Pawan Kumar	Prof. Peter Hodgson, Prof. M. K. Banerjee & Prof. U. Pandel	Dynamic Strain Induced Transformation Study	In Progress

List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Sameer Pradhan	Prof. Upender Pandel	Synthesis and Characterization of Pyrite (FeS ₂) Thin Film Deposited by CBD Method.	Awarded
2.	Amit Kumar Chauhan	Prof. Ashok Sharma	Effect of Inoculation Additions on Microstructures of Al -7%Si Alloy Alloy Cast by RSF Process	Awarded
3.	Kalrav Chauhan	Prof. C.P. Sharma	Structure property correlation in 21 -4-N nitronic steel	Awarded
4.	Monika Bansal	Prof. A.K. Bhargava	Electro deposited copper glass composite	Awarded
5.	Sachin Rathi	Prof. P.R. Soni	Development & Evaluation of Bearing Characterization of Mechanical Alloyed Graphite 2024 Al -Alloy	Awarded
6.	Akanksha Sengar	Prof. P.R. Soni	Preparation & Characterization of Cu - Nano Powder	Awarded
7.	Virender Singh	Dr. Y.V.S.S. Prasad	Production of rapidly solidified Al-Si-Cu - Mg alloys & their corrosion studies	Awarded
8.	Kanchan Agarwal	Dr. Munan Mandira	An investigation of mild steel corrosion inhibition in Hcl medium by environment friendly green inhibitors.	Awarded
9.	Vatsala Chaturvedi	Dr. V.K. Sharma	Characterization of Plasma Nitrided AISI H13 Tool Steel.	Awarded
10.	Vijay Tiwari	Dr. S.K. Gupta	To study the combined effect at grain refinement and cold working on microstructure and properties at Al - 4.5 Wt.% Cu alloy	Awarded
11.	Rahul Sen	Dr. N.C. Upadhyay	Synthesis & Testing of Bio - Composites	Awarded
12.	Nancy Sahu	Mr. R.K. Duchaniya	Synthesis & Characterization of ZnO-CdO Nanoparticles	Awarded



DEPARTMENT OF CHEMISTRY

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mrs Kavita Verma	Prof. K. D. Gupta & Prof. A.B. Gupta	Chlorine as disinfectant on water pollutants.	Ongoing
2.	Ms Ritu saharan	Dr. Jyoti joshi	Some Electrochemical and Biocatalytic methods of Organic synthesis.	Ongoing
3.	Ms Sukhbeer Kumari	Dr. Jyoti joshi	Synthetic Green Chemistry	Ongoing
4.	Ms Shuchi Maheshwari	Dr. Jyoti joshi	Synthetic Green Chemistry	Ongoing
5.	Ms Yogita Madan	Dr. Ragini Gupta	Catalysis and nanocatalysis for green organic transformations	Ongoing
6.	Ms Anshu Jain	Dr. Ragini Gupta	Synthesis of some new Heterocycle Based Anion Receptors	Ongoing
7.	Mr. Priyanshu Bhargava	Dr. Ragini Gupta	Click Chemistry and its Applications in Drug Discovery	Joined in Dec., 2011 and left July 2012
8.	Ms Bhawana Saraswat (previously JRF in Project)	Dr. Ragini Gupta	Click Chemistry and its Applications in Drug Discovery	Joined Ph D in July, 2013
9.	Sahdev Meena	Dr. R. K Joshi	Reactivity of small organic molecules towards the multimetallic clusters carbonyls.	Ongoing
10.	Mis. Tanuja Kumari	Dr. R. K Joshi	One pot metalmediate catalytic organic transformations.	Ongoing
11.	Mr. Dinesh Kumar Mahawar	Dr. Sandeep Chaudhary	C-H Bond activation reactions: Investigation of new reactions and its application in natural product synthesis	Pursuing
12.	Ms. Vashundhra Sharma	Dr. Sandeep Chaudhary	Investigation of new carbon -carbon bond forming reactions: Application to the synthesis and structure - activity relationship study of biologically active natural products.	Pursuing



DEPARTMENT OF HUMANITIES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Prashun Gupta	Dr. Vibhuti Singh Shekhawat	E-Governance: Social, Political, Economical and Managerial aspects of E- Governance.	Submitted
2.	Rinku Gupta	Dr. Vibhuti Singh Shekhawat	Implementation of Six Lean Six Sigma Techniques in Supply Chain Management.	Submitted
3.	Sweta Gupta	Dr. Vibhuti Singh Shekhawat	Emergency Preparedness by Different Government of India	Ongoing
4.	Alok Kumar Joshi	Dr. Vibhuti Singh Shekhawat	Urban poor: Environment and Infra. Management. A Sustainable approach.	Submitted
5.	Apeksha	Dr. N.Tandon	John Whiting: The Agony of the Absurd	Ongoing
6.	Vandita Batra	Dr. N.Tandon	Socio-Political Concerns in the Works of David Hare & Howard Brenton	Submitted
7.	Asif Iqbal	Dr. N.Tandon	Mispronunciations of Engineering ESL Learners in Mewar Region Rajasthan: A case Study in language Lab	Submitted
8.	Shveta Tripathi	Dr. N. Tandon	Oral Communication: Dimensions and Challenges (Tentative)	Ongoing
9.	Ms. Deepika Joshi	Prof. APS Rathore Dr. Dipti Sharma	Determinants of Competitiveness in Auto Component Industry: A Study of Indian Auto Component Manufacturers	Ongoing
10.	Ms. Oum Kumari R.	Dr. Dipti Sharma Dr. Geetanjali Sharma	Analysis of Residential Electricity Consumption in Jaipur City for Demand Side Management	Ongoing
11.	Ms. Manisha Choudhary	Dr. Dipti Sharma	An Analytical Study of Relationship Between Competency Mapping and Employees' QWL	Ongoing
12.	Ms. Shikha Singh	Dr. Dipti Sharma	Yet to be finalised	Ongoing
13.	Ms. Manju Nema	Dr. Preeti Bhatt	The Dynamic Nature of the Self in Doris Lessing's Short Stories	Ongoing



14.	Ms. Ritu Pareek	Dr. Preeti Bhatt	Questioning of Patriarchal Narration and of Female Subjugation in Angela Carter's Short Stories	Ongoing
15.	Ms. Kalpna Vijay	Dr. Preeti Bhatt	The Impact of Displacement on the Formation of New Values in the Novels of Diasporic Indian Women Writers	Ongoing
16.	Ms. Kanupriya	Dr. Preeti Bhatt	Dramatic Technique in the Major Plays of Girish Karnad	Ongoing

DEPARTMENT OF MATHEMATICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Ram Naresh Saraswat	Prof. K.C. Jain	Information Theory	Awarded
2.	Devendra Singh	Prof. K.C. Jain	Information Theory	Continuing
3.	Prafull Chabra	Prof. K.C. Jain	Information Theory	Continuing
4.	Padma Kumawat	Prof. Rashmi Jain	Special Function	Continuing
5.	Manish Kr. Bansal	Prof. Rashmi Jain	Special Function	Continuing
6.	Priyanka Harjule	Prof. Rashmi Jain	Special Function	Continuing
7.	Alpana Gupta	Prof. Kantesh Gupta	Special Function	Awarded
8.	Meena Kumari Gutjar	Prof. Kantesh Gupta	Special Function	Continuing
9.	Vishwas Joshi	Dr. Nilama Gupta	Operation Research	Awarded
10.	Sonia	Dr. Nilama Gupta Dr. Rajesh Kumar	Operation Research	Continuing
11.	Kavita Khandelwal	Dr. Vatsala Mathur	Fluid Dynamics	Continuing
12.	Sheikh Moh. Faisal	Dr. Sanjay Bhattar	Special Function, Integral Transform, Integral Equations and Fractional Calculus	Continuing
13.	Rakesh Kr. Bohra	Dr. Sanjay Bhattar	Special Function, Integral Transform, Integral Equations and Fractional Calculus	Continuing



14.	Amit Kr. Mathur	Dr. Sanjay Bhattar	Special Function, Integral Transform, Integral Eequations and Fractional Calculus	Continuing
15.	Pradeep Kumar	Dr.Santosh Chaudhary	Fluid Dynamics	Continuing
16.	Mahesh Puri Goswami	Dr. Ritu Agarwal	Geometric Function Theory and Bi -Complex Analysis	Continuing
17.	Sonal Jain	Dr. Ritu Agarwal	Geometric Function Theory and Bi -Complex Analysis	Continuing

DEPARTMENT OF PHYSICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Shubhra Mathur	Dr. K. Sachdev / Prof. S.K. Sharma	Study of Thermo-Chemical Behaviour of Some Metallic Glasses	Awarded
2.	Rishi Vyas	Prof. S.K. Sharma / Dr. K. Sachdev	Study of gas sensing behavior of nanostructured ZnO thin films	Pursuing
3.	Parul Gupta	Prof. S.K. Sharma	Synthesis and Characterization of some SnO ₂ based Gas Sensors	Pursuing
4.	Indu Bala Vashishtha	Prof. S.K. Sharma	Solar cell studies	Pursuing
5.	Neeraj Goyal	Prof. S.K. Sharma	Material Science studies	Pursuing
6.	Kanan Jassal	Dr. K.Sachdev	Dosimetric A spects of a -Si Based EPID & its Application in Advanced Radiotherapy	Pursuing
7.	Vikas Sharma	Dr. K.Sachdev	Synthesis & Characterization of multilayered TCO's	Pursuing
8.	Mahendra Singh Rathore	Dr. Srinivasa Rao N	Tuning the structural, optical and electrical properties of semiconductor nanocrystals	Pursuing
9.	Yogita Kumari	Dr. Kamlendra Awasthi / Prof. K. C. Swami	Engineering and characterization of block copolymer based solar cells	Pursuing
10.	Lokesh Kumar	Dr. Kamlendra Awasthi / Prof. K.C. Swami	Block copolymer nano templates for opto - electronic applications	Pursuing



11.	Harshita Agrawal	Dr. Vibhav K Saraswat / Dr. Kamalendra Awasthi	PET and its ZnO /TiO ₂ nanocomposites: Synthesis and applications	Pursuing
12.	Rajeev Kaushik	Dr. Rahul Singhal	Optical properties of metal nanostructures modified by energetic ions	Pursuing
13.	Abhishek Sharma	Prof. K C Swami	Study of effects of plasma nitriding process on some nitridable materials	Pursuing
14.	Narendra Kumar Agrawal	Prof. K C Swami	Study of enhancement in Bio-adoptability and bio-compatibility of nano-composite polymer membranes by plasma treatment	Pursuing

CENTRE FOR ENVIRONMENTAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Pramod Kumar	Prof. I.K. Bhat Dr. Jyotirmay Mathur	Energy efficiency of HVAC systems	Ongoing
2.	Anuj Mathur	Dr. Sanjay Mathur Dr. G.D. Agarwal	Solar air heating system	Ongoing
3.	Vaiju Nago	Dr. Rajesh Kumar Dr. Rohit Bhakar	Smart grid system	Ongoing



11.8 HONOURS AND AWARDS TO FACULTY MEMBERS

DEPARTMENT OF ARCHITECTURE

1. Prof. Alok Ranjan is Junior Vice President of Indian Institute of Architects and has been elected as Executive Member of Council of Architecture, the apex institution for regulating Architectural education and profession in India.
2. Mr. Ram Niwas Sharma, is the working group member and Mr. Satish Pipralia And Mrs. Kalpana Pandit are special invite in Rajasthan State Commission on Urbanization

DEPARTMENT OF CHEMICAL ENGINEERING

1. Prof. S.P. Chaurasia has given an invited talk on the topic "Bioethanol from Lignocellulosic Feedstock" in the National Conference on Emerging trends in Renewable Energy Technology, organized by U.D.M.L College of Engineering, Jaipur on April 20-21, 2012 and also chaired a technical session in this conference.
2. Prof. S.P. Chaurasia has given an invited talk on the topic "Lipase Catalyzed Oil/Fat Processing for Sustainable Development" in the National Conference on Emerging Trends in Engineering, Technologies and Sciences for Sustainable Development (ETETSSD-2012), organized at Jawaharlal Nehru University Delhi, June 5-6, 2012.
3. Dr. R. K. Vyas attended as Expert Member, the Group Monitoring Workshop for Technology Interventions for Addressing Societal Needs (TIASON) organized by Department of Science and Technology, Govt. of India held during October 3-5, 2012.
4. Prof. S.P. Chaurasia has given an invited talk on the topic "Biofuels" on Jan 3, 2013 at MMM Engineering College, Gorakhpur.
5. Prof. S.P. Chaurasia participated as Chief Guest during inaugural function in the International Conference on the topic "Various Facets of Energy Technologies and its Management for Sustainable Development (ET & MSD-2013)" held at JNU, Delhi during March 16-17, 2013.
6. Prof. S. P. Chaurasia has been nominated as Chairman for Jaipur Regional Centre of Indian Institute of Chemical Engineers.

7. Prof. S. P. Chaurasia has been nominated as member of Executive committee of Indian Desalination Association.
8. Prof. S. P. Chaurasia has been nominated as Member of Executive committee of Indian Membrane Society.
9. Dr. Madhu Agarwal has been nominated a regional Secretary for Jaipur Regional Centre of Indian Institute of Chemical Engineers.
10. Mr. Sushant Upadhyaya has been nominated as regional Joint Secretary for Jaipur Regional Centre of Indian Institute of Chemical Engineers.
11. Mr. Rajeev Kuamr Dohare has been nominated as Treasurer for Jaipur Regional Centre of Indian Institute of Chemical Engineers.
12. Dr. R. K. Vyas has been Elected/ nominated as Executive Member for Jaipur Regional Centre of Indian Institute of Chemical Engineers.
13. Dr. Kailash Singh has been Elected/ nominated as Executive Member for Jaipur Regional Centre of Indian Institute of Chemical Engineers.
14. Dr. Suja George has given a special lecture on the topic, "Fluoride Mitigation Programmes of the drinking water supplies," at Short Term Course on "Recent Advances in Pollution Prevention Technologies in Process Industries" 22nd Oct. 2012 to 26th Oct. 2013, held at MNIT Jaipur.
15. Dr. Suja George has given a special lecture on the topic, "Modeling & Simulation of Defluoridation Processes" at One Day Workshop "Innovations in Defluoridation" organised by DST at Hotel Ramada, Jaipur, 9th Feb. 2013.
16. Dr. Suja George has given a special lecture on the topic, Short Term Course on "Water quality Management including NABL requirements." sponsored by CCDU, WSSO, Jaipur, 29th to 30th March 2013.

DEPARTMENT OF CIVIL ENGINEERING

1. Prof. Rohit Goyal Was Nominated As Technical Expert In Committee Constituted By Government of Rajasthan Vide Order No. CE WR/SE (W)/11153/2011/Ramgarh/3033
2. Dr A. B. Gupta Continuing As A Member of The Programme Advisory Committee (PAC) On Water Technology Initiative of The DST, GOI For 3



- Years In April 2012.
- Continuing As A Member of The Board Constituted By The Government of Rajasthan On Environmental Health.
 - Continuing As A Member of The Rajasthan State Pollution Control Board, Government of Rajasthan
 - Dr. A.B. Gupta Was Nominated As A Member of The Expert Committee For The Core Support Scheme Under SEED Division of The DST, GOI For 3 Years In February 2013 For Three Years.
 - Dr. A. B. Gupta Was The Guest of Honour At One Day ISTE Sponsored Faculty Development Programme On Innovation In Teaching Methodologies, RIET, Jaipur, March 3, 2013. Also Delivered A Keynote Address Titled "Research In Multi Disciplinary Areas" In The Program
 - Prof. Rohit Goyal Chaired Session On "Desalination And Water Conservation Schemes For Rural And Remote Areas; Rainwater Harvesting And Water Resource Management" In International Conference On Water Desalination, Treatment And Management, Organized By MNIT Jaipur And IDA On Feb. 21-22, 2013 At Jaipur
 - Prof. Sudhir Kumar Was Elected As A Member of Executive Council of ISTE For Three Years
- DEPARTMENT OF CHEMISTRY**
- Dr Ragini Gupta**
- Invited Speaker on "Mechanochemistry: Greening Organic Synthesis" at Suresh Gyan Vihar University, Jaipur. (Convention on climate change and water 2012, 10th to 12th Oct. 2012)
 - BSC BRNS Interaction Meeting in the Dept of Physics with Basic Science Faculty at Mohanlal Sukhadia University, Udaipur, 2012, organized by BARC, India on September 08, 2012
 - Acted as Observer in Young Scientist Research Award Meet at BSC BRNS Meeting, Mumbai, Nov. 26th -28th, 2012.
- Organizing Secretary, "International Workshop on Chemistry For A Sustainable Future Dec 10-12, 2012"
 - Local Organizing Committee Member, "International Conference on Water Desalination and Treatment" held on Feb 21-22, 2012.
 - Editorial Member, "National Conference on Manufacturing and Logistics Management" March 8-9, 2013.
 - Convenor of Science Day Celebration on National Science Day 28th Feb 2013
 - Coordinator of One Day Workshop organized By MRC on Advanced Material Characterization at MNIT, 24th Feb 2013.
- Dr Sandeep Chaudhary**
- Recognitions received**
- Recently published a high impact article as a co-author in the journal *Chemistry- A European Journal* (Impact factor: **5.925**) published by **Wiley-VCH Verlag GmbH & Co. KGaA** - A company of John Wiley & Sons, Inc., Weinheim, Germany. This paper was treated as **Very Important Paper (VIP Paper)** and is highlighted in journal's table of contents and in the news section on journal homepage in Wiley Online Library. The detail of the paper is given below:
Yuji Kawato, Sandeep Chaudhary, Naoya Kumagai, and Masakatsu Shibasaki, "Streamlined catalytic asymmetric synthesis of Atorvastatin" *Chemistry- A European Journal* 2013, 19 (12), 3802-3806.
 - Recognized as the International Advisory Board Member for the journal "International Journal of Pharmaceutical Sciences and Research" Panchkula (HR), India since Nov, 2012.
 - My professional biography was selected for publication in one of the America's leading Biographical publication Marquis Who's Who, Berkeley's Heights, New Jersey 07922, USA in the 30th Pearl Anniversary Edition, 2013.



DEPARTMENT OF ELECTRICAL ENGINEERING

S. No.	Name of Faculty	Perticulars
1.	Prof. R. A. Gupta	<ul style="list-style-type: none">i. Expert Member AICTE: Associated as Expert Member AICTE since 1999 (11 years) for establishment of new Technical Institutions/Increase in Intake/New Courses at various Institutions. Visited large number of Institutions in various States.ii. Faculty Development Programmes: Acted as expert member of AICTE and worked as reviewer for the proposals submitted by various institutes across the country for Research and Development (R&D), TAPTEC grants, Career Award, Seminar Grants, Workshops, Modernization of Laboratories.iii. National Board of Accreditation (NBA): Expert member of AICTE for various accreditation peer review committees since 2002 (08 years) and visited large number of Institutions for quality assurance in technical education.iv. AICTE Nominee for BOG: Nominated as AICTE member of BOG in many Institutions to discuss various technical issues as per AICTE norms, and issues related to quality education to the students.v. AICTE Nominee for Selection Committees: Acted as expert member in many selection committees to ensure the selections of the faculty at the level of Professor, Associate Professor, and Assistant Professor as per AICTE norms.
2.	Ms. Prerna Jain & Dr. Rohit Bhakar	Two M. Tech. students, Shivani Kanongo and Kailash Chand Sharma students of Master of Technology in Power systems from Electrical Engineering Department won POSOCO Power System Award (PPSA) -2013. They were both conferred with PPSA and a cash price of 35,000/- each

ENTREPRENEURSHIP DEVELOPMENT CELL

Dr. Awadhesh Bhardwaj, Coordinator IIP Cell and ED Cell was nominated as member of expert committee of National Science and Technology Entrepreneurship Development Board, Department of Science and Technology, ST, Govt. of India



11.9 PUBLICATIONS AND RESEARCH PAPERS IN CONFERENCES ETC.

DEPARTMENT OF CHEMICAL ENGINEERING

Research Papers Published in International Journals:

1. S. Upadhyaya, S. P. Chaurasia, K.Singh, J. K. Singh (2012) "Desalination of water by vacuum membrane distillation for sustainable development", International journal of environmental engineering and management, vol.3 (3): (349-352).
2. Agarwal, M., Soni, S., Singh, K., Chaurasia, S.P., Dohare, R.K., "Biodiesel yield assessment in continuous flow reactors using batch reactor conditions" International Journal of Green Energy, 10(1), 28-40, 2013.
3. Madhu Agarwal, Kailash Singh, S.P. Chaurasia "Simulation And Sensitivity Analysis for Biodiesel Production in A Reactive Distillation Column", published in "Polish journal of chemical technology, Vol. 14, No. 3 PP 59-65. 2012
4. P. Dey, P. Patel and M. Agarwal, "Nano technologies in the field of food science and industry-A brief Review", published in International Journal of Agriculture and Food Science Technology, Vol. 3 no. 3, pp 206-210, ISSN 2249-3050. 2012
5. Kriti Bhandari, S.P. Chaurasia, A.K. Dalai, Alok Gupta, and K. Singh, (2013) "Kinetic study on of enzymatic esterification of tuna fish oil fatty acids with butanol," accepted for publication in Journal of Molecular Catalysis: B, DOI: 10.1016/j.molcatb.2013.05.006
6. Aditi Sharma, S. P. Chaurasia and A. K. Dalai, (2013) "Non-selective hydrolysis of Tuna fish oil for producing free fatty acids containing Docosahexaenoic Acid, accepted for publication in The Canadian Journal of Chemical Engineering, January 09, 2013.
7. Anjali Jain, Ravi Dhabhai, Neha Bajpai and Satyendra P. Chaurasia, (2013) "Kinetic study on enzymatic saccharification of sorghum straw" International Journal of Applied Engineering Research, Vol 8 No. 7, 2013, ISSN 0973-4562, pp20-23.
8. Dhabhai R., Chaurasia S. P., and Dalai A. K., (2013) "Effect of pretreatment conditions on structural characteristics of wheat straw", Chemical Engineering Communications, Article in press. doi:10.1080/00986445.2012.743895.
9. Aditi Sharma, S. P. Chaurasia and A. K. Dalai, (2012) "Enzymatic Hydrolysis of Cod liver oil for the Fatty acids Production", Catalysis Today, <http://dx.doi.org/10.1016/j.cattod.2012.05.006> (In press; available online)
10. Dhabhai R., Chaurasia S. P., and Dalai A. K., (2012) "Immobilization of Saccharomyces cerevisiae on Canadian pine wood chips and its use in co culture with free Pichia stipitis for conversion of glucose-xylose mixtures to bioethanol". Journal of Biobased Materials and Bioenergy, 6(5), 594-600, doi:10.1166/jbmb.2012.1253.
11. Dhabhai R., Chaurasia S. P., and Dalai A. K., (2012) "Bioconversion of glucose-xylose mixtures and wheat straw lignocellulosic sugars to ethanol by recombinant Escherichia coli". Journal of Renewable and Sustainable Energy, 4, doi: 10.1063/1.4764934.
12. Dhabhai R., Chaurasia S. P., and Dalai A. K., (2012) "Influence of pretreatment conditions on composition of liquid hydrolysate and subsequent enzymatic saccharification of remaining solids," Canadian Journal of Chemical Engineering. doi:10.1002/cjce.21746.
13. Dhabhai R., Jain A., and Chaurasia S. P., (2012) "Production of fermentable sugars by dilute acid pretreatment and enzymatic saccharification of three different lignocellulosic materials", International Journal of ChemTech Research, 4(4), 1497-1502.
14. Kriti Bhandari, S.P. Chaurasia, A.K. Dalai and Alok Gupta, "Enzymatic Hydrolysis of Sardine Fish oil for DHA Concentration", International Journal of Environmental Engineering & Management", ISSN 2231-1319, Vol. 3, pp. 171-174, June, 2012.
15. Sini Shankar, Amrita Singh, Anjali Jain, Madhu Agarwal and S. P. Chaurasia, "Application of Lipases for Green Synthesis of Different



- Compounds" International Journal of Environmental Engineering and Management, ISSN 2231-1319 Volume 3, Number 3 (2012), pp391-394.
16. S.P. Chaurasia "Lipase Catalyzed Oil/Fat Processing for Sustainable Development" International Journal of Environmental Engineering and Management, ISSN 2231-1319 Volume 3, Number 3 (2012), pp457-459.
 17. Sharma, N. and Singh, K., "Model predictive control and neural network predictive control of TAME reactive distillation column," Chemical Engineering and Processing: Process Intensification, 59, 9-21, 2012.
 18. Patwa, R. and Vyas, R. K., "Greywater Treatment using Advanced Oxidation Processes: Solution to the Future Water Crisis," International Journal of Environmental Engineering and Management, 3(2), pp. 253-256, 2012.
 19. Sharma, Richa, Jain, Swati and Vyas, R. K., "Photochemical Degradation of Diclofenac using Synthesized Nanosized ZnO," International Journal of Environmental Engineering and Management, 3(2), pp. 277-280, 2012.
 20. Sharma, Manisha, Vyas, R. K., and Singh, K., "A Review on Reactive Adsorption for Potential Environmental Applications," Adsorption, 19 (1), pp.161-188, 2013.
 21. Jain, Swati, Kumar, Pardeep, Vyas, R. K., Pandit, Prabhat, and Dalai, Ajay K, "Occurrence and Removal of Antiviral Drugs in Environment: A Review," Water, Air, & Soil Pollution, 224 (2), Art. No. 1410, pp.1-19, 2013.
 22. Maheshwari, Monika, Vyas, R.K., and Sharma, Manisha, "Kinetics, Equilibrium and Thermodynamics of Ciprofloxacin Hydrochloride Removal by Adsorption on Coal Fly Ash and Activated Alumina," Desalination and Water Treatment, (Available online in latest articles)
 23. Bhatt, Parul, Vyas, R. K. Pandit, Prabhat and Sharma, Manisha, "Adsorption of Reactive Blue and Direct Red dyes on PAC - Equilibrium, Kinetics and Thermodynamic Studies," Nature, Environment & Pollution Technology, (Accepted for Publication, Feb. 2013)
1. Sharma, M., Vyas, R.K., and Singh, K., "A review on reactive adsorption for potential environmental applications," Adsorption, 19(1), 161-188, 2013. DOI: 10.1007/s10450-012-9436-9.
 2. Sunny Soni and Madhu Agarwal, "The economic and Environment Impact of Biodiesel", published in Global Journal of Finance and Management, Vol. 4, Number 5, PP 29-33, ISSN 0975-6477. (2012)

List of Papers Presented at International Conferences:

1. Sunny Soni and Madhu Agarwal, "Use of ceramic material for the production of biodiesel" presented at international conference on ceramics held at Bikaner Dec. 12-13, 2012.
2. P. Dey, P. Patel and M. Agarwal, "Nanotechnologies in the field of food science and industry-A brief Review", presented in International conference on Agriculture, Food Science & Environmental technology for sustainable global development held at JNU Delhi on 28-29 Oct. 2012 organized by krishi sanskriti.
3. Sharma, M., Vyas, R.K., Singh, K., "Modeling of a fixed bed reactive adsorption column for environmental remediation," International Conference on Advances in Chemical Engineering (ACE2013), 22-24 February 2013.
4. Akhilesh Kushwaha, V. Gautam, Jitendra Singh, Sushant Upadhyaya and S.P. Chaurasia, "Studies on Boron Removal for Desalination Applications by Reverse Osmosis Membrane" presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDACon-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
5. Jitendra Singh, Sushant Upadhyaya and S.P. Chaurasia, "Studies on Separation of NaCl from Water by Vacuum Membrane Distillation" presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDACon-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
6. Keshav dev, Sushant Upadhyaya, S.P Chaurasia and Madhu Agarwal, "Desalination Using Membrane Distillation Process" presented in

Research Papers Published in National Journals:



- International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
7. Sushant Upadhyaya, S.P. Chaurasia, Kailash Singh and Rajeev Kumar Dohare, "Robust Design Optimization for Desalination by Vacuum Membrane Distillation" presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
 8. Vijay Shankar Gautam, A. Kushwaha, Jitendra Singh, Sushant Upadhyaya and S. P. Chaurasia, "Nitrate Removal by Polyamide RO Membrane and Effect of Di-hydrogen Phosphate Ions on its Removal" presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
 9. Pankaj K.Pandey, S.K.Sharma, S.S.Sambi and Sushant Upadhyaya, "Removal of Lead and Copper by Zeolite -NaX from Waste Water", presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
 10. Hemant Juneja, Sushant Upadhyaya, Rajeev Dohare and Madhu Agarwal, "A Review on Characterization and Efficiency of Various Absorbent in the Purification of Drinking Water", presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
 11. S. M. Assem, T. Akhtar, A. Jain, Sushant Upadhyaya & Madhu Agarwal, "Natural Adsorbents for Removal of Fluoride from Drinking Water", presented in International Conference on Water Desalination Treatment and Management Organised by MNIT Jaipur and Indian Desalination Annual Congress (InDAICON-13) at Jaipur, Rajasthan (India), Feb. 21-22, 2013.
 12. Sharma, N. and Singh, K., "SVM predictive control of TAME reactive distillation column," International Conference on Advances in Chemical Engineering (ACE2013), 22-24 February 2013.
 13. Suja George, Sandeep Kumar Patel, and Prachi Rajput, "Fluoride Removal Studies on Magnesium Coated Sand", Proceedings of 65th Annual Session of Indian Institute of Chemical Engineers CHEMCON - 2012, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and Indo-US Joint International Conference on Energy and Environment, Jalandhar, India, Dec.27 to 30, 2012, pp 299.
 14. Anjali Jain, Ravi Dhabhai, Neha Bajpai and S. P. Chaurasia, "Kinetic study on enzymatic saccharification of sorghum straw" International Conference "Various Facets of Energy Technologies and its Management for Sustainable Development" (ET & MSD-2013), 16th & 17th March 2013, Jawaharlal Nehru University, New Delhi.
 15. Aditi Sharma, S. P. Chaurasia, Madhu Agarwal and A. B. Gupta, "Adsorption of Arsenic on Activated alumina for purifying Drinking Water" presented in International Conference on Water Desalination, Treatment and Management organised by MNIT Jaipur, Indian Desalination Association and CCDU, PHED Rajasthan; during Feb. 21-22, 2013.
 16. Kriti Bhandari, S.P. Chaurasia, A.K. Dalai and Alok Gupta, "Concentration of Docosahexaenoic Acid (DHA) from Tuna Fish Oil by Lipase Catalysed Hydrolysis and Selective Esterification", International conference on 10th Congress of the International Society for the Study of Fatty Acids and Lipids (ISSFAL), Vancouver, Canada, May 26-30, 2012
 17. Sini Shankar, Amrita Singh and S. P. Chaurasia "Synthesis of Butyl Laurate using immobilized candida Antarctica lipase" Presented at World Congress on Biotechnology; May 04-06. 2012; Leonia International Convention Centre, Hyderabad, India.
 18. Amrita Singh, Sini Shankar and S. P. Chaurasia



- "Effect of Reaction Parameters on Saccharification of Wheat Straw using Cellulase" Presented at World Congress on Biotechnology; May 04-06. 2012; Leonia International Convention Centre, Hyderabad, India.
19. Aditi Sharma, S. P. Chaurasia and A. K. Dalai*, "Lipase catalyzed synthesis of DHA rich free fatty acids from Salmon fish oil", presented a poster in 10th Congress of the International Society for the Studies of Fatty acids and Lipids (ISSFAL-2012) at Vancouver (Canada) between May 26-30, 2012.
 20. Aditi Sharma, K. Bhandari, S. P. Chaurasia* and A. K. Dalai, "Concentration of DHA from Tuna Fish Oil by Lipase Catalyzed Hydrolysis and Selective Esterification" presented a poster in 10th Congress of the International Society for the Studies of Fatty acids and Lipids (ISSFAL-2012) at Vancouver (Canada) between May 26-30, 2012.
 21. R.K. Dohare, M.Kumar "Model based controller for control the train of continuous stirred tank reactor", in Proceedings of International Conference on Advances in Chemical Engineering (ICACE-2013) NIT Raipur .
 22. S. Singha, R. K. Dohare, M. Agarwal "Two -Phase Modelling of Turbulent Convective Heat Transfer of Dilute CuO/Water Nanofluid Inside A Circular Tube", in Proceedings of International Conference on Advances in Chemical Engineering (ICACE-2013) NIT Raipur.
 23. S. Kumar , R.K.Dohare " Control of an Extractive Distillation Column for Isobutyl Acetate -Isobutyl Alcohol System" ,in Proceedings of International Conference on Advances in Chemical Engineering(ICACE-2013) NIT Raipur .
 24. Dohare, R.K., Singh, K., and Kumar, R., "Optimal parameters for BTX separation in Divided Wall Column" ,in Proceedings of International Conference on Advances in Chemical Engineering (ICACE-2013) NIT Raipur.
 25. Supreeti Singha, Rajeev Dohare, and Madhu Agarwal, "Seawater Desalination project MEDESOL and Mega-Ton Water System A comparative Case Study", in Proceedings of International Conference on Water Desalination, Treatment and Management & Indian Desalination Association Annual Congress- 2013 (InDACON -2013), MNIT Jaipur.
 26. Mukesh Kumar and R.K. Dohare, "Removal of Persistent Compounds Using Advanced Techniques", in Proceedings of International Conference On Water Desalination, Treatment and Management & Indian Desalination Association Annual Congress- 2013 (InDACON -2013), MNIT Jaipur.
 27. Hemant Juneja, Sushnat Upadhyaya, Rajeev Dohare, Madhu Agarwal, "A review on characterization and efficiency of various adsorbents in the purification of drinking water", in Proceedings of International Conference On Water Desalination , Treatment and Management & Indian Desalination Association Annual Congress- 2013 (InDACON -2013), MNIT Jaipur.
 28. Nishant Paul, Anjali Garg, Santveer, R.K. Dohare, and Madhu Agarwal, "Modification in Nalgonda Technique", in Proceedings of International Conference On Water Desalination , Treatment and Management and Indian Desalination Association Annual Congress- 2013 (InDACON -2013), MNIT Jaipur .
 29. Sunny Soni, Rajeev Dohare and Madhu Agarwal, " Treatment of wastewater Conference on Water Desalination, Treatment and Management & Indian Desalination Association Annual Congress- 2013 (InDACON -2013), MNIT Jaipur.
 30. Deepak Kumar Patel, Rajeev Dohare, and Madhu Agarwal , "A review on application of carbon nano-materials in membrane technology", in Proceedings of International Conference On Water Desalination , Treatment and Management.
 31. Jain, Swati, Vyas, R. K., Pandit, Prabhat, and Sharma, Richa "A Comparative Study of Acyclovir Removal from Aqueous Solution using Ion Exchange Adsorbents," Proceedings of 65th Annual Session of Indian Institute of Chemical Engineers, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and US-India Joint International Conference on Energy and Environment, CHEMCON 2012, December 27-30, 2012, Punjab, India, P-197.
 32. Dahiya, Sandeep, Jain, Swati and Vyas, R. K. "Removal of Contaminants from aqueous solution by Nanosized Adsorbents: A Review," Proceedings of 65th Annual Session of Indian



- Institute of Chemical Engineers, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and US-India Joint International Conference on Energy and Environment, CHEMCON 2012, December 27-30, 2012, Punjab, India, P-239.
33. Sharma, Richa, Jain, Swati and Vyas, R. K. "Response Surface Methodology for Optimization of Diclofenac Adsorption on Amberlite IR 120H," Proceedings of 65th Annual Session of Indian Institute of Chemical Engineers, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and US-India Joint International Conference on Energy and Environment, CHEMCON 2012, December 27-30, 2012, Punjab, India, P-202.
 34. Maheshwari, Monika and Vyas, R. K., "Parametric studies for removal of Ciprofloxacin hydrochloride using activated carbons," Proceedings of 65th Annual Session of Indian Institute of Chemical Engineers, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and US-India Joint International Conference on Energy and Environment, CHEMCON 2012, December 27-30, 2012, Punjab, India, P-466.
 35. Patwa, Rahul, and Vyas, R. K., "Greywater treatment using advanced oxidation processes: A kinetic study," Proceedings of 65th Annual Session of Indian Institute of Chemical Engineers, International Conference on Sustainable Technologies for Energy and Environment in Process Industries and US-India Joint International Conference on Energy and Environment, CHEMCON 2012, December 27-30, 2012, Punjab, India, P-155.
 36. Jain, Swati, Vyas, R. K., Pandit, Prabhat, Sharma, Manisha, Sharma, Neha, and Dalai, Ajay K. "Application of Response Surface Methodology for Adsorptive removal of Acyclovir from Aqueous Solutions on Prepared Powdered Activated Carbon," Proceedings of the International Conference on Water Desalination, Treatment and Management, organized by Department of Chemical & Civil Engineering, MNIT Jaipur, February 21-22, 2013, Jaipur, India, P-72.
 37. Sharma, Richa, Jain, Swati and Vyas, R. K., "Optimization of factors affecting removal of diclofenac on Amberlite IR 120H using Response surface methodology," Proceedings of the International Conference on Water Desalination, Treatment and Management, organized by Department of Chemical & Civil Engineering, MNIT Jaipur, February 21-22, 2013, Jaipur, India, P-71.
 38. Dahiya, Sandeep, Jain, Swati and Vyas, R. K., "Occurrence of Oseltamivir in Wastewater and Removal Techniques-A Brief Overview," Proceedings of the International Conference on Water Desalination, Treatment and Management, organized by Department of Chemical & Civil Engineering, MNIT Jaipur, February 21-22, 2013, Jaipur, India, P-93.
 39. Jain, Swati, Vyas, R. K., and Pandit, Prabhat, "Nonlinear Modeling of Equilibrium data for Adsorption of Acyclovir onto Powdered Activated Charcoal," International Conference on Advances in Chemical Engineering (ACE 2013), organized by Indian Institute of Technology Roorkee going to held on February 22-24, 2013, Roorkee, India, pp.60-61.
 40. Sharma, Manisha, Vyas, R. K., and Singh, Kailash, "Modeling of a fixed bed reactive adsorption column for environmental remediation," International Conference on Advances in Chemical Engineering (ACE 2013), organized by Indian Institute of Technology Roorkee going to held on February 22-24, 2013, Roorkee, India, p.60.
 41. Maheshwari, Monika and Vyas, R. K., "Kinetics Studies for removal of Ciprofloxacin hydrochloride using activated alumina and coal fly ash at different pH," International Conference on Advances in Chemical Engineering (ACE 2013), organized by Indian Institute of Technology Roorkee going to held on February 22-24, 2013, Roorkee, India, pp.139-140.
- List of Papers Presented at National Conferences:**
1. Sunny soni and Madhu Agarwal, Development of biolubricants from renewable energy sources in the proceedings of chemcon 2012 held at Chandigarh on December 2012.



2. Sharma, N. and Singh, K., "Neural network predictive control of TAME reactive distillation column," in Proceedings of CHEMCON-2012, Jalandhar, 27-30 December 2012.
3. Dohare, R.K., Singh, K., Kumar, R., "Neural network predictive control of dividing wall column," in Proceedings of CHEMCON-2012, Jalandhar, 27-30 December 2012
4. Chaurasia, S.P., Singh, K., Singh, J., Upadhyaya, S., "Heat transfer correlation using computational fluid dynamics for desalination by vacuum membrane distillation," in Proceedings of CHEMCON-2012, Jalandhar, 27-30 December 2012.
5. Prachi Rajput & Suja George, "Dye removal using Bio-Sorbents : A nature friendly approach", Proceedings of the All India Seminar on Pollution Prevention through development of Bio- based Material and Energy" Jaipur India on 22nd -23rd February 2013, pp 19-20.
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2. Kavita Verma, S.S. Shekhawat, K.D. Gupta, A. B. Gupta. Disinfection Using Chlorine-Effect of Step Dosing. Presented In The Poster Session of International Conference On "Water Desalination, Treatment And Management" And Indacon 2013, Feb.21-22, 2013, Jaipur. The Abstract Was Published In The Souvenir.
3. Ramachandar B.S., Tuli Biswas And A. B. Gupta. Electricity Generation From Municipal Solid Waste Using Single Chamber Membraneless Microbial Fuel Cell. Presented In The Poster Session of International Conference On "Water

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14. P V Ramana, 21-23 Feb 2013 "Limitations On Decomposition Method For Engineering Problems", IIT, Varanasi, India.
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 14. A B. Gupta. "Air Quality And Health- Some Research Issues", DST-SERB School On Air Quality Management, IIT Bombay, December 6-7, 2012.
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1.	Automobile Engineering	Vinod Singh Yadav, Dilip Sharma and Shyam Lal Soni	Priya-tech Publication Pvt. Ltd.
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DEPARTMENT OF MANAGEMENT STUDIES

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3. "Synthesis and Characterization of Pure and Zn-doped SnO₂ Nanopowders" Parul Gupta, Rishi Vyas, B.L. Choudhary, K. Sachdev, D.S. Patil, S.K. Sharma, Presented in International Conference ICC-2012 at Bikaner during 12-13 Dec., 2012
4. "A Comparative Study of the Sol-Gel Synthesized Nanostructured SnO₂ Powders" Parul Gupta, Rishi Vyas, B.L. Choudhary, K.V.R. Rao, K. Sachdev, D.S. Patil, S.K. Sharma Presented in International conference "Recent Trends in Applied Physics & Material Science (RAM-

2013)" held at Bikaner, India during Feb. 1-2, 2013.

5. Functionalization of porous PET membranes for gas separation, Kamendra Awasthi, Proceedings of 5th Int Conference on "Electroactive Polymers: Materials & Devices", BHU, Varanasi (2012).
6. Characterization of Plasma Treated Nano Composites Polymer Membranes, Narendra Kumar Agrawal, K. Awasthi, Y. K. Vijay, K. C. Swami, presented in "Fifth International Conference on Electroactive Polymers: Materials & Devices", during November 4-9, 2012.

List of Papers Presented at National Conferences

1. Study of Oxide Etching for MOSFET - based MEMS Bio Sensor" Vikas Sharma, V.K.Khanna, K.Sachdev. AIP Conference Proceedings 1512, 518-519 (2013).
2. Characterization of N₂ Plasma Treated Nano Composites Polymer Membranes, Narendra Kumar Agrawal, Y. K. Vijay and K. C. Swami, Presented in Nano Technology Applications (NTA 2012), October 6-7, 2012.
3. Micro fabrication using Low Temperature Low Pressure Plasma, Narendra Kumar Agrawal, Y. K. Vijay, K. C. Swami, presented at Fifth SERC School, during October 29- November 03, 2012.
4. Bio-adoptability for Ion-Plasma Treated Polymer Nano Composites Membranes, Narendra Kumar Agrawal, Y. K. Vijay, K. C. Swami, presented at 27th National Symposium on Plasma Science and Technology, during December 10-13, 2012.

11.10 COURSES AND ADMISSIONS

(a) Undergraduate Programmes (Bachelor of Technology)

Academic Programmes leading to B. Tech./B. Architecture Degree as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg. (4 years)	92
	Total	802



(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M.Tech. in Water Resource Engineering	Civil Engg.
2.	M. Tech. in Environmental Engineering	Civil Engg.
3.	M. Tech. in Power Systems	Electrical Engg.
4.	M. Tech. in Metallurgical & Materials Engineering	Metallurgical & Materials Engg.
5.	M. Tech. in Electronics and Comm. Engineering	Electronics & Comm. Engg.
6.	M.Tech. in Transportation Engineering	Civil Engg.
7.	M.Tech. in Manufacturing System Engineering	Mechanical Engg.
8.	M.Tech. in Structural Engineering	Structural Engg.
9.	M.Tech. in Chemical Engineering	Chemical Engg.
10.	M. Tech. in Energy Engineering	Mechanical Engg.
11.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
12.	M. Tech. in Computer Engineering	Computer Engg.
13.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
14.	M.Tech. in Renewable Energy	Centre for Env. & Energy
15.	M. Planning in Urban Planning	Architecture
16.	M. Sc. in Physics	Physics Dept.
17.	M. Sc. in Chemistry	Chemistry Dept.
18.	M. Sc. in Mathematics	Mathematics Dept.
19.	Master of Business Administration (MBA)	Management Studies Dept.
20.	Technology Management	Management Studies Dept.

Undergraduate Programmes

The allocation of 802 seats for students from Rajasthan & other than Rajasthan states during the session 2012-13

Malaviya National Institute of Technology Jaipur										
State	Branch	OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	Total
All India CAI	Architecture	15	1	5	0	2	0	8	0	31
	Civil Engg.	23	0	7	0	3	1	12	0	46
	Chemical Engg.	23	0	6	1	4	0	12	0	46
	Computer Engg.	23	1	7	0	3	0	12	1	47
	Electrical Engg.	22	1	7	0	4	0	13	0	47
	Electronics & Communication Engg.	23	0	7	0	3	0	12	1	46
	Information Technology	22	1	7	0	3	0	12	1	46
	Mechanical Engg.	22	1	6	1	4	0	12	0	46



	Metallurgical & Materials Engg.	22	1	7	0	3	0	13	0	46
Home State (HS)	Architecture	15	0	4	0	2	1	9	0	31
	Civil Engg.	22	1	7	0	3	0	12	1	46
	Chemical Engg.	22	1	7	0	3	0	13	0	46
	Computer Engg.	22	1	7	0	4	0	12	0	46
	Electrical Engg.	23	0	6	1	3	0	12	1	46
	Electronics & Communication Engg.	23	1	7	0	4	0	12	0	47
	Information Technology	22	1	7	0	4	0	12	0	46
	Mechanical Engg.	23	0	7	0	3	0	13	1	47
	Metallurgical & Materials Engg.	22	1	6	1	4	0	12	0	46
	Total	389	12	117	4	59	2	213	6	802

Course-Wise Enrolment of undergraduate B.Tech./B. Arch. Programme through AIEEE, DASA, ICCR and MEA during the session 2012-13

Branch/Duration	Total registered students					Total
	I Year	II year	III Year	Final Year	Final Year Arch.	
Architecture (5 years)	66	58	64	50	41	279
Civil Engg. (4 years)	101	92	90	99		382
Chemical Engg. (4 years)	93	93	89	77		352
Computer Engg. (4 years)	110	97	99	88		394
Electrical Engg. (4 years)	96	90	90	80		356
Electronics & Communication Engg. (4 years)	102	96	92	100		390
Information Technology (4 years)	00	88	86	76		250
Mechanical Engg. (4 years)	109	112	106	90		417
Metallurgical Engg. (4 years)	92	86	76	63		317
TOTAL	769	812	792	723	41	3137



COURSE WISE ADMISSION STATISTICS-UG/PG PROGRAMMES

(a) Students admitted to Undergraduate B. Tech./B.Arch. programmes through AIEEE during the session 2012-13

S. No.	Programme	Nos. of seats allotted to students belonging to					
		SC	ST	OBC	PWD	GC	Total
1.	Architecture	9	4	17	1	30	62
2.	Chemical Engg.	13	7	25	2	45	92
3.	Civil Engg.	14	6	24	3	45	92
4.	Computer Engg.	14	7	24	3	45	93
5.	Electronics & Communication Engg.	14	7	24	2	46	93
6.	Electrical Engg.	13	7	25	3	45	93
7.	Information Technology	14	7	24	3	44	92
8.	Mechanical Engg.	13	7	25	3	45	93
9.	Metallurgical Engg.	13	7	25	3	44	92
		117	59	213	24	389	802

(b) Students admitted to Postgraduate Programmes during the session 2012-13

Full Time M.Tech./M.Plan./M.Sc./M.B.A. programmes

S. No.	Programmes	General	ST	SC	OBC	PWD	Sponsored	Part Time	Admitted
1.	Chemical Engineering	8	2	3	5	0	0	0	18
2.	Environmental Engg.	8	0	2	3	0	1	2	16
3.	Water Resources Engg.	2	0	3	0	0	0	0	5
4.	Structural Engg.	8	1	2	3	0	0	1	15
5.	Power Systems	10	2	3	5	1	0	0	21
6.	Transportation Engg.	8	1	2	3	0	0	1	15
7.	Manufacturing Sys. Engg.	10	2	3	5	0	3	3	26
8.	Metallurgical & Materials Engg.	10	2	3	5	0	0	0	20
9.	Electronics & Comm. Engg.	10	2	3	5	0	5	6	31
10.	VLSI Design	10	2	3	5	0	5	5	30
11.	Energy Engineering	10	2	2	5	1	2	5	27
12.	Computer Engineering	10	2	3	5	1	4	1	26
13.	Disaster Assessment and Mitigation	0	0	0	0	0	0	0	0



14.	Renewable Energy	11	2	3	5	1	0	0	22
15.	Urban Planning	7	0	3	0	0	0	1	11
16.	M. Sc. Physics	15	1	0	8	0	0	0	24
17.	M. Sc. Chemistry	13	1	2	6	0	0	0	22
18.	M. Sc. Mathematics	6	0	1	2	0	0	0	9
19.	M.B.A.	19	3	2	4	0	0	0	28
20.	M.B.A. Technology Management(self finance)	0	0	0	0	0	0	0	0
TOTAL		175	25	43	74	3	20	25	366

Ph.D. Programmes 2012-13

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Electronics & Comm. Engg.	7	4
2.	Electrical Engg.	6	2
3.	Civil Engg.	11	6
4.	Chemical Engg.	4	1
5.	Computer Engg.	8	3
6.	Centre for Energy & Environment	3	0
7.	Mechanical Engg.	15	5
8.	Metallurgical & Materials Engg.	6	1
9.	Physics	2	2
10.	Chemistry	5	0
11.	Mathematics	2	2
12.	Humanities & Social Sciences	0	1
13.	Management Studies	3	1
Grand Total		72	28

11.11 SCHOLARSHIP AND AWARDS

Scholarship/Assistantship to PG Students

For M.Tech. Students

S.No.	Name of Scholarship	Address	Amount	Conditions
1.	Government of India (MHRD) New Delhi	MHRD New Delhi	Rs. 8000/ - PM	For M. Tech. (GATE Qualified Candidates)
2.	Scholarship to sponsored candidates QIP (Poly) Scheme scholarship from AICTE New Delhi	Advisor All Indian Council for Technical Education Sports Complex IP Estate New Delhi - 110002	Rs. 4000/ - PM + contingency Rs. 5000/ - PA	For M. Tech.
3.	Sponsored by Ministry of Urban Development & Poverty Alleviation, New Delhi	Ministry of Urban Development New Delhi	Rs. 2000/ - PM Stipend+ Tuition Fees + Exam Fees + Contingency Rs. 5000/ -	For PG students in Environmental Engineering



For Ph.D. Scholars

S.No.	Name of Scholarship	Address	Amount	Conditions
1.	CSIR -UGC Fellowship	CSIR Complex PUSA New Delhi	JRF/SRF/RA+HRA	For Ph.D.
2.	Institute Fellowship JRF	Institute	Rs. 18000/-for first two years and Rs. 20000/- for next two years	For Ph.D.
3.	Scholarship to Sponsored Candidates QIP (Poly) Scheme Scholarship from AICTE New Delhi	Advisor All India Council of Technical Education Ports Complex IP Estate, New Delhi-110002	Rs. 9000/ - PM + Contingency Rs. 10000/ - PA	For Ph.D.
4.	TEQIP	TEQIP -II	Rs. 18000/- for first two years and Rs. 20000/- for next two years	For Ph.D.

Undergraduate Students

	Name of Scholarship	Address	Amount	Conditions
1.	Swami Sivananda memorial Scholarship	Divine Life Society, Shivanandanagar, Distt.-Tehri-Garhwal, Uttarkhand, Himalayas (India) -249192	Rs.12,00,000/- Corpus Fund	Need cum merit basis (One each I, II, III, IV years students Rs 24000/-)
2.	O.N.G.C. Dehradun for SC/ST	General Manager ONGC, Tel Bhavan Dehradun 248003	Rs. 12000/-	Merit ONGC finalizes the merit
3.	O.N.G.C Scholarship	Oil and Natural Gas Corporation Limited ONGC Academy, KDMIPE Campus, Dehra Dun-248195, India	Rs.60000/-each	(1) Chemical Engg. (2) Mechanical Engg.
4.	Central Sector Scholarship Scheme of Top Class Education for Schedule Caste (SC) students and Schedule Tribe (ST) Students	Ministry of social justice and Empowerment, govt. of India New Delhi Ministry of Tribal affairs (Education section) Govt. of India, New Delhi.	All non refundable fess, Lodging & boarding charges, stationery and latest Computer	Central Sector Scholarship Scheme of Top Class Education for 12 Schedule Caste (SC) students and 5 Schedule Tribe (ST) Students.



5.	Ram And Shanti Bhargava Memorial Award	Dr. Vijay Bhargava Dept.of Electrical and Computer Engg. University of Victoria P.O. Box 3055 STN, CSC, Victoria BC 3P6, Canada	Corpus Fund Rs. 200000/-	Merit cum means for Final Electronics students
6.	Raj & Sarla Bhargava Scholarship	Canada	Gold Medal	Best Student of the Institute
7.	Prof. S. K. Gupta Gold Medal	Alumni of MNITJ Mechanical branch Passed in 1994	Gold Medal	One of the pass out student of B. Tech. (Mechanical Engineering) every year
8.	National Handicapped Finance and Development Corporation (Ministry of social Justice & Empowerment, Govt. of India)	National Handicapped Finance and Development Corporation (Ministry of social Justice & Empowerment, Govt. of India) Red Cross Bhawan, Sector-12 Faridabad-121007	(I) Trust Fund (II) National Fund	Differently-abled Students
9.	Govt. of India Ministry of Steel Udyog Bhawan New Delhi-110011	Secretary SDF Managing Committee Ispat Niketan 52/1A Ballygunge Circular Road Kolkata-700019	Rs. 4000/-P.M.	Career in Ferrous metallurgy
10.	O. P. Jindal Engineering & Management Scholars	Jindal center, 12 Bhikaji Cama Place, New Delhi-110066	Rs. 65000/-P. A.	2 Toppers from each Batch (Civil, Elect., Mech., Metallurgy Engineering)
11.	NTPC Ltd. (A Govt. of India Enterprises)	NTPC Limited, NTPC Bhawan, Scope Complex Core-7, Institutional area, Lodi Road, New Delhi 110003	Rs. 1500/-P.M.	For SC/ST/PC Students
12.	Merit Cum Means based scholarship scheme belonging to the minority communities	Ministry of minority Affairs, Govt. of India CGO Complex Lodhi Road, New Delhi	Fees etc.	Minorities scholarship scheme belonging to the minorities communities
13.	National Talent Search Scholarship (NCERT)	National council of education research and training, Sri Aurobindo marg, New Delhi	Rs.-6000/-P.A	National Talent Student
14.	Indian Oil Scholarship (IOC)	ACE CONSULTANTSB-13, DSIDC Complex, Patparganj Industrial Area, Delhi-110092	Rs.-3000/-P.M	All Category



DEPARTMENT OF CHEMICAL ENGINEERING

S. No.	Respective State	Board of Higher Education/Board of Higher Secondary/Technical Education/State Govt./ Central Govt. Etc.
1.	Bihar	Post Metric Scholarship,
2.	Jharkhand	Post Metric Scholarship
3.	Orissa	Post Metric Scholarship
4.	Gujarat	Post Metric Scholarship
5.	Uttarakhand	Post Metric Scholarship
6.	Maharashtra	Post Metric Scholarship / National and State Merit Scholarship
7.	M. P.	Post Metric Scholarship, Bhopal, etc./ National Scholarship M.P.
8.	Goa	Post Metric Scholarship
9.	West Bengal	Post Metric Scholarship, Kolkatta
10.	U. P.	Post Metric Scholarship Lucknow
11.	Manipur	Post Metric Scholarship Imphal
12.	Punjab	Post Metric Scholarship
13.	J & K	Post Metric Scholarship
14.	Andman Nicobar	Post Metric Scholarship
15.	Kerala	Post Metric Scholarship Thiruvananthapuram
16.	Tripura	Post Metric Scholarship / State Merit Agartella
17.	Andhra Pradesh	Post Metric Scholarship Hyderabad
18.	Assam	Post Metric Scholarship/ Technical Engineering Merit Scholarship Khilapara, Guwhati
19.	Tamilnadu	Post Metric Scholarship / Adi Dravidar Tribal Welfare (Chennai)
20.	Haryana	Post Metric Scholarship
21.	Nagaland	Post Metric Scholarship Kohima
22.	Karnataka	Post Metric Scholarship Karnataka
23.	Himachal Pradesh	Post Metric Scholarship /Brilliance Merit
24.	Govt. of Rajasthan	Post Metric Scholarship Dy. Director Social Welfare Dept. SC/ST/OBC/SBC
25.	Govt. of Rajasthan	Physical Handicapped scholarship Social Welfare Dept.
26.	Meghalaya	State Merit Scholarship /North Eastern Council plan Shillong
27.	Chattisgarth	Technical Education Scholarship Raipur
28.	DRDT Jaipur	DRDT Jaipur Govt. of Rajasthan
29.	Rajasthan	Board of Secondary Education, Rajasthan Ajmer.
30.	NCT Of New Delhi	Merit Scholarship , Dept. For the Welfare of SC/ST/OBC/MIN.



11.12 Training and Placement Statistics

TRAINING:

Practical Training is an important part of any technical curriculum.

Summer Internship offers Students an Opportunity to work in a professional space, to acquaint themselves with the real world application of technologies they learn on the campus and to enhance their technical skills.

This exposure will help them to deliver their best when they join the industry as working professionals.

Main aim is to prepare young students to face challenges of industry when they step into the professional world. The Placement and Training Cell facilitates the practical training of students in Companies/Industries/Organizations of National and International repute. Some of the students also get Research Internship offers from Germany, Canada, UK, Singapore, South Korea, Finland etc. Number of students receiving international internship is increasing. Students also go for research projects as summer interns in IIT's, IISc, IIM's and CEERI Pilani.

In the Academic Session 2012-13, a few third year students are selected as interns in some reputed firms.

1. Infoedge chose 2 students (1 from Computer Engineering and 1 from Information Technology).
2. INTAP LABS selected 3 students (2 from Electronics & Communication Engineering and 2 from Computer Engineering).
3. 9 MNIT students have also been awarded "Working Internship in Science and Engineering (WISE) Scholarship" for summer internship during May-June-2013 by German Academic Exchange Programme (DAAD).

The Placement & Training Cell also organizes Expert Lectures to enlighten students

With technologies prevailing in the industry and to motivate them to face the challenges of the industry .

Salient Features of Placement Session 2012-13

- Highest Pay Package - Rs. 19.99 LPA to a MBA Student and Rs. 16 LPA by Microsoft IDC to 2 students of Computer Engineering

- Numbers of Companies Visited - 122
- Number of Students Placed - 561 (500 B.tech , 6 B.Arch, 46 M.Tech, 5 Msc, 4 MBA)
- Number of Students who have been placed with package more than 14 LPA - 9
- Number of Students who have been given Pre Placement Offers (PPOs) - 5
- No. of PSU's Visited - 7
- Among the placed students , more than 50% of students have been placed in Private Sector Companies offering Core Job profile
- No. of Students placed in PSUs - 24 (Results of 2 PSUs still awaited)
- Average Package of Placed Students (B.Tech) - 5.37 LPA
- CS students were offered the Highest Average Package - 7.04 LPA (for eligible students)
- Few students also got Pre Placement Offers (PPO). The details are as follows:
 1. Qualcomm offered PPO to 3 students with package of Rs. 15 LPA.
 2. Microsoft India (MSIDC) offered PPO to 1 student with package of Rs. 16 LPA.
 3. Microsoft India (MSIT) offered PPO to 1 student with package of Rs. 16 LPA

Major Companies Visited:

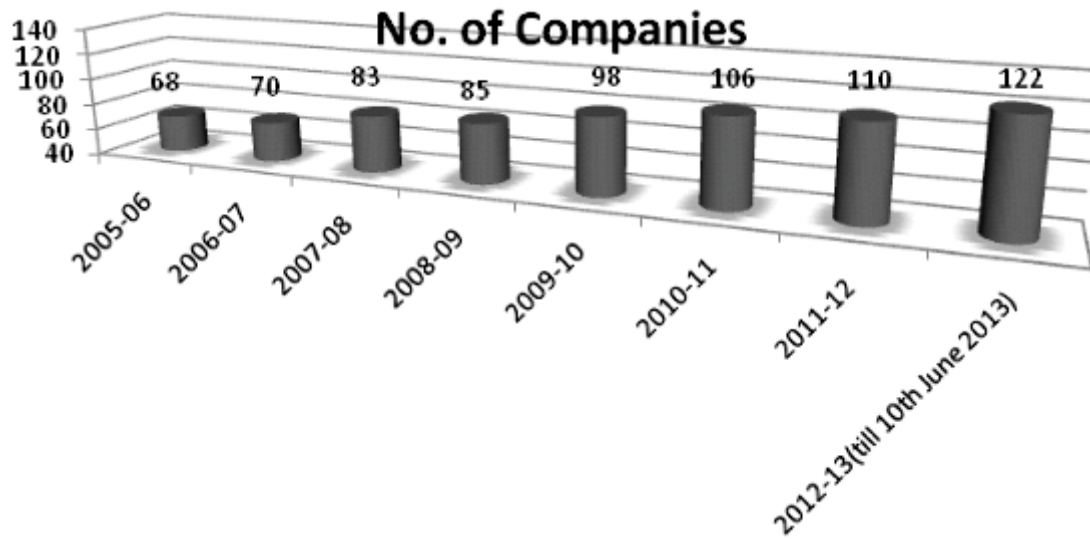
- Some of the prominent core private sector engineering companies which made offers to students this year are Microsoft India, Qualcomm, Adobe Systems, DE Shaw, ARM, Freescale, Finisar, SAP Labs, NetApp, Winshuttle, Deloitte, Samsung India, HPCL-Mittal Energy Limited (HMEL), Indian Navy, Tata Motors, Hero MotoCorp, Oracle, Applied Materials, ABB Limited , Cairn India, Reliance Industries Ltd., Lafarge Cements, Sony , FIAT Automobiles, Reliance Industries Limited .
- While ZS Associates, Futures First, Mu- Sigma, Accenture were among the consultant companies which recruited candidates irrespective of their branch.
- Under the Public Sector Undertaking 7 organisations which visited the institute this year are Indian Oil Corporation Ltd. (IOCL), Bharat Petroleum Corporation Ltd. (BPCL), Hindustan Petroleum Corporation Ltd. (HPCL), C-DOT (



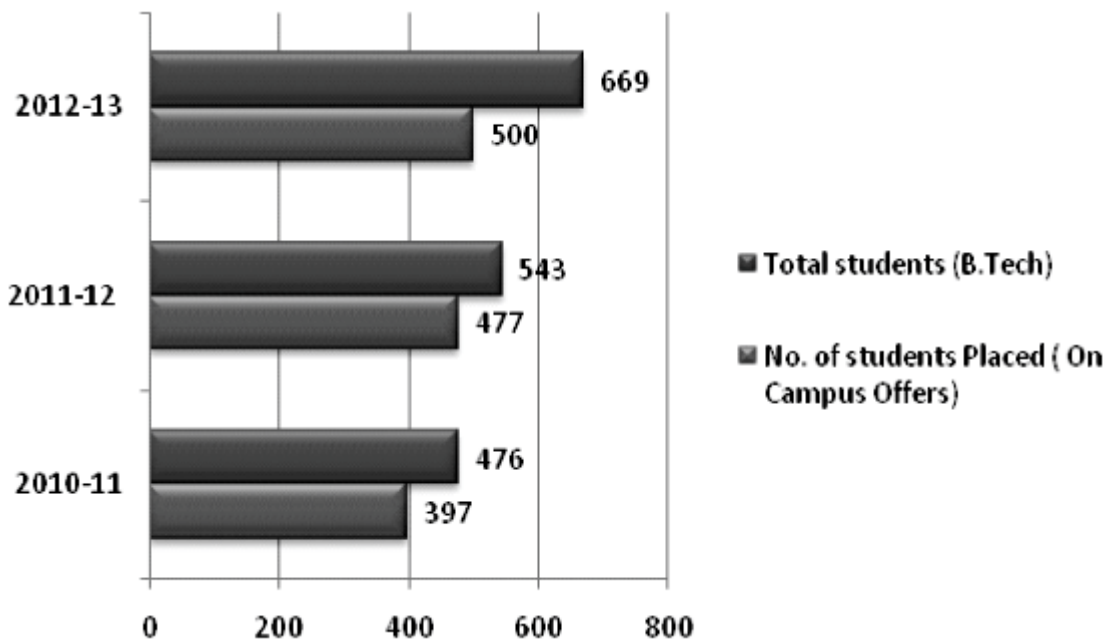
Centre for Development of Telematics) , WAPCOS, Rajasthan Electronics & Instruments Limited (REIL) Jaipur , Engineers India Limited (EIL).

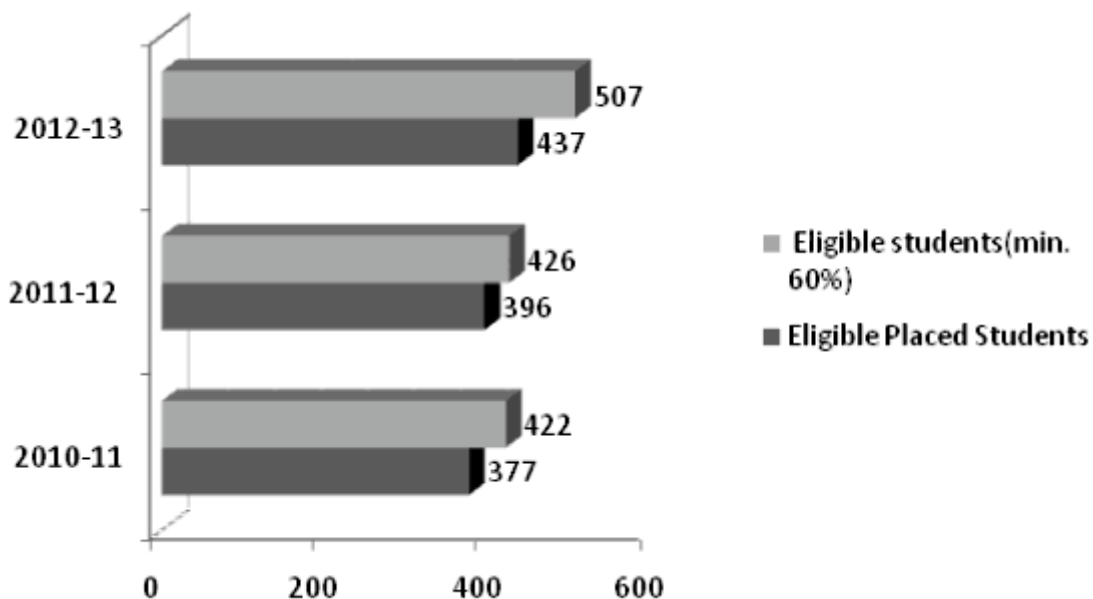
- Universities which recruited students for Teaching profile includes Mewar University, Manipal University , Sangam University , Pratap University.

DEMOGRAPHICS
Comparison with Previous Years

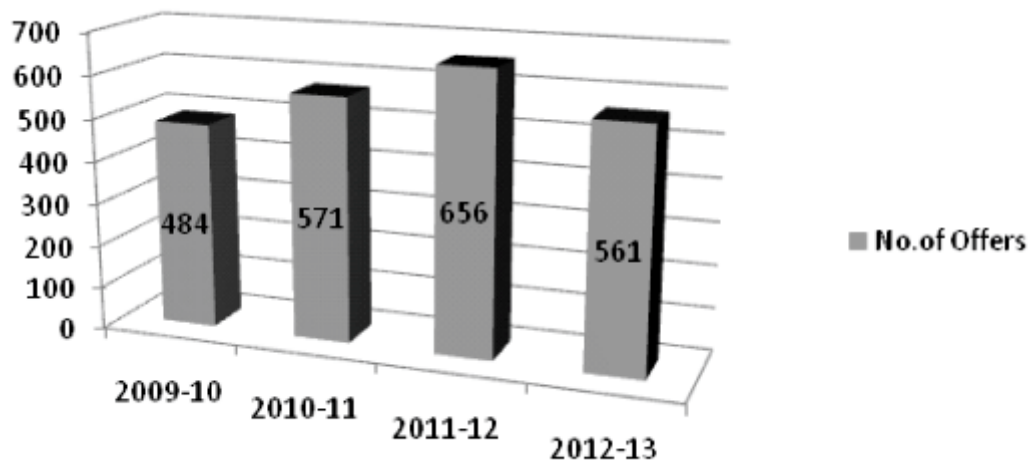


No. of Students Placed (On Campus offers)





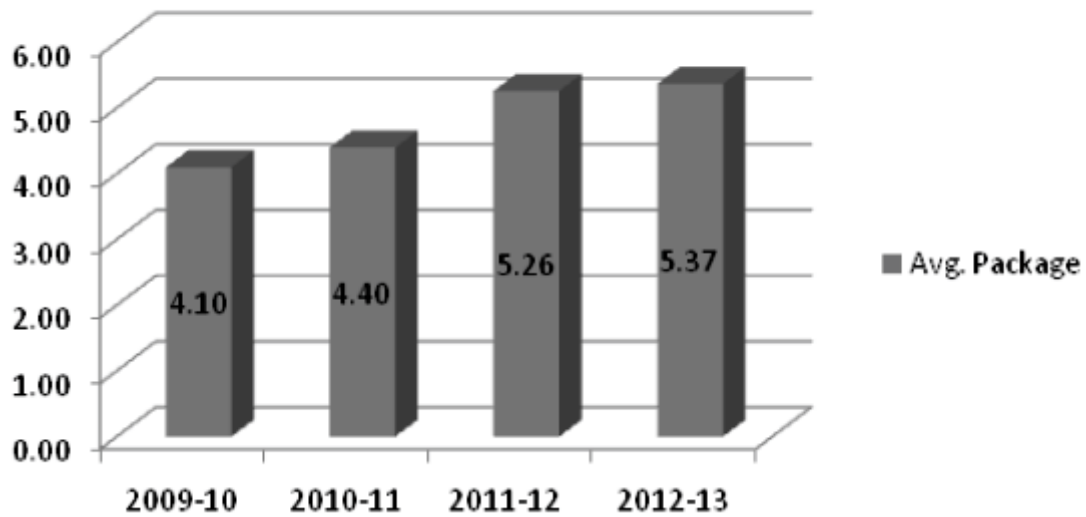
Number of Offers



**Note: No. Offers includes Offers to B.tech + M.Tech+ B.Arch+Msc+MBA+Double Offers
In Placement session 2012-13 Students were allowed to take only one On campus offer**

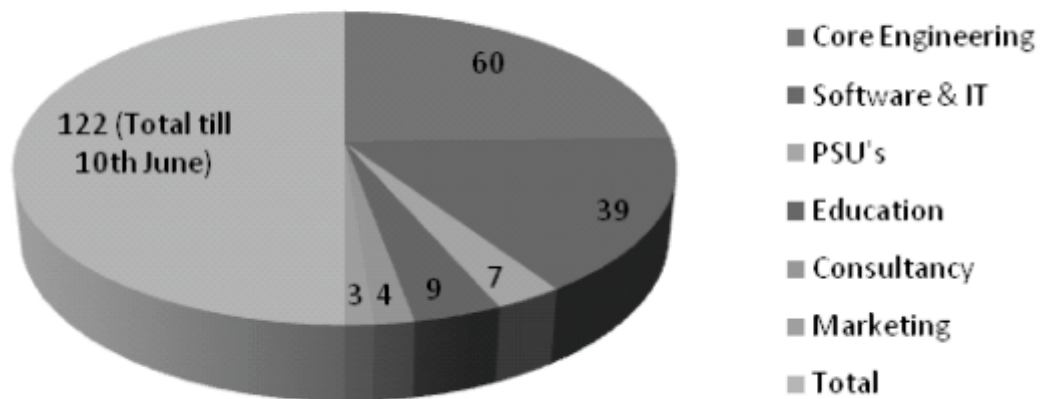


Avg. Package



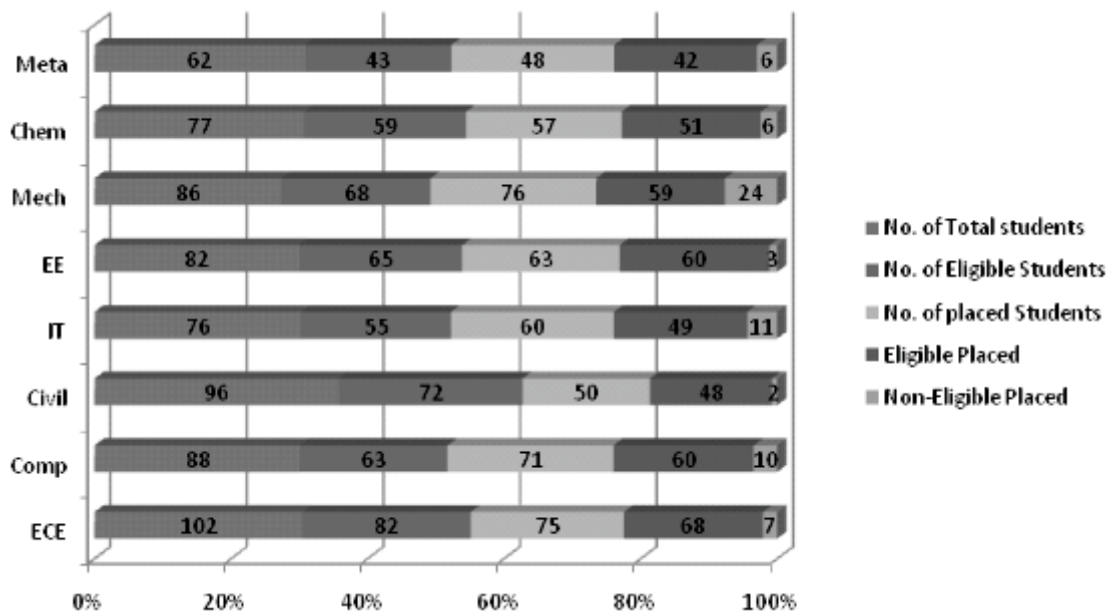
Demographics For Placement session 2012-13

Companies on Campus (2012-13)

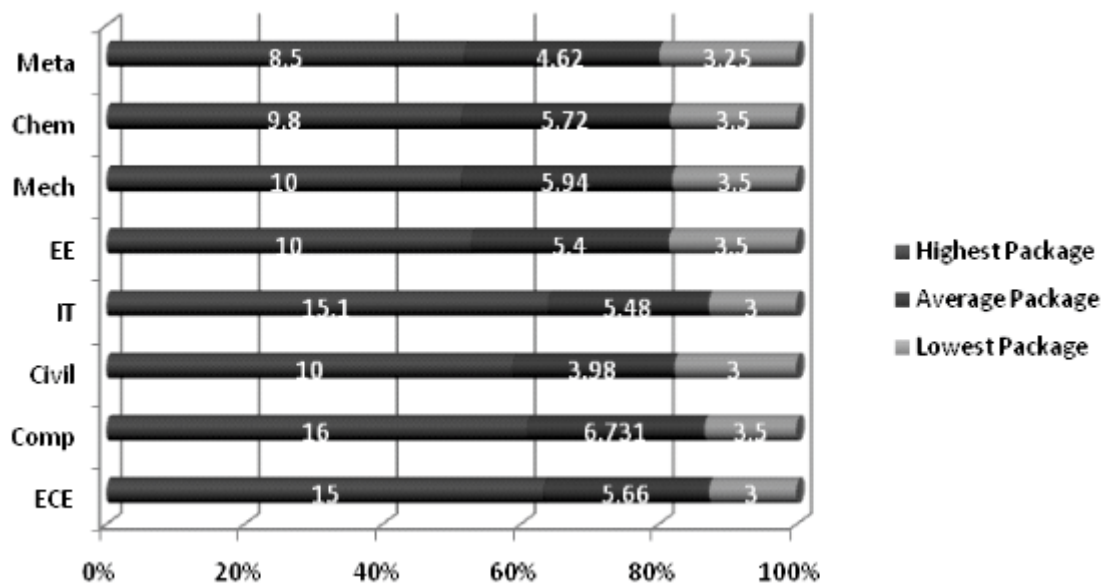




BRANCH- WISE PLACEMENT STATS (B.Tech)



Branch-wise Package Stats(B.tech)





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Part - 2

Annual Accounts



भारतीय लेखा तथा लेखा परीक्षा विभाग
कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय)
लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद, 380 009

INDIAN AUDIT & ACCOUNTS DEPARTMENT
Office of the Principal Director of Audit (Central)
Audit Bhavan, Navrangpura, Ahmedabad- 380 009

No. CRA-II(Exp.)/SAR/MNIT/2012-13/O.W. 145
Date : 27/05/2014

To,
The Secretary,
Government of India,
Ministry of Human Resources Development,
Department of Secondary & Higher Education,
New Delhi-110001

Sub : Revised Separate Audit Report on the accounts of Malaviya National Institute of Technology, Jaipur for the year 2012-13.

Sir,

1. Please find enclosed the Separate Audit Report on the accounts of Malaviya National Institute of Technology, Jaipur for the year 2012-13 along with copy of Annual Accounts.
2. The Audited accounts and Separate Audit Report required to be placed before the AGM of the Apex Governing Body of the Institute for consideration and adoption and resolutions passed thereon before these are sent by the Ministry for being placed before parliament.
3. The dates of presentation of Audited Accounts and Separate Audit Report before the Parliament may please be intimated. Five sets of printed documents (Audit Report, Annual Report & Audited Accounts) may also please be sent to this office.
4. Hindi version of the Separate Audit Report will be issued shortly.
5. Kindly acknowledge receipt of the documents.

Encl : As above

Yours sincerely,

Sd/-

Director/ITRA & CA (E)

Copy to :
Shri I.K. Bhatt,
Director, Malaviya National Institute of Technology,
JLN Marg, Jaipur- 302017 .

With the remarks to ensure that Audited Accounts and Revised Separate Audit Report is adopted/considered in the AGM of Institute's Apex Governing Body and resolution adopted/considered on the Audited Accounts and report thereon may be furnished to this office.

Encl :

1. A copy of Revised Separate Audit Report.

V. N. Kishore
Director/ITRA & CA (E)



Revised Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of Malaviya National Institute of Technology (MNIT), Jaipur for the year ended 31st March 2013

1. We have audited the attached Balance Sheet of the Malaviya National Institute of Technology (MNIT), Jaipur as at 31st March 2013, the Income and Expenditure Account and the Receipts and Payment Accounts for year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, powers & Conditions of Service) Act 1971. These financial statements are the responsibility of MNIT'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, disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and regularity) and efficiency-cum performance aspects etc., if any, are reported through inspection Reports/ CAG's Audit Reports separately.
3. We have conducted our audit in accordance with the 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 Receipt & Payment Account dealt with by this report have been drawn up in the format approved by Ministry of Finance.
 - iii. In our opinion, proper books of accounts and other relevant records have been maintained by the institute in so far as it appears from our examination of such books.
 - iv. We further report that :



Comments on Accounts

A. Balance Sheet

A.1 Liability 274.39 crore

A.1.1 Capital/ Corpus Fund (Schedule-1) ₹ 141.67 crore

- (i) Capital Fund includes full amount of surplus of Industrial Consultancy Cell ₹ 64.34 lakh which was to be credited 50% in Corpus Fund and 50% in Staff Development Fund as per Clause 6.19 of Rules & Guidelines for the project. This has resulted in over statement of capital fund up to the extent of ₹ 64.34 lakh, understatement of corpus fund up to the extent of ₹ 32.17 lakh, and understatement of Staff Development fund up to the extent of ₹ 32.17 lakh.

A.1.2 Endowment/ Earmarked Funds (Schedule 3) – ₹ 29.63 crore.

- (i) As per Guideline on implementation of Reforms under Technical Education Quality Improvement Program (TEQIP) 0.5% of total recurring expenditure of the institute is to be contributed in each fund every year. The aggregate recurring expenditure of the institute was ₹ 6765.16 lakh and 0.5% of this, amounting to ₹ 33.83 lakh was to be contributed to each of the above mentioned three funds. Which has not done.
- (ii) It does not include ₹ 341000 of delegation fee received in organizing workshops/seminars under TEQIP-II which should be credited to TEQIP-II. The delegation fee was impacted as accretion to Capital Fund A/c and the expenditure of organizing seminars was debited to TEQIP-II.

This misclassification of revenue receipt resulted in overstatement of Capital Fund by ₹ 341000 and under statement of TEQIP-II earmarked fund with the same amount.

- (iii) This includes amount of ₹ 292.55 lakh of three funds, namely (i) MNIT endowment fund by ₹ 60.93 lakh (ii) Student Endowments/ earmarked Fund (Gold medal and proctor Account Funds in operative) by ₹ 3.05 lakh and (iii) TEQIP IRG Fund by ₹ 228.57 lakh, being inoperative since 31-3-2009 or earlier. The institute may make effort to settle down funds.

A.2 Assets ₹ 274.39 crore

A.2.1 Fixed Assets (Schedule-8) ₹ 126.59 crore

Although note to accounts (Schedule 25) declared depreciation on Library Books as 100% but no depreciation was charged on same. This resulted in over statement of fixed assets by ₹ 84.79 lakh and understatement of deficit up to the same extent.



A.2.2 Current Assets, Loans & Advances- (Schedule-11) ₹ 38.42 Crore

Institute has issued 41 number of cheques amounting to ₹ 12.01 lakh for refund of fees. However, no accounting entry for the same was carried out. This has resulted into overstatement of Bank and Income by ₹ 12.01 lakh each.

B. Income & Expenditure Accounts

B-1.1 Establishment Expenses (Schedule-20) ₹ 48.60 crore

This does not include pension contribution ₹ 5.68 lakh and leave salary contribution ₹ 8.62 lakh recoverable from the Institutes where five Professors of the Institute are working on deputation/foreign services in other institutions. This has resulted in over statement of deficit up to the extent of ₹ 14.30 lakh and understatement of current assets up to the same extent.

B-1.2 Administrative Expenses (Schedule-21) ₹ 19.05 crore

This includes internet lease line charges ₹ 10.29 lakh paid to BSNL for the period from 02.04.2013 to 04.07.2013. This expenditure is pertaining to financial year 2013-14, which was to be book in prepaid expenses under current assets. This incorrect accounting has resulted in overstatement of deficit upto the extent of ₹ 10.29 lakh and understatement of current assets (prepaid expenses) to the same extent.

C. General

The institute keeps separate sets of books for Centralized Counseling for M. Tech (CCMT) activity. However, at the time of consolidation of accounts the institute omitted to incorporate balances of Centralized Counseling for M. Tech (CCMT) activity in consolidated Final Accounts.

This omission has resulted in understatement of current assets loans and advances for ₹ 233.57 lakh, Fixed Assets for ₹ 3.01 lakh, Current Liabilities for ₹ 25.42 lakh and over statement of deficit up to the extent of ₹ 211.16 lakh.

D. Effect of Audit Comments on accounts

The net impact of comments given in preceding paras is that as on 31st March, 2013 the Assets were understated by ₹ 164.37 lakh, Liabilities understated by ₹ 25.42 lakh and deficit overstated by ₹ 138.95 lakh.

E. Grant-in-aid

During the year 2012-13 the MNIT received grant-in-aid of ₹ 86.92 crore (Plan ₹ 54.92 crore and Non-plan ₹ 32.00 crore (₹ 78.94 crore received in March)) from Government of India. Balance of unspent grant of ₹ 20.78 crore (plan ₹ 15.71 crore and Non-plan ₹ 5.07 crore) was available in the beginning of the year. It earned income ₹ 19.24 crore (plan ₹ 0.64 crore and Non-Plan



₹ 18.60 crore) during the year. The institute could utilized a sum of ₹ 88.25 crore (Plan ₹ 39.14 crore and Non-Plan ₹ 49.11 crore) leaving a balance of ₹ 38.96 crore (Plan ₹ 32.40 crore and Non-Plan ₹ 6.56 crore) as on 31st March, 2013.

F. Management letter

Deficiencies, which have not been included in the Separate Audit Report, have been brought to the notice of the Management through a management letter issued separately for remedial/corrective action.

- I. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.
- II. in our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters, stated above and other matters mentioned in Annexure to this Separate 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 Malaviya National Institute of Technology, Jaipur as at 31st March, 2013 and
 - b. In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

For and on behalf of the C & A G of India

Principal Director of Audit (Central)

Place :

Date :

Ahmedabad



Annexure

1. Adequacy of Internal Audit System

- (i) Internal audit has been conducted up to 2011-12.

2. Adequacy of Internal Control System

Internal control system in MNIT revealed following deficiencies-

- (i) Institute is not maintaining journal proper. Subsidiary records of library books, plant and machineries were also not reconciled.
- (ii) No accounting manual has been prepared and accounts heads were not coded.
- (iii) Fixed Assets Register was not furnished to Audit.
- (iv) Physical/Financial progress report regarding works is not being maintained.

3. Physical verification of Fixed Assets

Physical verification of assets was not conducted from 2007-08.

4. Physical verification of Stores

Physical verification of Stores was not conducted from 2007-08.

5. Regularity in payment of statutory due

Statutory dues were being deposited by the institute on regular basis. A notice was received from Cess Assessment Officer under the Building and other construction workers welfare Cess Act, 1996 to deposit Cess amount. Neither the amount deposited nor a note on the matter has been mentioned in notes on accounts.

Sr. Audit Officer/CA(E)



Statement of Net Effect of Audit

(Rs. In lakh)

Comments	Liabilities		Assets		Deficits	
	Overstated	Understated	Overstated	Understated	Overstated	Understated
A-1.1(i)	64.34	64.34	-	-	-	-
A.1.2(ii)	3.41	3.41	-	-	-	-
(iii)	292.55	292.55	-	-	-	-
A.2.1	-	-	84.79	-	-	84.79
A.2.2	-	-	12.01	-	-	12.01
B.1.1	-	-	-	14.30	14.30	-
B.1.2	-	-	-	10.29	10.29	-
C	-	25.42	-	236.58	211.16	-
Total	360.30	385.72	96.80	261.17	235.75	96.80

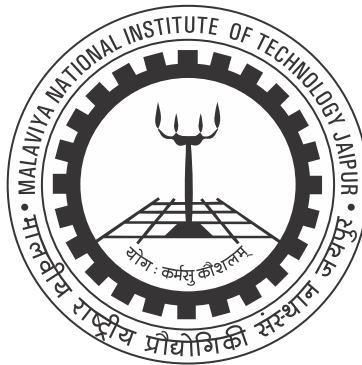
Liabilities understated ₹ 25.42 lakh
Assets understated ₹ 164.37 lakh
Deficit overstated ₹ 138.95 lakh

Sr. Audit Officer/CA/(E)



Balance Sheet

Receipt & Payment Account & Income & Expenditure Account for the year ended 31st March, 2013



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
JAIPUR - 302017**



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2012-13

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Balance Sheet 2012-13

Balance Sheet as on 31st March 2013

(Amount in ₹)

Particulars	Schedule	Figures as on 31.03.2013	Figures as on 31.03.2012
<u>Corpus/ Capital Fund and Liability</u>			
Capital Fund	1	1416733552.00	1191270919.00
Reserve and Surplus	2	214124.00	214124.00
Provident/ Endowment/ Earmarked Funds	3	296259347.00	283731376.00
Secured Loans & Borrowings	4	0.00	0.00
Unsecured Loans & borrowings	5	7530392.00	7530392.00
Deferred Credit Liabilities	6	0.00	0.00
Current Liabilities & Provisions	7	1023203946.00	708994989.00
		2743941361.00	2191741800.00
<u>Assets</u>			
Fixed Assets	8	1265991261.00	1091069221.00
Investments – Provident/ Endowment Funds	9	196728533.00	187366952.00
Investments – Others	10	897066155.00	585506940.00
Current Assets, Loans & Advances, Misc. Expenditure	11	384155412.00	327798687.00
		2743941361.00	2191741800.00

Dy. Registrar (A/c)

Registrar

Director



Income & Expenditure A/C for the year ending on 31.03.2013

Particulars	Schedule	(Amount in ₹)	
		Figures as on 31.03.2013	Figures as on 31.03.2012
Income			
Income from Sales and Services	12	43925389.00	250118.00
Sharable Grant (Government of India)	13	394629958.00	300068794.00
Students Fees	14	201046414.00	165939868.00
Income from Investments	15	0.00	0.00
Income from Royalty, Publication etc.	16	0.00	0.00
Interest	17	57221868.00	46809967.00
Other Income	18	22047793.00	24100208.00
Increase/Decrease in Stock of Fixed Goods and Working Progress	19	0.00	0.00
		718871422.00	537168955.00
Expenditure			
Establishment Expenses	20	486021954.00	364989691.00
Other Administrative Expenses	21	190494472.00	218538066.00
Expenses Grants/Subsidies	22	0.00	1796584.00
Interest	23	0.00	0.00
Depreciation	-	132211287.00	76745696.00
		808727713.00	662070037.00
Surplus/Deficit during the year		(-) 89856291.00	(-) 124901082.00
Significant Accounting Policies Contingent Liabilities	24		
Notes on Accounts	25		

Dy. Registrar (A/c)

Registrar

Director

**Schedule – 1 Corpus/Capital Fund****A. Capital Fund**

Particulars	(Amount in ₹)	
	Current Year	Previous Year
Balance as at the beginning of the year	1070155779.05	951430856.05
Add : Contributions towards Capital Fund		
Capital Grant	295991563.00	241286581.00
Add/(Deduct) : Balance of net income/(expenditure) transferred from the Income and Expenditure Account		
Capitalized out of Recurring Grant/Expenses	12997165.00	2339424.00
Deduction	-1855402.00	0.00
Deficit During the year	-89856291.00	-124901082.00
Total	1287432814.05	1070155779.05

B. Corpus Fund

Particulars	(Amount in ₹)	
	Current Year	Previous Year
Balance as at the beginning of the year	121115140.00	0.00
Add : Addition during the year	11587015.26	123867225.00
Less : Capital Expenditure during the year	3401417.00	2752085.00
Total	129300738.26	121115140.00
TOTAL (A + B)	1416733552.31	1191270919.05

Dy. Registrar (A/c)**Registrar**



Schedule – 2 Reserve & Surplus

Particulars	(Amount in ₹)	
	Current Year	Previous Year
1. Capital Reserve		
As per last Account	0.00	0.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
2. Revaluation Reserve		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
3. Special Reserves		
As per last Account	0.00	0.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
4. General Reserve		
(A) Institute Infrastructure Fund		
As per last Account	119048.89	119048.89
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
Total (A)	119048.89	119048.89
(B) ME Part Time		
As per last Account	95075.00	95075.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
Total (B)	95075.00	95075.00
Total General Reserve (A + B)	214123.89	214123.89
Total Reserve and Surplus	214123.89	214123.89

Dy. Registrar (A/c)

Registrar



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2012-13

Schedule - 3 Provident / Endowment/ Earmarked Funds

A. Provident Fund (PF Trust) :-

Particulars of Funds	Balance as on		Contribution Received	Interest	Payable to Institute	Final Payment	Balance as on 31.03.2013
	01.04.2012	31.03.2012					
P.F. Deposits	186014861.81	16999779.00	14152948.15	1000000.00	22910947.00	195256641.96	
Total -I	186014861.81	16999779.00	14152948.15	1000000.00	22910947.00	195256641.96	

II : Pension Deposits

Particulars of Funds	Balance as on		Interest	Loan Refunded	Transferred to Institute A/c	Balance as on 31.03.2013
	01.04.2012	31.03.2012				
Pension Deposits	7916.00	712.00	712.00	0.00	0.00	8628.00
Total -II	7916.00	712.00	712.00	0.00	0.00	8628.00
Total A (I + II)	186022777.81					195265269.96

B. MNIT Endowment Fund

Balance as on 01.04.2012	Addition during the year	Utilized during the year	Balance as on 31.03.2013
4748683.06	1344237.00	0.00	6092920.06



C. Earmarked Funds :-

I Research Development Fund :-

Particulars of Funds	Balance as on 01.04.2012	Grant Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Structural Engg. Deptt.	5908405.29	0.00	227549.00	0.00	0.00	6135954.29
Met. Engg. Deptt.	232710.41	0.00	0.00	0.00	0.00	232710.41
Civil Engg. Deptt.	1651867.20	0.00	967536.00	0.00	0.00	2619403.20
Elect. Engg. Deptt.	38583.75	0.00	0.00	0.00	0.00	38583.75
General	655535.88	0.00	913239.20	0.00	400000.00	1168775.08
ECE Engg. Deptt.	156840.00	0.00	39119.00	0.00	0.00	195959.00
Chemical Engg. Deptt.	2500.00	0.00	0.00	0.00	0.00	2500.00
Mech. Engg. Deptt.	31865.00	0.00	22957.00	0.00	0.00	54822.00
Computer Engg. Deptt.	493741.00	0.00	0.00	0.00	200000.00	293741.00
Total - I	9172048.53	0.00	2170400.20	0.00	600000.00	10742448.73

II Emeritus Fellowship (Government of India)

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Dr. S.K. Bhatnagar	25812.00	0.00	0.00	0.00	0.00	25812.00
Total - II	25812.00	0.00	0.00	0.00	0.00	25812.00



III Career Award Scheme to Young Teachers

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Dr. Rohit Goyal	224065.50	0.00	0.00	0.00	0.00	224065.50
Sh. Manoj Fozdar	-36384.00	0.00	0.00	0.00	0.00	-36384.00
Dr. Vijay Janyani	284266.00	0.00	0.00	0.00	0.00	284266.00
Sh. Rajesh Kumar	-18932.00	0.00	0.00	0.00	0.00	-18932.00
Total III	453015.50	0.00	0.00	0.00	0.00	453015.50

IV New PG Courses Fringed Balance

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Balance B/F	205297.25	0.00	0.00	0.00	0.00	205297.25
Total IV	205297.25	0.00	0.00	0.00	0.00	205297.25

V Bikaner Engineering College

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
As per Last B/S	100000.00	0.00	0.00	0.00	0.00	100000.00
Total V	100000.00	0.00	0.00	0.00	0.00	100000.00

VI VLSI Project (II Phase)

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Trans. to R & C Fund	Balance as on 31.03.2013
Balance B/F	230460.00	900000.00	0.00	0.00	603227.00	527233.00	0.00
Total VI	230460.00	900000.00	0.00	0.00	603227.00	527233.00	0.00



VII Special Training Programme for SC/ST Students

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
	3593319.00	0.00	0.00	0.00	0.00	3593319.00
Total VII	3593319.00	0.00	0.00	0.00	0.00	3593319.00
Total C (I to VII)	13779952.28					15119892.48

D. Student Fund Endowment / Earmarked Funds

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
BKS Mathur Gold Medal	13008.38	0.00	0.00	0.00	0.00	13008.38
Book Bank SC/ST	49357.00	0.00	0.00	36191.00	0.00	13166.00
Gold Medal (Civil)	5000.00	0.00	0.00	0.00	0.00	5000.00
Proctor Account	287555.00	0.00	0.00	0.00	0.00	287555.00
Staff Welfare Fund	3964283.44	0.00	600548.23	0.00	64762.00	4500069.67
TOTAL (D)	4319203.82	0.00	600548.23	36191.00	64762.00	4818799.05

E. Staff Development Fund

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Staff Development Fund	45602612.00	0.00	153706.00	0.00	0.00	45756318.00
TOTAL (E)	45602612.00	0.00	153706.00	0.00	0.00	45756318.00

F. Maintenance Fund

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Maintenance Fund	3174369.00	0.00	0.00	0.00	0.00	3174369.00
TOTAL (F)	3174369.00	0.00	0.00	0.00	0.00	3174369.00



G. Depreciation Fund

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
Depreciation Fund	3174369.00	0.00	0.00	0.00	0.00	3174369.00
TOTAL (F)	3174369.00	0.00	0.00	0.00	0.00	3174369.00

H. TEQIP IRG Fund

Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
TEQIP IRG Fund	22909409.00	0.00	0.00	0.00	52000.00	22857409.00
TOTAL (F)	22909409.00	0.00	0.00	0.00	52000.00	22857409.00
Total of Schedule No. 3 (A+B+C+D+E +F+G+H)	283731375.97					296259346.55

Dy. Registrar (A/c)

Registrar



Schedule –4 Secured Loans & Borrowings

Particular	Amount in ₹	
	Current Year	Previous Year
Secured Loans & Borrowings	0.00	0.00

Schedule– 5 Unsecured Loans & Borrowings

Particular	Amount in ₹	
	Current Year	Previous Year
Interest Free Loan for Construction of Hostel Building (From GOI)	6050084.83	6050084.83
Loan for Construction of Staff Quarters (From GOI)	1480307.00	1480307.00
Total	7530391.83	7530391.83

Schedule- 6 Deferred Credit Liabilities

Particular	Amount in ₹	
	Current Year	Previous Year
Deferred Credit Liabilities	0.00	0.00

Dy. Registrar (A/c)

Registrar



Schedule 7 : Current Liabilities & Provisions

I (A) Unspent Balance as on 31.03.2013 (Plan Grant Government of India)

Particulars	Balance as on 01.04.2012	Grant Received/ Re-appropriation	Income	Utilization		Balance as on 31.03.2013
				Other	Capital	
Composite Campus Renovation				27392099.00	3677613.00	
Equipments				168681.00	30343224.00	
Furniture & Fixture including Hostel				815497.00	9573640.00	
Construction of Women & Men Hostel					17782339.00	
Computer & Peripherals					47755975.00	
Construction of First Floor in Design Centre					40674985.00	
Construction of Lecture Hall Theatre			1346586.00		90849164.00	
NIT Transit House, New Delhi						
Construction of Pre Engineering Steel					30266663.00	
Library Books					3118836.00	
Research Scholarship				12167339		
M.Tech. Scholarship		430005000.00		30706380.00		
Solar Photovoltaic System				89573.00		
Construction of First Floor of Guest House No. 1					2138431.00	
Guest Faculty				-1232517.00		
TOTAL (A)	108994760.20	430005000.00	1346586.00	70107052.00	276180870.00	194058424.20

(B) Projects Grants (Institute Fund)

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Tr. to R&C/ CBERD Fund	Balance as on 31.03.2013
				Other	Capital		
Instrumentation	3828.60	0.00	0.00	0.00	0.00	3828.60	0.00
Increase of Intake Capacity	89715.07	0.00	0.00	0.00	0.00	89715.07	0.00
Infra. grant of Imp. in Dev. of Economy	17500.00	0.00	0.00	0.00	0.00	17500.00	0.00
Development of Chemical reaction Lab.	93000.00	0.00	0.00	0.00	0.00	93000.00	0.00
Mod. of Lab. & Removal of Obsolesce (Struct.)	82903.60	0.00	0.00	0.00	0.00	82903.60	0.00
Development in the area of Telematics	800.00	0.00	0.00	0.00	0.00	800.00	0.00
Modernization of Elect. Workshop	129916.00	0.00	0.00	0.00	0.00	129916.00	0.00
Development ALB for Adv. Casting by Plasama & Leser Techniques	960662.19	0.00	0.00	0.00	0.00	960662.19	0.00
TOTAL C/F	1378325.46	0.00	0.00	0.00	0.00	1378325.46	0.00

Balance Sheet 2012-13



	Balance as on 01.04.2012	Grant Received	Income	Utilization		Tr. to R&C/ CBERD Fund	Balance as on 31.03.2013
				Other	Capital		
TOTAL B/F	1378325.46	0.00	0.00	0.00	0.00	1378325.46	0.00
Investigation and Combustion's and per. Optim. of dual fuel engine Bio-gas & Diesel.	647.31	0.00	74.00	0.00	0.00	721.31	0.00
Security evaluation of Prevention Control of Modern Power System.	149302.00	0.00	0.00	0.00	0.00	149302.00	0.00
Chemical Reaction lab.	48038.72	0.00	1343.00	0.00	0.00	49381.72	0.00
Rehabilitation concepts for sustainable development of urban poor.	594827.00	0.00	0.00	0.00	0.00	594827.00	0.00
Cross plat. gamma and colour collection with loss-less image transmission	38917.00	0.00	1833.00	0.00	0.00	40750.00	0.00
Setting up a digital photo typing center for product development	688317.00	0.00	13025.00	0.00	0.00	701342.00	0.00
Synthesis of PMMA	677592.80	0.00	18496.00	0.00	0.00	696088.80	0.00
Water Harvesting Technology for Rainfed Crops in Drought-Prone Areas of Rajasthan	1385651.00	0.00	28561.00	0.00	0.00	1414212.00	0.00
Modernisation of Digital Electronics and Micro Processor Lab.	979491.00	0.00	20189.00	0.00	0.00	999680.00	0.00
Universal application Protocol for TCP/IP Network	1701721.30	0.00	46451.00	0.00	0.00	1748172.30	0.00
Dev. of Hybrid Waste disposal system thorough recycling and Sanitary Land filling for solid waste of College Campus	719896.00	0.00	19650.00	101752.00	440430.00	197364.00	0.00
Shake table test setup for Dynamic Testing	1588607.30	0.00	43369.00	0.00	0.00	1631976.30	0.00
Enhancement of Computer facilities of Department of Architecture	1570820.00	0.00	42877.00	0.00	0.00	1613697.00	0.00
Modernization of Electro Metallurgy & Corrosion Lab.	164786.30	0.00	4498.00	0.00	0.00	169284.30	0.00
Development of E Management Lab.	894316.30	0.00	24412.00	0.00	0.00	918728.30	0.00
Deve. of Comp. Aided Engg. Drawing Lab.	1284971.30	0.00	35075.00	0.00	0.00	1320046.30	0.00
Hardware Dev. for Single Phase to Three Phase Cyclo-converter fed Cage Ind. Motor Drive	785410.00	0.00	21439.00	0.00	0.00	806849.00	0.00
Design and Development of WCDMA for 3 G Mobile Network	235275.30	0.00	6431.00	0.00	0.00	241706.30	0.00
TOTAL C/F	14886913.09	0.00	327723.00	101752.00	440430.00	14672454.09	0.00



	Balance as on	Grant Received	Income	Utilization		Tr. to R&C/ CBERD Fund	Balance as on 31.03.2013
	01.04.2012			Other	Capital		
TOTAL B/F	14886913.09	0.00	327723.00	101752.00	440430.00	14672454.09	0.00
Synthesis and Reduced Order Modeling of Interconnects for Deep Submicrons Custom Integrated Circuits and FPGAs	348941.70	0.00	9286.00	0.00	0.00	358226.70	1.00
Development of Efficient Turbo Codes for 3G/4G Mobile	1012707.00	0.00	27643.00	0.00	0.00	1040350.00	0.00
Computer Controlled Cyclo Converter (Half & Full Wave) Fed Cage Induction Motor Drive	1166509.00	0.00	33600.00	0.00	0.00	1200109.00	0.00
Information Security Education and Awareness	1083084.00	100000.00	0.00	1231888.00	0.00	-48804.00	0.00
Information Security Education and Awareness (Scholarship)	354642.00	0.00	0.00	216858.00	0.00	137784.00	0.00
NCP (Monitoring and Characterization of Reg. Purable Human Health)	307947.00	0.00	0.00	0.00	0.00	307947.00	0.00
NCP (Synthesis and Characterization of Plasma Sprayed Ceramic Coating)	2056304.00	0.00	0.00	0.00	0.00	2056304.00	0.00
Integrated Dev. of Public Transport System	180523.00	0.00	0.00	0.00	0.00	180523.00	0.00
Design and Development of Low Cost Solar Refrigeration System for Rural Area	10650.00	0.00	0.00	0.00	0.00	10650.00	0.00
Synthesis and Characterization of Nano Crystalline Ni-P Coating in Aluminium	7823.00	11000.00	0.00	0.00	0.00	18823.00	0.00
Perf. Evaluation in Inter. Brick/Block Masonry	29830.00	0.00	0.00	0.00	0.00	29830.00	0.00
Development of a Highly Efficient Procedure and Graphical user interface equipped Software	257227.00	0.00	0.00	19526.00	0.00	237701.00	0.00
Cognitive Analysis Tools for Digital Forensics	76327.00	0.00	0.00	76327.00	0.00	0.00	0.00
MBA Technology Management (UKIERI)	946579.00	0.00	0.00	0.00	0.00	946579.00	0.00
Design Development and Ergonomic Analysis of Blue Pottery Manufacturing System	301891.00	0.00	0.00	274820.00	0.00	27071.00	0.00
Design & Simulation of Tunable Photonic Crystal Structure for Novel All Optical App.	27068.00	358000.00	0.00	212855.00	41800.00	130413.00	0.00
Multi Processor Electronic Design Automation (UKIERI)	16227.00	0.00	0.00	16227.00	0.00	0.00	0.00
Investigation of Heat transfer Boiling Water	126036.00	0.00	0.00	141036.00	0.00	0.00	-15000.00
TOTAL C/F	23197228.79	469000.00	398252.00	2291289.00	482230.00	21305960.79	-14999.00

Balance Sheet 2012-13



	Balance as on 01.04.2012	Grant Received	Income	Utilization		Tr. to R&C/ CBERD Fund	Balance as on 31.03.2013
				Other	Capital		
TOTAL B/F	23197228.79	469000.00	398252.00	2291289.00	482230.00	21305960.79	-14999.00
Development of Multi Agent Based System for Dynamic Multi Project Scheduling	198685.00	0.00	0.00	0.00	0.00	198685.00	0.00
Development of Novel Environment Friendly Reasonable and Stable Pd(U) and CVI	160372.00	600000.00	0.00	694329.00	0.00	66043.00	0.00
Durability of Concrete Containing Zinc slag as partial replacement of sand	17574.00	610000.00	0.00	529309.00	0.00	198265.00	-100000.00
SnO2 based Microwave sintered combustible Gas sensor study of Grain size effect in enhancing the gas sensing behaviour	594773.00	380025.00	0.00	281542.00	245214.00	448042.00	0.00
Development of National Transmission Network Terrif Frame Work	297776.00	0.00	0.00	56000.00	89950.00	151826.00	0.00
Synthesis of Heteroconjugates as Possible Drug Candidates Using Click Chemistry Approach	292772.00	436400.00	0.00	216379.00	0.00	76393.00	436400.00
Monitoring of Groundwater Contamination in Industrial Area of Sanganer Town by Using Animal Models (Fish & Swiss Albino Mice) and its Mitigation at Household Level	258000.00	0.00	0.00	0.00	0.00	258000.00	0.00
Development of Techniques for Metamorphic Malware Detection and Analysis	404800.00	0.00	0.00	26610.00	0.00	378190.00	0.00
Experimental and Analytical Studies for the Short and Long Term Behaviour of Epoxy Bonded Steel-concrete Composite Bridges Capacity Building in Renewals Energy	1200000.00	0.00	0.00	0.00	44460.00	1200000.00	-44460.00
Installation of Solar Water Heating Systems at Various Locations in the Institute UKIERI	3000000.00	0.00	0.00	0.00	889135.00	2110865.00	0.00
R & D Project Cool Roof Monitoring	1000000.00	0.00	0.00	0.00	1000000.00	0.00	0.00
Virtual Class Room	990150.00	396060.00	0.00	0.00	0.00	1386210.00	0.00
Utilisation of Marble Stone Compiling	72000.00	0.00	0.00	48750.00	0.00	23250.00	0.00
Assessment of Climate Change	-512342.00	829780.00	0.00	317438.00	0.00	-579890.00	579890.00
Study of Met Aspects of Nitronic Steel	-35928.00	400000.00	0.00	134913.00	0.00	229159.00	0.00
	0.00	360000.00	0.00	11909.00	259340.00	88751.00	0.00
	0.00	2340000.00	0.00	27353.00	0.00	2312647.00	0.00
TOTAL C/F	31135860.79	6821265.00	398252.00	4635821.00	2010329.00	30852396.79	856831.00



	Balance as on 01.04.2012	Grant Received	Income	Utilization		Tr. to R&C/ CBERD Fund	Balance as on 31.03.2013
				Other	Capital		
TOTAL B/F	31135860.79	6821265.00	398252.00	4635821.00	2010329.00	30852396.79	856831.00
On Chip Network Simulation Plantform System	0.00	1200000.00	0.00	73035.00	99800.00	1027165.00	0.00
Development of a Solar Energy Based	0.00	766800.00	0.00	0.00	0.00	766800.00	0.00
Membranic Drinking Water Application in Raj.							
Study of Urban Heat Island of Indian Cities and	0.00	1130000.00	0.00	0.00	0.00	1130000.00	0.00
Development of ANN Model for Scientific							
Planning to Control Urban Heat Island Effect							
Inspired Faculty Award – Kamleendra Awasthi	0.00	1900000.00	0.00	557333.00	0.00	622667.00	720000.00
DST Project Studies of Thumba (Citrullus	0.00	2600000.00	0.00	0.00	0.00	0.00	2600000.00
Colocynthis) Seed Oil on Engine Performance,							
Combustion and Exhaust Emission							
Characteristic (Non Recurring)	0.00	500000.00	0.00	0.00	0.00	0.00	500000.00
DST Project Studies of Thumba (Citrullus							
Colocynthis) Seed Oil on Engine Performance,							
Combustion and Exhaust Emission							
Characteristic (Recurring)	0.00	600000.00	0.00	0.00	0.00	0.00	600000.00
Economically and Socially Effect Network							
Prizing for Sanitary							
CBERD Project	0.00	11876000.00	0.00	0.00	0.00	9100000.00	2776000.00
IAMR	0.00	352284.00	0.00	0.00	0.00	0.00	352284.00
Steel Development Fund	0.00	1830000.00	0.00	1602827.00	0.00	0.00	227173.00
UKIERI	0.00	393600.00	0.00	0.00	0.00	0.00	393600.00
DST Project	0.00	759840.00	0.00	0.00	0.00	0.00	759840.00
TOTAL (B)	31135860.79	30729789.00	398252.00	6869016.00	2110129.00	43499028.79	9785728.00

(C) Projects of R & C Fund

	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization		Balance as on 31.03.2013
					Other	Capital	
Assesment of climate changes and its impact on urban hydrology	88751.00	0.00	1907.00	0.00	2574.00	0.00	88084.00
Capacity building in renewals energy	2110865.00	2000000.00	34931.00	0.00	43132.00	2674240.00	1428424.00
Chemical reaction lab	49381.72	0.00	1093.00	0.00	0.00	0.00	50474.72
TOTAL C/F	2248997.72	2000000.00	37931.00	0.00	45706.00	2674240.00	1566982.72

Balance Sheet 2012-13



	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization		Balance as on 31.03.2013
					Other	Capital	
TOTAL B/F	2248997.72	2000000.00	37931.00	0.00	45706.00	2674240.00	1566982.72
computer controlled cyclo convertor (half and full) fed cage induction motor drive	1200109.30	0.00	26563.00	0.00	0.00	0.00	1226672.30
Cross plat. Gamma and colour collection with loss less image transmission	40750.00	0.00	1009.00	0.00	0.00	0.00	41759.00
CSIR Fellowship (Scholarship) :							
A) Kriti Bhandari	0.00	290659	0.00	0.00	267562	0.00	23097.00
B) Yogita Madan	0.00	93067	560.00	0.00	90910	0.00	2717.00
C) Sukhbeer Kumari	0.00	70667	0.00	0.00	70667	0.00	0.00
D) Shurhita Maheshwari	0.00	70667	0.00	0.00	70667	0.00	0.00
E) Anshu Jain	0.00	66618	0.00	0.00	66618	0.00	0.00
Design And Development of Low Cost On Way Abrasive Flow Machine	0.00	660000.00	14276.00	0.00	0.00	0.00	674276.00
design and deve. of low cost solar refrigeration system for rural area	10650.00	0.00	236.00	0.00	0.00	0.00	10886.00
Design and development of ergonomic analysis of blue pottery Manufacturing system	27071.00	75000.00	1179.00	0.00	33800.00	0.00	69450.00
Design and dove. Of WCDMA for 3g mobile network	241706.30	0.00	5349.00	0.00	0.00	0.00	247055.30
Design and simulation of turnable fotonic crystal spectrum for novel all optical application	130413.00	0.00	0.00	116478.00	13935.00	0.00	0.00
Deve. Of computer aided engineering drawing lab	1320046.30	0.00	28162.00	-10890.00	0.00	108900.00	1250198.30
Deve. Of efficient turbo code for 3g 4g mobile	1040350.00	0.00	23027.00	0.00	0.00	0.00	1063377.00
Deve. Of multi agent based system fo dynamic multi project scheduling	198685.00	0.00	0.00	91826.00	106859.00	0.00	0.00
Deve. Of tech. for metamorphic Malware Detection and analysis	378190.00	0.00	1988.00	0.00	273348.00	0.00	106830.00
Development ALB for adv. Costing by plasma & laser techniques	960662.19	0.00	21263.00	0.00	0.00	0.00	981925.19
TOTAL C/F	7797630.81	3326678.00	161543.00	197414.00	1040072.00	2783140.00	7265225.81



Balance Sheet 2012-13

	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization		Balance as on 31.03.2013
					Other	Capital	
TOTAL B/F	7797630.81	3326678.00	161543.00	197414.00	1040072.00	2783140.00	7265225.81
Development in the area of telematics	800.00	0.00	18.00	0.00	0.00	0.00	818.00
Development of a solar Energy based Membran Distillation system for rural Drinking water application in Rajasthan	766800.00	0.00	16014.00	0.00	28267.00	0.00	754547.00
Development of chemical reaction lab	93000.00	0.00	2058.00	0.00	0.00	0.00	95058.00
Development of hybride waste disposal system through recycling and sanitary land filling for soil waste of college campas	197364.00	0.00	2289.00	0.00	0.00	93969.00	105684.00
Development of national transmission network terriff framework	151826.00	0.00	2763.00	0.00	27010.00	0.00	127579.00
Development of Network Charging Framework For Indian Power	0.00	1005000.00	22244.00	0.00	0.00	0.00	1027244.00
Development of novel environment friendly reasonable and stable pd(u) and CVI	66043.00	0.00	1093.00	0.00	16664.00	0.00	50472.00
Development of E management lab	918728.30	0.00	20335.00	0.00	0.00	0.00	939063.30
Development of highly efficient procedure & Graphical user interface equipped	237701.00	0.00	0.00	237701.00	0.00	0.00	0.00
durability of concrete containing zinc slag as partial replacement of sand	198265.00	0.00	2446.00	0.00	87772.00	0.00	112939.00
Energy Resource Center	0.00	1000000.00	21808.00	0.00	14700.00	0.00	1007108.00
Enhance for computer facilities of department of architechure	1613697.00	0.00	35716.00	0.00	0.00	0.00	1649413.00
Expermental Study On Flat Panel Solar Colletor	0.00	820000.00	17043.00	0.00	0.00	0.00	837043.00
experimental and analytical studies for the short and long term behaviour of epoxy bonded steel-concrete composite Bridges	1200000.00	0.00	0.00	0.00	0.00	1200000.00	0.00
Hardware development for single phase to three phase cyclo convertor fed cage induction motor drive	806849.00	0.00	17859.00	0.00	0.00	0.00	824708.00
TOTAL C/F	14048704.11	6151678.00	323229.00	435115.00	1214485.00	4077109.00	14796902.11



	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization		Balance as on 31.03.2013
					Other	Capital	
TOTAL B/F	14048704.11	6151678.00	323229.00	435115.00	1214485.00	4077109.00	14796902.11
Increase of intake capacity	89715.07	0.00	1986.00	0.00	0.00	0.00	91701.07
Information security education and awareness	-48804.00	281224.00	1735.00	0.00	154022.00	0.00	80133.00
Information security education and awareness(scholarship)	137784.00	0.00	2707.00	0.00	15484.00	0.00	125007.00
Infrastructure grant of improvement in Development of economy	17500.00	0.00	387.00	0.00	0.00	0.00	17887.00
Inspired Faculty Award	622667.00	0.00	3553.00	0.00	462130.00	0.00	164090.00
Inspire Fellowship Programme	0.00	413464.00	9151.00	0.00	0.00	0.00	422615.00
Installation of solar water heating system at various location in the institute	1000000.00	0.00	22133.00	0.00	0.00	0.00	1022133.00
Integrated deve. Of public transport system	180523.00	0.00	0.00	180523.00	0.00	0.00	0.00
Instrumentation	3828.60	0.00	85.00	0.00	0.00	0.00	3913.60
Investigation and combustion and per. Optim. Of dual fuel engine bio-gas & diesel	721.31	0.00	16.00	0.00	0.00	0.00	737.31
Lab Enhancement Under NPEEE	-91200.00	0.00	0.00	0.00	0.00	0.00	-91200.00
MBA tech. Management(UKIERI)	946579.00	0.00	20952.00	0.00	0.00	0.00	967531.00
Membrane Integrated modified Nalgonda Defluidatio	0.00	636000.00	14077.00	0.00	0.00	0.00	650077.00
Mod. Of lab & removal of Obsolesce (structure)	82903.60	0.00	1835.00	0.00	0.00	0.00	84738.60
Modernization of Digital Electronics and micro processor lab	999680.00	0.00	22127.00	0.00	0.00	0.00	1021807.00
Modernization of elect. Workshop	129916.00	0.00	2875.00	0.00	0.00	0.00	132791.00
Modernization of electro metallurgy & corrosion lab	169284.30	0.00	3747.00	0.00	0.00	0.00	173031.30
Monitoring of ground water contamination in industrial area of sanganer town by using animal models (fish & swiss albino mice) and its Mitigation at household level	258000.00	0.00	717.00	0.00	90668.00	119960.00	48089.00
NCP (Monitoring and characterization of reg. purable Human health)	307947.00	0.00	6484.00	0.00	0.00	0.00	314431.00
TOTAL C/F	18855748.99	7482366.00	437796.00	615638.00	1936789.00	4197069.00	20026414.99



Balance Sheet 2012-13

	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization		Balance as on 31.03.2013
					Other	Capital	
TOTAL B/F	1885748.99	7482366.00	437796.00	615638.00	1936789.00	4197069.00	20026414.99
NCP (synthesis and characterization of plasma Spread ceramic coating)	2056304.00	0.00	45513.00	0.00	0.00	0.00	2101817.00
On chip Network simulation/platform for reliable accurate & fast system-codesign of embedded & multicore systems	1027165.00	0.00	17467.00	0.00	88000.00	0.00	956632.00
PAC Meeting	0.00	1250000.00	0.00	157717.00	1092283.00	0.00	0.00
Perf. Evaluation in inter Brick/block Mansory	29830.00	0.00	661.00	0.00	0.00	0.00	30491.00
R & D project coal roof monitoring	23250.00	0.00	515.00	0.00	0.00	0.00	23765.00
Rehabilitation concept for sustainable development of urban poor	594827.00	0.00	13166.00	0.00	0.00	0.00	607993.00
Security evaluation of prevention control of modern power system	149302.00	0.00	3305.00	0.00	0.00	0.00	152607.00
Synthesis and reduced order modeling of interconnect for deep submicron custom integrated circuit and EPGAS	358226.70	0.00	7862.00	0.00	2992.00	0.00	363096.70
Setting up a digital photo typing center for product development	701342.00	0.00	15524.00	0.00	0.00	0.00	716866.00
Shake table test setup for dynamic testing	1631976.00	0.00	0.00	0.00	0.00	1631976.00	0.00
Sno2 based microwave sintered combustible gas sensor STD of grain size effect in enhancing the gas sensing of behaviour	448042.00	38400.00	7944.00	0.00	66803.00	45726.00	381857.00
Study of urban Heat Island Of indian Citites & development of ANN Model for scintific planning to control urban Heat Island Effect	1130000.00	0.00	25010.00	0.00	0.00	0.00	1155010.00
Study of metallurgical aspects of nitronic steel for underwater part application	2312647.00	0.00	48384.00	0.00	65652.00	0.00	2295379.00
Synthesis and characterization of nano Crystalline Ni-P coating in alluminium	18823.00	0.00	416.00	0.00	0.00	0.00	19239.00
Synthesis of Metal Carbonyal Based Organometallic	0.00	332946.00	7369.00	0.00	0.00	0.00	340315.00
TOTAL C/F	29337483.69	9103712.00	630932.00	773355.00	3252519.00	5874771.00	29171482.69



	Bal. tr. from Instt. Fund	Grant Received	Income	Tr. to Fund Ag.	Utilization Other	Capital	Balance as on 31.03.2013
TOTAL B/F	29337483.69	9103712.00	630932.00	773355.00	3252519.00	5874771.00	29171482.69
Synthesis of heterobioconjugates as possible drug candidates using click chemistry approach	76393.00	0.00	0.00	76393.00	0.00	0.00	0.00
Synthesis of PMMA	696088.80	0.00	15407.00	0.00	0.00	0.00	711495.80
Taptec Project Flexible	-21458.50	0.00	0.00	0.00	0.00	0.00	-21458.50
UGC Award JRE (Fellowship/Scholarship)	0.00	494200.00	10939.00	0.00	0.00	0.00	505139.00
UKIERI	1386210.00	0.00	26340.00	0.00	106578.00	89618.00	1216354.00
Universal application protocol for TCP/IP network	1748172.30	0.00	38693.00	0.00	0.00	0.00	1786865.30
Utilisation of Marble Stone Compiling	229159.00	0.00	3937.00	0.00	51318.00	0.00	181778.00
Virtual Classrooms	-579890.00	0.00	0.00	0.00	2628.00	0.00	-582518.00
VLSI project (SMPD-2)	527233.00	0.00	3331.00	0.00	368779.00	7925.00	153860.00
Water harveting tech. for rainfed crops in drought-prone Areas of rajasthan	1414212.00	0.00	31191.00	0.00	0.00	0.00	1445403.00
TOTAL (C)	34813603.29	9597912.00	760770.00	849748.00	3781822.00	5972314.00	34568401.29

(D)

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Balance as on 31.03.2013
				Other	Capital	
Non Recurring Grant Vehicle GOI	132506.00	0.00	0.00	0.00	0.00	132506.00
Non Recurring Grant Vehicle GOR.	45507.00	0.00	0.00	0.00	0.00	45507.00
Non Recurring Grant for Development of Site Government of Rajasthan Plan	688026.61	0.00	0.00	0.00	0.00	688026.61
Unspent Grant for UG & PG Courses Government of India Non Plan	56086741.01	32000000.00	0.00	303504251.01	0.00	72582490.00
Unspent Balance for PG Course and Research Work	560000.00	0.00	0.00	0.00	0.00	560000.00
Centre Sector Scholarship Scheme for SC Students	1767768.00	3653159.00	0.00	2017698.00	0.00	3403229.00
IIIT, Kota	0.00	37500000.00	0.00	0.00	0.00	37500000.00
TOTAL (D)	59280548.62	361153159.00	0.00	305521949.01	0.00	114911758.61



(E) Travel, Seminar Grants and Other Grants

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Balance as on 31.03.2013
				Other	Capital	
Development of Aluminium Silicon Alloys	31.40	0.00	0.00	0.00	0.00	31.40
Travel Grant Dr. Sandeep Sancheti	50000.00	0.00	0.00	0.00	0.00	50000.00
Staff Development Programme (Dr. R.P. Yadav)	101887.00	0.00	0.00	0.00	0.00	101887.00
Staff Development Programme – Dr. Rohit Goyal	20589.00	0.00	0.00	0.00	0.00	20589.00
Staff Development Programme (Dr. K.C. Jain)	3922.00	0.00	0.00	0.00	0.00	3922.00
NDSU – MNIT Teaching Collaboration	329510.00	0.00	0.00	0.00	0.00	329510.00
NPCBEERM	11918.00	0.00	0.00	0.00	0.00	11918.00
NPCBAERM	42275.00	0.00	0.00	0.00	0.00	42275.00
RUIDP	330604.00	2430000.00	0.00	1492506.00	0.00	1268098.00
React Advance in Signal Precast Community	0.00	0.00	92000.00	0.00	0.00	92000.00
Rajasthan Renewal Energy Corporation	82719.00	282000.00	0.00	72011.00	0.00	292708.00
Identical Problem on Machine and Mechanism	472.00	0.00	0.00	0.00	0.00	472.00
Short term Course on Power System	87000.00	0.00	0.00	0.00	0.00	87000.00
Restructuring g and Electricity Markets						
Water Quality Management	0.00	450000.00	190500.00	485933.00	0.00	154567.00
Water Desalination Treatment & Management	0.00	500000.00	186700.00	695849.00	0.00	-9149.00
Ion Beams in Metrical R esearch (IBMR)	0.00	75000.00	93000.00	0.00	0.00	168000.00
Travel Grant – Dr. Ghanshyam Singh	0.00	88575.00	0.00	88575.00	0.00	0.00
Travel Grant – Dr. Raj Kumar Joshi	0.00	125875.00	0.00	125875.00	0.00	0.00
TOTAL (E)	1060927.40	3951450.00	562200.00	2960749.00	0.00	2613828.40

(F) TEQIP

Particular of Funds	Balance as on 01.04.2012	Grants Received / Refunded	Transfer to Institute Account	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
TEQIP Project	21652088.50	32300000.00	0.00	3063609.00	8302508.00	8686817.00	40026372.50
TOTAL (F)	21652088.50	32300000.00	0.00	3063609.00	8302508.00	8686817.00	40026372.50



(G) Student Fund						
Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2013
CSIR Fellowship Dr. Arti Kashyap	3523.90	0.00	0.00	0.00	0.00	3523.90
CSIR Fellowship Kirti Bhandari	290878.00	0.00	0.00	0.00	221840.00	69038.00
CSIR Fellowship Monika Maheshwari	279200.00	0.00	0.00	0.00	279200.00	0.00
CSIR Fellowship Yogita Madan	155266.00	0.00	0.00	0.00	155266.00	0.00
DST Student Project Pawan Kalla	12500.00	0.00	0.00	0.00	5500.00	7000.00
ISRO MAP Project	62842.00	0.00	0.00	0.00	0.00	62842.00
MNES Fellowship A/c of Vikas Kaidan	17343.00	0.00	0.00	0.00	0.00	17343.00
HYDRO – 2008	73214.00	0.00	0.00	0.00	0.00	73214.00
DRDO Student Robot Competitions	204.00	0.00	0.00	0.00	0.00	204.00
UGC – Ritu Saharan	53400.00	0.00	0.00	0.00	0.00	53400.00
Inspire Fellowship Assured Opportunity	96008.00	0.00	0.00	0.00	0.00	96008.00
JRF to Ms. Parul Gupta						
UGC - JRF Ms. Neha Agarwal	27484.00	0.00	0.00	0.00	0.00	27484.00
JRF – Ruchi Maheshwari	0.00	212000.00	0.00	0.00	0.00	212000.00
JRF – Sukhbeer Kumar i	0.00	212000.00	0.00	0.00	212000.00	0.00
TOTAL (G)	1071862.90	424000.00	0.00	0.00	873806.00	622056.90

(H) Field Level Data Collection (Nodal Centre) Unspent Balance as on 31.03.2013						
Particular of Funds	Balance as on 01.04.2012	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2013
Field Level Data Collection (Nodal Centre)	107500.00	0.00	0.00	107500.00	0.00	0.00
Total (H)	107500.00	0.00	0.00	107500.00	0.00	0.00

(I) Project CBERD – MNIT, Jaipur						
Particular of Funds	Balance as on 01.04.2012	Grants Trans. from Institute	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2013
CBERD – MNIT, Jaipur	0.00	11876000.00	79068.00	568255.00	24325.00	11362488.00
Total (I)	0.00	11876000.00	79068.00	568255.00	24325.00	11362488.00
Total of Schedule No. 7 I						407949057.90
(A + B + C + D + E + F + G+ H + I)						

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Balance Sheet 2012-13

Schedule - 7 - II Other Liabilities and Provisions as on 31.03.2013		
Particular	Amount in ₹	
	Current Year	Previous Year
P.F. Deposit	909930.61	110680.61
Provision March Salary and Pension	29328920.00	28128524.00
Gratuity Actuarial Liabilities	167977040.00	153138525.00
Security Deposit by Contractors	45279211.00	35295785.00
Leave Encashment Actuarial Liabilities	149342246.00	128405790.00
Earnest Money	2573855.00	1298428.00
Testing Charges	843397.00	5238838.00
Salary Undisbursed	748459.95	631948.82
Deposits with Firms Through SO	376280.92	376280.92
Income Tax	67776.22	69514.22
Library Security Deposit	5450.00	5450.00
Security Deposit by Student	1143000.00	897000.00
Group Linked Insurance Scheme	48374.64	49246.28
Compensation from JDA	650337.00	650337.00
Center For Industrial Collaboration	15419.00	15419.00
Security Deposit by Staff	64000.00	69500.00
Rajasthan Sales Tax/VAT	274.00	51659.00
Fee for other RECs	83278.00	83278.00
Development of Canteen	9400.00	9400.00
Deposit out of Testing	90850.50	90850.50
Income Tax (Contractors)	725880.00	182056.00
Lab. Charges from MLV Textiles	20125.00	20125.00
Canteen Contractor Deposit	2550.00	2550.00
Stall Cheque Account Deposit	394609.00	394609.00
Advance to RSBCC	1021002.00	1021002.00
DCRGS Deposit	485768.00	485768.00
Finishing School Course Deposit	11250.00	11250.00
MRECTA	215.00	120.00
EPIP	20000.00	20000.00
TEQIP Fund Deposit	0.00	1242822.00
Pension Contribution (Own)	703081.00	2094.00
Pension Contribution (Institute)	711822.00	10835.00
LIC	0.70	362.00
Spinfed Deposit	1720.00	1720.00
Sundry Creditors (Firms)	95406427.00	39109962.00
Deposit of MBA Management Technology	2299458.00	2299458.00
Deposit of Automatic Photocopier	2252.00	1852.00
Professional Income Tax	172223.00	6010.00
Mess Deposit	97000.00	97000.00
Corporate Training Programme	78808.00	65529.00
DASA Admission Support Activities	94498.00	94498.00
Deposit of M/s HCL Infosystem	0.00	829780.00
Deposit of M/s Abhinav Corporation	17572.00	8889870.00
Staff Club Teaching	100.00	0.00
CCMT	67144.00	0.00
Deposit of M/s Purshottam Aircon, Jaipur	365114.00	0.00
PWD Requirement Examination	1048544.00	0.00
Royalty Deposit	1109.00	0.00
	C/F	
	503305771.54	409405726.35



Balance Sheet 2012-13

Particular	Amount in ₹	
	B/F 503305771.54	409405726.35
MST 2011	37600.00	37600.00
University Examination Fee	450952.89	450952.89
Misc. Funds Account	53053.00	124509.00
Scholarship Deposit	4468204.18	3268416.00
Institute Caution Money	35469525.00	26995125.00
Total Creditors	543785106.61	440282329.24
Sundry Creditors ME Part Time	20860.00	20860.00
Sundry Creditors Industrial Consultancy Cell	60378042.00	44725077.14
Sundry Creditors UK India REC	4664.25	4664.25
Sundry Creditors TEQIP Institute	11066215.00	110240.00
10895868.00		0.00
Security Deposit	155740.00	105740.00
M. Raghunath & Company	14607.00	4500.00
Total Schedule 7 - II	615254887.86	485143170.63
Grand Total Current Liabilities & Provisions Schedule No. 7 (I + II)	1023203945.76	708994989.04

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Schedule 8(a) : Fixed Assets (As on 31.03.2013)

Description	GROSS BLOCK			DEPRECIATION			NET BLOCK			
	Cost/valuation as at beginning of the year	Additions during the year	Deductions during the year	Cost/valuation at the year end	As at the beginning of the year	On additions during the year	On Deductions during the year	Total up to the year end	As at the Current year end	As at the Previous year end
A. Fixed Assets	42920612.26	0.00	0.00	42920612.26	0.00	0.00	0.00	0.00	42920612.26	42920612.26
1 Land										
2 Buildings:										
(A) Residential	766865095.11	0.00	0.00	766865095.11	110200810.11	32833214.00	0.00	143034024.11	623831071.00	656664285.00
(B) Others	156033522.28	569384.00	0.00	156602906.28	87471737.48	6884647.00	0.00	94356384.48	62246521.80	68561784.80
3 Plant Machinery & Equipment	266065276.20	57928367.00	15226144.00	308767499.20	183391488.89	27103894.00	0.00	210495382.89	98272116.31	82673787.31
4 Vehicles	5039583.71	3401417.00	0.00	8441000.71	1868765.30	475623.00	0.00	2344388.30	6096612.41	3170818.41
5 Furniture, Fixtures	131469588.30	9493675.00	17208038.00	123760225.30	17262582.38	12067669.00	0.00	29330251.38	94429973.92	114207005.92
6 Computer/Peripherals	94206674.12	15266141.00	0.00	109472815.12	84730673.48	19802148.00	0.00	104532821.48	4939993.64	9476000.64
7 Other Fixed Assets	308838.00	0.00	0.00	308838.00	274283.40	5183.00	0.00	279466.40	29371.60	34554.60
8 Library Books	21999903.13	7161460.00	0.00	29161363.13	20682079.13	0.00	0.00	20682079.13	8479284.00	1317824.00
9 Software	11056913.00	53519747.00	0.00	64576660.00	8965476.90	32304184.00	0.00	41269660.90	23306999.10	2091436.10
10 Office Equipments	1909239.00	0.00	0.00	1909239.00	865220.00	156603.00	0.00	1021823.00	887416.00	1044019.00
11 Electric Installations	4984718.00	951593.00	0.00	5936311.00	2384887.00	389975.00	0.00	2774862.00	3161449.00	2599831.00
12 Tube-wells & Water Supply	1929738.00	421000.00	0.00	2350738.00	883425.00	188147.00	0.00	1071572.00	1279166.00	1046313.00
TOTAL (A) of Current Year	1504789701.11	148712784.00	32429182.00	1621073303.11	518981429.07	132211287.00	0.00	651192716.07	969880387.04	985808272.04
Previous Year	1293729653.11	243626005.00	0.00	1537355658.11	442235733.07	76745696.00	0.00	518981429.07	1018374229.04	851493920.04
(B) Capital Work in Progress	32565957.00	182547217.00	0.00	215113174.00	0.00	0.00	0.00	0.00	215113174.00	32565957.00
TOTAL (A + B)	1537355658.11	331260001.00	32429182.00	1836186477.11	518981429.07	132211287.00	0.00	651192716.07	1184993761.04	1018374229.04

Schedule 8 (b) : Fixed Assets (TEQIP) (As on 31.03.2013)

S.No.	Particular	Value as on 01.04.2012	Addition during the Year	Deduction during the year	Value as on 31.03.2013
1.	CIVIL WORKS	7977783.00	0.00	0.00	7977783
2.	EQUIPMENT & COMPUTERS	48741616.00	2558220.00	0.00	51299836
3.	FURNITURE & FIXTURES	552626.00	0.00	0.00	552626
4.	BOOKS & LEARNING RESOURCES	15442967.00	5744288.00	0.00	21167255
	TOTAL (b)	72694992.00	8302508.00	0.00	80997500.00
	TOTAL FIXED ASSETS 8 (a) + (b)				1265991261.00

(Signature)

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Schedule- 9 Provident/ Endowment Funds Investments

Particular	Amount in ₹	
	Current Year	Previous Year
(A) PF Trust Investment Fund		
Fixed Deposit Receipt	157668808.00	155558356.00
GPF Loans	28948633.00	28325702.00
SB Account No. 165846 with ICICI Bank Limited	777127811	2056130.96
SB Account No. 12262 with Oriental Bank of Commerce	1122.85	1122.85
PF Trust Payable Ac count	866800.00	73550.00
Total (A)	195256641.96	186014861.81
(B) Pension Fund Investment		
Deposit with PD Account No. 15 (Pension)	8628.00	7916.00
Total (B)	8628.00	7916.00
(C) MNIT Endowment Investment Fund		
FDRs with ICICI Bank Limited	1463263.00	1344174.00
Total (C)	1463263.00	1344174.00
Total Provident /Endowment Investment Fund (A + B + C)	196728532.96	187366951.81

Schedule- 10 Investment Others

Particular	Amount in ₹	
	Current Year	Previous Year
Fixed Deposit Receipts from Firms	35000.00	35000.00
FDR with OBC	104102440.00	159103364.00
FDR with OBC (R & D Fund)	0.00	6876717.94
FDR with ICICI	268607746.47	0.00
FDR's (Units)		
ICC with Oriental Bank of Commerce	60118792.00	55140318.00
ICC with HDFC	11229015.99	10178043.34
Student Fund with Canara Bank	111976498.91	0.00
Student Fund with ICICI	94402978.00	101881720.00
SWF Fund with SBBJ Saras Sankul	130447.00	115768.00
Student Fund with SBBJ Gandhi Nagar & NCRB	0.00	3763143.00
CMSIC with OBC	0.00	4087488.67
Student Fund OBC	0.00	85971878.00
Student Fund HDFC	28374565.80	25718969.21
FDR Corpus Fund OBC	0.00	87099110.00
FDR Corpus Fund ICICI	0.00	25014695.00
TEQIP with Union Bank of India	0.00	10033903.00
TEQIP with OBC	39344086.00	10486822.00
FDR Scholarship SBBJ RKS	1266300.00	0.00
FDR Scholarship Canara Bank	367399.28	0.00
FDR Scholarship Yes Bank	154250.90	0.00
FDR R & D Fund Yes Bank	7553502.14	0.00
FDR Corpus Fund with Canara Bank	122988427.26	0.00
FDR S.W.F. Canara Bank	3753305.23	0.00
CMSIC with Yes Bank	4489387.42	0.00
FDR R & C Fund with ICICI Bank	30098025.00	0.00
FDR CBERD - MNIT, Jaipur with SBI	8073988.00	0.00
Total	897066155.40	585506940.16

Sd/-
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Sd/-
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Schedule No. 11 Current Assets, Loan, Advances & Misc.

I : Overspent Grants

Part A :- Grant Sharable		Balance on 01.04.2012	Grant Received	Income	Sharable Expenditure (Other)	Capital Expenditure	Balance as on 31.03.2013
Particulars							
Recurring Grant Non Plan UG GOR		4726421.10	0.00	0.00	0.00	0.00	4726421.10
Recurring Grant Plan UG GOR		12680.78	0.00	0.00	0.00	0.00	12680.78
PHE PG Course Grants		5706997.51	126428.00	0.00	1451027.00	0.00	7031596.51
QIP (Poly), AICTE		3907840.00	0.00	0.00	521145.00	0.00	4428985.00
Total of Part A		14353939.39	126428.00	0.00	1972172.00	0.00	16199683.39

Part B :- Overspent Balance Project Grants (Government of India)

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Balance as on 31.03.2013
				Other Exp.	Capital Exp.	
Overspent Balance Projects Grant						
Taptec Project Flexible	21458.50	0.00	21458.50	0.00	0.00	0.00
Lab Enhancement under NPEEE	91200.00	0.00	91200.00	0.00	0.00	0.00
Total (B)	112658.50	0.00	112658.50	0.00	0.00	0.00

Part C :- Overspent Balance Plan Grants (Govt. of Rajasthan)

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Balance as on 31.03.2013
				Other Exp.	Capital Exp.	
Capital Works unmarried Women's Hostel	350000.00	0.00	0.00	0.00	0.00	350000.00
Total (C)	350000.00	0.00	0.00	0.00	0.00	350000.00



Part D :-Overspent Balance Staff Development Programme

Particulars	Balance as on 01.04.2012	Grant Received	Income	Utilization		Balance as on 31.03.2013
				Other Exp.	Capital Exp.	
Dr. Vineet Sahula	35440.00	0.00	0.00	0.00	0.00	35440.00
Total (D)	35440.00	0.00	0.00	0.00	0.00	35440.00

Part E :- Overspent Balance UK-India REC Project

Particular of Funds	Balance as on 01.04.2012			Balance as on 31.03.2013		
	Grants Received	Income	Other Expenses	Grants Received	Income	Capital Expenses
UK -India REC Project	1236832.90	0.00	0.00	0.00	0.00	1236832.90
Total (E)	1236832.90	0.00	0.00	0.00	0.00	1236832.90

Part F :- Overspent Balance Summer/Winter School

Particular of Funds	Balance as on 01.04.2012			Balance as on 31.03.2013		
	Grants Received	Income	Other Expenses	Grants Received	Income	Capital Expenses
Recent Advances in Microwave and Wireless Communication	409340.00	0.00	0.00	0.00	0.00	409340.00
Emerging Tools and Trends in Open Source Computing	242856.00	0.00	0.00	0.00	0.00	242856.00
Alternate Automobile Fuels	207760.00	0.00	0.00	0.00	0.00	207760.00
Management and Mitigations of Natural Disasters	382246.00	0.00	0.00	0.00	0.00	382246.00
Applied Economics and Quantitative Techniques	235190.00	0.00	0.00	0.00	0.00	235190.00
Developing Teaching Skills in Management Course	382809.00	0.00	0.00	0.00	0.00	382809.00
Advance Application on Power Electronics	281877.00	0.00	0.00	0.00	0.00	281877.00
Operation and Control of Modern Power System	294506.00	0.00	0.00	0.00	0.00	294506.00
Winter School Soft Computer Skills in Engg.	333103.00	0.00	0.00	0.00	0.00	333103.00
Total (F)	2769687.00	0.00	0.00	0.00	0.00	2769687.00



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2012-13

Part G :- Particular of Funds	Overspent Balance National Manpower Information System (Nodal Centre)				
	Balance as on 01.04.2012	Grants Received	Income	Other Expenses	Capital Expenses
Non Plan	1586962.26	0.00	0.00	934005.00	0.00
Total (G)	1586962.26	0.00	0.00	934005.00	0.00
Grand Total Schedule 11 I					
(A + B + C + D + E + F + G)					
23112610.55					

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Schedule – 11 – II Current Assets Loans and Advances

Particular	Amount in ₹	
	Current Year	Previous Year
Advance to Staff	4494711.00	3175022.00
Fixation Arrears Teaching	5000.00	5000.00
Advance to Stores Officer	755647.17	755647.17
Advance for Lab. Work	34000.00	34000.00
MBA Course	17296.00	17296.00
Grant Receivable from Govt. of India	67500000.00	120000000.00
MNIT Pension Fund	30811.00	30811.00
Advance to Avas Vikas Sansthan	1162448.00	1162448.00
Advance to CPWD	29757094.00	20779794.00
Advance to Ground Water Board	79858.00	79858.00
Ex. Engg. PWD	1467467.68	1467467.68
LTC Advance	678542.00	613434.00
ITTC	500.00	500.00
Advance to MRF	6280.00	6280.00
AIEEE Counseling Expenses	12130.00	588728.00
Advance to Firm	2371899.00	42000.00
Advance to Shri O.P. Singhal, Advocate	10000.00	10000.00
Advance to Avas Vikas Limited	35325015.00	36000000.00
CCMT	0.00	1060459.00
ASI	276.00	552.00
Centre of Energy & Environment	131170.00	47686.00
Loan to P.F. Trust	1000000.00	0.00
Advance to M/s KMV Project Ltd., Hyderabad	41914474.00	0.00
Advance to TEQIP	100000.00	0.00
Food Grain Loan	660.00	0.00
TEQIP Fund Deposit	10081202.00	0.00
NSS	44.00	0.00
Security Deposits with		
RSEB	1139697.00	1139697.00
M/s Sanghi Oxygen Company	1800.00	1800.00
Jaipur Gas Service	6700.00	6700.00
Krishana & Company	200.00	200.00
Telephone Department	17500.00	17500.00
Chandra Industries	150.00	150.00
Indian Oxygen Ltd.	4000.00	4000.00
Om Gas Agency	6750.00	6750.00
Jaipur Rotting Company	10000.00	10000.00
Mahalaxmi Gas Service	25200.00	25200.00
Ajit Service Station (Petrol Pump)	15000.00	15000.00
JVVN Limited, Jaipur	868731.00	868731.00
BSNL, Jaipur	90180.00	90180.00
Total C/F	199122432.85	188062890.85



Balance Sheet 2012-13

Particular	Amount in ₹			
Total B/F	199122432.85		188062890.85	
	<i>Current Year</i>		<i>Previous Year</i>	
Staff Advances (Units)				
ME Part Time	12895.00	12895.00	12895.00	12895.00
Industrial Consultancy Cell (ICC)	0.00	0.00	0.00	0.00
Impact Electronics	61333.00	61333.00	61333.00	61333.00
Impact Computer	116687.00	116687.00	116687.00	116687.00
TEQIP	678475.00	678475.00	0.00	0.00
-----	15000.00	15000.00	0.00	0.00
R & C Fund	371000.00	371000.00	0.00	0.00
Other Advances (Units)				
UK India REC Project	1084315.00	1084315.00	1084315.00	1084315.00
CBERD-MNIT, Jaipur (Receivable)	2776000.00	2776000.00	0.00	0.00
Cash & Bank Balance (Institute)				
Cash in Hand (Institute)		248171.00		53961.00
Cash Imprest to Department / Section		302778.00		346185.00
UNESCO Coupons		558.03		558.03
Postage		19383.00		22733.00
Current A/c No. 11 with ICICI Bank Limited		54781172.77		67307528.27
Current A/c No. 10125472413 (old 22007) with SBI		0.00		220549.85
S.B. A/C No. 22670 (old 11088) with OBC		461760.45		1131257.45
S.B. A/C No. 982 with Canara Bank		0.00		691483.57
S.B. A/C No. 10125450013 (old 1) with State Bank of India		247746.94		24652.94
S.B. A/C No. 20586 (R & D)		7787417.59		6387783.59
P.D. Account No. 15 (Interest Bearing)		60894.00		55874.00
P.D. Account No. 25 (Non Interest Bearing)		618343.30		618343.30
Saving Bank A/C No. 105615 with ICICI		55993056.71		19473205.86
S.B. A/C No. 153285 (Investigation and Combustion's and performance optimization of a dual fuel engine using bio-gas & Diesel) with ICICI		0.00		3594.31
S.B. A/C No. 163535 (Setting up a digital photo-typing center for Product Development) with ICICI		0.00		631912.00
S.B. A/C No. 169545 (Mod. of Digital Electronics & Microprocessor Lab.) with ICICI		0.00		979491.00
S.B. A/C No. 164800 (Modernization of Chemical Reaction Lab.) with ICICI		0.00		65155.72
S.B. A/C No. 165380 (Cross platform gamma and colour correction with loss less image transmitter) with ICICI		0.00		88932.00
		Total C / F	324759419.64	287441321.74



Balance Sheet 2012-13

	Total B/F	324759419.64	287441321.74
S.B. A/C No. 170911 (Water Harvesting Tech. for Rainfed Crops in Drought Prone Areas of Rajasthan) with BOR	0.00		1385651.00
S.B. A/c No. 12351 with OBC (Development of Aluminum Silicon Alloys)	29.30		29.30
S.B. A/c No. 23830 (old 12416) with OBC (Synthesis of PMMA)	0.00		677592.80
S.B. A/c No. 27890 (old 16683) with OBC (Development of Hybrid Waste Disposal Systems through recycling and sanitary)	0.00		719896.00
S.B. A/c No. 27790 (old 16586) with OBC (Hardware Development of single phase to three phase Cyclo-converter cage induction Motor drive)	0.00		785410.00
S.B. Account No. 27810 (old 16608) with OBC (Design and Development WCDMA for 3G Mobile Network)	0.00		235576.30
S.B. A/c No. 27800 (old 16594) with OBC (Synthesis and reduced order Modeling of Interconnects for deep submicrons controls Integrated circuits and FPGAs)	0.00		340172.70
Saving Bank A/c No. 27840 (old 16632) with OBC (Enhancement of Computer facilities of Department of Architecture)	0.00		1570820.00
Saving Bank Account No. 27850 (old 16641) with OBC (Development of E-Management Laboratory)	0.00		894316.30
Saving Bank Account No. 27860 (old 16659) with OBC (Development of Computer Aided Engineering Drawing Laboratory)	0.00		1284971.30
S.B. Account No. 27870 (old 16667) with OBC (Modernization of Electro-metallurgy and Corrosion Lab.)	0.00		164786.30
Saving Bank Account No. 27880 (old 16675) with OBC (Universal Application Protocol for TCP/IP Network)	0.00		1701721.30
Saving Bank Account No. 27830 (old 16624) with OBC (Shake table test setup for Dynamic Testing)	0.00		1588838.30
Saving Bank Account No. 5136 (Development of Efficient Turbo Codes for 3G/4G Mobile)	0.00		1012707.00
Saving Bank Account No. 5143 (Computer Controlled Cyclo Convertor Half & Full Wave Fed Cage Induction Motor Drive)	0.00		1230925.00
University Forms (Stock)		13125.00	13125.00
Cash & Bank Balances Units			
CMSIC			
SB Account No. 140550		9568.68	9568.68
TOTAL C/F		324782529.62	301057429.02



Balance Sheet 2012-13

TOTAL C/F	324782529.62	301057429.02
ME Part Time		
SB Account No. 139624	192124.00	181066.00
ICC		
SB Account No. 81625	19981885.24	3921847.34
UK India REC		
SB Account No. 129856	283694.35	272678.35
Impact (Electronics)		
SB Account No. 141038	28644.48	27532.48
Impact (Computer)		
SB Account No. 142514	63258.00	60802.00
TEQIP		
SB Account with SBBJ	38262.00	67457.00
SB Account with OBC	8388542.00	0.00
SB Account No. 435444 (ICICI)	2685161.00	1216085.00
CBERD - MNIT, Jaipur		
SB Account with SBI	499324.00	0.00
R & C Fund		
SB Account with ICICI	4099376.29	0.00
Total Schedule No. 11 - II	361042800.98	306804897.19
Grand Total Current Assets Loan & Advances Sch. No. 11 (I+II)	384155411.53	327798687.24

Dy. Registrar (A/c)

Registrar



Balance Sheet 2012-13

Schedule– 12 Income from Sales/Services

Particular	Amount in ₹	
	Current Year	Previous Year
ICC	43925389.00	250118.00

Schedule – 13 Grant Recd./ Receivable from Govt. in India the year ending on
31.03.2013

Particular	Amount in ₹	
	Current Year	Previous Year
UG/PG Course (Non Plan)	303504251.01	259962499.82
M.Tech. PHE	1451027.00	1352930.00
Nodal Center	651574.00	1007685.00
COCP & Other Exp. (Nodal Centre)	282431.00	509280.00
QIP (POLY)	521145.00	1106548.00
Plan Grant Government of India	70107052.00	14340585.00
Centre Sector Scholarship Scheme for SC/ST Students	2017698.00	3864777.00
Plan (OBC)	0.00	19193390.00
Projects	6961332.50	0.00
Projects (R & C Fund)	3021052.00	0.00
CBERD - MNIT	489187.00	0.00
TEQIP	5623208.00	-1268901.00
Total	394629957.51	300068793.82

Schedule –14 Students Fees received during the year ending on 31.03.2013

Particular	Amount in ₹	
	Current Year	Previous Year
Institute Fees UG/PG Course (Non Plan)	139343826.67	111347436.27
Student Fee (Student Fund)	61702587.00	54592431.00
Total	201046413.67	165939867.27

Schedule – 15 Income from Investment (Income on Investment from Earmarked/Endowment FUND Transferred to Funds

Particular	Amount in ₹	
	Current Year	Previous Year
Income from Investment (Income on Investment from Earmarked/Endowment FUND Transferred to Funds	0.00	0.00

Dy. Registrar (A/c)

Registrar



Balance Sheet 2012-13

Schedule– 16 Income from Royalty, Publications, etc.

Particular	Amount in ₹	
	Current Year	Previous Year
Income from Royalty, Publications, etc.	0.00	0.00

Schedule – 17 Interest Earned as on 31.03. 2013

Particular	Amount in ₹	
	Current Year	Previous Year
MNIT Society Fund	24778472.47	19283044.67
CMSIC	402285.75	319122.67
Student Fund	21181475.50	20213721.21
ICC	6553382.65	5697690.34
ME – Part Time	11058.00	9225.00
UK – India REC Project	11016.00	10395.00
Imp act (Computer)	2456.00	2318.00
Impact (Electronics)	1112.00	1049.00
TEQIP	3047609.00	1273401.00
R & C	755681.00	0.00
CBERD - MNIT	79068.00	0.00
Projects	398252.00	0.00
Total	57221868.37	46809966.89

Schedule– 18 Other Income as on 31.03. 2013

Particular	Amount in ₹	
	Current Year	Previous Year
Light & Water Charges (Hostel)	10515600.00	13018025.00
Water Charges	148529.00	132370.00
Rent of Building	37598.00	36891.00
Misc. Income	2806063.00	327220.84
Sale of Application Forms for Admission	580150.00	444850.00
Application Fee against advertisement of Posts	52200.00	-350830.00
Recovery of Quarter Rent	762149.00	787903.00
Hostel Room Rent	7010400.00	8862200.00
Late Fee – Fine	0.00	40200.00
Student Fund	0.00	801348.00
Projects	112658.50	0.00
Other Income (Units)		
ICC	1356.04	30.00
TEQIP	16000.00	0.00
R & C Fund	5089.00	0.00
Total	22047792.54	24100207.84

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Schedule - 19 Increase/Decrease in Stock of Fixed Goods and Working Progress

Particular	Amount in ₹	
	Current Year	Previous Year
	0.00	0.00

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**Schedule –20 Establishment Expenses**

Particular	Amount in ₹	
	Current Year	Previous Year
Pay of Officers	82372868.00	76967393.00
Pay of Establishment	36732025.00	28522981.00
Special Pay	15600.00	15600.00
Dearness Allowance	90995458.00	69373918.00
House Rent Allowance	13113854.00	12301081.00
City Compensation Allowance	-1440.00	-19200.00
Medical Reimbursement	3453000.00	2890886.00
Warden Allowance	597318.00	66954.00
Pension Contribution	-1376475.00	-228557.00
Pension Contribution (Salary)	1875044.00	984091.00
Washing Allowance	112563.00	121566.00
Encashment of Leave	25094877.00	18957454.00
Gratuity	22060428.00	18521858.00
Other Allowances	15710.00	28940.00
Children Education Allowance	3191170.00	2483958.00
Transportation Allowance	17479170.00	14623829.00
Bonus	799309.00	805357.00
FWA	57403.00	49800.00
Commutation of Pension	3998021.00	6582765.00
Pension Expenditure	61236875.00	52288553.00
Dearness Pay	-288898.00	-567833.00
Grade Pay	25587383.00	22624196.00
Interim Arrear	-100000.00	-150000.00
Special Allowance	65000.00	46290.00
Cumulative Profession Development (CPDA)	4986029.00	5037574.00
Leave Salary	-985907.00	72735.00
Medical Allowance to Pensioners	1192865.00	1131927.00
Contractual Services	35297111.00	20272682.00
Overtime Allowance	35268.00	37179.00
Deputation Pay	83164.00	77475.00
Guest Faculty	13396609.00	11068239.00
Establishment Expenses (ICC)	43175853.00	0.00
Establishment Expenses (R & C)	1556538.00	0.00
Establishment Expenses (CBERD - MNIT)	198161.00	0.00
Total	486021954 .00	364989691 .00

Dy. Registrar (A/c)**Registrar**

Balance Sheet 2012-13



Schedule –21 Administrative Expenses

Particular	Amount in ₹	
	Current Year	Previous Year
Scholarship	45412562.00	36705266.00
Consumables for Labs	1441968.00	861094.00
Postage & Telephone Etc.	4423549.00	1494393.00
Printing & Stationery	1501620.00	1665995.00
Contingent Exp.	2917398.15	2205261.50
Other Administrative Exp. (ICC)	867755.00	12968744.00
Traveling Exp.	1906486.00	603660.00
Vehicle Maintenance	673345.00	432146.00
Repair & Maintenance	54766668.00	23708073.00
Books & Periodicals	2578124.00	1111931.00
Student Activities	157412.00	454270.00
Liveries	372723.00	0.00
Advertisement	6336334.00	4716141.00
First Aid Medicines	136785.00	91961.00
Refreshment & Entertainment	724526.00	303192.00
Audit Fees	0.00	185280.00
Legal Expenses	609236.00	680199.00
Electricity Expenses	21780505.00	16141075.10
Symposia & Seminars	-363278.00	211183.00
Transportation Arrangements	578733.00	93880.00
Misc. Expenses	123653.00	42277.00
Attending National/International Conferences by Teachers	-37643.00	50000.00
Course & Registration Fee	0.00	5043.00
Internet Lease Line Charges	1250247.00	13093695.00
Earned Leave Encashment for LTC	1160494.00	425896.00
LTC	4077073.00	1891480.00
Insurance of Institute Properties	190037.00	6390.00
Convocation Exp.	1378259.00	1438327.00
Boarding & Lodging	371601.00	100618.00
Industrial Training & Placement Fee	224732.00	221954.00
Alumni Association	2000.00	1174000.00
Sports & Creative Art Society	2301999.00	1758350.00
MNIT Examination Fund	2754830.97	1270005.00
Development Fee (Transfer to Corpus Fund)	0.00	87787576.00
I-Card	63310.00	55381.00
Library Fee	375884.00	11500.00
Student Welfare	73415.00	15102.00
Student Insurance	1650400.00	3176700.00
Transcript Fee	36866.00	109698.00
Total C/F	162819609.1 2	217267736.6 0



Balance Sheet 2012-13

Particular	Amount in ₹	
	Current Year	Previous Year
Total B/F	162819609.12	217267736.60
Institute Guest House	69054.00	806080.00
Hot & Cold Weather Charges	0.00	12549.00
Education Tour	24943.00	447200.00
Other Administrative Expenses (TEQIP)	8686817.00	4500.00
Golden Jubilee	4785318.00	0.00
Project Expenses	7472243.00	0.00
Book Bank	4042934.00	0.00
Other Administrative Expenses (R & C)	2225284.00	0.00
Other Administrative Expenses (CBERD - MNIT)	368270.00	0.00
Total	190494472.12	218538065.60

Particular	Amount in ₹	
	Current Year	Previous Year
<u>Subsidiary Details of Repairs & Maintances Expenses</u>		
Maintenance of Air Conditioners	318178.00	59015.00
Estate Maintenance	15552821.00	6300950.00
Maintenance of Hostel Building	7512632.00	3585287.00
Maintenance of Staff Quarters	1242482.00	147189.00
Maintenance of Garden	87333.00	349725.00
Maintenance of Computers	395704.00	279237.00
Maintenance of Furniture & Equipment	1281325.00	939132.00
Maintenance of Typewriter & Photocopier	0.00	8000.00
Maintenance of Internal Telephone System	0.00	5000.00
Repair & Maintenance (Plan)	28376193.00	12034538.00
Total	54766668.00	23708073.00

<u>Subsidiary Details of Expenses paid under student activity</u>		
Educational Excursions and Survey Camps	11912.00	9600.00
Student projects	145500.00	51575.00
Extra Curr. Activities	0.00	393095.00
Total	157412.00	454270.00

<u>Subsidiary Details of Miscellaneous Expenses</u>		
Extension Lectures	123653.00	42277.00
Total	123653.00	42277.00

Dy. Registrar (A/c)

Registrar



Balance Sheet 2012-13

Schedule –22 Amount paid as Grants / Subsidies

Particular	Amount in ₹	
	Current Year	Previous Year
NIT Transit House, New Delhi	0.00	1796584.00
Total	0.00	1796584.00

Schedule –23 Interest

Particular	Amount in ₹	
	Current Year	Previous Year
Interest	0.00	0.00

Dy. Registrar (A/c)

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SCHEDULE 24 OF ACCOUNTING POLICIES

A. SIGNIFICANT ACCOUNTING POLICIES

1. Accounting Convention :

The financial statements are prepared on the basis of historical cost convention, and in accordance of the generally accepted accounting principals and on mercantile basis, unless otherwise stated.

2. Inventory Valuation :

Stores and spares, if remains unused shall be valued at cost. Consumables are deemed to be expenditure and not valued in Stores.

3. Investments :

3.1 Investments are to be valued at Cost, except in fixed deposit receipts are to be valued at cost plus interest accrued thereon.

3.2 Cost shall include acquisition expenses like brokerage, transfer stamps etc.

4. Fixed Assets :

4.1 Fixed assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition. In respect or projects involving construction, related pre operational expenses (including interest on loans for specific project prior to its completion) form part of value of assets capitalized.

4.2 Fixed assets received by way of non-monetary grant other then towards the corpus fund are capitalised at value stated by corresponding credit to capital reserve.

5. Depreciation :

5.1 Depreciation is provided on written down value as per the rates specified in Income Tax Act, 1961.

5.2 Depreciation is charged on those Assets which have put to use up to 30th September – 100% and those Assets put to use after 30th September – 50%

5.3 Depreciation not charged on those Assets which have not been used up to 31st March.

5.4 The TEQIP Project account is maintained on cash basis and no depreciation is charged on assets created out of project fund as per the World Bank Norms.

6. Government Grants/ Subsidies :

6.1 Government grants of the nature of contribution towards capital cost of setting up projects are treated as capital reserve.

6.2 Grants in respect of specific fixed assets acquired are made part of the capital reserve on utilisation of the grant.

6.3 Receipt of fees are classified as per nature capital and revenue as per Accounting Standard 6 issued by the Institute of Chartered Accountants.

6.4 Government grant are accounted on Grant sanction/accrual basis.

7. Foreign currency Transactions:

Transactions / Purchases in foreign currency are recorded at the exchange rate paid to the bank.

8. Retirement Benefits :

8.1 Liability towards gratuity payable on death/ retirement of employees is to be calculated on the basis of 15 days salary for each completed year of services of each eligible employees i.e. employees who have completed five years continued service.

8.2 Liability of leave encashment is calculated on the basis of salary of each employees with their balance of leaves.

9. Income/Surplus of Institute is exempted from Income Tax as per Section 10(23C) (iiiab) of Income Tax Act 1961.

10. Accrued Income

Accrued rent, electricity and water charges from various contractors are account for on actual realization basis due to conservative approach as per AS-1 (Prudence) issued by the Institute of Chartered Accountant of India.

Dy. Registrar (A/c)

Registrar



SCHEDULE NO. 25 : NOTES ON ACCOUNTS

1. Contingent Liability :
 - 1.1 Claims against the institution not acknowledged as debits Rs. Nil
 - 1.2 Bank Guarantees given on behalf of the institution Rs. Nil
 - 1.3 In respect of claims from parties for non execution of orders, but contested by the institution Rs. Nil
2. Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. Nil.
3. Nature of the fixed assets has been determined on provisional basis as the value of each class of fixed assets shown needs to be arrived at accurately, on the basis of examination of vouches of past years as well and this involve tremendous efforts and time. The depreciation charged thereon, therefore is subject to change on such recategorisation of the fixed assets.
4.
 - 4.1 Depreciation is charged on those Assets which have put to use up to 30th September – 100% and those Assets put to use after 30th September – 50%
 - 4.2 Depreciation not charged on those Assets which have not been used up to 31st March.
 - 4.3 Depreciation on Books has been charged on 100% being each books irrespective of the purchase price as per IT Act, 1961 Section 32.
 - 4.4 The rates of depreciation charged on each groups of assets are as under :

I.	Land	Nil
II.	Buildings	
	A. Residential	5.00%
	B. Others	10.00%
III.	Plant, Machinery & Equipment	15.00%
IV.	Vehicles	15.00%
V.	Furniture & Fixtures	10.00%
VI.	Computer & Peripherals	60.00%
VII.	Other Fixed Assets	15.00%
VIII.	Software	60.00%
IX.	Electric Installation	15.00%
X.	Tube-well & Water Supply	15.00%
5. In the opinion of the management, the value of the current assets, Loans and advances have the revisable value stated.
6. So far the cash system of accounting was being followed, but due to the inference drawn from the new format of accounts the system has been changed to the mercantile. Expenses paid for the earlier years.
7. Figures are exhibiting rounding them off in the Balance Sheet, Income Expenditure Account and Receipt and Payment Account.
8. Figures exhibited have been regrouped and rearranged where ever necessary.
9. As per AS 12 we cannot assess useful life of assets so we adopt written down value method of depreciation. This method of depreciation is valid as per Income Tax Act 1961.
10. All Grant received by Institute are refundable and unspent grants depicted as current liability.
11. Schedules 1 to 25 are annexed to and form an integral part of the Balance Sheet as at 31.03.2013 and the Income and Expenditure Account for the year ended on that date.

Dy. Registrar (A/c)

Registrar

**Receipt and Payment Account for the Year 31.03.2013**

RECEIPT	Amount in ₹
I. Opening Balance	
Cash in Hand	423437.00
Bank Balances	
(i) In Current Accounts	67528078.00
(ii) In FDR	586851114.00
(iii) In Savings Accounts	49502136.00
II. Grant Received	
(a) From Government of India	
(i) Non-Plan	320000000.00
(ii) Plan & Others	549187738.00
(b) From State Government	
(c) From Other Sources	
(d) Grants for Capital & Revenue	
Earmarked Investments Fund	
1 Earmarked Endowment Fund	4268891.00
2 Own Funds (Corpus Fund)	11587015.00
Interest Received	
1 On Bank Deposit	57221868.00
2 Loan, Advance, etc.	
Other Income	
1 Student Fee	201046414.00
2 Other Income	22047793.00
Amount Borrowed	
Any other receipts	
PF Deposit	31696142.00
Other Liabilities (TEQIP)	10905975.00
Current Liabilities (ICC)	61711768.00
Other Receipts (CBERD)	11876000.00
Other Receipts (ICC)	43925389.00
Other Receipts (R & C)	34813603.00
Loan Advance Adjusted (ICC)	15000.00
Income Tax	28251588.00
LIC	2170285.00
GSLI	423232.00
Earnest Money	1658727.00
Security deposit by Contractor	14884180.00
Pension Contribution (own)	1952431.00
Pension Contribution (Institute)	1952431.00
Travel & Seminar Grant	562200.00
Receipt (Plan)	1346586.00
Total C/F	2117810021.00



Receipt and Payment Account for the Year 31.03.2013

RECEIPT	Amount in ₹
	Total B/F
	2117810021.00
MRECTA	84975.00
VAT	3482503.00
ASI	75860.00
Deposit of Automatic Photocopiers	400.00
LTC Advance	2509992.00
Security deposit by Students	290000.00
Security Deposit by Staff	9500.00
Income Tax Contractors	6583612.00
Grant Receivable from Government of India	120000000.00
Royalty Deposit	1341641.00
Provision March Salary and Pension	1200396.00
Gratuity Actuarial Liabilities	14838515.00
Leave Encashment Actuarial Liabilities	20936456.00
Undisburse Salary	4763022.00
AIEEE Deposit	1426344.00
Staff Advance	14679647.00
Deposit of Firms	77691606.00
Advance to M/s KMV, Hyderabad	9738861.00
Food Grain Loan	560800.00
PWD Recruitment Exam.	2769700.00
Testing Charges	289900.00
Advance to CPWD	4977300.00
Professional Income Tax	2413314.00
Deposit of M/s Purshottam Aircon	365114.00
Corporate Training Programme	81000.00
Scholarship Deposit	2715555.00
Caution Money	12634000.00
Advance to Avas Vikas Limited	30674985.00
Deposit of M/s Abhinav Enterprises	17572.00
Staff Club (Teaching)	97900.00
CCMT	2697470.00
Advance to Firm	772175.00
TOTAL	2458530137.00

Dy. Registrar (A/c)

Registrar

Director



Balance Sheet 2012-13

Receipt and Payment Account for the Year 31.03.2013

PAYMENT		Amount in ₹
I. Expenses		
(a)	Establishment Expenses	486021954.00
(b)	Administrative Expenses	190494472.00
(c)	Grant & Subsidies	
II. Payments made against Funds for various projects		
	R & D & Modrob Projects	
	Project Expenses (Student Fund)	873806.00
III. Investments and deposits made		
(a)	Out of Earmarked/Endowment	
(b)	Out of Own Funds	
IV. Expenditure on Fixed Assets & Capital Work-in-progress		
(a)	Purchase of Fixed Assets	113480537.00
(b)	Expenditure on Capital Work-in-Progress	182547217.00
V. Refund of surplus money/Loans		
(a)	To the Government of India	
(b)	To the State Government	
(c)	To other providers of funds	849748.00
VI. Finance Charges		
VII. Other Payments		
	PF Deposit	30896892.00
	Income Tax	28253326.00
	LIC	2170646.00
	GSLI	424104.00
	Security deposit by Contractor	4900754.00
	VAT	3533888.00
	Earnest Money	333300.00
	Loan to PF Trust	1000000.00
	Deposit of M/s Abhinav Enterprises	8889870.00
	ASI	75584.00
	Travel & Seminar Grant	2960749.00
	Deposit of M/s HCL	829780.00
	Undisbursed Salary	4646511.00
	AIEEE Deposit	849746.00
	Staff Advance	1079475.00
	Testing Charges	4685341.00
	Food Grain Loan	561460.00
	Field Level Data Collection Nodal Centre	107500.00
	Advance to CPWD	13954600.00
	TEQIP Fund Deposit	11324024.00
	PWD Recruitment Exam.	1721156.00
Total C/F		1097466440.00



PAYMENT	Amount in ₹
Total B/F	1097466440.00
Advance to M/s KMV, Hyderabad	51653335.00
Advance to Firm	3102074.00
Security deposit by Students	44000.00
Security deposit by Staff	15000.00
MRECTA	84880.00
Pension Contribution Employer	1251444.00
Pension Contribution Employee (Own)	1251444.00
R & D (General)	400000.00
R & D (Computer)	200000.00
LTC Advance	2575100.00
Income Tax Contractors	6039788.00
Staff Welfare Fund	64762.00
Other Current Assets (ICC)	46073803.00
Trans. to R & C & CBERD - MNIT	44026262.00
NSS	71500.00
Advance to Staff	15984336.00
Caution Money	4159600.00
Grant Receivable from Government of India	67500000.00
Deposit of Firms	21395141.00
Corporate Training Programme	67721.00
Professional Income Tax	2247101.00
Grant Receivable (CBRED - MNIT)	2776000.00
Royalty Deposit	1340532.00
TEQIP IRG	52000.00
Centre of Energy & Environment	83484.00
Scholarship Deposit	1515767.00
Avas Vikas Limited	30000000.00
Staff Club (Teaching)	97800.00
CCMT	1569867.00
Advance to TEQIP	100000.00
VIII. Closing Balances	
(a) Cash in Hand	570890.00
(b) Bank Balances	
(i) In Current Accounts	54781173.00
(ii) In FDR	898529418.00
(iii) Savings Accounts	101439475.00
TOTAL	2458530137.00

Dy. Registrar (A/c)

Registrar

Director

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR****List of Fixed Deposit Receipt (2012 -2013)****ENDOWMENT FUND**

S.No.	Date	FDR No.	Name of Bank	Amount
1.	10.11.2012	6.76814E+11	ICICI Bank Limited	1463263.00
			GRAND TOTAL	1463263.00

R & D FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	19.03.2013	002440300005719/1	Yes Bank, C-Scheme	7553502.14
			GRAND TOTAL	7553502.14

INSTITUTE FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	19.03.2013	07023021003723	Oriental Bank of Commerce	104102440.00
			Total	104102440.00
2.	20.03.2013	676810016555	ICICI Bank Limited, MNIT Branch	100307397.00
3.	19.03.2013	676810016551	ICICI Bank Limited, MNIT Branch	50349306.00
4.	28.03.2013	676810016571	ICICI Bank Limited, MNIT Branch	117951043.47
			Total	268607746.47
			GRAND TOTAL	372710186.47

SCHOLARSHIP FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	28.08.2012	61164577237	State Bank of Bikaner & Jaipur	1266300.00
			Total	1266300.00
2.	07.12.2012	002440300005461	Yes Bank, C-Scheme	154250.90
			Total	154250.90
3.	25.01.2013	2550401001030/1	Canara Bank, Malaviya Nagar	367399.28
			Total	367399.28
			GRAND TOTAL	1787950.18

STUDENT FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	02.08.2013	18444470009398	HDFC Bank Limited	28374565.80
			Total	28374565.80
2.	26.10.2012	6.76814E+11	ICICI Bank Limited	94402978.00
			Total	94402978.00
3.	21.03.2013	2550401001060/1	Canara Bank, Malaviya Nagar	111976498.91
			Total	111976498.91
			GRAND TOTAL	234754042.71

CORPUS FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	20.03.2013	2550401001058/1	Canara Bank, Malaviya Nagar	122988427.26
			GRAND TOTAL	122988427.26



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2012 -2013)

SWF FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	19.10.2011	61140410218	State Bank of Bikaner & Jaipur	130447.00
			Total	130447.00
2.	25.01.2013	2550401001029/1	Canara Bank, Malaviya Nagar	3753305.23
			Total	3753305.23
			GRAND TOTAL	3883752.23

FIRMS/PARTY FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1.	28.9.1981	147183	State Bank of Bikaner and Jaipur	500.00
2.	26.12.1987	292903	State Bank of India	500.00
3.	21.5.1990	8088	The Urban Cooperative Bank Limited	2000.00
4.	10.10.1990	885364	State Bank of India	1000.00
5.	3.3.1993	182992	Oriental Bank of Commerce	1000.00
6.	26.6.1993	1833530	Dena Bank	2000.00
7.	27.10.1993	119758	The Bank of Rajasthan Limited	500.00
8.	20.11.1993	490671	Bank of Maharashtra	2000.00
9.	18.3.1997	676963	State Bank of Bikaner and Jaipur	1500.00
10.	21.8.1999	742801	Canara Bank	4000.00
11.	14.7.2000	4526154	Union Bank of India	20000.00
			TOTAL	35000.00

Dy. Registrar
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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2012 -2013)

GPF Trust

S.No.	Date	FDR No.	Name of Bank	Amount
1.	14.02.2013	247000R0000541	Punjab National Bank	4682094.00
			Total	4682094.00
2.	02.03.2013	2323899	Oriental Bank of Commerce	16011433.00
3.	11.03.2013	2323902	Oriental Bank of Commerce	71607140.00
4.	11.03.2013	2323901	Oriental Bank of Commerce	64473714.00
			Total	152092287.00
			Accrued Interest (PNB)	77928.00
			Accrued Interest (OBC)	816499.00
			GRAND TOTAL	157668808.00



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2012 -2013)

INDUSTRIAL CONSULTANCY CELL (ICC)

S.No.	Date	FDR No.	Name Of Bank	Amount
			Fixed Deposit Receipt for I.C. Cell	
1.	03.08.2012	1844470009426	HDFC Bank	11051443.87
				11051443.87
2.	11.03.2013	2323903	Oriental Bank of Commerce	22854326.00
3.	11.03.2013	2323900	Oriental Bank of Commerce	36888410.00
			TOTAL	59742736.00
4.			Accrued Interest on FDR (HDFC)	177572.12
5.			Accrued Interest on FDR (OBC)	376056.00
			G. TOTAL	71347807.99

Dy. Registrar
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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2012 -2013)

CMSIC

S.No.	Date	FDR No.	Name of Bank	Amount
1.	19.03.2013	02440300005722	Yes Bank	4474092.42
			Total	4474092.42
			Accrued Interest	15295.00
			GRAND TOTAL	4489387.42



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

**Project CBERD-MNIT Jaipur
List of Fixed Deposit Receipt**

S. No.	Date	FDR No.	Name of Bank	Amount
			Fixed Deposit Receipt	
1.	14.03.2013	32823721226	State Bank of India	8044235.00
			TOTAL	8044235.00
1.	31.03.2013		Accrued Interest on FDR	
			State Bank of India	29753.00
			TOTAL	29753.00
			G.TOTAL	8073988.00



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP)**

LIST OF FDRS TEQIP FUND

Particulars	Amount
FDR No. 07023021003457 with Oriental Bank of Commerce	20,785,116.00
FDR No. 07023021003440 with Oriental Bank of Commerce	10,391,557.00
FDR No. 07023021003600 with Oriental Bank of Commerce	8,169,413.00
Total	39,344,086.00



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2012 -2013)

Research & Consultancy Cell

S.No.	Date	FDR No.	Name Of Bank	Amount
1.	19.03.2013	7847996	ICICI Bank Limited	10000000.00
2.	19.03.2014	7847997	ICICI Bank Limited	10000000.00
3.	19.03.2015	7847998	ICICI Bank Limited	10000000.00
			TOTAL	30000000.00
4.			Accrued Interest on FDR (ICICI)	98025.00
			G. TOTAL	30098025.00

A handwritten signature in black ink, appearing to be 'K. P. Singh', written over a dashed horizontal line.

Dy. Registrar
(A/c)



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for B. Tech./B.Arch. students admitted in the session 2012-13

INSTITUTE FEE

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
A. Admission/Tuition Fees					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	17500.00	--	17500.00	--
Total (A)		18500.00	1000.00	18500.00	1000.00
B. Institute Fees (Common for all students)					
3.	Development	3000.00	3000.00	3000.00	3000.00
4.	Library & Book Bank	1000.00	1000.00	1000.00	1000.00
5.	Computer/Internet	1000.00	1000.00	1000.00	1000.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	300.00	300.00	300.00	300.00
8.	Industrial Training & Placement	1000.00	1000.00	1000.00	1000.00
9.	Examination	500.00	500.00	500.00	500.00
Total (B)		7800.00	7800.00	7800.00	7800.00
C. Group Insurance *					
10.	Insurance Fees (Annual)	400.00	400.00	--	--
Total (C)		400.00	400.00	--	--
Total (A+B+C)		26700.00	9200.00	26300.00	8800.00
D. One Time Payment at Admission					
11.	Institute Caution Money (refundable) (for All)	10000.00	10000.00	--	--
12.	Alumni Association Membership Fees	1000.00	1000.00	--	--
13.	Identity Card Charges	100.00	100.00	--	--
Total (D)		11100.00	11100.00	--	--

HOSTEL FEE

A. Hostel Fees					
1.	Room Rent	2400.00	2400.00	2400.00	2400.00
2.	Light & Water Charges	3600.00	3600.00	3600.00	3600.00
Total (A)		6000.00	6000.00	6000.00	6000.00
B. Hostel Caution Money & Mess Advance (for Hostellers)					
1.	Hostel Caution Money (one time refundable)	10000.00	10000.00	--	--
2.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00	10000.00	10000.00
Total (B)		20000.00	20000.00	10000.00	10000.00

* Group insurance fees will be as per actual.

For Hostellers	63800.00	46300.00	42300.00	24800.00
For Day Scholars	37800.00	20300.00	26300.00	8800.00



Fees Structure for M.Tech./M.Plan./M.Sc./MBA (Full-time) students admitted in the session 2012-13
INSTITUTE FEE

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
A. Admission/Tuition Fees					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	17500.00	--	17500.00	--
	Total (A)	18500.00	1000.00	18500.00	1000.00
B. Institute Fees (Common for all students)					
3.	Development	1000.00	1000.00	1000.00	1000.00
4.	Library & Book Bank	300.00	300.00	300.00	300.00
5.	Computer/Internet	1000.00	1000.00	1000.00	1000.00
6.	Sports & Creative Arts Society	500.00	500.00	500.00	500.00
7.	Students Welfare	300.00	300.00	300.00	300.00
8.	Industrial Training & Placement	250.00	250.00	250.00	250.00
9.	Examination	1000.00	1000.00	1000.00	1000.00
	Total (B)	4350.00	4350.00	4350.00	4350.00
C. Group Insurance *					
10.	Insurance Fees (Annual)	400.00	400.00	--	--
	Total (C)	400.00	400.00	--	--
	Total (A+B+C)	23250.00	5750.00	22850.00	5350.00
D. One Time Payment at Admission					
11.	Institute Caution Money (refundable) (for All)	10000.00	10000.00	--	--
12.	Alumni Association Membership Fees	1000.00	1000.00	--	--
13.	Identity Card Charges	100.00	100.00	--	--
	Total (D)	11100.00	11100.00	--	--

HOSTEL FEE

A. Hostel Fees					
1.	Room Rent	2400.00	2400.00	2400.00	2400.00
2.	Light & Water Charges	3600.00	3600.00	3600.00	3600.00
	Total (A)	6000.00	6000.00	6000.00	6000.00
B. Hostel Caution Money & Mess Advance (for Hostellers)					
1.	Hostel Caution Money (one time refundable)	10000.00	10000.00	--	--
2.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00	10000.00	10000.00
	Total (B)	20000.00	20000.00	10000.00	10000.00

* Group insurance fees will be as per actual.

For Hostellers	34350.00	16850.00	22850.00	5350.00
	+	+	+	+
	26000.00	26000.00	16000.00	16000.00
For Day Scholars	34350.00	16850.00	22850.00	5350.00





MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

JLN Marg, Jaipur-302 017, Rajasthan (India)
Ph. : 0141-2529087 • Fax : 0141-2529029