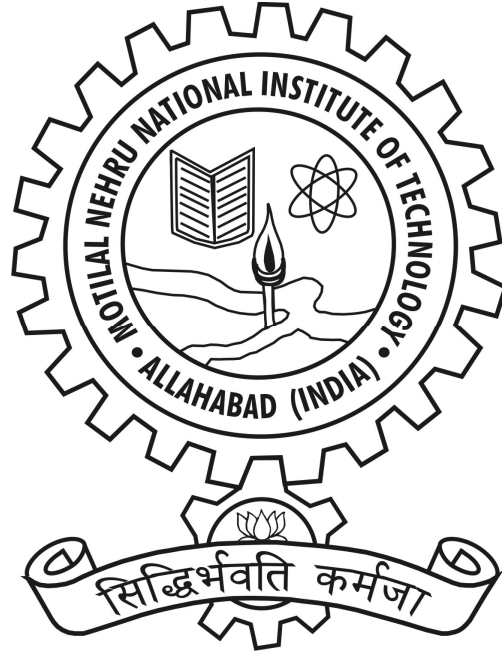


ANNUAL REPORT & AUDIT REPORT
WITH
AUDITED STATEMENT OF ACCOUNT
2011-12



MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
ALLAHABAD – 211004

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CHAPTER -1

INTRODUCTION

- 1.1 Vision
- 1.2 Mission
- 1.3 Goals

INTRODUCTION

1.1 Vision

- To establish a unique identity for the Institute amongst national and international academic and research organizations through knowledge creation, acquisition and dissemination for the benefit of society and humanity.

1.2 Mission

- To generate high quality human and knowledge resources in our core areas of competence and emerging areas to make valuable contribution in technology for social and economic development of the nation. Focussed efforts to be undertaken for identification, monitoring and control of objective attributes of quality and for continuous enhancement of academic processes, infrastructure and ambience.
- To efficaciously enhance and expand, even beyond national boundaries, its contribution to the betterment of technical education and offer international programmes of teaching, consultancy and research.

1.3 Goals

To initiate collaborative research programs in the following emerging areas with strong user (industry/society) linkages:

- **Advanced Technologies:** MEMs, Sensor Networks, Productivity Analysis, Mechatronics, Industrial Knowledge Management Systems, Computational Fluid Dynamics
- **Communication:** 4G Wireless & Mobile Networks, Signal Processing.
- **Education Technology** Ontology and Annotation Engineering, Meta Search Engine,
- **Behavioural Mining**, Community Supported Knowledge Management.
- **Energy Engineering:** Bio Fuels, Solar Cells, Hybrid Renewal Energy Systems, Virtual Instrumentation, Distributed Energy System, Energy Audit
- **Environment:** Urban and Industrial Waste Disposal, Climate Change Technologies.
- **Exploration Technology:** Remote Sensing and Resource Planning, Geotechnical Exploration.
- **Global Business:** Strategic Alliances, Intellectual Property Rights (IPR), Logistics, Forex Management, Socio- economic Policy Planning.

- **Health Care:** Bio Mechanics, Genomics and Proteomics, Rehabilitation Devices, Bio-informatics, Chem.-informatics.
- **Housing:** Health Monitoring and Rehabilitation of Structures, Smart and Energy Efficient Structures, Green Buildings.
- **IT & Services:** E- Governance, Web Service, Social Networks, Web-3, Multimedia Technology, Digital Right Management Systems.
- **Manufacturing:** Nano –fabrication, Robotics.
- **Materials Technology:** Composite, Smart, Multi functional and Nano-materials Synthesis and Characterization.
- **Strategic & Computing Technology:** VLSI, Embedded Real Time Systems, Grid & Cloud Computing, P2P Evolutionary Computing, Information Security.
- **Technology for Local and Regional Development:** Conventional Employment Opportunities, Rural Urban Migration Social Entrepreneurship, Public Private Partnership (PPP).
- **Transportation:** Rapid Surface Transportation.
- **Water Resources Management Technology:** Rural Water Treatment, Ground Water Management, Rain Water Harvesting.

To establish Centre of Excellence for the following:

- Academic Quality Monitoring and Control
- Advanced Materials Research
- Certification of Bio – Medical implants
- Health Monitoring and Rehabilitation of Structures
- Energy Audit and Loss Minimization
- Environmental Audit and Impact Assessment
- Urban and Industrial Waste Disposal
- Virtual Instrumentation
- Next Generation Communication Networks
- Competence in Service Sector
- Software Quality Certification

To establish Centre for following areas to address Institute and Society needs.

- Promoting social awareness about national problems and possible solutions
- International Collaboration
- Faculty Orientation and Development
- Skill Development for Rural Artisans and unskilled workers
- Innovation and Entrepreneurship Development
- Social Audit of Development Programs

To Start Following Academic Programmes:

- **M.Tech:** Hydro-power Irrigation Engineering, Transportation Engineering, Construction Engineering Management, Communication Systems, Energy system, Instrumentation & Signal Processing, Robotics & Automation, Nano- Technology.
- **B.Tech:** Mechatronics, Material Science & Engineering, Environment Engineering, Integrated MBA, Executive MBA
- **Certificate Program:** Management of Engineering Litigation
- Joint thesis and research projects with industry participation.
- Institutional Assistantships to promote PG and Doctoral Programmes
- External registration for doctoral programmes for working professionals
- Students participation in academic decision making and policy formulation
- Regular participation of student members in Department PG / UG Committees, Senate PG / UG Committees and Academic Senate
- Facilitating faculty to attend national and international conferences, training programmes and workshops.

CHAPTER-2

THE INSTITUTE

- 2.1 Historical Background
- 2.2 Location
- 2.3 Campus
- 2.4 Administration
- 2.5 Academic Programmes
- 2.6 Admission Procedure
- 2.7 Students
- 2.8 Examination and Evaluation
- 2.9 Hostels
- 2.10 Extra-curricular Activities
- 2.11 Training and Placement
- 2.12 Notable Achievements

THE INSTITUTE

2.1 Historical Background

Motilal Nehru National Institute of Technology Allahabad, Allahabad (MNNIT Allahabad) is an Institute with total commitment to quality and excellence in academic pursuits. It was established as one of the seventeen Regional Engineering Colleges of India in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh, and was an associated college of University of Allahabad, which is the third oldest university in India. For a short duration of two years (2000-2002), the Institute was affiliated to U.P. Technical University. With over 41 years of experience and achievements in the field of technical education, having traversed a long way, On June 26, 2002 MNREC was transformed into National Institute of Technology and Deemed University fully funded by Government of India. With the enactment of National Institutes of Technology Act-2007(29 of 2007), the Institute has been granted the status of institution of national importance w.e.f. 15.08.2007.

The Institute had begun with offering Bachelor Degree Programmes in Civil, Electrical and Mechanical Engineering. It was the first in the country to start an undergraduate programme in Computer Science & Engineering in 1976-77. Subsequently, in the year 1982-83 undergraduate programmes in Electronics Engineering and Production & Industrial Engineering were started. Further, in the year 2006-2007, two more undergraduate programmes in Chemical Engineering and Biotechnology were added.

The first Master's Programme of the Institute was introduced by the Mechanical Engineering Department in the year 1966. In all other Engineering Departments, Master's Programmes were introduced in the 1970-71. To add a new dimension to itself the Institute established School of Management Studies in 1996, which offers a two year / four semester post graduate degree programme in Management (MBA).

The Institute now offers nine B.Tech, twenty three M.Tech. Degree Programmes (including part-time), MCA, MBA, M.Sc. (Mathematics and Scientific Computing) and Master of Social work (M.S.W.) programmes and also registers candidates for the Ph.D. degree. The Institute has been recognized by the Government of India as one of the centres for the Quality Improvement Programme for M.Tech. and Ph.D.

The Institute has a very progressive policy towards extending all possible facilities to its faculty members to acquire higher degrees and receive advanced training. As a result, majority of the

faculty members possess Ph.D. degrees. The entire campus is networked with 94 Mbps lease line.

In the year 1972, the Institute initiated a self employment project and established an industrial estate with 68 sheds with the objective of encouraging entrepreneurs and creating additional employment avenues.

The Institute was selected as a lead institution in the Design theme under Indo-UK REC Project (1994-99). Under this scheme a Design Centre was established. The Institute has been selected as a Lead Institution under World Bank funded Government of India Project on Technical Education Quality Improvement Programme (TEQIP) (2002-2007). Two state level institutions were networked with MNNIT under the project. The institute has also been selected under TEQIP-II

2.2 Location

The city of Allahabad is situated at the confluence (Sangam) of three rivers Ganga, Yamuna and the mythological Saraswati. The earlier settlements of Aryans were established in this city, then known as Prayag; later it became the capital of the glorious Guptas. In 1583, Emperor Akbar built the fort at Sangam, where lies the Ashoka pillar, 11m high dating back to 232 B.C., having inscriptions of Samudragupta and Jehangir. The city was later ruled by the Marathas. It was finally ceded to the British by the Nawab of Awadh in 1801. In the 20th century the city became the nerve centre of India's freedom movement. Allahabad is known for academic ambience and presently houses six national level institutes/universities.

The maximum and minimum temperature of the city reaches 47°C and 4°C respectively. However, the normal temperature in summer ranges from 35°C to 25°C and in winter from 20°C to 10°C.

2.3 Campus

The Institute is spread over in area of 222 acres on Lucknow-Allahabad highway near the banks of the river Ganga in Teliarganj locality. The campus is divided into three parts :

1. Academic and Administrative Building, Banks, Sports field, Tennis Courts and Gymnasium, Hostel for P.G. Students and Multipurpose Hall.
2. Hostels for male students, Student Activity Centre and Industrial Estate.
3. Residential Area for faculty and staff, Executive Development Centre, Girl's hostel, International hostel and Dispensary.

The first Prime Minister of India, Pt. Jawahar Lal Nehru had laid the foundation stone on 3rd May, 1961.

The main building was inaugurated by another illustrious son of India, late Prime Minister Sri Lal Bahadur Shastri on 18th April, 1965. A quiet and congenial atmosphere for studies and research at the highest level prevails in the campus.

The Institute is about 9 km from Allahabad Junction Railway Station and about 4 km from the Prayag Railway station and 16 km from Bamrauli Air Port.

2.4 Administration

Board of Governors is the apex administrative body. The Director is the Principal Academic and Executive Officer of the Institute and is responsible for the proper administration of the Institute and for imparting instructions, maintenance of discipline therein. Director is assisted in his day to day work by Deans, Heads of the departments, Faculty-in-Charge for various functions, Registrar, other officers and various committees.

2.5 Academic Programmes

The Institute offers nine B.Tech, twenty three M.Tech, MCA, MBA, MSW and M.Sc. programmes. It also offers doctoral programmes in all the disciplines of Engineering, Sciences, Management, Humanities and Social Sciences.

2.6 Admission Procedure

B Tech. - Admissions are made on the basis of All India Engineering Entrance Examination (AIEEE) ranking conducted by Central Board of Secondary Education (CBSE), on behalf of the Govt. of India, MHRD.

M.Tech. - Admissions are made on the basis of candidate's score in the GATE Examination.

MBA - Admissions are made on the basis of CAT score conducted by IIMs and GD/PI held by MNNIT.

MCA-Admissions are made through All India Examination, NIMCET.

M.Sc. (Mathematics and Scientific Computing): Admissions are made on the basis of candidate's performance in the test / interview conducted by the Institute.

M.S.W. (Master of Social Work) : Admissions are made on the basis of candidate's performance in the test / interview conducted by the Institute.

Ph.D.-Applications are invited in the beginning of the session and after short listing of eligible candidates, admissions are done on the basis of presentation and interview.

2.7 Students

The Institute admits nearly 936 students to nine undergraduate programmes, 400 students to 19 M.Tech. programmes, 93 to MCA, 93 to MBA, 23 in M.Sc. and 23 in M.S.W. In addition significant number of students are admitted to doctoral programmes every year including Institute fellows. Students from countries such as Sri Lanka, Nepal, Bangladesh, Mauritius, Malaysia, Iran, Yemen, Iraq, Palestine, Syria, Saudi Arabia and Thailand also join MNNIT for various undergraduate, postgraduate and doctoral programmes. Teachers from other institutions come here to pursue M.Tech. and Ph.D. under QIP scheme as well as under self sponsored scheme. Large number of industry executives also join for Ph.D. programmes either as full time or part time (off campus) candidates.

2.8 Examination and Evaluation

The examination process is continuous, learning-oriented and transparent. Students' performance is evaluated on the basis of two mid term and one end term examination for each course, along with teacher's assessment, which is based on regularity of attendance, submission of assignments and class participation. The Institute is following a grading system with nine letter grades to denote various levels of performance.

The academic performance of each student is reviewed by a committee consisting of the Chairman SUGC/SPGC, the Dean (Academic) and the DUGC/DPGC Conveners at the end of each semester including summer semester. The academic performance is evaluated on the basis of grades obtained in courses registered, SPI and CPI. In the Eighth Convocation of the Institute was held on 29-10-2011 in which a total 872 degrees were conferred.

2.9 Hostels

The Institute is a fully residential institution. At present there are six boys' hostels, which are named after Purushottam Das Tandon, Madan Mohan Malviya, Bal Gangadhar Tilak, Sardar Vallabh Bhai Patel, Ravindra Nath Tagore, and Sir C.V. Raman. One boys' hostel, which was under construction, is now ready, named as Swami Vivekananda Hostel, is accommodating nearly 800 students.

Kamala Nehru Girls' Hostel is located inside the campus for accommodating girl students. One hostel is also available exclusively for P.G. Students with 250 single seated rooms and one International House for Ph.D. and International PG student. Hostel Messes are managed by nominated student representatives under the overall supervision of Chief Warden and team of Warden Incharge Boys' & Girls' Hostel and Wardens-I/Wardens-II.

2.10 Extra-curricular Activities

The Institute provides ample avenues for the development and nurturing of creative and other talents in the students through Student Activity Centre (SAC). All the activities are managed by students under the guidance of President SAC and a team of Faculty In-Charges for various events. The prime bodies under SAC are Students' Club and Gymkhana, which provide avenues for cultural and technical events, indoor games and outdoor games. Students are also encouraged and facilitated to take part in similar events in other institutions.

2.10.1 Student Activity Centre (SAC)

The centre provides ample avenues for the development and nurturing of creative and other talents in the students. All the activities are managed by students under the guidance of President SAC and a team of Faculty In-Charge for various events. The prime activities are coordinated through following bodies.

Gymkhana

Gymkhana is a student governed organization that cultivates leadership, encourages students to participate in outdoor activities, and provide facilities for games and sports. The members of the staff monitor activities of Gymkhana and help the students in organizing and managing their functions. Gymkhana provides facilities for out-door games like Athletics, Cricket, Foot-ball, Hockey, Badminton, Basket-ball, Base-ball, Lawn-Tennis, Squash, Gymnastics, Yoga-Exercise, Boxing and Volley-ball etc.

Each game is looked after by a captain and an officer in charge. Captain of the game is nominated by the President Students Activity Centre. All the games are properly run with the assistance of Gymkhana staff.

Students' Club

The Student's Club provides facilities of indoor games (Table Tennis, Carom, Chess etc.) to all students. Cultural activities like music and drama, hobbies like photography, painting, drafting and literary activities like debates, seminars etc. are encouraged. A large number of Newspapers and magazines are also subscribed. General merchandise as well as newspapers & magazine shops are available.

Students' Club is divided into six main sections:

(a) Literary (b) Cultural, Dramatic and Music (c) Photography and Painting (d) Indoor Games (e) Radio and Hobby (f) Film. Each section is looked after by committee of students elected

from each hostel under the guidance of staff member, nominated by the President. The general things being equal, NCC (Cadets) candidates who are certificate - holders are given priority. C-certificate holder, after getting commission in the Army are given six months seniority on their course marks.

Activities Organised Under SAC 2011-2012

Culrav 2011-2012

Culrav, the much-sought three day cultural event was organized during 27th - 29th January 2012 and turned out to be a great success. This was possible only due to the efforts taken up the organizing committee, the all-round active participation of the students and especially the faculty members for giving their support and guidance to their students, which enabled them to bring out their best for the events. Art gallery organized for the first time was also a new attraction this year. Apart from it so many events like the “Kavya Sandhya” was one of the highlight as it was graced by renowned poets like Sh. Nida Fazli and Sh. Munnwawar Rana. The musical events, Fantastic Rocktave, the dance show (Razmattazz), Fashion show events (Spandan) and the literary events provided great amount of interest for the participants along with the different rounds of Varchasva to spice things up. Culrav ended on a bright note with fantabulous performances from the Bandish Band and from Ms. Shruti Pathak, both of whom were literally able to set the stage on fire.

AVISHKAR-2011

After three action packed days of excitement and all the adrenaline rush Avishkar 2011, the annual illustrious techno-management fest of college left an imperishable impression on the participants. Be it the insomniac excitement behind robotics or the mindboggling search for the online treasure hunt, the zeal and vigour of participants from all over the country set a tense competitive atmosphere all over the college. Avishkar 2011 saw participation like never before. Around 300 outside participants of 100 institutions also participated this year too. Every event related to the various engineering branches had its own intricacy and a healthy competitive spirit. This year saw new level of innovation with events like the business plan, paper presentations, scrap renovations etc. All in all, the success of Avishkar was so stupendous that not a single participant went back without their respective conquests.

ANNUAL ATHLETIC MEET-2011

“Losers quit when they’re tired. Winners quit when they’ve won.”

It is with this sentiment, the Annual Athletic Meet of Motilal Nehru National Institute of Technology was held on 18th-20th November 2011 within the campus arena. It witnessed huge participation from both the student and faculty members. More than 300 enthusiastic students and around 100 faculty members and non-teaching staff participated in the meet with great enthusiasm and zeal. The spirit of the participants was worthy of admiration and sports was certainly in the air. Mutual respect and true sportsmanship were the assets of this year’s meet. From intense track and field events to informal Tug of War, every event was exhilarating to watch.

The meet had its quota of excitement, suspense and high levels of great sporting spirit. “Adversity causes some men to break; others to break records”- This was truly witnessed in these 3 days as many old records were broken and new records were made. Mr. Zarine Aslam set up a new record in triple jump. Among all the competitors, Mr. Anshumaan Bisht and Mr. Praful Sahu stood apart, winning the best athlete awards.

Gnosiomania 2012

GNOSOMANIA, as the name suggests, is the quizzing extravaganza held for people passionate about knowledge and quizzing. It received huge participation of students irrespective of their streams. Gnosomania 2012 commenced with GNO-TALKS, which is an open-panel discussion where the topic of discussion was “Kashmir Conflict”. The panellists grave issue of Kashmir conflict saw several popcorn-munching turns before reaching an unflinching conclusion with inputs from both panellists and the students. The next two days of the fest saw intense quizzing events with quiz on different fields like entertainment, sports, business, literature, history, religion, India and many more. These quizzes were hosted by famous quiz-masters like Manimugdha Sharma, Editor-in-Chief of Times of India and Avinash Mudaliyer. The other event was Mall-ee, where students put up their stalls in college itself with a small amount of capital and try to earn the maximum profit in two days to win the competition. The students showcased their business skills with unique ideas and were mostly seen persuading their friends and other students to visit their stalls. Set apart competitions, students gained knowledge, utilised it, showed their skills and had fun; overall they had a gala time enjoying GNOSOMANIA 2012. In addition, various other events viz., under SPIC MACAY were also organized under by student activity centre.

2.11 Training and Placement

Campus Recruitment Programme conducted by this Institute is a very vital Activity.

A very close interaction between the students and company executives has created excellent placement record. The student members of the placement committee actively participate in organizing campus recruitment programme. By hard work and dedication, our students have created enviable position in Indian Industries.

The Institute has excellent record of assuring jobs in prestigious organizations before they leave the Institute. Over 148 companies visit the Institute during the year – 2011-12 for Campus Selection, including M.N.Cs., Public Sector, Defence and leading Private Sector Companies.

This year one of our student Mr. Udai Jalan from Electronics & Communication Engineering Department got a record offer of Rs. 1.34 Crs. (CTC) from Facebook.

Besides this, the Department also arranges summer training Programme for students of B.Tech. 6th Semester and MBA 2nd Semester.

The following table gives the statistics of placement for the passing out batch 2011-12.

For B.Tech. Courses.

Courses	No. of students	No. of students selected	%age of placement
B.Tech. Biotechnology	22	17	77.27
B.Tech. Civil Engineering	60	43	71.66
B.Tech. Chemical Engineering	25	21	84.00
B.Tech. Computer Science & Engineering	128	123	96.09
B.Tech. Electronics & Commn Engineering	104	98	94.23
B.Tech. Electrical Engineering	61	59	96.72
B.Tech. Information Technology	51	44	86.27
B.Tech. Mechanical Engineering	101	92	91.09
B.Tech. Production & Industrial Engineering	31	27	87.05
Total	583	524	89.88

For M.Tech and other P.G. Programme

Courses	No. of students	No. of students selected	%age of placement
MCA	63	51	80.95
MBA	62	51	82.26
M.Tech (All branches)	318	168	52.83
Total	443	270	60.94

2.12 Notable Achievements

The year has been highly fruitful in terms of academic achievements. The faculty members visited various countries as invited faculty and to attend international conferences. A total of 354 research papers were published. 19 books were published by faculty during the year. Number of faculty members have received national and international honours and awards. 26 Faculty member were invited to deliver talks and lectures. 29 research projects are undergoing in various departments. Large number of faculty attended conferences, workshops and seminars. A large number of guest lectures were organised for the benefit of students, from scholars of international repute.

CHAPTER -3

GENERAL FACILITIES AND SERVICES

- 3.1 Computer Centre
- 3.2 Workshops and Laboratories
- 3.3 Central Library
- 3.4 Dispensary
- 3.5 Vehicle

GENERAL FACILITIES AND SERVICES

3.1 Computer Centre

The Computer Centre is equipped with 300 state of the art Pentium machines with Windows and LINUX environment. The Centre has acquired about 24 workstations in low, medium and high-end performance range with the latest software. These machines are networked on Institute Internet with six high end servers besides state of the art SUN Fire Server. There are five mid end and low end servers also. The facilities of the computer centre have been augmented and modernized in the reporting year with an investment of Rs. 1 crore. The entire computing facilities of the campus of the institute are networked through optical fibre at a backbone band width of 44GBPS to share the resources.

The Computer Centre is connected to Internet through 34 Mbps BSNL lease line. Apart from above computing facilities, a Parallel Computing Laboratory with PARAM 10000 Super Computer and PARAM 8000 machine, Computer Vision and Robotic laboratory having Pentium machines with all suitable peripherals and software needed for vision system and Computer System laboratory for requisite hardware experiments are in the Computer Science Engineering Department. The Department has recently established a state of the art lab for mobile computing and networking.

3.2 Workshops and Laboratories

Department	Name of the lab/workshop
Applied Mechanics	1. Workshop 2. Material Science 3. Strength of Material 4. Computer 5. Smart Material Research 6. Bio Technology 7. Hydraulic 8. Fluid Mechanics 9. Engineering Mechanics
Civil Engineering	1. Structural Engineering 2. Geo-Technical 3. Environment 4. Transportation 5. CAD 6. Survey of Geo-informatics

	7. GIS
	8. Water Resources and Soft Computing
Computer Science and Engineering	1. Computer Centre 2. Computing Laboratories
Electrical Engineering	1. Design & Fabrication 2. Measurement & Instrumentation 3. Electrical Machines 4. Computer simulation 5. Power Electronics 6. Power system 7. High Voltage
Electronics Engineering	1. Basic Electronics 2. Communication 3. VLSI 4. Advanced Computer Architecture 5. Advanced Electronics 6. Digital Signal Processing 7. PARAM
Mechanical Engineering	1. Refrigeration & NC 2. I.C. Engines 3. Steam Power Engineering 4. Automobile Engineering 5. Instrumentation 6. Machine Element 7. Heat and Mass Transfer 8. CAM 9. Central Workshop 10. Foundry 11. Metrology 12. Machine Tool 13. EDM 14. CAD 15. Drawing Office 16. Computational Research Lab 17. PDM Lab 18. Mechatronics Lab
HSS	1. Language Lab
SMS	1. Digital Management Lab 2. Behaviour Dynamics Lab

3.3 Central Library

An area of about **2455.49 sqm.** has been occupied by the present Library building. It contains a Reading Hall 388 sq.m in which **100** readers can be accommodated at a time, a Stack-room of 470.42 sq.m having a collection of about 94,067 approx books. A Bound Periodical section having a collection of 21,605 approx volumes and a sitting capacity of **40** readers at a time, a current periodical section of which 151 periodicals are being subscribed annually at a cost of ₹1,49,53,655-00 approx. also having a sitting capacity of **40** readers at a time.

Membership

The membership of the Central Library is open to students, teachers and the other administrative and technical officer and staff of the institute. The present membership is about 4825 approx.

Working Hours

The Library working hours are from 9.00 am to 12.00 midnight. The circulation section will remain open between 09-30 am to 08-30 pm on week day. On Saturdays / Sundays will remain open between 10-30 am to 1-45 pm. A total to 37,000 approx books were transaction during the year.

Collection as on 31-3-2012

Bound periodicals	21,605
Books and other reading material	94,067
Total	1,15,672

Additional during the year

Bound Periodicals	310
Book and other reading material	2700
Total	3010

Journals

During the current year the library subscribed 149 journals (International-85 + National-66).

News Paper and Magazine

News paper and Magazine corner is locate First floor in the Library. The Library subscribes 12 newspapers (05 Hindi & 07 English) and 12 popular magazines on different topics.

Internet Access Facility

The Central Library provides 25 internet connections to its user and majority of students frequently use on-line journals for their research activities.

Multimedia Library

Video viewing facility is available for self study through video tapes of course materials and lecturing facility for all users during all working days and Saturdays and Sundays. More than 1343 video tapes are available with the library.

National Programme on Technology Enhanced Learning (NPTEL)

NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanities streams. The mission of NPTEL is to enhance the quality of Engineering education in the country, for access of video courses, please click <http://172.31.100.75>.

Online Public Access Catalogue (OPAC)

Library has fully computerized catalogue search facility available to users through intranet.

Library Subscribe e-Resources

S.L.	e-Resources	Website
1-	Science Direct Back files (Year 1995 and onwards) Engineering and Technology	http://www.sciencedirect.com/
2.	Lecturer Notes on Computer Science from Springer	http://www.springerlink.com
3.	CMIE	Available on Intranet
4.	Emerald extra 175	http://www.emeraldinsight.com/
5.	International Journal of Control	http://www.tandfonline.com/toc/tcon20/current
6.	ASTM Standard	http://enterprise.astm.org
7.	Journals of Nanoelectronics and Optoelectronics	http://www.aspbs.com/jno.htm
8.	Journal of Vacuum Science and Technology	http://avspublications.org/jvsta/resource/1/jvtad6

Online Journals

The following online journals are available from INDEST –AICTE consortium.

S.L.	Full-Text Database	Link
1.	ACM Digital Library	http://portal.acm.org/portal.cfm
2.	ASCE Journals	http://scitation.aip.org/publications/myBrowsePub.jsp
3.	ASME Journals	http://scitation.aip.org/publications/myBrowsePub.jsp

4. Elsevier Science Direct	http://www.sciencedirect.com/
5. IEEE/IEE Electronic Library online (IEL)	http://ieeexplore.ieee.org/
6. Indian standards (Intranet version)	http://172.31.57.20/bis_asp/start.shtml
7. Springer Verlags Link	http://www.springerlink.com
8. Nature	http://www.nature.com

Classification & Cataloguing

All the library books are classified as per “Dewey Decimal Scheme of Classification” and catalogued as per “AACR-II rules”.

Reprographic Services:

Provides for the personal use of users the copies of information materials available in library on payment basis.

Textbook Lending Book Bank

The Book bank of the Institute helps the students of U.G. courses and MCA Students by making textbooks available to them from the Book bank for largest duration. About 3215 students were benefited by this scheme and 9645 books were issued to during the year.

SC/ST Book bank

Under centrally sponsored scheme for SC/ST students a total of 75 student of U.G. courses were benefited by this scheme and 375 books issued to them. Under this scheme no rent is charged from the SC/ST students.

3.4 Institute Dispensary

It is an out patient Dispensary catering to the following needs of approximately 3000 students and similar number of staff & their dependents.

Timing of Dispensary:

All working days of institute: From 7.30 am to 6.00 p.m.

All Saturdays and Sundays: From 9.00 am to 1.00 p.m.

Facilities:

- Consultation & Dispensing of medicines to students, staff & their dependents.
- Special facilities of E.C.G., sugar testing by Glucometer

- Services of Dental surgeon, Orthopedic surgeon, Ophthalmic surgeon, Skin specialists, Gynecologist are available on different days (see Duty chart)
- Homeopathic medicines also being provided under consultation of Homeopathic consultant.
- Physiotherapist is also available for all type of physiotherapy.
- Organization of different camps and talks for benefit and awareness of masses for diseases like Hepatitis, AIDS, Asthma, Diabetes and Arthritis.

Presently all the work at dispensary are carried out by following staff:

Medical Officer I/C

Dr. Nirmal Agarwal

- **Part Time Doctors**

Dr. K. K. Dwivedi	-	General Duty
Dr. Anish Bhatnagar	-	General Duty
Dr. S.K. Mishra	-	General Duty
Dr. A. K. Chaubey	-	General Duty
Dr. Mridula Vyas	-	General Duty (Lady Doctor)
Dr. K. K. Singh	-	Homeopathic
Dr.Sanjay Baranwal	-	Ayurvedic

- **Consultants**

Dr. B. N. Singh	-	Cardiologist
Dr. T. N. Vyas	-	Ophthalmologist
Dr. A. Hashmat	-	Orthopedic Surgeon
Dr. P. Upadhyay	-	Dental Surgeon
Dr. Shanta Gujrati	-	Gynaecologist
Dr. Nishant Nigam	-	Skin specialist
Dr.Vipul Mehrotra	-	Psychiatrist & Neurophysician
Dr.Manish Agarwal	-	Paediatrician
Dr.S.K.Agarwal	-	E.N.T Surgeon

- **Physiotherapy**

Physiotherapy is conducted under supervision of physiotherapist Mr. Piyush Kumar Singh and Mr. Vijay Mauraya.

- **Compounders**

Three compounders are managing complete dispensing of medicines & assisting specialist doctors, during dispensary hours.

- **Dressers**

Two dressers are there to help in dressing injections and miscellaneous work of Dispensary during dispensary hours.

- **Nurse**

One Nurse is there to help Gynaecologist and for miscellaneous work.

3.5 Vehicle

Vehicle section has following vehicles through which number of facilities are provided to students, staff and faculty members of the Institute.

Car

MUV

BUS (52 Seater)

BUS (32 Seater)

Ambulance

Facilities Provided

- Bus facility is provided to students from Institute to Civil Lines on all week days.
- Buses are also provided for education tour of students.
- Bus facility is provided to wards of staff and faculty members to some select school on select route on subsidized rate.
- Vehicles are also provided for any official visit provided approved by the competent authority. Requisition slip is provided on Intranet of the Institute.
- Vehicle is also provided to staff and faculty members for picking and dropping to Railway station, Bus stand and Airport on payment basis. The guidelines for availing this facility and requisition slip is provided on the Internet of the Institute.
- Ambulance facility is free of cost to student and for staff and faculty members it is on subsidized rate of Rs. 5.00/km.

Bus Service For Students

Bus facility to students are provided on following route and time-table

- Institute (MP Hall) to Civil Lines via Anand Bhawan →Balson Crossing→ Medical College Crossing →Indira Bhawan Crossing →Patthar Girija Ghar (Stone Church, Civil Lines).
- Return by following the same route

Terminus

Near “Patthar Girija Ghar (Stone Church)” (Civil Lines)

Schedule

For Saturday and Sunday

Trip No.	From Institute	From Civil Lines
1	11.00AM	12.30PM
2	02.30PM	03.30PM
3	05.00PM	07.30PM
4	08.30PM	09.30PM

For Monday to Friday

Trip No.	From Institute	From Civil Lines
1	06.00PM	07.00PM
2	07.30PM	08.00PM
3	08.30PM	09.30PM

Stoppage: Ganga gate, Crossing for Prayag Station, Anand Bhawan, Medical College Crossing, P.D. Tondon Park Crossing, Indira Bhawan Crossing, Stone Church Crossing.

Note: Students are required to carry a valid Institute ID card to avail this service.

Manpower

Three full time drivers are there in vehicle section. For rest services manpower is hired through Manpower Providing Agency.

CHAPTER-4

ADMINISTRATIVE BODIES

- 4.1 Board of Governors
- 4.2 Finance Committee
- 4.3 Building and Works Committee

ADMINISTRATIVE BODIES

4.1 BOARD OF GOVERNORS

**Constitution of Board of Governors of MNNIT Allahabad as per NIT Act 2007 (29 of 2007)
Section 11**

The Chairperson to be nominated by the Visitor

- | | |
|---|----------|
| 1. Dr. V.K. Saraswat
Scientific Adviser to Raksha Mantri
& Secretary, Department of Defence R & D, DRDO
New Delhi. | Chairman |
|---|----------|

The Director, ex officio

- | | |
|---|--------|
| 2. Prof. P. Chakrabarti
Director
Motilal Nehru National Institute of Technology Allahabad | Member |
|---|--------|

Two persons not below the rank of Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance.

- | | |
|---|--------|
| 3. Joint Secretary (Technical Education)
Government of India
Ministry of Human Resource Development
New Delhi | Member |
| 4. Financial Advisor
Integrated Finance Division
Government of India
Ministry of Human Resource Development
Department of Higher Education
New Delhi | Member |

Two persons nominated by the Government of U.P.

- | | |
|--|--------|
| 5. Director
Harcourt Butler Technological Institute
Kanpur | Member |
| 6. Director
Kamla Nehru Institute of Technology
Sultanpur | Member |

Two persons, at least one of whom shall be a woman, nominated by the Council

7. Prof. Ashutosh Sharma Member
Professor,
Department of Chemical Engineering
Indian Institute of Technology
Kanpur
8. Dr. T.S. Rama Devi Member
Group Director
I.S.R.O. Martial System Unit
IISU Complex, Vathiyoarkava
P.O. Thiruvanthapuram

**One Professor and one Assistant Professor or a Lecturer of the Institute nominated
by the Senate**

9. Dr. S.K. Agarwal Member
Professor,
Department of Mechanical Engineering
Motilal Nehru National Institute of Technology Allahabad
10. Mr. Deepesh Tiwari Member
Assistant Professor
Industry Institute Interaction Cell
Motilal Nehru National Institute of Technology Allahabad

Registrar of the Institute as Ex-officio Secretary

11. Dr. Sarvesh K. Tiwari Secretary
Registrar
Motilal Nehru National Institute of Technology Allahabad

Three meetings of the Board of Governors were held during the year 2011-12

4.2 FINANCE COMMITTEE

Constituted Finance Committee as per First Statutes of NITs Section 10

The Chairperson Board of Governors, ex-officio Chairman

1. Dr. V.K. Saraswat Chairman
Scientific Adviser to Raksha Mantri
& Secretary, Department of Defence R & D, DRDO
New Delhi.

Director, Ex officio, member

2. Prof. P. Chakrabarti Member
Director
Motilal Nehru National Institute of Technology Allahabad

Joint Secretary dealing with NIT or his nominee and Financial Advisor (Human Resource Development) or his nominee members

3. Joint Secretary (Technical Education) Member
Government of India
Ministry of Human Resource Development
New Delhi
4. Financial Advisor Member
Integrated Finance Division
Ministry of Human Resource Development
Government of India
New Delhi

Two persons nominated by the Board amongst its members

5. Prof. Ashutosh Sharma Member
Professor
Department of Chemical Engineering
Indian Institute of Technology
Kanpur
6. Director Member
Harcourt Butler Technical Institute
Kanpur

The Registrar, Ex-officio Member

7. Dr. Sarvesh K. Tiwari Member Secretary
Registrar
Motilal Nehru National Institute of Technology Allahabad

Three meetings of the Finance Committee were held during the year 2011-2012

4.3 BUILDING AND WORKS COMMITTEE

Constituted Building and Works Committee as per First Statutes of NITs Section 12 The Director, Ex-officio, the Chairman of the Committee

1. Prof. P. Chakrabarti Chairman
Director
Motilal Nehru National Institute of Technology Allahabad

One member nominated by the Central Government not below the rank of Director or Deputy Secretary

1. Deputy Secretary (NITs) Member
(Deptt. of Higher Education), MHRD
New Delhi

One member nominated by the Board of Governors

2. Superintending Engineer Member
Indian Institute of Technology
Kanpur

Dean (Planning and Development) or similar position

3. Prof. R.K. Srivastava Member
Dean (Planning & Development)
Motilal Nehru National Institute of Technology Allahabad

One expert each from Civil and Electrical Engineering wing of Central or State Government or any autonomous body of repute

4. Executive Engineer (Civil) Member
Allahabad Central Division
CPWD, Allahabad
5. Executive Engineer (Electrical) Member
Allahabad Central Division
CPWD, Allahabad

Registrar, ex-officio Member Secretary

6. Dr. Sarvesh K. Tiwari Member Secretary
Registrar
Motilal Nehru National Institute of Technology Allahabad

7. Director (Finance) Special Invitee
Integrated Finance Division
Department of Higher Education
Ministry of Human Resource Development
Government of India
New Delhi

Two meetings of the Building and Works Committee were held during the year 2011-2012

CHAPTER-5

THE STAFF

- 5.1 Academic Staff
- 5.2 Administrative Officers
- 5.3 Technical Staff
- 5.4 Ministerial Staff
- 4.5 Support Staff

THE STAFF

5.1 Academic Staff

Head of Institution

- (i) Prof. B.D. Chaudhary (w.e.f. 02.06.2011 (Officiating)
Director
- (ii) Prof. P. Chakarbarti (w.e.f. 03.06.2011)
Director

List of Professors

S. No.	Name	Department	Remarks
1.	Dr. B.D. Chaudhary	CSED	
2.	Dr. Krishna Kant	CSED	Retired on 31.07.2011
3.	Dr. Satish Chand	MED	Retired on 31.07.2011
4.	Dr. S.K. Agrawal	MED	
5.	Dr. Satya Sheel	EED	
6.	Dr. A.K. Misra	CSED	
7.	Dr. I.K. Bhat	AMD	(on deputation)
8.	Dr. Triloki Nath	AMD	Retired on 30.06.2011
9.	Dr. T.N. Sharma	ECED	Retired on 30.06.2011
10.	Dr. V.K. Nema	MED	Retired on 31.10.2011
11.	Dr. R.K. Srivastava	CED	
12.	Dr. S.C. Prasad	CED	
13.	Dr. Rakesh Mathur	AMD	
14.	Dr. R.C. Mehta	AMD	Retired on 30.06.2011
15.	Dr. P. K. Mishra	MED	
16.	Dr. Sudarshan Tiwari	ECED	
17.	Dr. P. R. Agrawal	SMS	
18.	Dr. Nirjhar Roy	MED	
19.	Dr. S. K. Duggal	CED	
20.	Dr. K. M. Gupta	AMD	
21.	Dr. Dinesh Chandra	EED	
22.	Dr. Vineeta Agarwal	EED	
23.	Dr. R. K. Srivastava	MED	
24.	Dr. Peetam Singh	Mathematics	

S. No.	Name	Department	Remarks
25.	Dr. Rajeev Tripathi	ECED	
26.	Dr. M.M. Gore	CSED	
27.	Dr. K.K. Shukla	AMD	
28.	Dr. Rakesh Narain	MED	
29.	Dr. Anuj Jain	AMD	
30.	Dr. N. D. Pandey	Chemistry	
31.	Dr. Sunita Agarwal	CSED	
32.	Dr. Geetika	SMS	
33.	Dr. R.K. Singh	EED	
34.	Dr. Vinod Yadava	MED	
35.	Dr. R.P. Tiwari	CED	
36.	Dr. P.K. Dutta	Chemistry	
37.	Dr. Haranath Kar	ECED	
38.	Dr. Anil Kr. Sachan	CED	
39.	Dr. P.P. Sahay	Physics	
40.	Dr. M.D. Singh	MED	
41.	Dr. A.K. Singh	CED	
42.	Dr. R.D. Gupta	CED	
43.	Dr. Mahendra Kumar	Physics	
44.	Dr. Sanjay Chaubey	Physics	
45.	Dr. Niroj Banerji	HSS	
46.	Dr. V.K. Srivastava	ECED	
47.	Dr. R. C. Vaishya	CED	
48.	Dr. R.S. Yadav	CSED	
49.	Dr. R.K. Tripaihi	EED	
50.	Dr. Ram Pal Singh	CED	

List of Associate Professor

1.	Dr. H S Goyal	MED
2.	Sri Y. K. Gupta	CED
3.	Smt. Vijaya Bhadauria	ECED
4.	Shri Anirudh Narain	EED

S. No.	Name	Department	Remarks
5.	Dr. Neeraj Tyagi	CSED	
6.	Dr. L. K. Mishra	CED	
7.	Dr. Ravi Prakash	MED	
8.	Dr. Amit Dhawan	ECED	
9.	Shri Paulson Samuel	EED	
10.	Dr. Sanjeev Sinha	MED	
11.	Dr. S.K. Poddar	MED	
12.	Dr. Shubhi Purwar	EED	
13.	Dr. Mukul Shukla	MED	
14.	Dr. Shiv Dutt Kumar	Mathematics	
15.	Dr. S.S. Narvi	Chemistry	
16.	Dr. S. N. Pandey	Physics	
17.	Dr. Tanuj Nandan	SMS	
18.	Dr. K.N. Pandey	MED	
19.	Dr. R.K. Nagaria	ECED	
20.	Dr. Pankaj Srivastava	Mathematics	
21.	Mr. Rajesh Kumar Tripathi	CSED	
22.	Dr. P.K. Mehta	CED	
23.	Dr. Asheesh Kr. Singh	EED	
24.	Dr. Rakesh Kumar	CED	
25.	Dr. Rajesh Gupta	EED	
26.	Dr. Ganesh Prasad Sahu	SMS	
27.	Dr. Manoj Kumar	Mathematics	
28.	Dr. D.S. Kushawaha	CSED	
29.	Dr. (Mrs.) Sadhana Sachan	Chemical Engineering	
30.	Dr. G. K. Mehrotra (CAS)	Chemistry	From 28.01.2012
31.	Dr. Rajeev Srivastava	MED	From 12.02.2012
32.	Dr. Raj Mohan Singh	CED	From 12.02.2012
33.	Dr. Nand Kishor	EED	From 12.02.2012
34.	Dr. Shivesh Sharma	Biotechnology	From 24.02.2012

S. No.	Name	Department	Remarks
List of Assistant Professor			
1.	Sri Deepesh Tiwari	III Cell	
2.	Sri A. C. Agrawal (CAS)	MED	Retired on 31.01.2012
3.	Dr. Vijay Shankar Tripathi	ECED	
4.	Dr. Ram Awadh Mishra	ECED	
5.	Dr. Avanish Kumar Dubey	MED	
6.	Dr. S. N. Pandey	Mathematics	
7.	Dr. Ambalika Sinha	HSS	
8.	Dr. Arvind Agrawal	Physics	
9.	Dr. Ravi Prakash Tiwari	AMD	
10.	Sri Manoj Wairiya	CSED	
11.	Sri Anil Kumar Singh	CSED	
12.	Sri Audhesh Narain	MED	
13.	Sri D.K.Yadav	CSED	
14.	Sri S.J. Pawar	AMD	
15.	Smt. Richa Negi	EED	
16.	Sri M.K. Khurana	MED	
17.	Dr. Samir Saraswati	MED	
18.	Mrs. Vandana Agrawal	MED	
19.	Sri Anoj Kumar	CSED	
20.	Dr. Tripti Singh	SMS	
21.	Dr. Rajesh Kumar Shastri	HSS	
22.	Mr. Arvind Kumar	ECED	
23.	Mr. Sandeep Kumar Harit	CSED	
24.	Mr. Asim Mukharjee	ECED	
25.	Dr. Kumar Venkatesh	CED	
26.	Dr. Sumedha Chakma	CED	
27.	Mr. Mayank Pandey	CSED	
28.	Sri Rajeev Gupta	ECED	
29.	Dr. Mukesh Kumar	Mathematics	
30.	Dr. S. Bhola Nath Mishra	MED	

S. No.	Name	Department	Remarks
31.	Dr. Gautam Ghosh	CED	
32.	Dr. V. Krishna Rao	ECED	
33.	Dr. Sahadev Padhye	Mathematics	
34.	Dr. Manoj Tripathi	EED	Resigned on 26.04.2011
35.	Dr. Mohd Siraj Alam	Chemical Engineering	
36.	Dr. Tamal Ghosh	Chemistry	
37.	Dr. Venketeshwara Rao Koma	MED	
38.	Mr. Akshoy Ranjan Paul	AMD	
39.	Mr. Abhishek Kumar	AMD	
40.	Mr. Pitam Singh	Mathematics	
41.	Mr. Nitin Singh	EED	
42.	Dr. Sangeeta Negi	Biotechnology	
43.	Dr. Nand Kumar Singh	Biotechnology	
44.	Dr. Ashutosh Pandey	Chemistry	
45.	Dr. Naresh Kumar	Physics	
46.	Dr. S.R. Mohanty	EED	
47.	Dr. Priya Ranjan Pal	CED	
48.	Dr. Nek Ram Rawal	CED	
49.	Dr. Piyali Ghosh	SMS	
50.	Dr. Animesh Kumar Ojha	Physics	
51.	Dr. Ramesh Pandey	AMD	
52.	Dr. Jyotsana Sinha	HSS	
53.	Dr. Ravindra Tripathi	HSS	
54.	Dr. Vibhuti Tripathi	SMS	
55.	Dr. Rabindra Kumar Patel	MED	
56.	Dr. Vishnu Agrawal	Biotechnology	
57.	Dr. Dharmendra Kumar Shukla	MED	
58.	Dr. Manisha Sachan	Biotechnology	
59.	Dr. Abdur Rahaman Quaff	CED	Resigned on 30.09.2011
60.	Dr. Seema Nara	Biotechnology	
61.	Dr. Varun Singh	CED	

S. No.	Name	Department	Remarks
62.	Dr. Shalinee Shukla	CED	
63.	Dr. Rama Shankar	CED	

List of Assistant Professor (on Contract)

1.	Mr. Ajay Bharti	AMD	
2.	Mr. Praveen Kumar Agarwal	MED	
3.	Mr. Manish Gupta	MED	
4.	Mr. Ashutosh Kumar Upadhaya	AMD	
5.	Ms. Ritu Arya	Chemical Engineering	
6.	Mr. Manish Tiwari	ECED	
7.	Ms. Sarika Kalra	EED	
8.	Mr. Krishna Kumar Mishra	CSED	
9.	Mr. Basant Kumar	ECED	
10.	Mr. Sanjeev Rai	ECED	
11.	Mr. Anindya Bhar	AMD	

List of Head of Departments

1.	(i) Dr. Rakesh Mathur	AMD	upto 17.08.2011
	(ii) Dr. K.K. Shukla	AMD	w.e.f. 18.08.2011
2.	(i) Dr. S.K. Duggal	CED	upto 26.07.2011
	(ii) Dr. R.P. Tewari	CED	w.e.f. 27.07.2011
3.	Dr. N.D. Pandey	Chemistry	
4.	Dr. M.M. Gore	CSED	
5.	(i) Dr. Dinesh Chandra	EED	upto 10.07.2011
	(ii) Dr. R.K. Singh	EED	w.e.f. 11.07.2011
6.	(i) Dr. Sudarshan Tiwari	ECED	upto 10.08.2011
	(ii) Dr. Rajeev Tripathi	ECED	w.e.f. 11.08.2011
7.	(i) Dr. P. R. Agarwal	HSS	upto 22.08.2011
	(ii) Dr. A. D. Bhatt	HSS	w.e.f. 23.08.2011
	(iii) Dr. S.K. Agrawal	HSS	w.e.f. 23.02.2012
8.	(i) Dr. P. K. Mishra	MED	upto 15.06.2011
	(ii) Dr. Nirjhar Roy	MED	w.e.f. 16.06.2011

S. No.	Name	Department	Remarks
9.	Dr. P. P. Sahay	Physics	
10.	(i) Dr. Geetika	SMS	upto 22.08.2011
	(ii) Dr. P. R. Agrawal	SMS	w.e.f. 23.08.2011
11.	(i) Dr. K. K. Shukla	Mathematics	upto 30.08.2011
	(ii) Dr. Shiv Dutt Kumar	Mathematics	w.e.f. 01.09-.2011
12.	Dr. Sudarshan Tiwari	Chairman, GIS Cell	

List of Deans

1.	(i) Dr. Rajeev Tripathi	Dean (Academic)	upto 26.07.2011
	(ii) Dr. S.K. Duggal	Dean (Academic)	w.e.f. 27.07.2011
2.	Dr. Vinod Yadava	Dean (Student Welfare)	
3.	Dr. A.K. Misra	Dean (Faculty Welfare)	
4.	Dr. Anuj Jain	Dean (R & C)	
5.	(i) Dr. Krishna Kant	Dean (Planning and Development)	upto 13.07.2011
	(ii) Dr. R.K. Srivastava	Dean (Planning and Development)	w.e.f. 14.07.2011
6.	Prof. Sudarshan Tiwari	Dean (Resource Generation & International Affairs)	w.e.f. 11.08.2011

5.2 Administrative Officers

1.	Dr. Sarvesh K Tiwari	Registrar (Oftg.) / Dy. Registrar (Academic)
2.	Shri Uma Shankar	Dy. Registrar (Accounts)
3.	Shri Abhai Kumar Srivastava	Asstt. Engineer (Civil Maint.)- cum-Estate Officer
4.	Shri Arvind Kumar Singh	Asstt. Engineer (Elect. Maint.)
5.	Dr. Nirmal Agrawal	Medical Officer (Retired on 30.06.2011)
6.	Shri Raghvendra Singh	Asstt. Proctor-Cum Hostel Manager (under suspension)
7.	Shri S.P. Verma	P.T.I.
8.	Shri Prabhat Ranjan	System Manager
9.	Shri Abhay Singh	Programmer
10.	Shri Satyendra Sharma	Programmer
11.	Shri S.K. Srivastava	Foreman
12.	Shri Satanand Yadav	Foreman
13.	Shri S.K. Tiwari	Dy. Librarian
14.	Shri Ritesh Sahu	Dy. Librarian

5.3 Technical Staff

S. No.	Name	Designation	Remarks
1.	Shri Rajendra Pd.	Lab Tech.	
2.	Shri S.K. Sen	Lab Tech.	
3.	Shri Trivikram	DPA Grade A	
4.	Shri D.K. Dwivedi	DPA Grade A	
5.	Shri Shri Kant.	DPA Grade A	
6.	Shri K.N. Singh	J.E. (Elect. M)	
7.	Shri Sanjay Singh	J.E. (Civil M)	
8.	Shri R.C. Verma	J.E. (Elect. M)	
9.	Shri Gyanandra Singh	Lab. Asstt.	
10.	Shri Jeet Lal Yadav	Lab. Asstt.	
11.	Shri A.K. Agrawal	Lab. Asstt.	
12.	Dr. S.C. Pathak	Lab. Asstt.	
13.	Smt. Anju Jha	Lab. Asstt. / Video Operator	
14.	Shri Shri Kant Tiwari	Mech. -A	
15.	Shri S.L. Sharma	Mech. -A	
16.	Shri Om Prakash	Mech. -A	
17.	Shri Altaf B. Azhar	Mech. -A	
18.	Shri R.P. Pandey	Mech. -A	
19.	Shri Hari Lal	Mech. -A	
20.	Shri Hari Bhajan	Mech. -A	
21.	Shri Manoj Singh Bonal	Mech. -A	
22.	Shri Nanku Lal	Mech. -A	
23.	Shri Shree Lal	Mech. -A	
24.	Shri Vishwa Nath	Mech. -A	
25.	Shri Satya N. Singh	Mech. -A	
26.	Shri Ranjeet Singh	Mech. -A	
27.	Shri Harish Chandra	AC Plant Operator	
28.	Shri Arjun Singh	AC Plant Operator	
29.	Shri Afzal Ahmad	SSA	
30.	Shri R.K. Sharma	Draughtsman (Const.)	

S. No.	Name	Designation	Remarks
31.	Shri S.N. Chaturvedi	DPA (Grade "B")	
32.	Shri Pankaj Sikka	DPA (Grade "B")	
33.	Shri Rama Shanker	Telephone Operator	
34.	Shri Man Singh	Mech.-B	
35.	Shri Badri Prasad	Mech.-B	
36.	Shri Kanhya Lal	Mech.-B	
37.	Shri Gopal Ram	Mech.-B	
38.	Shri Ram Chandra II	Mech.-B	
39.	Shri Radhey Shyam	Mech.-B	
40.	Shri Ram Shiromani	Mech.-B	
41.	Shri Brij Lal	Mech.-B	
42.	Shri Lal Das	Mech.-B	
43.	Shri Algoo Prasad	Mech.-B	
44.	Shri Bharat Lal	Mech.-B	
45.	Shri Ram Ji	Mech.-B	
46.	Shri Anurudh Bahadur	Mech.-B	
47.	Shri Keshav Kumar	Mech.-B	
48.	Shri Kamla Prasad	Mech.-C	
49.	Shri Vikramditya	Mech.-C	
50.	Shri Lal Bahadur Maurya	Mech.-C	
51.	Shri Moti Lal	Mech.-C	
52.	Shri Rakesh Gupta	Mech.-C	
53.	Shri Suresh Chandra	Mech.-C	Retired on 30.06.2011
54.	Shri Uma Shanker	Mech.-C	
55.	Shri Manoj Kr.Tripathi	Mech.-C	
56.	Shri Hari Shanker	Mech.-C	
57.	Shri Lal Bahadur Yadav	Mech.-C	
58.	Shri Nand Lal Pal	Mech.-C	
59.	Shri Ram Sajiwan	Mech.-C	
60.	Shri Shiv Murat Yadav	Mech.-C	
61.	Shri Ram Bahadur Yadav	Mech.-C	

S. No.	Name	Designation	Remarks
62.	Shri. D.N. Pandey	Electrician-C	
63.	Shri Satya Narain Singh	Electrician-C	
64.	Shri Brijesh Kumar	Pump Mech.-C	
65.	Shri Ram Lal	Pump Mech.-C	Retired on 31.12.2011
66.	Shri Maqsood	Pump Mech.-C	
67.	Shri Bhola	Pump Mech.-C	
68.	Shri Ram Lakhan	Pump Mech.-C	
69.	Shri Purushottam Lal	Fuse Man	Retired on 30.04.2011
70.	Shri Ashutosh Kr. Gupta	DPA Grade 'A'	

5.4 Ministerial Staff

1.	Shri Ram Nagina Pandey	Asstt. Accountant	
2.	Shri D.P. Pant	UDC	
3.	Shri Husnain Ahmad	UDC	
4.	Shri Hari Shankar Jha	UDC	Expired on 22.05.2011
5.	Shri Shree Ram Kushwaha	UDC	Retired on 31.01.2012
6.	Shri K.K. Shukla	UDC	
7.	Shri A.B. Singh	UDC	
8.	Shri D.N. Tiwari	UDC	
9.	Shri T.N. Tripathi	UDC	
10.	Shri Siva Kant Mishra	UDC	
11.	Shri B.L. Yadav	UDC	
12.	Shri B.D. Tripathi	UDC	
13.	Shri Abdul Shamim	UDC	
14.	Shri R.K. Pandey	UDC	
15.	Shri M.C. Singh	UDC	
16.	Shri Ram Naresh	UDC	
17.	Shri Ganga Prasad	UDC	
18.	Shri S.A. Farooqui	UDC	
19.	Shri Banwari Lal	UDC	
20.	Shri H.I. Malik	UDC	
21.	Shri Girja Shankar	UDC	

S. No.	Name	Designation	Remarks
22.	Shri V.K. Gaur	UDC	
23.	Shri N.K. Prajapati	UDC	
24.	Shri Sangam L. Kushwaha	UDC	
25.	Shri Viveka Nand	UDC	
26.	Shri Tribhwan N. Tripathi	UDC	
27.	Shri Babban Singh	UDC	
28.	Shri Amar Singh Yadav	UDC	
29.	Shri S.K. Gaur	UDC	
30.	Shri Y.P. Tripathi	LDC	
31.	Shri Ram Adhar	LDC	
32.	Shri Shahid Irfan	LDC	
33.	Shri Ram Acharj Yadav	LDC	
34.	Shri Zia Uddin	LDC	
35.	Shri Shyam Babu	LDC	
36.	Shri S.K. Srivastava	LDC	
37.	Shri Shyam Lal Yadav	LDC	
38.	Shri Anil Kumar	LDC	
39.	Shri Mewalal	LDC	
40.	Shri Chandrabhan	LDC	
41.	Shri Shiv karan Patel	LDC	
42.	Shri Amrit Lal	LDC	
43.	Shri Subhas Ram	LDC	
44.	Shri A.V.Pathak	LDC	
45.	Shri Vijai Pal	LDC	
46.	Shri Mohd.Saqib	LDC	
47.	Shri Bechan Ram	LDC	
48.	Shri Sangam Lal	LDC	
49.	Shri Anant Kr.Tiwari	Caretaker	
50.	Smt. Veena Singh	LDC	
51.	Smt Madhu Yadav	LDC	
52.	Shri Chet Ram Bhartiya	Caretaker	

S. No.	Name	Designation	Remarks
53.	Shri Hublal	Caretaker	
54.	Shri Ram Kumar Verma	Jr. S.K.	
55.	Shri Ramesh Kumar Srivastava	Jr. S.K.	Retired on 31.01.2012
56.	Shri Sanjay Yadav	Jr. S.K.	
57.	Shri Nirmal Kr. Shukla	Sr. Stenographer	
58.	Shri S.C. Gupta	Jr. Stenographer	Retired on 31.05.2011
59.	Shri K.K. Dubey	Jr. Stenographer	
60.	Shri Ram Baran	Jr. Stenographer	
61.	Smt. Sangeeta Rani	Cataloguer	
62.	Shri Chhedi Lal Patel	Cataloguer	
63.	Shri G.S. Maruya	Compounder	
64.	Shri Vinod Kr. Mishra	Compounder	
65.	Shri Ranjeet Kr. Nirbhai	Compounder	
66.	Shri Vinod Kumar	Group- C	
67.	Shri Deepak Kumar	Group-C	

5.5 Supporting Staff

1.	Shri S. N. Gupta	Lab Bearer	Retired on 31.05.2011
2.	Shri T. N. Shukla	Lab Bearer	
3.	Shri R. D. Shukla	Lab Bearer	
4.	Shri Om Prakash Yadav	Lab Bearer	
5.	Shri Sugreev Prasad	Lab Bearer	
6.	Shri S. R. Kushawaha	Lab Bearer	
7.	Shri Riyaz Ahmad	Lab Bearer	
8.	Shri. Tribhuvan Singh Yadav	Lab Bearer	
9.	Shri Mahesh Kumar	Lab Bearer	
10.	Shri Jeet Lal II	Lab Bearer	
11.	Shri Gyan Chandra	Lab Bearer	
12.	Shri Ram Nath	Lab Bearer	
13.	Shri Paras Nath	Lab Bearer	
14.	Shri S. N. Shukla	Lab Bearer	
15.	Shri Naresh Chandra	Lab Bearer	

S. No.	Name	Designation	Remarks
16.	Shri Laxmi Kant	Lab Bearer	
17.	Shri D. S. Mishra	Lab Bearer	
18.	Shri K. P. Maurya	Lab Bearer	
19.	Shri R. S. Pal	Lab Bearer	
20.	Shri Ram Dulare	Lab Bearer	
21.	Shri Jhalloo Lal	Lab Bearer	
22.	Shri Amar Nath	Lab Bearer	
23.	Shri Satya Narain	Lab Bearer	
24.	Shri Sudhakar Tiwari	Lab Bearer	
25.	Shri Raja Ram	Lab Bearer	
26.	Shri Phool Chandra	Lab Bearer	
27.	Shri Nankoo Ram	Lab Bearer	
28.	Shri Amar Nath Patel	Lab Bearer	
29.	Shri Om Prakash	Lab Bearer	
30.	Shri Prem Chandra	Lab Bearer	
31.	Shri Paras Nath Saroj	Lab Bearer	
32.	Shri Jagdish Prasad	Lab Bearer	
33.	Shri Ram Naresh	Driver	
34.	Shri Diwakar Tiwari	Driver	
35.	Shri Ramesh Chandra Pal	Driver	
36.	Shri Devi Prasad	Cleaner	
37.	Shri O. P. Parashar	Dresser	
38.	Shri Raja Ram	Carpenter	Retired on 31.10.2011
39.	Shri Rakesh Kr. Mishra	Carpenter	
40.	Shri Masuriya Deen Maurya	Meson	
41.	Shri Radhey Shyam	Cook	
42.	Shri Rajendra Kumar	Cook	
43.	Shri Parmanand	Peon	
44.	Shri Brijesh Kumar	Peon	
45.	Shri Japan	Watchman	Expired on 15.06.2011
46.	Shri Keshav	Watchman	

S. No.	Name	Designation	Remarks
47.	Shri Ram Lal	Sweeper	
48.	Shri Ramesh	Sweeper	
49.	Shri Shri Ram	Sweeper	Expired on 29.11.2011
50.	Smt. Sheela	Sweeper	
51.	Shri Sudesh	Sweeper	
52.	Shri Ram Dulare	Sweeper	
53.	Shri Lallan	Sweeper	
54.	Smt. Nirmala Devi	Sweeper	
55.	Shri Ranjeet	Sweeper	
56.	Shri Kishna Lal	Sweeper	Expired on 06.03.2012
57.	Smt. Rani	Sweeper	Expired on 12.07.2011
58.	Smt. Bittan Devi	Sweeper	
59.	Shri Shankar Lal	Sweeper	
60.	Shri Anil	Sweeper	
61.	Shri Suresh	Sweeper	
62.	Shri Raju	Sweeper	
63.	Shri Parkash	Sweeper	
64.	Shri Kailash	Sweeper	
65.	Shri Shohan Lal	Sweeper	Expired on 14.02.2012
66.	Shri Rajendra Pd	Sweeper	
67.	Shri Pappu Lal	Sweeper	
68.	Shri Rajesh	Sweeper	
69.	Shri Mohan Lal	Sweeper	
70.	Shri Banwari Lal	Parichar	
71.	Shri Mobeen Ahmad	Parichar	
72.	Shri Lallu	Parichar	
73.	Shri Sangam Lal Yadav	Parichar	
74.	Shri Brij Mohan Yadav	Parichar	
75.	Shri Ram Mani Yadav	Parichar	
76.	Shri Lalloo	Parichar	
77.	Shri Harish Chandra Pal	Parichar	

S. No.	Name	Designation	Remarks
78.	Shri Raj Narian Kashyap	Parichar	
79.	Smt Urmila Devi	Class IV	
80.	Smt. Raj Kali	Class IV	
81.	Shri Ram Nath pal	Class IV	
82.	Shri Jeet Lal Yadav	Class IV	
83.	Shri Jahli Singh	Class IV	
84.	Shri S.R. Singh	Class IV	
85.	Shri Druyadhan Lal	Class IV	
86.	Shri Nand Lal Prajapati	Class IV	
87.	Shri H.C. Maurya	Class IV	
88.	Shri Nand lal	Class IV	
89.	Shri Monu Jeet Dayal	Class IV	
90.	Shri Ramakant pal	Class IV	
91.	Shri Hari Lal Yadav	Class IV	
92.	Shri Jagan Nath alies Lallu	Class IV	
93.	Shri Husala Pd	Class IV	
94.	Shri Shobh Nath Maurya	Class IV	
95.	Shri Jag Lal	Class IV	
96.	Shri Gulab Chandra	Class IV	
97.	Shri Pawan Kr. Mishra	Class IV	
98.	Smt. Geeta Devi	Class IV	
99.	Shri Ram Sanehi Maurya	Class IV	
100.	Smt. Kaushalya Devi	Class IV	
101.	Shri Om Parkash Yadav	Class IV	
102.	Shri Rajendra Pd.	Class IV	
103.	Shri Soraj	Class IV	
104.	Shri Shyam Lal Pal	Class IV	
105.	Shri Ram Jatan Mauriya	Class IV	
106.	Shri Ram Murat Yadav	Class IV	Retired on 30.11.2011
107.	Shri Hari Ram Yadav	Waterman	Retired on 30.09.2011

CHAPTER-6

ACADEMIC PROGRAMMES

- 6.1 Bachelor of Technology (B.Tech.)
- 6.2 Master of Technology (M. Tech.)
- 6.3 Master of Business Administration (MBA)
- 6.4 Master of Computer Applications (MCA)
- 6.5 Master of Science (M.Sc.)
- 6.6 Master of Social Work (MSW)
- 6.7 Doctor of Philosophy (Ph.D)

ACADEMIC PROGRAMMES

6.1 BACHELOR OF TECHNOLOGY DEGREE COURSES (4 Years / 8 Semesters)

1. Biotechnology
2. Chemical Engineering
3. Civil Engineering
4. Computer Science & Engineering
5. Electrical Engineering
6. Electronics and Communication Engineering
7. Information Technology
8. Mechanical Engineering
9. Production & Industrial Engineering

6.2 MASTER OF TECHNOLOGY DEGREE COURSE (2 Years/ 4 Semesters)

A. Applied Mechanics Department

1. M.Tech. Applied Mechanics
2. M.Tech. Biomedical Engineering
3. M.Tech. Fluids Engineering
4. M.Tech. Material Science and Engineering

B. Biotechnology Department

1. M. Tech. Biotechnology

C. Civil Engineering Department

1. M.Tech. Civil Engineering (Environmental Engineering)
2. M.Tech. Civil Engineering (Geo-Technical Engineering)
3. M.Tech. Civil Engineering (Structural Engineering)
4. M. Tech. Civil Engineering (Environmnetal Geotechnology)

D. Computer Science and Engineering Department

1. M.Tech. Computer Science & Engineering
2. M.Tech. Software Engineering
3. M.Tech. Information Security

E. Electrical Engineering Department

1. M.Tech. Electrical Engineering (Control & Instrumentation/Power Systems Engineering)
2. M.Tech. Electrical Engineering (Power Electronics & ASIC Design)

F. Electronics and Communication Engineering Department

1. M.Tech. Electronics Engineering (Digital System)
2. M.Tech. Electronics Engineering (Microelectronics and VLSI Design)

G. Mechanical Engineering Department

1. M.Tech. Mechanical Engineering (Design)
2. M.Tech. Mechanical Engineering (Production Engineering)
3. M.Tech. Mechanical Engineering (Computer Aided Design and Manufacturing)
4. M.Tech. Mechanical Engineering (Product Design & Development)

H. GIS Cell

1. M.Tech. (GIS and Remote Sensing)

6.3 MASTER OF BUSINESS ADMINISTRATION (MBA) (2 years/ 4 Semesters)

Specializations offered:

1. Finance
2. Marketing
3. Human Resource
4. Systems
5. Productions and Operations
6. Engineering Management

6.4 MASTER OF COMPUTER APPLICATIONS (MCA), (3 years/ 6 Semesters)

1. Computer Science and Engineering Department

6.5 MASTER OF SCIENCE (M.Sc.) (2 years/ 4 Semesters)

1. Mathematics and Scientific Computing

6.6 MASTER OF SOCIAL WORK (MSW) (2 years/ 4 Semesters)

1. Humanities and Social Science Department

6.7 Doctoral Programmes (Ph. D.)

MNNIT Allahabad has been growing rapidly as a highly reputed academic institution and research is an integral aspect. Therefore to promote doctoral programme, Institute Fellowships have been established, which are distributed among all the departments. Besides, number of off-campus and non-stipendiary admission to these Doctoral programme are also made to facilitate faculty from other institutes and industry personnel.

Teachers from other institutions also come here to pursue M.Tech. and Ph.D. in various Departments, under QIP scheme. Large number of senior executives from industry also join under self sponsored category.

All the Departments offer doctoral programmes. Teachers from other institutions also come here pursue M.Tech. and Ph.D. in various Departments, under QIP scheme.

In Addition to regular academic programs, the institute organizes seminars, conferences, symposia and also extends expert consultancy to industries and institutions.

CHAPTER-7

STUDENTS' DETAILS

- 7.1 Intake
- 7.2 Course-wise Enrolment
- 7.3 Admission Statistics
- 7.4 Student Strength
- 7.5 Performance
- 7.6 Gold Medals

STUDENTS DETAILS

7.1 INTAKE:

Name of Programme	Branch	Intake
Bachelor of Technology	Biotechnology	46
	Chemical Engineering	46
	Civil Engineering	92
	Computer Science & Engineering	154
	Electrical Engineering	77
	Electronics & Communication Engineering	138
	Information Technology	92
	Mechanical Engineering	123
	Production & Industrial Engineering	46
Total		814
M.Tech.(Including all branches)		506
MCA		93
MBA		93
M.Sc.		23
MSW		23
Ph.D.(Including all branches)		20

7.2 COURSES-WISE ENROLMENT WITH SEX, SC/ST BREAK-UP 2011-2012

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
B.Tech.Ist Year	814	339	211	160	47	17	20	386	228	180
B.Tech.IIInd Year	814	347	117	130	68	11	21	415	128	151
B.Tech. IIIrd Year	690	305	50	135	58	03	16	363	53	151
B.Tech. IVth Year	600	429	00	109	25	00	08	454	00	117
	Total	1420	378	534	198	31	65	1618	409	599

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
M.Tech. Ist Year	506	173	98	47	46	10	11	219	108	58
M.Tech. IIInd Year	351	157	34	34	13	05	03	170	39	37

Total	330	132	81	59	15	14	389	147	95
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Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
MCA Ist Year	93	27	19	11	14	03	04	41	22	15
MCA IInd Year	80	20	15	17	11	05	00	31	20	17
MCA IIIrd Year	66	21	07	07	16	03	02	37	10	09
Total	68	41	35	41	11	06	109	52	41	

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
MBA Ist Year	93	36	09	12	12	07	03	48	16	15
MBA IInd Year	66	32	02	07	08	01	02	40	03	09
Total	68	11	19	20	08	05	88	19	24	

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
M.Sc. Ist Year	23	09	02	01	03	00	00	12	02	01
M.Sc. IInd Year	15	09	01	00	01	01	00	10	02	00
Total	18	03	01	04	01	00	22	04	01	

Programme	Intake	Males			Females			Total		
		Gen	OBC	SC/ST	Gen	OBC	SC/ST	Gen	OB C	SC/ST
MSW Ist Year	23	03	01	02	07	00	00	10	01	02
MSW IInd Year	20	07	04	00	05	00	00	12	04	00
Total	10	05	02	12	00	00	22	05	02	

7.3 Admission Statistics for UG/PG/Ph.D. Programmes 2011-2012

Programme	Male	Female	Total
B.Tech.	710	84	794
M.Tech.	318	67	385
MCA	57	21	78
MBA	57	22	79
M.Sc.	12	03	15
MSW	06	07	13
Ph.D.	23	17	40
Total	1183	221	1404

7.4 Student Strength 2011-2012

Courses	Actual student strength
B.Tech.	2626
M.Tech.	631
MCA	202
MBA	131
M.Sc.	27
MSW	13
Ph.D.	40
Total	3670

7.5 Performance in Examination

Courses	Appeared	Passed
B.Tech.	520	514
M.Tech.	240	204
MCA	52	52
MBA	57	57
M.Sc.	05	05
MSW	15	15
Ph.D.	22	22

7.6 GOLD MEDALS

7.6.1 GOLD MEDALS FOR POST GRADUATE FINAL EXAMINATION – 2011

1. Gold Medal awarded to **Gangadeep Bhardwaj** Enrollment No. **2009AM10** for standing first at M.Tech. in Applied Mechanics, Final Examination 2011.
2. Gold Medal awarded to **Sandeep Singh** Enrollment No. **2009AM02** for standing first at M.Tech. in Applied Mechanics, Final Examination 2011.
3. Gold Medal awarded to **Ritu Sirohi** Enrollment No. **2009BM01** for standing first at M.Tech. in Biomedical Engineering, Final Examination 2011.
4. Gold Medal awarded to **Madan Mohan Yadav** Enrollment No. **2009FE11** for standing first at M.Tech. in Fluids Engineering, Final Examination 2011.
5. Gold Medal awarded to **Sudehndu nath Tiwari** Enrollment No. **2009MT06** for standing first at M.Tech. in Material Science & Engineering, Final Examination 2011.
6. Gold Medal awarded to **Pallavi Saxena** Enrollment No. **2009ST04** for standing first at M.Tech. in Civil Engineering (Structural Engineering) Final Examination 2011.

7. Gold Medal awarded to **Vikas Gupta** Enrollment No. **2009CS29** for standing first at M.Tech. in Computer Science & Engineering Final Examination 2011.
8. Gold Medal awarded to **Anjani Kumar Rai** Enrollment No. **2009IS08** for standing first at M.Tech. in Information Security Final Examination 2011.
9. Gold Medal awarded to **Divya Kumar** Enrollment No. **2009SW04** for standing first at M.Tech. in Software Engineering Final Examination 2011.
10. Gold Medal awarded **Abhishek Agarwal** Enrollment No. **2009EE03** for standing first at M.Tech. in Electrical Engineering (Control & Instrumentation) Final Examination 2011.
11. Gold Medal awarded to **Preeti Agarwal** Enrollment No. **2009PE07** for standing first at M.Tech. in Electrical Engineering (Power Electronics & ASIC Design) Final EXAMINATION 2011.
12. Gold Medal awarded to **Neha Agarwal** Enrollment No. **2009EL02** for standing first at M.Tech. in Electronics Engineering (Digital System) Final Examination 2011.
13. Gold Medal awarded to **Abhinav** Enrollment No. **2009VL01** for standing first at M.Tech in Microelectronics and VLSI Design Final Examination 2011.
14. Gold Medal awarded to **Pratibha Sinha** Enrollment No. **2009CC05** for standing first at M.Tech. in Mechanical Engineering (Computer Aided Design and Manufacturing) Final Examination 2011.
15. Gold Medal awarded to **Shaikh Vasim Arif** Enrollment No. **2009DN14** for standing first at M.Tech. in Mechanical Engineering (Design) Final Examination 2011.
16. Gold Medal awarded to **Bhanu Pratap Singh** Enrollment No. **2009PD13** for standing first at M.Tech. in Mechanical Engineering (Product Design and Development) Final Examination 2011.
17. Gold Medal awarded to **Anoop Kumar Asati** Enrollment No. **2009PR07** for standing first at M.Tech. in Mechanical Engineering (Production Engineering) Final Examination 2011.
18. Gold medal awarded to **Shweta Srivastava** Enrollment No. **2009GI06** for standing first at M.Tech. in GIS and Remote Sensing Final Examination 2011.
19. Gold Medal awarded to **Aditi Goel** Enrollment No. **2008CA28** for standing first at Master of Computer Applications Final Examination 2011.
20. Gold Medal awarded to **Shilpi Baranwal** Enrollment No. **2009MB18** for standing first at Master of Business Administration Final Examination 2011.
21. Gold medal awarded to **Saurabh Pratap Singh** Enrollment No. **2009MSC08** for standing first at Master of Science (Mathematics & Scientific Computing) Final Examination 2011.
22. Gold Medal awarded to **Pradyuman Pandey** Enrollment No. **2009MW11** for standing first at Master of Social Work Final Examination 2011.

7.6.2 GOLD MEDALS FOR UNDER GRADUATE FINAL EXAMINATION – 2011

1. Gold Medal awarded to **Anisha Mathur** Enrollment No. **20070013** for standing first at B.Tech. (Biotechnology) Final Examination 2011.
2. Gold Medal awarded to **Shiv Shankar Gupta** Enrollment No. **20071021** for standing first at B.Tech. (Civil Engineering) Final Examination 2011.
3. Gold Medal awarded to **Hari Prakash Srivastav** Enrollment No. **20077025** for standing first at B.Tech. (Chemical Engineering) Final Examination 2011.
4. Gold Medal awarded to **Avinaash Gupta** Enrollment No. **20075079** for standing first at B.Tech. (Computer Science & Engineering) Final Examination 2011.
5. Gold Medal awarded to **Yashika Sharma** Enrollment No. **20078001** for standing first at B.Tech. (Information Technology) Final Examination 2011.
6. Gold Medal awarded to **Sitanshu Gupta** Enrollment No. **20075029** for standing first at B.Tech. (Electronics & Communication Engineering) Final Examination 2011.
7. Gold Medal awarded to **Naman Dwivedi** Enrollment No. **20079008** for standing first at B.Tech. (Electrical Engineering) Final Examination 2011.
8. Gold Medal awarded to **Abhilash Mishra** Enrollment No. **20071035** for standing first at B.Tech. (Mechanical Engineering) Final Examination 2011.
9. Gold Medal awarded to **Arka Mondal** Enrollment No. **20076018** for standing first at B.Tech. (Production & Industrial Engineering) Final Examination 2011.

7.6.3 INSTITUTE GOLD MEDAL

1. Institute Gold Medal awarded to **Sitanshu Gupta** Enrollment No. **20075029** of B.Tech. (Electronics and Communication Engineering) for standing first amongst students of all branches of the Institute Final Examination 2011.

7.6.4 GOLD MEDALS– 2011 FOR UNDER GRADUATE PERSUING EXAMINATION

1. Gold Medal awarded to **Smriti Priya** Enrollment No. **20080014** of B.Tech. (Mechanical Engineering) for standing first at B.Tech. **Third year** Examination 2011.
2. Gold Medal awarded to **Shobhit Srivastava** Enrollment No. **20098063** of B.Tech (Computer Science and Engineering) for standing first at B.Tech. **Second Year** Examination 2011.
3. Gold Medal awarded to **Isha Verma** Enrollment No. 20104023 of B.Tech (Computer Science and Engineering) for standing first at B.Tech. **First Year** Examination 2011.
4. Gold Medal awarded to **Pakhi Agarwal** Enrollment No. 20104095 of B.tech (Computer Science and Engineering) for standing first at B.Tech. **First Year** Examination 2011.

CHAPTER-8

RESEARCH AND DEVELOPMENT ACTIVITIES

- 8.1 Research and Consultancy (R&C) Cell
- 8.2 Research Projects
- 8.3 Institute-Industry Collaboration
- 8.4 Consultancy Projects

RESEARCH AND DEVELOPMENT ACTIVITIES

8.1 Research and Consultancy (R & C) Cell

The Institute attaches great importance to research and thus the academic faculty is actively engaged in research and consultancy. These activities are looked after by R & C Cell headed by Dean (R&C).

The R&C Cell has been established with the objective of promoting and fostering research, professional consultancy and related extension services. It monitors all research and consultancy activities undertaken by various departments of the Institute.

The research and consultancy at this Institute has grown significantly in the last couple of years, apart from taking up sponsored research work, our faculty provides variety of consultancy and testing services to different public and private industries, State and Central Government. The Institute is well endowed with high-quality equipment and advanced computing facilities. Recent International Collaborations with some leading Universities and Industries by the Institute, provides an exciting platform for generating ideas and concepts, which is required for meaningful research.

The Institute receives a large number of research projects from various organisations including DRDO, ISRO, DST, UPDST, CSIR, UGC and DIT Institutional Research has been further boosted by the Institute to new faculty members. During the year 2010-11, the Institutes had received a total number of 209 testing and consultancy projects amounting to about Rs. 1.13 crore and new sanction of sponsored research project work of Rs. 12.00 crore.

8.2 RESEARCH PROJECT

8.2.1 Externally Funded Research Project (01-04-2011- 31-03-2012)

Sl No.	Sanction No. and Date	Date	Duration	Sponsoring Agency	Title of Project	Name of P.I.	Department	Total Sanctioned Amount (Rs.)	Opening Balance as on 01-04-2011 (Rs.)	Fund received during the year (Rs.)	Expenditure During The Year (Rs.)	Closing Balance as on 31-03-2012 (Rs.)	Remarks
1	SR/FST/ET 1-148/2004	03-06-2005	2005-2012	DST, Ministry of Science & Technology, New Delhi	DST-FIST Projects	Head, Mechanical Engineering Department	Mechanical Engineering Department	4,300,000.00	534,591.00	-	-	534,591.00	To be Closed
2	F21(32)/200 5-VCND	08-11-2005	2005-2013	Department of Information Technology (DIT), Ministry of Communication of Information Technology, Govt. of India	SMDP Project "Special Manpower Development Programme for VLSI Design and Related Software (SMDP-II)	Dr. Rajiv Tripathi and Er. Sanjeev Rai	Electrical Engineering Department	5,900,000.00	577,939.00	660,000.00	516,413.00	721,526.00	Continuing
3	F02241/C.L /8/96	05-06-2006	2006-2013	Uttar Pradesh Pollution Control Board, Lucknow	Air Pollution Monitoring Project (U.P.)	Dr. R.C. Vaishya	Civil Engineering Department	1,640,000.00	489,760.00	308,500.00	396,436.00	401,824.00	Continuing
4	2(14)/2005- ISEA	19-07-2006	2006-2013	Ministry of Communications and Information Technology Department of Information technology, New Delhi	Information Security Education and Awareness Programme Course under Information Technology Ministry of Communicative Technology Govt. of India	Dr. A.K. Mishra	Computer Science Engineering Department	6,597,550.00	(866,300.00)	4,470,050.00	1,108,017.00	2,495,733.00	Continuing
5	SR/FST/ET 1-179/2006	14-02-2007	2007-2012	DST, Ministry of Science & Technology, New Delhi	DST-FIST Projects: Area of "Power Electronics Laboratory"	Head, Electrical Engineering Department	Electrical Engineering Department	6,400,000.00	2,674,642.00	-	1,918,057.00	756,585.00	To be Closed
6	01(2149)/07 /EMR-II	30-03-2007	2007-2010	Council of Scientific and Industrial Research, New Delhi	Synthesis and Optical Properties of Novel Biopolymer: Chitosan Derivatives Containing Non Linear Optical Chromophores	Dr. P.K. Dutta	Chemistry Department	532,000.00	-	145,598.00	145,598.00	-	Closed on August 2010 but claimed amount adjusted in FY 2011-12

7	SR/S3/MERC/93/2006	11-04-2007	2007-2013	DST, Ministry of Science & Technology, New Delhi	Electrokinetic Remediation of Toxic Contaminants from Soils using Reactive Nanoparticles	Dr. R.P. Tiwari	Civil Engineering Department	2,325,600.00	(277,334.00)	600,000.00	74,000.00	248,666.00	Continuing
8	DARO/08/1051402/M/1	16.04.2007	2007-2013	Govt. of Indian, Ministry of Defence, DRDO, New Delhi	Cure Dependent Material Characterization of Composite Prepregs: Experimental Part	Dr. D. K. Shukla	Mechanical Engineering Department	1,375,000.00	1,288,088.00	-	1,800.00	1,286,288.00	Continuing
9	SR/FST/ET I-183/2006	18-04-2007	2008-2013	DST, Ministry of Science & Technology, New Delhi	DST – FIST Project	Head, Applied Mechanics Department	Applied Mechanics Department	13,000,000.00	57,895.00	5,850,000.00	-	5,907,895.00	Continuing
10	IITR/CTRANS/AICTE/NCP/IDPTS/MNNIT-A/61171	06-11-2007	2008-2012	Centre for Transportation Systems, IIT Roorkee, Roorkee	AICTE Nationally Coordinated Project (NCP) – “Integrated Development of Public Transport System	Dr. A.K. Singh	Civil Engineering Department	500,000.00	156,978.00	-	118.00	156,860.00	To be Closed
11	SR/FST/ET I-185/2006	31-12-2007	2008-2012	DST, Ministry of Science & Technology, New Delhi	DST – FIST Project : Area of ‘Environmental Engineering’	Head, Civil Engineering Department	Civil Engineering Department	8,400,000.00	70,920.00	-	-	70,920.00	To be Closed
12	DIT/IPR/7.1/66/2008	19-02-2008	2008-2013	MCIT, Patent and IPR Division R&D (IT) Group, New Delhi	Development of a Framework for Knowledge Acquisition and Machine Learning for Construction of Ontology Traditional Knowledge Digital Library(TKDL)	Prof. B.D. Chaudhary & Dr. R.K. Singh	Computer Science & Engineering Department	4,892,000.00	(197,301.50)	-	-	(197,301.50)	Continuing
13	F.No. 5-401/2007 (HRP)	13-03-2008	2008-2012	University Grants Commission, New Delhi	Major Research Project “ Quality of Work Life and Organization Efficiency: IT Enabled Services in India Perspectives	Dr. Tripti Singh	School of Management Studies	260,600.00	43,403.00	-	28,874.00	14,529.00	Closed
14	SR/S2/HEP-05/2008	24-03-2008	2008-2012	DST, Ministry of Science & Technology, New Delhi	Symmetry and Integrability of Certain Nonlinear Dynamical Systems	Dr. S.N. Pandey	Physics Department	536,158.00	103,330.00	-	103,330.00	-	Closed

15	No. C.S.T./D. 31	11-04-2008	2009-2013	Council of Science and Technology Lucknow	Contaminated Ground Water Treatment by Oxide Coated Sand	Dr. R.C. Vaishya	Civil Engineering Department	383,747.00	108,974.00	-	26,155.00	82,819.00	Continuing
16	SR/S3/EEC E/004/2008	26-05-2008	2008-2012	DST, Ministry of Science & Technology, New Delhi	Intelligent Control of Helicopter/Twin Rotor Control System using Backstepping Technique	Dr. Shubhi Purwar	Electrical Engineering Department	2,381,520.00	51,281.00	150,000.00	212,962.00	(11,681.00)	Closed
17	ASL/31/08/4052/15/M OU/03	12-11-2008	2009-2013	Advanced Systems Laboratory, Hyderabad	Design Simulation Modeling and Mechanical Properties Characterization of CNT Nano Composites	Dr K.K. Shukla	Applied Mechanics Department	12,700,000.00	2,067,910.00	7,499,978.00	1,647,681.00	7,920,207.00	Continuing
18	CSR/Acctts/2008-09/1123	02-12-2008	2009-2012	University Grants Commission, New Delhi	Studies on Structural Optical and Electrical Properties of Transparent Conducting Oxide	Dr. P.P. Sahay	Physics Department	35,000.00	7,339.00	-	7,339.00	-	Closed
19	SR/S2/CMP-41/2008	27-01-2009	2010-2013	DST, Ministry of Science & Technology, New Delhi	Investigation of Chemical Gas Sensors based on Low Cost Thin Films of Metal – Oxides Semiconductors	Dr. P.P. Sahay	Physics Department	1,884,400.00	244,314.00	250,000.00	449,437.00	44,877.00	Continuing
20	SR/FT/CS-028/2008	27-01-2009	2009-2012	DST, Ministry of Science & Technology, New Delhi	Chemosensor for Anions: Synthesis, Optical and Electrochemical Sensin	Dr. Tamal Ghosh	Chemistry Department	1,998,000.00	(39,719.00)	400,000.00	430,213.00	(69,932.00)	Closed
21	INT/RFBR/P-26	24-03-2009	2009-2012	DST, Ministry of Science & Technology, New Delhi	Synthesis, Structure and Stereochemical No-Rigidity of Comounds with Intramolecular Coordination of the Hypervalent Type: Their use in the Synthesis of Novel Heterocycles	Dr. G.K. Mehrotra	Chemistry Department	283,500.00	(17,428.00)	30,418.00	30,418.00	(17,428.00)	Closed
22	No.SR/S3/ME/0016/2008	30-03-2009	2009-2012	DST, Ministry of Science & Technology, New Delhi	Generation of Improved Photovoltaic Devices for making Efficient Dye Sensitized Solar Cells	Dr. Ashutosh Pandey	Chemistry Department	3,682,552.00	267,647.00	300,000.00	442,314.00	125,333.00	To be closed

23	F No. 36-337/2008 (SR)	31-03-2009	2009-2013	University Grants Commission, New Delhi	Preparation Characterization and Biological Activity of Fluorecence based Chitosan for Biomedical Applications	Dr. P.K. Dutta	Chemistry Department	796,800.00	7,500.00	149,200.00	118,315.00	38,385.00	Continuing
24	SR/FTP/PS-04/2008	12-08-2009	2009-2013	DST, Ministry of Science & Technology, New Delhi	Study of Magentodielectric Effect in BaTiO-3/Fe3O4 Core/Shell Nanostructure	Dr Naresh Kumar	Physics Department	2,033,200.00	975,366.00	-	350,620.00	624,746.00	Continuing
25	SP/YO020/2008	22-09-2009	2010-2013	DST, Ministry of Science & Technology, New Delhi	Process Development for Biotreatment of Bioremediation of Industrial Grease and Oil Waste: Creating a safe Working and Living Environment for Industrial workers	Dr. Sangeeta Negi	Applied Mechanics Department	1,267,994.00	312,932.00	300,000.00	546,152.00	66,780.00	Continuing
26	22(0486)/09/EMR-II	10-11-2009	2010-2013	Council of Scientific and Industrial Research, New Delhi	Experimental and Numerical Study of Traveling Wire Electro-Chemical Spark Machining of Advanced Engineering	Dr. Vinod Kumar Yadav	Mechanical Engineering Department	-	129,368.00	304,447.00	344,136.00	89,679.00	Continuing
27	SR/S3/MERC/089/2009	26-11-2009	2010-2013	DST, Ministry of Science & Technology, New Delhi	Cylinder Pressure Reconstruction of Multy-Cylinder Spark Ignition Engine	Dr Samir Saraswati	Mechanical Engineering Department	2,462,400.00	1,550,570.00	350,000.00	375,266.00	1,525,304.00	Continuing
28	F. No. 37-515//2009(SR)	11-01-2010	2010-2013	University Grants Commission, New Delhi	Numerical Algorithms for Solving Singularly Perturbed Boundary Value Problems with Engineering Applications	Dr. Manoj Kumar	Mathematics Department	1,193,600.00	550,212.00	-	226,149.00	324,063.00	Continuing
29	SR/FT/CS-056/2009	20-01-2010	2010-2012	DST, Ministry of Science & Technology, New Delhi	Electricity Generation Using Microbial Fuel Cells	Dr. Anil Kumar Mathur	Applied Mechanics Department	1,734,000.00	1,350,000.00	-	1,350,000.00	-	Closed
30	SR/FTP/MS-14/2007	20-01-2010	2010-2013	DST, Ministry of Science & Technology, New Delhi	Computational Techniques for Solving Non-Linear Elliptic Boundary Value Problems	Dr. Manoj Kumar	Mathematics Department	893,200.00	226,400.00	300,000.00	242,827.00	283,573.00	Continuing

31	2/48(13)2009/-R&D II/2804	22-03-2010	2010-2013	Department of Atomic Energy, R&D-II Section, Mumbai	Study of Rees Algebra, Graded Rings in Module Theoretic Setup and its Applications	Dr. Shiv Datt Kumar	Mathematics Department	707,850.00	55,797.00	242,523.00	285,449.00	12,871.00	Continuing
32	BT/PR13317/GDB/27/252/2009 Dt	11-06-2010	2010-2013	DBT, Ministry of Science & Technology, New Delhi	Role of DNA Methylation in Setting up the Chromatin Organization of Developmentally Important Genes in Mammals	Dr. Manisha Sachan	Applied Mechanics Department	1,875,000.00	798,623.00	232,000.00	962,634.00	67,989.00	Continuing
33	ADA:FIN: NP-MASS: FUND-R:2:10:2010-11	13-08-2010	2010-2013	Aeronautical Development Agency, Bangalore	Establishment of New National MEMS Design Centre(PARC# 2:10)"Sanctioned under NP-MASS Programme	Dr. Deepesh Tiwari	Institute Industry Interaction Cell	1,116,000.00	213,101.00	-	66,191.00	146,910.00	Continuing
34	25(0187)/10/EMR-II	31-08-2010	2010-2013	Council of Scientific and Industrial Research, New Delhi	Finite Element Approximation and Computer Implementation for Non-Linear Elliptic Singular Perturbation Problems with Engineering Application	Dr. Manoj Kumar	Mathematics Department	-	230,333.00	217,523.00	319,373.00	128,483.00	Continuing
35	SR/S2/HEP-07/2010	27-09-2010	2010-2013	DST, Ministry of Science & Technology, New Delhi	Effect of Magnetic and Field on the Laser Ablated Plasma Plume and on the Growth of Oxide Thin Films for the Various Applications	Dr Naresh Kumar	Physics Department	3,427,000.00	2,900,000.00	-	248,643.00	2,651,357.00	Continuing
36	22(0532)/10/EMR-II	01-10-2010	2011-2014	Council of Scientific and Industrial Research, New Delhi	Empermental and Numerical Study of Laser Cutting of Aluminium Alloy Sheet	Dr. Avanish Kumar Dubey	Mechanical Engineering Department	-	146,000.00	-	116,215.00	29,785.00	Continuing
37	8024/RID/BOHI/NCP (07)/2008-09	12-10-2010	2010-2013	AICTE, New Delhi	Nationally Coordinated Project "GIS for Development of Web based Public Health Information and Infrastructure and Management System	Prof. R.D. Gupta	Civil Engineering Department	2,040,000.00	(873.00)	-	-	(873.00)	Continuing

38	No.03(1179)/10/EMR-II	15-11-2010	2010-2013	Council of Scientific and Industrial Research, New Delhi	Dft Study of Zwitterionic Forms of Biologically Important Molecules in Polar and Non-Polar Environments and Calculation of Dissociation Constants	Dr. Animesh Kumar Ojha	Physics Department	421,000.00	-	421,000.00	379,648.00	41,352.00	Continuing
39	F.No. 39-256/2010(SR)	28-12-2010	2011-2014	University Grants Commission, New Delhi	Microbial Profiling in Gangetic River System and Development a Gold Nanoparticles Based Multiplex Lateral Flow Immunoassay for Bacterial Detection	Dr. Shivesh Sharma	Applied Mechanics Department	843,800.00	-	467,300.00	114,533.00	352,767.00	Continuing
40	DARO/08/2031574/M/1	18-07-2011	2011-2014	DRDO, Ministry of Defence, New Delhi	Electro-Discharge Diamond Grinding Development and Optimization	Dr Vinod Yadav	Mechanical Engineering Department	1,709,200.00	-	1,709,200.00	307,269.00	1,401,931.00	Continuing
41	SR/FT/LS-107/2009 (G)	06-09-2011	2011-2014	DST, Ministry of Science & Technology, New Delhi	Functionalization of Wheat Grains for Enhancement of Bio Available Micronutrients Through Reduction of Phytic Acid Food Inhibitor	Dr. Nand Kumar Singh	Applied Mechanics Department	1,958,000.00	-	1,005,000.00	112,800.00	892,200.00	Continuing
42	SR/S4/MS:642/10-11	27-09-2011	2011-2014	DST, Ministry of Science & Technology, New Delhi	Graded Modules Over Rings Graded by Finitely Generated Abelian Groups	Dr. Shiv Datt Kumar	Mathematics Department	1,004,640.00	-	300,000.00	6,037.00	293,963.00	Continuing
43	SR/FT/LS-112/2009 (G)	25-09-2011	2011-2014	DST, Ministry of Science & Technology, New Delhi	Process Development for Cellulosic Ethanol Production from Himalayan Chir Pine (Pinus Roxburghii) Forest Waste	Dr. Sangeeta Negi Bora	Applied Mechanics Department	1,990,000.00	-	1,123,000.00	111,520.00	1,011,480.00	Continuing
44	40-450/2011 (SR)	17-10-2011	2011-2014	University Grants Commission, New Delhi	“Synthesis and characterization of metal- oxide semiconducign nanostructures wit happropriate doping for various application”	Dr. P.P.Sahay	Physics Department	826,800.00	-	585,300.00	-	-	Continuing

45	39-888/2010 (SR)	14-11-2011	2012-2015	University Grants Commission, New Delhi	Fate and Transport of Arsenic in Oxide Coated Soil Matrix	Dr. R.C. Vaishya	Civil Engineering Department	694,800.00	-	385,800.00	46,800.00	339,000.00	Continuing
46	SR/WOS-A/ET-48/2011 (G)	17-11-2011	2011-2014	DST, Ministry of Science & Technology, New Delhi	“Degradation of dyes wastewater through combination of ozonation and anaerobic biodegradation”	Ms. Smita Venkatesh	Chemistry Department	1,440,000.00	-	580,000.00	163,335.00	416,665.00	Continuing
47	BT/PR469/AGR/05/54 5/2011	30-12-2011	2012-2015	DBT, Ministry of Science & Technology, New Delhi	Harnessing PGPRs from Indo Gangetic Plain “Region of Uttar Pradesh for Growth Promotion and Disease Suppression in Rice and Pigeonpea	Dr. Shivesh Sharma	Applied Mechanics Department	3,939,000.00	-	1,980,600.00	50,000.00	1,930,600.00	Continuing
48	7/176/2011-BF	05-03-2012	2012-2015	MNRE, New Delhi	Sorghum Stover based Biorefinery for Fuels and Chemicals	Dr. Sangeeta Negi Bora	Applied Mechanics Department	3,876,400.00	-	-	-	-	Continuing
49	SR/WOS-A/CS-80/2011 (G)	12-03-2012	2012-2015	DST, Ministry of Science & Technology, New Delhi	Studies on Reactivity of selected drugs and correlation with their activity	Ms N. Chamundeswari Bhanumati Devi	Chemistry Department	2,000,000.00	-	-	-	-	Continuing
GRAND TOTAL								120,258,311.00	16,792,257.50	31,317,437.00	14,383,074.00	33,141,320.50	

8.3 Institute-Industry Collaboration

The Institute Industry Interaction Cell was established in the Institute in the year 1989 under the scheme of Institute Industry Interaction, Ministry of Human Resource Development. The main objectives of the Cell are:

- i. to interact with the industries to know the technology used by them so as to modify the curriculum.
- ii. to send the faculty members to the industry for training under faculty exchange programme.
- iii. to offer special courses to the engineers of the industries.
- iv. to take R & D work from the industries and to involve staff members to deal with the industrial problems.

The cell is equipped with the infrastructure facilities which are necessary for R & D projects and liaison with the industries. The Cell establishes contact with the industries for getting industrial projects for undergraduate and postgraduate students and also gets R & D projects for the faculty members.

The III Cell also promotes staff members to visit industries to get first hand technological information and also identify industrial problems which can be handled by the Institute Staff. Similarly Institute invites Engineers and Scholars working in the industries and Institutions for delivering special lectures to the students and faculty.

The Institute Industry Interaction Cell makes constant efforts to develop a win-win relationship with the industries. The motive is to promote participation of industry not only in consultancy but also in the area of Curriculum Development. During 2011-12 number of expert lectures by industry executives were organized to the advantage of students and faculty.

8.4 Consultancy Projects

The Institute allows consultancy projects from various Government, Private, Multinational Companies and Non-Government Organizations for faculty members. The Consultancy project fee is distributed on sharing basis. In this financial year the Institute received consultancy from various clients such as U. P. Jal Nigam, P.W.D, U.P. Awas Vikas Parisad, Rites, N.C. Railway, ADA, G.B. Pant Institute, IFFCO, Power Grid Corporation Ltd. and total fee received was approx. 74 lakhs [for details please see Annexure-6]

CHAPTER-9

CONCESSIONS FOR SC/ST/OBC & PHYSICALLY CHALLENGED STUDENTS/ STAFF

9.1 Concessions Provided for Students

9.2 Concessions Provided for Staff

CONCESSIONS FOR SC/ST/OBC/PHYSICALLY CHALLENGED STUDENTS/ STAFF

9.1 Concessions Provided for Students

Seats are reserved for SC/ST/OBC and handicapped students for the undergraduate and postgraduate courses as per Central Government norms. The government also provides scholarships to SC/ST students.

9.2 Concessions Provided for Staff

Institute provides reservation in appointment of teaching and non-teaching staff as per MHRD / Govt. of India orders / guidelines issued from time to time.

CHAPTER-10

FACULTY ACHIEVEMENTS

- 10.1 Department of Applied Mechanics
- 10.2 Department of Biotechnology
- 10.3 Department of Civil Engineering
- 10.4 Department of Chemical Engineering
- 10.5 Department of Chemistry
- 10.6 Department of Computer Science & Engineering
- 10.7 Department of Electronics & Communication Engineering
- 10.8 Department of Electrical Engineering
- 10.9 Department of Humanities & Sciences
- 10.10 Department of Mathematics
- 10.11 Department of Mechanical Engineering
- 10.12 Department of Physics
- 10.13 School of Management Studies
- 10.14 GIS Cell

FACULTY ACHIEVEMENT

10.1 DEPARTMENT OF APPLIED MECHANICS

I. LIST OF M. TECH. THESIS COMPLETED:

Sl. No.	Name of Student	M. Tech. Thesis Title	Supervisors	Year
1.	Sudhendu Nath Tiwari	Effect of Torque Tightening at Low and High Value of Stress Amplitude on the Fatigue Behaviour of 2024-T4 Aluminium Alloy Double Lap Bolted Joints	Er. Ajaya Bharti & K.M. Gupta	2011
2.	Artika Rao	Effect of Artificial Ageing on Fretting Fatigue Behaviour of 2024-T4 Al Alloy	Er. Ajaya Bharti & K.M. Gupta	2011
3.	Ravi Kant Baranwal	Synthesis and Characterization of Zinc-Copper Ferrite for LPG Sensing	Dr. Anuj Jain & Er. Ajaya Bharti	2011
4.	S.M. Vishwanath	Low velocity impact analysis of laminated composite plates	Er. Ashutosh K. Upadhyay and Prof. K.K. Shukla	2011
5.	K.V. Kulkarni	Dynamic analysis of laminated composite skew plates	Er. Ashutosh K. Upadhyay and Prof. K.K. Shukla	2011
6.	S. C. Srivastava	Analysis of tapered laminated composite plates	Er. Ashutosh K. Upadhyay and Prof. A.K. Govil	2011
7.	M. N.Javed	Low velocity impact analysis of laminated composite stiffened plates	Dr. Anindya Bhar and Er. Ashutosh K. Upadhyay	2011
8.	Rashank Sharma	Effective moduli of CNT reinforced composite with wavy CNT fibre	Er. Ashutosh K. Upadhyay	2011
9.	Mr Sandeep Singh	Linear Analysis of Laminated Composite Plates using Meshless Method	Prof. K. K. Shukla and Dr. R. Pandey	2011
10.	Mr. Gagandeep Bhardwaj	and Dynamic Analysis of CNT Reinforced Multi-Scale Composite Laminated Plates	Dr. R. Pandey and Prof. K. K. Shukla	2011
11.	Mr. Sanjay Kumar Tiwari	Buckling Analysis of Rectangular Laminated Composite Plate with Material Nonlinearity	Dr. R. Pandey and Prof. D. N. Paliwal	2011
12.	Mr.Raj Vardhan	Static Response of Stiffened Composite Plates bonded with Peizoelectric Layers	Dr. Anindya Bhar and Dr. R. Pandey	2011
13.	Prasad Sunil Janve	Vibrational Behaviour of Stiffened Functionally Graded Plates	Dr. Anindya Bhar and Prof. A. K. Govil	2011
14.	Brahma Yadav	Development and Characterization of Starch and Latex Based Bio-Hybrid Composites	K.M.Gupta	2011
15.	Manish Kumar	Drag Reduction of Square Cylinder Using Upstream Rod	A.R.Paul	2011
16.	Akash Varshney	Measurement of Turbulent Kinetic Energy in Duct Flow Using Semi	Triloki Nath	2011

		Elliptical ribs with different positions		
17.	Himanshu Minotra	Fuzzy Rule Based ZMP Criteria for a Stable Biped Robot Walking	Rakesh Mathur R.P.Tewari	2011
18.	Kaushal Kumar Shukla	A Mathematical Model for Computation of Mechanical Properties of Human Bone	R.P.Tewari Pankaj Srivastava	2011
19.	Shima Pati Ojha	Wear in Aluminum and Plastic pipes in Pneumatic Transportation of Granular Solids	R.C.Mehta	2011
20.	Ritu Sirohi	A Study on The Release Profile of Bovine Serum Albumin (BSA) from Chitosan- Alginate Scaffolds	Anuj Jain P.K.Dutta	2011
21.	Bal Krishn Shukla	Study of Hydraulic Jump in Slopping Prismatic Chanel Using Baffles	R.C.Mehta	2011
22.	Prasanna Kumar Acharya	Study on The Effects Of Yoga(Asana) on Human Lower Limb Muscles	R.P.Tewari	2011
23.	Astha Gupta	A Comparative Study on The Effect of Cross Linking Agents On Chitosan Films	R.P.Tewari P.K.Dutta	2011
24.	Amit Srivastava	Biomechanical and EMG Analysis of Ankle-foot System	Rakesh Mathur R.P.Tewari	2011
25.	Sandeep Singh	Inhibition of Foleys Catheter and Endotracheal Tube Associated E.Coli Biofilm by Eudragit Nanoparticle	Vishnu Agrawal R.P.Tewari	2011
26.	Vivek Kumar Pandey	Efficiency of Gentamicin & Ofoxacin containing Eudragit Nanoparticle against Escherichia coli Biofilms	Vishnu Agrawal Anuj Jain	2011
27.	Amit Kumar Tripathi	Finite Element Analysis of Thin Film Growth	Rakesh Mathur	2011
28.	Dinesh Kumar	Experimental studies of Cyclone Separator	A.R.Paul	2011
29.	Ishwar Chandra Pal	Effects of Exit blade Angle on the Performance of Centrifugal Pump- A CFD Analysis	Triloki Nath	2011
30.	Shrikumar Gupta	Detection of Cavitation phenomenon in centrifugal pump using audible sound	Triloki Nath	2011
31.	Madan Mohan Yadav	A Numerical Investigation on Roll Waves in High Pressure Two Phase Inclines Pipe Flow	Triloki Nath	2011
32.	Neeraj Grover	Analysis of Sandwich and Laminated Composite Plates	D.N.Paliwal K.K.Shukla	2011
33.	Pradip Kumar Niranjana	Computational Aerodynamics of Passenger Car with a Rear Spoiler and Vortex Generator	A.R.Paul	2011

34.	Santosh Srivastava	Synthesis and Characterization of Nickel Doped Zinc Ferrite	Anuj Jain	2011
35.	Kuldeep Singh	Active Flow Control Using Vortex Generator Jet	A.R.Paul	2011
36.	Piyush Kumar Rai	Torque Analysis For Biped Robot With Human Gait Data	Rakesh Mathur R.P. Tewari	2011
37.	Nagesh Kumar Srivastava	Synthesis and Characterization of Manganese Doped Cobalt Ferrite For Microwave Applications	Anuj Jain	2011
38.	Pravin Kumar Shukla	Modeling and Simulation of Microgripper For Biomedical Application	R.P. Tewari and S.J.Pawar	2011

II. PUBLICATIONS IN INTERNATIONAL JOURNALS:

1. A. K. Upadhyay, Ramesh Pandey and K.K.Shukla (2011), Nonlinear Dynamic Response of Laminated Composite Plates Subjected to Pulse Loading, *Communications in Nonlinear Science and Numerical Simulation (Elsevier)*, 16(11), 4530-4544.
2. S. Singh, K. V. Kulkarni, R. Pandey and H. Singh (2012), Buckling Analysis of Thin Rectangular Plates with Cutouts subjected to Partial Edge Compression using FEM, *Journal of Engineering, Design and Technology (Emerald)*, 10(1), 128-142.
3. P. Pal and A. Bhar (2012), The Displacement Perspective During Ultimate Failure of Composite Laminates, *Applied Composite Materials (Springer)*, DOI 10.1007/s10443-012-9262-y (Published Online First: 22-March 2012).
4. Akshoy Ranjan Paul, Ravi Ranjan Upadhyay, Anuj Jain, "A Novel Calibration Algorithm for Five-hole Pressure Probe", *Int. Journal of Engineering, Science and Technology (IJEST)*, vol. 3, no. 2, pp. 89-95, July 2011.
5. Akshoy Ranjan Paul, Pritanshu Ranjan, Vivek Kumar Patel, Anuj Jain, "Flow Control in Rectangular S-Duct Diffuser using Submerged Vortex Generators", *Int. Review of Aerospace Engineering*, Vol. 4, No. 2, pp. 76-86, April 2011.
6. Dheeraj Sagar, Akshoy Ranjan Paul, Anuj Jain, "CFD Investigation of Turbulent Separated Flows in Axisymmetric Diffusers", *Int. Journal of Engineering, Science and Technology (IJEST)*, vol. 3, no. 2, pp. 104-109, July 2011.
7. Akshoy Ranjan Paul, Kalyan Kuppa, Mahendra S. Yadav, Ujjal Dutta, "Flow Improvement in Rectangular Air Intake by Submerged Vortex Generators", *Journal of Applied Fluid Mechanics*, Vol. 4, No. 2, Issue 1, pp. 77-86, July 2011.
8. Pritanshu Ranjan, Akshoy Ranjan Paul, Ajay Pratap Singh, "Computational Analysis of Frictional Drag over Transverse Grooved Flat Plates", *International Journal of Engineering, Science and Technology (IJEST)*, Vol. 3, No. 2, pp. 110-116, July 2011.
9. Ajay Pratap Singh, Akshoy Ranjan Paul, Pritanshu Ranjan, "Investigation of Reattachment Length for a Turbulent Flow over a Backward Facing Step for Different Step Angle", *International Journal of Engineering, Science and Technology (IJEST)*, Vol. 3, No. 2, pp. 84-88, July 2011..
10. Dinesh Bhatia, Gagan Bansal, R.P Tewari, K K Shukla, 'State of Art: Functional Electrical Stimulation (FES)', *International Journal of Biomedical Engineering and Technology*, Volume 5, No. 1, pp 77-99, 2011.

11. Gagan Bansal, Dinesh Bhatia, Deepak Joshi, Sneha Anand and R.P.Tewari ‘Coordination between lower limb muscles in different locomotion activities’ *International Journal of Biomedical Engineering and Technology*, Volume 6, No.2, 2011, pp 23-30.
12. J.K.Rai, R.P.Tewari, Shraddha Pandey and Dinesh Chandra, ‘Optimised Torque Trajectory for Humanoid Robot Based on Human Gait Data’, *International Journal of Mechatronics and Manufacturing Systems*, Vol. 4, No. 2, pp. 171-184, 2011.
13. Chen-Hung Huang, S. J. Pawar, Zih-Jyun Hong, and Jin H. Huang, “Insert Earphone Modeling and Measurement by IEC-60711 Coupler,” *IEEE transactions on Ultrasonics, Ferroelectrics and Frequency Control*, Vol. 58, issue 2, pp 461 – 469, 2011. Digital Object Identifier: 10.1109/TUFFC.2011.1823.
14. Suryappa Jayappa Pawar, Soar Weng, Jin Huang Huang, “Experimental Verifications and Simulations of Magnetic Motor of Circular Miniature Loudspeaker for Total Harmonic Distortion,” *Applied Mechanics and Materials*, Vol. 87, pp 136-139, Aug. 2011.
15. Singh, Jeeoot and Shukla, K.K., “Nonlinear flexural analysis of laminated composite plates using RBF based meshless method”, *Composite Structures*, Vol. 94, 1714-1720 (2012).
16. Ramesh, T., Prakash, R., and Shukla, K.K., “Life Cycle Energy Analysis of Residential Buildings with Different Envelopes and Climates in Indian Context”, *J. Applied Energy*, Vol. 89(1), 193-202 (2012).

III. PUBLICATIONS IN NATIONAL JOURNALS:

1. Jeeot Singh, Sandeep Singh, and K.K.Shukla, Flexural Analysis of laminated composite plates using thin plate spline radial basis function, *J. Modeling and Simulation in Design and Engineering*, Vol. 2, No. 1, 79-84 (2011).
2. Singh S, Pandey VK, Tewari R.P. and Agarwal V. Nanoparticle based drug delivery system: Advantages and application. *Indian Journal of Science and Technology*, Vol 4 (3), pp 167-169 (2011).

IV. PUBLICATIONS IN INTERNATIONAL CONFERENCES:

1. Sudhendu N Tiwari, Artika Rao, Ajaya Bharti, K.M.Gupta “Effect of Torque Tightening at Low and High Value of Stress Amplitude on the Fatigue Strength of Al2024-T4 Double Lap Bolted Joints” *Proceedings of “ICAM-2011”* page 79-80.
2. Artika Rao, Sudhendu N Tiwari, Ajaya Bharti, K.M.Gupta “Effect of Artificial Ageing on Fretting Fatigue Behaviour of 2024-T4 Aluminium Alloy” *Proceedings of “ICAM-2011”* page 80.
3. Vishwanath S.M., A.K.Upadhyay and K.K.Shukla (2011), “Low velocity impact analysis of composite laminates using linearized contact law.” *Fifth International Conference on Advances in Mechanical Engineering, ICAME-11, SVNIT, Surat, (06-08 June 2011, pp.834).*
4. K.V. Kulkarni, A.K.Upadhyay and K.K.Shukla (2011), “An analytical solution for dynamic response of laminated composite skew plate.” *Fifth International Conference on Advances in Mechanical Engineering, ICAME-11, SVNIT, Surat, (06-08 June 2011, pp.834).*
5. A.K.Upadhyay and K.K.Shukla (2012), “Nonlinear Dynamic Analysis of Laminated Composite Skew Plates” *Fourth International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, (04-06 January 2012).*

6. V. S. Managuli, A.K.Upadhyay and K.K.Shukla (2012), “Low Velocity Impact Analysis of Sandwich Plates Using General Linearized Contact Law” Fourth International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, (04-06 January 2012).
7. G.Bhardwaj, A.K.Upadhyay, R. Pandey and K.K.Shukla (2012), “Buckling and Post Buckling Response of CNT Reinforced Multi-Scale Composite Laminated Plates” Fourth International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, (04-06 January 2012).
8. Sandeep Singh, J. Singh, and K.K.Shukla, “Buckling of Laminated Composite Plates using Meshless Method Based on Radial Basis Function”, Fourth Int. Conf. on Structural Stability and Dynamics (ICSSD-2012), Jaipur, India, 4-6 Jan. 2012.
9. G. Bhardwaj , A. K. Upadhyay, R. Pandey and K. K Shukla (2011), “Effect of CNT Percentage and Aspect Ratio on the Elastic Properties of CNT Reinforced Multi-Scale Composite”, Proc. of International Conference on Advances in Materials and Material Processing (ICAMMP-2011), December 09-11, 2011, held at Indian Institute of Technology Kharagpur (West Bengal), India.
10. G. Bhardwaj, R.Pandey, K.K. Shukla, “Flexural Response of CNT reinforced multi-scale composite cross ply laminated plates ” Accepted in the ISAMPE (Indian Society for advancement of materials and process engineering) National Conference on Composites-INCCOM 10 November 18-19,2011 to be held at Pune Chapter Research and Development Establishment (Engineers)-Pune.
11. A. Bhar, S. K. Satsangi and S. K. Bhattacharyya, Static and Natural Vibration Analysis of Stiffened Functionally Graded Plates (Paper ID. 419), *16th International Conference on Composite Structures (ICCS16)*, FEUP, Porto, Portugal, 28-30 June, 2011
12. J. Singh, Sandeep Singh, and K.K.Shukla, “ RBF based Meshless Method for Free Vibration Analysis of Laminated Composite Plates”, Int. Conf. on Aeronautical and Astronautical Engineering, ICAAE 2011, Paris, France, July 27-29, 2011.
13. P.P.Singh, G. Bhardwaj, S.B.Mishra, and K.K.Shukla, “ Influence of Aspect Ratio and CNT-Matrix Interphase in Carbon Nanotube Reinforced Composites”, 5th International on Advances in Mechanical Engineering (ACAME), SVNIT Surat India, June 06-08, 2011.
14. M.K.Dikshit, S.B.Mishra, and K.K.Shukla, “ Investigation of Elastic Modulus of Epoxy DGEBA Cured with DEDTA by Molecular Dynamics”, 5th International on Advances in Mechanical Engineering (ACAME), SVNIT Surat India, June 06-08, 2011.
15. Akshoy Ranjan Paul, Shrey Joshi, Aman Jindal, Ajit Verma, Shivam P. Maurya, Anuj Jain, “*Active Flow Control in Twin Air-Intake using Vortex Generators Jets*”, Proceedings of the 9th International Conference on Mechanical Engineering (ICME-2011), 18-20 December 2011, Dhaka, Bangladesh, Paper Code: ICME11-FL-024.
16. Vivek Kumar Srivastav, Anuj Jain, Akshoy Ranjan Paul, Shrey Joshi, “*CFD Modelling of Airflow in Human Respiratory System*”, Proceedings of the 9th International Conference on Mechanical Engineering (ICME-2011), 18-20 December 2011, Dhaka, Bangladesh, Paper Code: ICME11-FL-09.
17. Akshoy Ranjan Paul, Pritanshu Ranjan, Ravi Ranjan Upadhyay, Anuj Jain, “*Flow Control in Twin Air-Intakes using Vortex Generators*”, Recent Researches in Applied and Computational Mathematics, pp. 107-116, WSEAS Press, ISBN: 9781618040022, Proceedings of International Conference on Applied and Computational Mathematics (ICACM '11), Lanzarote, Canary Islands, Spain, May 27-29, 2011.
18. Anuj Jain, Akshoy Ranjan Paul, S.K. Aggarwal, B. Mohanty, B.P. Mani, “*A New Correlation for Holdup in Gas-Solids Cyclone*”, Recent Researches in Applied and Computational Mathematics, pp. 117-126, WSEAS Press, ISBN: 9781618040022, Proceedings of International Conference on

- Applied and Computational Mathematics (ICACM '11), Lanzarote, Canary Islands, Spain, May 27-29, 2011.
19. Akshoy Ranjan Paul, Pritanshu Ranjan, Ravi Ranjan Upadhyay, Anuj Jain, “*Passive Flow Control in Twin Air-Intakes*”, Proceedings of WASET International Conference on Mathematical and Computational Methods in Science and Engineering (ICMCMSE 2011), Paris, France, June 24-26, 2011 yr 7, issue 77, Article no. 56, pp. 297-304, print ISSN: 2010-376X.
 20. Bharat B. Gulyani, Anuj Jain, Shalendra Kumar, “*Optimal Synthesis of Mutipass Heat Exchanger without resorting to Correction Factor*”, Proceedings of WASET International Conference on Mathematical and Computational Methods in Science and Engineering (ICMCMSE 2011), Paris, France, June 24-26, 2011 yr 7, issue 77, Article no. 210, pp. 1190-1196, print ISSN: 2010-376X.
 21. K.M. Gupta and Nishu Gupta, “Instructional Design for Teaching of Electrical, Electronic and Magnetic Materials: A Case Study for Teaching at Master’s Level ” abstract communicated to International Journal of Arts and Sciences (IJAS) Conference at Aix-en-Provence, France, June 07-10, 2011.
 22. K.M. Gupta, “Effect of Poisson’s Ratio on Flexibility of Smooth Orthotropic Pipe Bend”, accepted for publication in the proceedings of the ‘Nineteenth International Conference on Composites/Nano Engineering (ICCE-19), Shanghai, China, July 24-30, 2011.
 23. K.M. Gupta and Anshuman Srivastava, “Development and Characterization of Natural Jute-cane Dual Green Fibre Hybrid Composite” accepted for publication in the proceedings of the ‘11th International Conference on Frontiers of Polymers and Advanced Materials(Incorporating Biomaterials Africa), University of Pretoria, Hatfield, Pretoria, May 22-27, 2011.
 24. K.M. Gupta and Ankur Kumar Gupta, “Dynamic Response of a Sandwich Plate Subjected to Impact Loading” accepted for publication in 11th Annual UNESCO/IUPAC Workshop and Conference on Functional Polymeric Materials and Composites, University of Stellenbosch, Department of Chemistry and Polymer Science, Matieland 7602, South Africa, April 26-29, 2011.
 25. Laxmi Upadhyay, R P Tewari and Rakesh Mathur, “Effect of Shoe Heel Height on Lower Limb Muscle Electromyographic Study During Walking” 3rd International Conference on Mechanical and Electrical Technology ICMET 2011, Dalian, China August 26-27, 2011.
 26. Laxmi Upadhyay, R P Tewari and Rakesh Mathur, “Synthesis and Characterisation of Carboxymethyl Chitosan based Hybrid Bipolymer Scaffold”. International Conference on Mechanical and Electrical Technology ICMET 2011, Dalian, China August 26-27, 2011.
 27. Amit Srivastava, Ashish Kumar Mishra, R.P.Tewari and Rakesh Mathur “Effect Of Shoe Heel Height On Lower Limb Muscles Electromyographic Activity During Walking” ICMET 2011, August 26-27, 2011 Dalian, China (Accepted).
 28. Jin H Huang and S. J. Pawar, “Earbud-Type Earphone Modeling and Measurement,” Eighth International Conference for Mesoscopic Methods in Engineering and Science (ICMMES-2011), July 4-8, 2011 Lyon, France. (Poster presentation).
 29. Suryappa Jayappa Pawar, Soar Weng, and Jin Huang Huang, “Experimental Verifications and Simulations of Magnetic Motor of Circular Miniature Loudspeaker for Total Harmonic Distortion Improvement”, 2011 International Conference on Applied Mechanics and Manufacturing Technology (AMMT’11), Bali, Indonesia, August 4-5, 2011.
 30. K.M. Gupta, “Key Engineering Materials” delivered inaugural address as Conference Chair in ICKEM 2012 at Singapore, February 26-28, 2012.
 31. K.M. Gupta, “Sandwich Composite Materials: Construction and Applications” delivered Keynote address in ICKEM 2012 at Singapore, February 26-28, 2012.

V. PUBLICATIONS IN NATIONAL CONFERENCES:

1. Akshoy R. Paul, Pradip K. Niranjana, Shrey Joshi, Ajit Verma, Anuj Jain, “Computational Analysis of a Rear Spoiler on a Sedan Car”, Proceedings of the 38th National Conference on Fluid Mechanics and Fluid Power, M.A.N.I.T. Bhopal, India, Paper code: CFD-13, Dec. 13-15, 2011.
2. Akshoy R. Paul, Shrey Joshi Aman Jindal, Shivam P. Maurya, Anuj Jain, “Comparison of Active and Passive Flow Controls: A Case Study in Bifurcated Air-Intake”, Proceedings of the 38th National Conference on Fluid Mechanics and Fluid Power, M.A.N.I.T. Bhopal, India, Paper code: FP-04, Dec. 13-15, 2011.
3. Vivek Kumar Srivastava, Amit Kumar, Anuj Jain, Akshoy Ranjan Paul, , “CFD Modelling of Bifurcated Human Airways”, Proceedings of the 38th National Conference on Fluid Mechanics and Fluid Power, M.A.N.I.T. Bhopal, India, Paper code: CFD-07, Dec. 13-15, 2011.
4. G. Bhardwaj, R.Pandey, K.K.Shukla, “ Flexural Response of CNT Reinforced Multi-scale Composite Laminated Plates”, ISAMPE National Conference on Composites- INCCOM10, Pune, Nov. 2011.
5. Taslima Ahmed, Hitendra Singh, and S.J. Pawar, “Study and phenomenological description of a piezoelectric ultrasonic transducer: a review”, National Conference on “Emerging Trends In Mechanical Engineering (ETME - 2011)”, Department of Mechanical Engineering, IIMT college of Engineering, Greater Noida, April 7-8, 2011.
6. Hitendra Singh ,Taslima Ahmed, and S. J. Pawar, “Modelling and fabrication of piezoelectric transducer”, National Conference on “Emerging Trends In Mechanical Engineering (ETME - 2011)”, Department of Mechanical Engineering, IIMT college of Engineering, Greater Noida, April 7-8, 2011.

VI. BOOKS / BOOK CHAPTERS AUTHORED:

1. K. M. Gupta, ‘Materials Science, Metallurgy and Engineering Materials’, 1st edition, Umesh Pub., Delhi, 2011, 851 pages.
2. K. M. Gupta contributed Chapter 8 entitled ‘Starch Based Composites for Packaging Applications’ pp 189-266 in the ‘Handbook of Bioplastics & Biocomposites Engineering Applications’ edited by Dr.Srikanth Pilla, U.S.A , published by Scrivener Publishing LLC, 3 Winter Street, Suite 3, Salem, MA 01970, June 2011.
3. R. K. Srivastava and S. J. Pawar, “Computer Aided Manufacturing”, Umesh Publication, Delhi. 2008, (Revised second edition reprint).

VII. SEMINARS/CONFERENCES/WORKSHOPS ATTENDED (With paper):

1. Ashutosh K. Upadhyay attended 4th International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, (04-06 January 2012).
2. A. Bhar attended 16th International Conference on Composite Structures (ICCS16), FEUP, Porto, Portugal, 28-30 June, 2011.
3. K. M. Gupta attended an International Conference on Key Engineering Materials (ICKEM 2012)” at Singapore during February 26-28, 2012.
4. K. K. Shukla attended the Fourth International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, 04-06 January 2012.

5. K. K. Shukla attended an Int. Conf. on Aeronautical and Astronautical Engineering, ICAAE 2011, Paris, France, July 27-29, 2011.
6. S. J. Pawar attended an International Conference on Applied Mechanics and Manufacturing Technology (AMMT'11), Bali, Indonesia, August 4-5, 2011.
7. S. J. Pawar attended a National Conference on "Emerging Trends In Mechanical Engineering (ETME - 2011)", Department of Mechanical Engineering, IIMT college of Engineering, Greater Noida, April 7-8, 2011.

VIII. INVITED LECTURES PRESENTED:

1. K. M. Gupta presented "The Conference Opening Remark (Inaugural Speech) and acted as Conference Chair, and also delivered Keynote Lecture in the International Conference on Key Engineering Materials (ICKEM 2012)" at Singapore during February 26-28, 2012.
2. K. K. Shukla presented Key note lecture at Fourth International Conference on Structural Stability and Dynamics, ICSSD-2012, MNIT, Jaipur, 04-06 January 2012.
3. S. J. Pawar presented an Invited Lecture at the National Conference on "Emerging Trends In Mechanical Engineering (ETME - 2011)", Department of Mechanical Engineering, IIMT college of Engineering, Greater Noida, April 7-8, 2011.

IX. RESEARCH PROJECTS:

(Including status, i.e., whether Applied For / Approved / Ongoing / Completed)

Sl. No.	Name of PI	Name of Other Investigators	Funding Agency	Title	Amount
1.	Dr. K. K. Shukla Professor & Head Applied Mechanics Department, MNNIT Allahabad	Dr. S.B.Mishra Mechanical Engineering Department, MNNIT Allahabad	Advanced Systems Laboratory (ASL) A Defense Research and Development Organization (DRDO), Ministry of Defense, Govt. of India	Design Simulation, Modeling and Mechanical Properties Characterization of Carbon Nano Tube (CNT) Composites	127 lacs

X. OTHER ACHIEVEMENTS:

1. Ashutosh K. Upadhyay has acted as Reviewer for the *Int. Journal of Mechanical Sciences*.
2. A. Bhar has acted as Reviewer for (i) *Mechanics of Advanced Materials and Structures (Taylor & Francis)*, (ii) *Composites Part B (Elsevier)*, (iii) *International Journal of Engineering, Science and Technology (MultiCraft Publishers)* and (iv) *Arabian Journal for Science and Engineering (Springer)*.
3. K. M. Gupta has acted as Member of Scientific Committee for 'The Second International Conference on New Trends in Education and Their Implications', Antalya Turkey, 27-29 April 2011.
4. K. M. Gupta has acted as Member of Editorial Board for 'The International Journal on New Trends in Education and Their Implications' 2011, Antalya Turkey.

5. K. M. Gupta has acted as Conference Chair in the International Conference on Key Engineering Materials (ICKEM 2012) at Singapore during February 26-28, 2012.
6. K. K. Shukla has acted as Reviewer for (i) Communication in Nonlinear Science & Numerical Simulations, (ii) Composite Structures, (iii) Mechanics of Advanced Materials & Structures (iv) Int J. of Mechanical Sciences (v) Acta Mechanica Solida Sinica (vi) AIAA Journal (vii) Shock and Vibration (viii) Composites: Part-B.

10.2 DEPARTMENT OF BIOTECHNOLOGY

The department of Biotechnology has six eminent faculties in various disciplines. The faculty is supervising number of externally funded research projects in different disciplines. In the year 2011-12, a total of six research projects funded by DST/DBT/Ministry of New and Renewable Energy have been sanctioned/initiated in the department. Faculty in the Department of biotechnology proved its excellence by publishing a total of nine research papers in national/international journals. The department faculty has also contributed to a chapter in book entitled “Biotransformation of agro-industrial wastes: Fine biochemicals” and has made visits abroad for attending conferences for presenting papers/invited lecture/training programmes. In addition faculty is also supervising B.Tech and M.Tech research projects in the department.

The department offers B.Tech, and M.Tech courses in Biotechnology and has eight research scholars enrolled in the PhD programme as full time/part time/sponsored candidates. In the year 2011-12, there was approximately 95% placement of B. Tech and M.Tech students from the department. Besides getting placed in private companies, some of the B.Tech/M.tech students have cleared fellowships from CSIR/DST and got selected in premier institutes of India/abroad to pursue higher education. **Mr. Rohit Suratekar** has been selected in Integrated PhD program at National Centre for Biological Sciences (NCBS), Bangalore. **Ms. Sneha Saxena** has been selected in PhD program in DNA Repair and Disease Laboratory, Department of Biochemistry, Indian Institute of Science (IISc), Bangalore, with 2nd rank in the departmental merit list after cracking DBT- JRF examination 2012. Ms. **Pooja Yadav** has been selected in PhD program at School of Biological Sciences as well as in IIT Delhi. **Ms. Priya Anand** has been selected in PhD program at Department of Biosciences and Bioengineering, IIT Bombay. **Ms. Vartika Tewari** has been selected in PhD program at Department of Biological Sciences, National university of Singapore (NUS).

The achievements of the department of Biotechnology are highly encouraging and show a positive growth of the department.

I. LIST OF Ph.D. THESIS SUPERVISED:

Sr. No.	Name of Student	Ph.D. Thesis	Supervisors	Year
1.	Mr. Sandeep Bisht	Role of plant microbe interactions in Rhizoremediation.	Dr. Shivesh Sharma	2011

II. LIST OF M. TECH. THESIS COMPLETED:

Sr. No.	Name of Student	M. Tech. Thesis	Supervisors	Year
1.	Ritika Pathak	Impact of Mass Bathing on the Bacteriological water Quality of Sangam	Dr. Shivesh Sharma	2012
2.	Madhav Aarya	Impact of Mass Bathing on Physico-chemical Quality of Water and Resistance profile of prevalent Bacterial Isolates in Sangam	Dr. Shivesh Sharma	2012

3.	Inderjeet Yadav	Biofilm forming capabilities of Zn tolerant bacteria for heavy metal bioremediation	Dr. Vishnu Agarwal	2011-12
4	Monika Bhaskar	Isolation and characterization of copper tolerant bacteria and estimation of its biofilms forming capabilities	Dr. Vishnu Agarwal	2011-12
5	Piyush Priya	Synthesis and characterization of Eucalyptus oil loaded silica nanoparticles and their inhibitory effect on biofilms	Dr. Vishnu Agarwal	2011-12
6	Parul Sirohi	Effect of plant oils on biomaterial surface associated <i>E. coli</i> infections	Dr. Vishnu Agarwal	2011-12
7	Shweta Ranghar	Synthesis and Characterization of cefexime containing silica nanoparticle for potential use against biofilm	Dr. Vishnu Agarwal	2011-12
8	Amit Khandelwal	Prevention Of Foleys Catheter And Urine Collection Tube Associated <i>E.Coli</i> Biofilms By Plant Oils	Dr. Vishnu Agarwal	2011-12
9	Ms Varija Mall	Exploration of pine forest waste for the production of value added products.	Dr. Sangeeta Negi	2012
10	Ms Ayushi Jain	Optimization of pre-treatment process for lignocellulosic bioethanol production using pine litters.	Dr. Sangeeta Negi	2012
11	Noopur Singh	Biological synthesis of lead sulphide nanoparticles simultaneous to its bioremediation.	Dr. Seema Nara	2012
12	Richa Ballabh	Template based synthesis of gold nanotubes assisted by biologically synthesized gold nanoparticles and their characterization	Dr. Seema Nara	2012
13	Dharmendra Kr. Joshi	Isolation of phytase producing bacteria and optimization of phytase production	Dr. N.K. Singh	2012
14	Kumar Avay Chandra	Collection and micropropagation of <i>C. flexosus</i> for extraction of citral oil and study of its various applications	Dr. N.K. Singh	2012
15	Anuj Shukla	Development of tiling population for quality improvement in Basmati rice	Dr. N.K. Singh	2012
16	Ankesh Pandey	Quantitative expression study of C-mos gene transcript in mouse during development	Dr Manisha Sachan	2012
17	Seema Chaudhary	Semi Quantitative gene expression and cloning of sox 11 gene	Dr Manisha Sachan	2012

III. PUBLICATIONS IN INTERNATIONAL AND NATIONAL JOURNALS:

1. Shukla, K.P., **Sharma Shivesh**, Singh, N.K., Singh, V., Tiwari, K. and Singh, S. 2011. Nature and role of root exudates: Efficacy in bioremediation. **African Journal of Biotechnology**. 10(48): 9717-9724.
2. Singh, V., **Sharma Shivesh**, Singh, N.K. Shukla, K.P. and Kumar, V. 2011. Tapping the potential of traditional knowledge associated with medicinal plants of tribal communities in central India: Perspective and Avenues. **Journal of Phytology**. 3(6): 42-50.
3. Solanki, A. S., Kumar, V. and **Sharma, Shivesh**. 2011. AM fungi and *Azotobacter chroococcum* affecting yield, nutrient uptake and cost efficacy of *Chlorophytum borivillianum* in Indian Arid Region. **Journal of Agricultural Technology**. 7(4): 983-991.
4. Pandey V., Singh S., Verma P., Upadhyaya L., Tewari RP., and **Agarwal V.** *E coli* colonization and biofilms formation on different externally implantable devices. FEMS 2011, 26-30 June 2011, Geneva Switzerland
5. Verma P., **Agarwal V.**, Lal R., and Singh Poonam. Antimicrobial effect of different plant oils on contact lenses and dental plaque. Second international conference on antimicrobial resistance: a cause for global concern. 6-8 Feb 2012.
6. Sangeeta Negi and Sunil Kumar, Evaluation of techniques used for parameters estimation of bioremediation of FOG solid waste. Applied Biochemistry and Biotechnology Available online. In press, 2012
7. Sunil kumar., Nitin Katiyar., Priyanka Ingle., Sangeeta Negi, Optimization of lipase production using grease waste as substrate through EVOP-factorial Design Technique, Bioresource Technology, 102, 4909-4912, 2011
8. Sangeeta Negi and Rintu Banerjee, Extraction and purification of Glucoamylase and Protease produced by *Aspergillus awamori* in a Single Fermentation. Food Technol Biotechnol. 49 (3), 310–315. (2011).
9. *A Competitive immunochromatographic strip assay for 17- α -hydroxy progesterone using colloidal gold nanoparticles*, Vinay Tripathi, Seema Nara, Kamyia Singh, Harpal Singh, Tulsidas G. Shrivastav, *Clinica Chimica Acta*, 413 (2012) 262-268.

IV. PAPERS PRESENTED IN INTERNATIONAL AND NATIONAL CONFERENCES:

1. Sangeeta Negi and Sunil Kumar (2011). Evaluation of techniques used for parameters estimation of bioremediation of FOG solid waste”. International conference “New Horizon in Biotechnology” (NHBT-2011) National Institute for Interdisciplinary Science and Technology- CSIR Trivandrum, Kerala, India, 21-24 Nov (2011), Poster
2. Devendra Prasad Maurya and Sangeeta Negi, Comparative study of the different pretreatment strategies for optimum saccharification of sugar cane bagasse.” International conference “New Horizon in Biotechnology (NHBT-2011) National Institute for Interdisciplinary Science and Technology- CSIR, Trivandrum, Kerala, India, 21-24 Nov.2011 Poster
3. Siddhartha Vats, Dr. Rajesh Kumar and Sangeeta Negi*“Natural Way to Meet Antibiotics Resistance Challenge: In Vitro Synergistic Antimicrobial Activity of Indian spices, Cow Urine and Medicinal Plants Extract”. In proceedings of international conference New Horizon in Biotechnology (NHBT-2011) organized by National Institute for Interdisciplinary Science and Technology- CSIR Trivandrum, Kerala, India, 21-24 November. (2011). Poster

4. Dr. Seema Nara has presented a paper entitled “An immunochromatographic assay for *Salmonella typhi* detection in water using gold nanoparticles” in “The 4th Nanoscience and Nanotechnology Symposium” held at Bali, Indonesia from 23/09/11 to 25/09/11.

V. BOOK AUTHORED:

1. Sangeeta Negi, “Biotransformation of agro-industrial wastes: Fine biochemicals” contributed chapter entitled” Antimicrobial compounds from agro waste”. Springer US, Accepted in May 2012

XI. SEMINARS/CONFERENCES/WORKSHOPS ATTENDED:

1. Dr. Shivesh Shrama, International Conference of Microbiology i.e FEMS 2011 held at Geneva, Switzerland from 26th -30th June, 2011.
2. Dr. Vishnu Agarwal, FEMS 2011, 26-30 June 2011, Geneva Switzerland
3. Sangeeta Negi, sunil kumar, Nitin Katiyar, Priyanka Ingle, Anisha mathur “To develop a noble bioprocess for utilization of grease waste as a substrate for lipase production through evolutionary operation (EVOP) factorial design technique” International conference, ‘ACB2011’, organized by Asian Biotechnology Congress. Shanghai, China, 10-15 May2011. Poster

XII. INVITED LECTURES:

1. “Lignocellulosic bioethanol: Status and perspectives for India”. Special invited Lecture13-14th May 2011, Soil Science Department of East China University of Science and Technology, Nanjing, China,

XIII. RESEARCH PROJECTS:

1. DBT sponsored research project on “Harnessing PGPRs from Indo Gangetic Plain Region of Uttar Pradesh for Growth Promotion and Disease Suppression in Rice and Pigeonpea”.
2. DST sponsored research project on “Development of Eucalyptus globules oil containing bioadhesive polymeric nanoparticles and estimation of its cytotoxicity potential and assay against biofilms”
3. DBT sponsored research project on “Study of antibody and human morphonuclear neutrophils (PMN) mediated phagocytosis of PNAG positive *Staphylococcus epidermidis* biofilms and estimation of Caspase-3-like Protease (CLP) production”
4. DST sponsored Project entitled; “Process Development for Cellulosic Ethanol Production from Himalayan Chir Pine (*Pinus roxburghii*) Forest waste”.
5. A research project sponsored by Ministry of New and Renewable Energy on “Sorghum stover based biorefinery for fuels and chemicals”

XIV. OTHER ACHIEVEMENTS (Awards/fellowships/prizes):

1. Visited Biological Engineering Department, Polytech Clermont-Ferrand, University of Baise Pascal, **France** as an academic guest in the month of June2011 for technical discussion and training.

10.2 DEPARTMENT OF CIVIL ENGINEERING

I. LIST OF Ph.D. THESIS SUPERVISED:

Sr. No.	Name of Student	Ph.D. Thesis	Supervisors	Year
1.	Navin K. Choudhary	Secondary Effects in Precast Prestressed Continuous Bridges	Dr. P.K.Mehta and Prof. S. K. Duggal	2011

II. LIST OF M. Tech. THESIS COMPLETED:

1. **Mr. Indu Shekhar Chaudhary** on the topic of “Cable Stayed Vs Suspension Bridges – A Comparison” under the supervision of Dr. P. K. Mehta.
2. **Mr. Ashwini Jaiswal** on the topic of “Effect of Member Stiffnesses on Cable Stayed Bridges” under the supervision of Dr. P. K. Mehta and Prof. K. K. Shukla.
3. **Miss. Pallavi Saxena** on the topic of “Similitude Application in Cable Stayed Bridge” under the supervision of Dr. P. K. Mehta.
4. **Mr. Jitendra Tiwari** on the Topic of “Failure Analysis of Laminated Composite Plates using Finite Element Analysis” under the supervision of Dr. Rakesh Kumar and Dr. P.R.Pal.
5. **Ms Smriti Gupta** on the Topic of “Structural Health Monitoring using Electro-mechanical Impedance (EMI) Technique ”under the supervision of Dr. Rama Shankar.
6. **Mr. Abhishek Kumar** on the Topic of “”under the supervision of Dr. S.K.Duggal.
7. **Mr. Anupam Rawat** on the Topic of “Parametric Study on Rigid Pavement Design” under the supervision of Dr. Goutam Ghosh and Dr. L.K.Mishra.
8. **Mr. Chandra Mani Mishra** on the Topic of “Analysis of Laminated Composite Beams using FEM” under the supervision of Dr. Goutam Ghosh and Dr. P.R.Pal.**Mr. Prasanna Kumar Pandit** on the Topic of “Dynamic Response of Asymmetric Framed Structure Including Soil-Structure Interaction” under the supervision of Er. Y.K.Gupta and Kumar Venkatesh.
9. **Mr.Ratnesh Kumar Verma** on the Topic of “”under the supervision of Dr. S.K.Duggal.
10. **Mr. Jitendra Kumar** on the Topic of “Structural Health Monitoring using Global Dynamic Technique ”under the supervision of Dr. A.K.Sachan and Dr. Rama Shankar.
11. **Mr. Siddhartha Saxena** on the Topic of “GIS Based Traffic and Incident Information System Information System” under the supervision of Dr. Varun Singh.
12. **Mr. Sarvjeet Pal** on the Topic of “GIS Based Public Transit Information System” under the supervision of Dr. Varun Singh.

III. PUBLICATIONS IN INTERNATIONAL JOURNALS

1. Vikas Srivastava, **Rakesh Kumar**, V. C. Agrawal and P. K. Mehta “Effect of Silica Fume and Metakaolin Combination on Concrete”, International Journal of Civil and Structural Engineering, Vol 2, No. 3, pp.884-891, 2012.
2. **Rawal, N, Singh R.M, and Vaishya R.C.** “Optimal Management Methodology for Solid Wastes in Urban Areas” In Journal of Hazardous, Toxic, and Radioactive Waste Management, Vol. 15, No. 1, January 2012, pp.26-38.

3. **Rawal N, Singh R.M. and Vaishya R.C.** “Waste Characterisation and Route Optimization for Solid Wastes in Urban Areas” International Journal of Earth Sciences and Engineering; ISSN 0974-5904, Volume 04, No 06 SPL, October 2011, pp. 438-442
4. **Chakma, S.** and Mathur, S. (2011). “Estimation of Primary and Mechanical Compression in MSW Landfills.” J. of Hazardous, Toxic, and Radioactive Waste,(0.1061/(ASCE)HZ.2153-5515.0000117). (Available online).
5. **Dr. R.P. Singh** and Dr. Sumit Gandhi “*Identification of Principal Hydraulic Jump Characteristics in Prismatic and Non-prismatic Channels: Principal Component Analysis*” International Journal of Water Resources and Environment Management, Vol. 2, No. 1, 2011 pp. 77-89.
6. **Dr. R.P. Singh** “*A Dimensionless Approach for Rate of Re-aeration in River Ganges*” International Journal of Science, Spirituality, Business and Technology (IJSSBT), Vol. 1, No. 1, 2012, pp. 56-61.
7. **P. Pal** ,“Nonlinear Sloshing in Rigid Containers”, *International Journal of Recent Trends in Engineering (IJRTE)*, Issue on Civil Engineering, Vol. 5, No. 3, pp. 7-11, May 2011. ACADEMY. ISSN 1797-9617.
8. **P. Pal** (2012), “Slosh Dynamics of Liquid-Filled Rigid Containers: A Two Dimensional Meshless Local Petrov-Galerkin Approach” *Accepted in Journal of Engineering Mechanics, ASCE.*
9. **P. Pal** and A. Bhar (2012), “The Displacement Perspective during Ultimate Failure of Composite Laminates” *Accepted in Journal of Applied Composite Materials, SPRINGER VERLAG.*
10. Kumar, V. **Venkatesh, K.** Kumar, Y., “Approaches of Estimating Liquefaction Potential of Soils” International Journal of Structural and Civil Engineering, Vol.1, No.2,2012, pp. 35-53.
11. **Venkatesh, K.**, “Prediction of SPT N-Value using Artificial Neural Network Technique”, International Journal on Recent Trends in Engineering and Technology, Vol. 5, No.3,2011, pp. 39-41.
12. **Shanker R,** Bhalla S, Gupta A and Kumar M K, “Dual Use of PZT Patches as a Sensor in Global Dynamic and Local EMI Techniques for Structural Health Monitoring” Journal of Intelligent Material Systems and Structures **Vol. 22** No 16, 2011, pp 1841—1856.

IV. PUBLICATIONS IN NATIONAL JOURNALS

1. Vikas srivastava, **Rakesh Kumar**, V. C. Agarwal and **P. K. Mehta**, “Effect of Silica Fume and Metakaolin on Workability and Compressive Strength of Concrete”, NICMAR Journal of Construction Management, Vol XXVI, No. IV, pp. 19-27, 2011.
2. **P. K. Mehta** and Vikas Srivastava, “Fly Ash Utilization in Construction Industry – A Step Towards Greener Environment”, NICMAR Journal of Construction Management, Vol XXVI, No. IV, pp. 36-44, 2011.
3. Navin Kumar Chaudhary, **S. K. Duggal, P. K. Mehta** and Sheo Gopal, “Continuous Vs Integral Bridges – Primary and Secondary Effects”, Journal of Structural Engineering, CSIR-SERC, Vol 39, No 1, pp.146-151, 2012.
4. **Singh, R.M.**, “ Wavelet-ANN model for diffuse pollution prediction in streams” ISH Journal of Hydraulic Engineering, ISSN 0971-5010, Volume 17, No 3, SP. October 2011, pp 1-11. (This publication has been awarded G.M. NAWATHE BEST PAPER PRIZE by The Indian Society for Hydraulics, Pune)
5. **Shalinee Shukla** and Satish Chandra, “Simulation of mixed traffic flow on Four Lane Divided Highways”, Journal of Indian Roads Congress, 72(1), 55-71, 2011.
6. Praveen Kumar and **Varun Singh** “GIS Based Application of Advanced Traveler Information System in India”, Journal of the Institution of Engineers (India): Series A, March 2012, Volume 93, Issue 1, pp 79-85.

V. PUBLICATIONS IN INTERNATIONAL CONFERENCES

1. **Chakma, S.** and Akhtara, H., “Quality Assessment of Ground and River water at Naini, Allahabad” ENSURE 2012: Environmentally Sustainable Urban Ecosystems”, February 24-26, 2012 at IIT Guwahati, Assam, INDIA.
2. **Chakma, S.** and Singh, V. K., “Bio-Reactor Landfill Potential in Allahabad.” ENSURE 2012: Environmentally Sustainable Urban Ecosystems”, February 24-26, 2012 at IIT Guwahati, Assam, INDIA.
3. **Chakma, S.**, Vaishya, R.C., Yadav A.K. and Pooja , “Assessment of Renewable Energy Potential in India: A Review” International conference of ICUE, Org. by AIT Bangkok, Thailand, 28-30 September, 2011, 15.3.
4. **Chakma S.**, Jha N., Gupta V, and Bisht P. S. , “Leachate and its characteristics from Open MSW Dumps.” 2nd International Conference on Solid waste Management and Exhibition, 8-10 November, 2011. Kolkata, India.
5. Mr. Manoj K. Tiwari and **Prof. R. P. Singh**, “Performance Evaluation of Reverse Osmosis Membrane in Water Treatment” in Abstracts of the International Conference on Environmentally Sustainable Urban Ecosystems (ENSURE 2012) held at IIT Guwahati, Assam, during February 24-26, 2012, pp.206.
6. **Venkatesh, K.** Kumar, Y. and Kumar, V., “Neurofuzzy Modeling Approach for Estimating Shear Strength Parameters of Cohesive Soil” Proceedings of the 13th International Conference of International Association for Computer Methods and Advances in Geomechanics (IACMAG), Melbourne, Australia, 9-11 May, 2011.
7. Mainak Bandyopadhyay, Maharana Pratap Singh and **Varun Singh**, “Routing in MANET Based on Geospatial Technologies: A Novel Architecture”, International Conference on Recent Trends in Information Technology and Computer Science, December 9-10, 2011, Mumbai.

VI. PUBLICATIONS IN NATIONAL CONFERENCES

1. **Chakma, S.**, "MSW Management of NER Region and Sustainable Measures." Water, Energy and Biodiversity, Agartala, India, 20-22 August, 2011, pp. 280-283. ISBN: 938136128-2.
2. Vikas Srivastava, **Rakesh Kumar** and **P. K. Mehta**, “Compressive Strength of Synthetic Fibre Reinforced Concrete”, National Conference on Innovative Challenges in Civil Engg., PTU, Bathinda, March 15-16, 2012, pp. 184-187.
3. Vikas Srivastava, Atul and **P. K. Mehta**, “Flyash in Road Construction”, National Conference on Innovative Challenges in Civil Engg., PTU, Bathinda, March 15-16, 2012, pp. 202-205.
4. **Singh, R.M.**, “ Non point pollution predictions in river system using time series patterns in multi level Wavelet-ANN Model” in Proceedings of the International Conference on Pattern Recognition, Informatics and Medical Engineering (PRIME-2012), March 21-23, 2012 at Salem, Tamilnadu, India, pp 416–421. (978-1-4673-1039-0/12/\$31.00 ©2012 IEEE)
5. Gautam, A.K., and **Singh, R.M.**, “GIS based Groundwater Modelling of Agricultural Canal Command Area. MAP India” 14th Annual International Conference and Exhibition on Geospatial Information Technology and Applications, 7-9 Feb, 2012, Gurgaon, India (PN-44).
6. **Singh, R.M.**, “Genetic algorithm based optimal design of hydraulic structures with uncertainty characterization” in Proceedings, Second International (joint) Conference, SEMCCO FANCCO 2011, Visakhapatnam, Andhra Pradesh, India, December 19-21,2011, pp 742–749.

7. **Mishra L.K.**, “Engineering Preparedness for Reducing Hazards due to Natural Disasters” Proceedings of IE(I) UP State Centre, Lucknow, 15 September, 2011.
8. Mainak Bandyopadhyay, Maharana Pratap Singh and **Varun Singh**, “Integrated visualization of distributed spatial databases”, IEEE Conference on Recent Advances in Information Technology, March 15-17, 2012, Dhanbad.

VII. BOOKS AUTHORED:

1. Bhalla, S., **Shanker, R.** and Gupta, A. (2011) “Integration of EMI Technique with Global Vibration Technique” Chapter 6, Smart Materials in Structural Health Monitoring, Control and Bio-Mechanics and Practices, Soh, C.K., Yang, Y.K., and Bhalla, S., editors, Springer-Verlag, Hangzhou.

VIII. SEMINARS / CONFERENCES / WORKSHOPS ATTENDED

1. **Dr. L.K.Mishra** has attended an Interactive session of IE(I) Chairmen at ESCI Hyderabad on 31-01-2012 and delivered a talk on “Role of Professional Bodies in Curriculum up gradation”.

IX. SEMINARS / CONFERENCES / WORKSHOPS/ SHORT TERM COURSES/ TRAINING PROGRAMME ORGANISED

1. **Dr. L.K.Mishra** has organized Golden Jubilee Conclave -2011 on “Technology For Sustainable Development during 19-20 November, 2011 at MNNIT, Allahabad as organizing Secretary.

X. INVITED LECTURES:

1. **Dr. R. P. Singh** delivered a lecture on “Steps to be followed by P.G. and Ph.D. students for Innovative Research” at I.E.T. Lucknow, during October, 2012.

XI. RESEARCH PROJECTS:

1. **UPPCB Lucknow** sponsored project on “Ambient Air Quality Monitoring and Noise Monitoring in Allahabad city, Sanctioned Amount: Rs 7.12 lakhs, **P.I.:** Dr. R.P. Singh, Professor, CED, MNNIT, **Team Members:** Dr. S.C. Prasad, Professor, Dr. R.C. Vaishya, Professor and Dr. N.R. Rawal, **Duration:** April 2012-2014.
2. **UNICEF** sponsored project on “Water Quality Surveillance in Allahabad District, Sanctioned Amount: Rs 7.12 lakhs, **P.I. :** Dr. R.C. Vaishya, Professor, CED, MNNIT, **Co-P.I. :** Dr. R.P. Singh, Professor, CED, **Duration:** 01 year, Dec. 2011-Dec. 2012.

XII. OTHER ACHIEVEMENTS:

- **Dr. R.P.Singh** became Reviewer of International Journal : Chemical Engineering Journal, Since May 2011.
- **Dr.P.Pal** become Life Member, Indian Society for Technical Education (**LM-79511**)
- **Dr. P.Pal** has become reviewer of Journal of Fluids and Structures, Elsevier and Journal of Ocean Engineering, Elsevier
- **Dr. Shalinee Shukla** has been nominated STA, PMGSY, MNNIT Allahabad (U.P)
- **Dr. L.K.Mishra** has been elected as Chairman IE(I) Allahabad Local Centre, Allahabad for the session 2011-13.

10.4 CHEMICAL ENGINEERING DEPARTMENT

I. LIST OF INTERNATIONAL & NATIONAL JOURNALS: NIL

II. LIST OF INTERNATIONAL & NATIONAL CONFERENCES:

1. Polymer layered silicate nano composites (PLSN): High performance polymeric material, Umesh Chandra Sharma, Shashir Sinha and Sadhana Sachan, TACEE-2012, March 23-24, 2012 at Pilani, India.
2. Study of thermal characterization of Xyloglucan (Polysaccharide) and its copolymer, Praveen Bhai Patel, SadhanaSachan, TACEE-2012, March 23-24, 2012 at Pilani, India.
3. Abhishek K. Chandra, Kaushal Kishor, P. K. Mishra, and M. Siraj Alam, A review on liquid-liquid mass transfer in microchannel system, Proceedings of conference, Technological Advancements in Chemical and Environmental Engineering (TACEE), held at BITS – Pilani, on March 23 – 24, 2012, pp 159.
4. Kaushal Kishor, Abhishek K. Chandra, P. K. Mishra and M. Siraj Alam, Mass Transfer in the Two-Phase Microfluidic Devices, RACEE-2012, National Conference on Recent Advances in Chemical and Environmental Engineering, January 20-21, 2012, pp 178, Chemical Engg. Department, NIT Rourkela-769 008, Orissa, India.

III. SEMINARS / CONFERENCES / WORKSHOPS ATTENDED

Ritu Arya attend 4th National Symposium for Materials Research Scholars (MR-12) & Workshop on Advanced Characterization Techniques, 3rd – 5th May 2012 at I.I.T., Mumbai.

10.5 DEPARTMENT OF CHEMISTRY

I. PUBLICATIONS IN INTERNATIONAL & NATIONAL JOURNALS:

1. Santosh Kumar, Joonseok Koh, Dilip Kumar Tiwari & Pradip Kumar Dutta. Optical Study of Chitosan-Ofloxacin Complex for Biomedical Applications. *Journal of Macromolecular Science, Part A*. 2011;48:789-795.
2. Brijesh K. Singh, D. Archana and P.K.Dutta. Regioselective synthesis of chitosan based 1,2,3-triazoles via “Click Chemistry” for pharmaceutical applications. *Asian Chitin Journal* 2011(1);7:1-6.
3. Santosh Kumar, P. K. Dutta, Joonseok Koh. A physico-chemical and biological study of novel chitosan–chloroquinoline derivative for biomedical applications. *International Journal of Biological Macromolecules*. 2011;49(3):356-361.
4. Madhu Kashyap, Joydeep Dutta and P. K. Dutta. Rheological characteristics of chitosan hydrogel in different solvent systems for wound healing applications. *Asian Chitin Journal* 2011(1);7:15-20.
5. Rohit Srivastava, Dilip K. Tiwari, P. K. Dutta. 4-(Ethoxycarbonyl) phenyl-1-amino-oxobutanoic acid–chitosan complex as a new matrix for silver nanocomposite film: Preparation, characterization and antibacterial activity. *International Journal of Biological Macromolecules*. 2011;49(5):863-870.
6. Alok Semwal, Brijesh K. Singh, D. Archana, Amita Verma and P. K. Dutta. Macromolecular chitosan/norfloxacin pro-drugs: synthesis, physicochemical and biological assessment for drug delivery systems. *Asian Chitin Journal* 2011;7 (1):21-28.
7. Hridyesh Kumar, Rohit Srivastava, Santosh Kumar and P.K.Dutta. Physicochemical and photoluminescence properties of pyridine cross linkable chitosan film. *Asian Chitin Journal* 2011;7(1):37-42.
8. Astha Gupta, Brijesh K. Singh, R. P. Tewari and P. K. Dutta. A comparative study on the effect of different crosslinkers on chitosan films. *Asian Chitin Journal* 2011;7:51-58.
9. Rohit Srivastava, Dilip K. Tiwari and P. K. Dutta. L-cysteine-functionalized-ZnS quantum dot (QD)-chitosan nanocomposite film for biomedical applications. *Asian Chitin Journal* 2011;7(1):59-62.
10. D. Archana, Brijesh K. Singh, Joydeep Dutta and P. K. Dutta. Preparation and characterization of chitosan – PVP-titanium dioxide ternary nanocomposites film for wound healing applications. *Asian Chitin Journal* 2011;7(1):62-.
11. P. K. Dutta , Hridyesh Kumar, Dilip K. Tiwari, D. Archana, Kazim S. Rizvi, Brijesh K.Singh, Anil Kumar, Santosh Kumar and Rohit Srivastava. The glimpses of nanoparticles to chitosan based functional nanomaterials. *Asian Chitin Journal* 2011;7 (2):103-106.
12. Alok Semwal, Brijesh K.Singh, D. Archana, Amita Verma and P.K.Dutta. Macromolecular chitosan/ciprofloxacin pro-drugs: synthesis, physicochemical and biological assessment for drug delivery systems. *Journal of Polymer Materials* 2012; 29(1):1-13.
13. Santosh Kumar, Joonseok Koh, Hyerim Kim, M.K. Gupta, P.K. Dutta. A new chitosan–thymine conjugate: Synthesis, characterization and biological activity. *International Journal of Biological Macromolecules* 2012; 50(3): 493-502.
14. Anjana Pandey, Anand Srivastava and **Ashutosh Pandey**, International Journal of Innovation in biological and Chemical Sciences, *Acidithiobacillus ferrooxidans*: A bioleaching bacteria for better iron(II) oxidation ability, Vol. 1, 32-37, 2011.

15. D.K. Gupta, S. Singh, Peter Mayer, **Ashutosh Pandey**, **Inorganic Chemistry Communications**, Hydrothermal Synthesis, Structure and Photoluminescent Property of a novel Sodium-pyrazinyltetrazole framework compound, *Inorganic Chemistry Communications*, 14, pp1485–1488, 2011.
16. M. Tripathi, R. Upadhaya, **Ashutosh Pandey** and Kamlesh Pandey, Energy and Power Engineering, Semiconductor photoelectrochemical solar cells based on admixing of nano materials for renewable energy, **Accepted**.
17. Thiyagarajan Govindasami, Anjana Pandey, Nithya Palanivelu, **Ashutosh Pandey**, Synthesis, Characterization and Antibacterial Activity of Biologically Important Vanillin Related Hydrazone Derivatives, *IJOC*, Vol 1, No.3, 71-77.
18. R. P. Singh, Kiran Gupta, **Ashutosh Pandey** and Anjana Pandey, Synthesis and characterization of Eu⁺⁺⁺ doped Y₂O₃ (red phosphor) and Tb⁺⁺⁺ doped Y₂O₃ (green phosphor) by hydrothermal processes, *World Journal of Nano Science and Engineering* 2012 (accepted).
19. G. Thiyagrajan, P Nithya, D. K. Gupta and Ashutosh Pandey , An efficient synthesis of biologically active pyrazine linked novel hydrazones, , *Biologically Active Molecules*, March 2012, 463-467.

II. Paper Presented in Conferences/Seminars:

1. P. K. Dutta presented a paper “ Graphene” National Seminar in Inorganic Chemistry, Jadavpur University, July 2011
2. P. K. Dutta delivered a lead lecture on “Physicochemical & Biochemical studies of Chitosan for Food Application” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
3. D. Archana, Research Scholar in Chemistry Department presented a paper “A ternary nano composite film based on chitosan for wound healing applications” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
4. Kazim S. Rizvi, Research Scholar in Chemistry Department presented a paper “New multi azo functional crosslinker for preparation of Spiro chitosan derivatives” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
5. Hridyesh Kumar, Research Scholar in Chemistry Department presented a poster “Synthesis of new crosslinker-Acetal group containing 2-(3-methoxy-4-(2 oxoethoxy) benzinecarbonyl) benzenesulfonamide for chitosan derivative” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
6. Tanvi Jain, M. Tech student presented a poster “Chitin Nanoparticles for Drug Delivery: Preparation, Characterization & Evaluation” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
7. Nidhi Paliwal, M. Tech student presented a poster “Effect of fluid flow on chitosan scaffolds: Degradation and kinetic study” National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.

8. Neha Saxena, M. Tech student presented a poster "Physiochemical and biological evaluation of chitosan alginate gelatin scaffold for tissue engineering applications" National seminar on "Chemistry and Biology of Chitin and Chitosan", Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
9. Richa Singh, M. Tech student presented a poster "Polycaprolactone based hybrid coating on hydroxyapatite/chitosan scaffold for controlled drug release" National seminar on "Chemistry and Biology of Chitin and Chitosan", Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
10. Madhu Kashyap Research Scholar presented a poster "Preparation and rheological characteristics of chitosan based hydrogel for wound healing applications" National seminar on "Chemistry and Biology of Chitin and Chitosan", Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
11. P. K. Dutta delivered a invited lecture on "chemistry of materials in the light of biology" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
12. D. Archana, Research Scholar in Chemistry Department presented a poster "Chitosan based Nanocomposite film for wound healing applications" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
13. Hridyesh Kumar, Research Scholar in Chemistry Department presented a paper "One-Pot Synthesis of luminescent CdTe-Cysteine-Chitosan Nanocomposite film" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
14. Nivedita Sinha, Research Scholar in Chemistry Department presented a poster " Synthesis and Characterization of N-terminal specific PEGylation of Chitosan as Drug areas" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
15. Nidhi Nigam, Research Scholar in Chemistry Department presented a paper "Synthesis, Characterization and Optical properties of Chitosan containing Azo based Schiff bases" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
16. MadhuKashyap ,Research Scholar in Chemistry Department presented a paper "Preparation and Cytotoxicity characteristics of Chitosan based hydrogel for Wound healing applications" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
17. Kazim Shamim Rizvi, Research Scholar in Chemistry Department presented a paper "New Azo functional crosslinker for the Preparation of natural polymer Derivative" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012
18. Anil Kumar, Research Scholar in Chemistry Department presented a paper "Synthesis and Characterization of MW-CNT reinforced Copper-Nickel alloy Composite by Chemical Reduction Method" in National Conference on "Chemistry: Role and Challenges", Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
19. Dilip Kumar Tiwari, Research Scholar in Chemistry Department presented a paper "Synthesis of new crosslinker 3,4-diphenylthioeno(2,3-B)thiophene-2,5-dicarboxylic acid for Chitosan derivative"

- in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
20. Tanvi Jain, M Tech student presented a Paper “Chitin & Carboxymethylchitin Nanoparticles for Drug Delivery: Preparation, Characterization ,Evaluation and Comparison” in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
 21. Neha Saxena, M.Tech student presented a Paper “Chitosan Alginate Gelatin scaffold for tissue engineering Applications: Preparation, Characterization and Biological Evaluation” in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
 22. Nidhi Paliwal, M. Tech student presented a Paper “Fluid flow on Chitosan Scaffolds:A Biomimic for Degradation and Kinetic Study” in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
 23. Richa Singh, M. Tech student presented a Paper “Hydroxyapatite/Chitosan Scaffold for controlled Drug Release: Preparation and Biological Study” in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th - 26th February 2012.
 24. Archana Upadhyay, Sumitra Arora, Madhuban Gopal, Chitra Srivastava and N.D.Pandey: Novel Heterocyclic Insecticides for Managing *Callosobruchus chinensis* (Pulse Beetle); 12th IUPAC International Congress of Pesticide Chemistry, at Melbourne (Australia), July 4-8, 2010, p.651.
 25. An efficient synthesis of biologically active pyrazine linked novel hydrazones,G. Thiyagrajan, P Nithya, D. K. Gupta and Ashutosh Pandey, ICBAM, 2012, 8-10 March 2012 (International conference).

III. Award/Achievement:

1. D. Archana, Brijesh K.Singh, Joydeep Dutta and P.K. Dutta got award presentation National seminar on “Chemistry and Biology of Chitin and Chitosan”, Organized by Indian Chitin and Chitosan Society(ICCS), University of Hyderabad, Andhra Pradesh, 5th December, 2011.
2. Nivedita Sinha and P.K Dutta, got best Poster Award in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.
3. Neha Saxena, P.K Dutta and Anuj Jain got the best Oral presentation in National Conference on “Chemistry: Role and Challenges”, Organized by Department Of Chemistry, Ewing Christian College, Allahabad on 25th -26th February 2012.

Prof P. K. Dutta delivering a lead lecture on “Physicochemical & Biochemical studies of Chitosan for Food Application” in the inaugural session of II National Chitin & Chitosan Symposium held in University of Hyderabad during December 5, 2011

D. Archana, Research Scholar receiving Best Oral paper presentation Award in II National Chitin & Chitosan Symposium held in University of Hyderabad during December 5, 2011

IV. OTHER ACHIEVEMENTS

I. Papers Published

1. Mridula Tripathi, Shivangi Trivedi, Ravindra Dhar, Markandey Singh, N.D. Pandey & S.L. Agarwal: Structural and Thermal Studies of [PVA-LiAc] TiO₂ polymer Nano-composite System, *Phase Transitions*, 2011(May), 1-9 i
2. Mridula Tripathi, Shivangi Trivedi, Ruby Upadhyay, N.D. Pandey & Kamlesh Pandey: Structural and Dielectric Studies of [PVA-LiAc] : TiO₂ polymer Nano-composite System, *Bha. Vaij. Evam Aadyo. Anu. Patrika (Hindi)*, 2011, 19(1), 70-74
3. Kamlesh Kumari, Prashant Singh, Monica Dubey, Narendra D Pandey, Ramesh Chandra & Gopal K Mehrotra; A Catalyst Free One Pot Synthesis of Multisubstituted Chromino-thiazolones; *C R Chimie*, 2012.
4. Archana Upadhyay, Madhuban Gopal, Chitra Srivastava and N.D. Pandey: Synthesis and Insecticidal Activity of 3,4-dihydropyrimidine-2(1H)-thiones against the Pulse beetle, *Callosobruchus chinensis*, *J. Pest. Sci.*, 2011, 36(4), ppp-ppp
5. Rucha Upadhyay, Amita Verma, N.D. Pandey & S.S. Narvi: Anti-hepato-toxic Activity of Fearolactone, A New Furanocoumarin from *Ferronia Lemonia*, *Med. Chem. Res. (Springer-online)*, 2011, DOI 10.1007/s00044-011-9825-8

II. Lectures/ workshops organized:

1. Organized one day workshop on "Basic Sciences: A Building Block for Engineering" on 3rd Sept. 2011 at MNNIT Allahabad.
2. Organized one talk by Ms. Manju Singh on 12/1/2012 on "Nanotechnology for biomedical applications" at MNNIT Allahabad.

Nominated member of Technical committee of Center for Interdisciplinary Research, MNNIT Allahabad.

III. Visit Abroad:

Department of Chemistry LMU Munich Germany	1 st July 2011 to 15 th July 2011
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10.6 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

I. LIST OF Ph.D. THESIS COMPLETED IN 2011:

1. **Ruchi Shukla** on the topic "Static and Dynamic Software Maintenance Effort Estimation : An Artificial Intelligence and Empirical Approach" under the supervision of **Prof. A.K. Misra**

II. LIST OF M.Tech THESIS COMPLETED IN 2011:

1. **Syed Hasan Mahmood** on the topic "Multi-Round Tie- Breaking Protocol in Sealed-Bid Auctions for the Allocation of Grid Resources" under the supervision of **Prof. Krishna Kant**
2. **Rishi Mishra** on the topic "Test Suite Reduction with Test Usability Approach" under the supervision of **Prof. A.K.Misra**
3. **Sachin Jain** on the topic "A Dual Mode Mobile Station Model to Reduce Overhead on 3G using Wi-Fi" under the supervision of **Dr. Neeraj Tyagi**
4. **Jayati Kesharwani** on the topic "Proactive Tuning of Ring Sizes in Hierarchical Multi-ring Structured Peer-to Peer Overlay" under the supervision of **Mr. Mayank Pandey**
5. **Swati Srivastava** on the topic "Offline Signature Verification Based on Pixel Oriented Feature Extraction" under the supervision of **Dr Suneeta Agarwal**
6. **Neeraj Kr Shakya** on the topic "Energy Based Routing using DYMO" under the supervision of **Dr. Neeraj Tyagi**
7. **Reshu Kapoor** on the topic "Formal Description of Design Patterns" under the supervision of **Er. D.K.Yadav**
8. **Neetu Kumari** on the topic "Verification of Dynamic Properties of Hierarchical Structured Peer-to-Peer Overlay" under the supervision of **Prof. B.D.Choudhary**
9. **Amrendra Nath Tripathi** on the topic "Protecting Ownership of Digital Images: A New Robust and Blind Watermarking Technique" under the supervision of **Dr Suneeta Agarwal**
10. **Gopal Singh Kushwah** on the topic "Modeling and Verifying Web Services Composition using Pi-Calculus" under the supervision of **Er. D.K.Yadav**
11. **Sanjai Sachan** on the topic "Search Based Space Reduction for Efficient Test Data Generation" under the supervision of **Mr. K.K.Mishra**
12. **Saumya Chaturvedi** on the topic "A Utilization Based Approach for Solving Multi- Channel Hidden Terminal Problem in Underwater Acoustic Wireless Sensor Network with Single Transceiver" under the supervision of **Dr.R.S.Yadav**
13. **Vishu Sharma** on the topic "An Efficient Schema Shared Approach for Multi- Tenant Database with Authentication and Authorization Framework" under the supervision of **Dr. D.S.Kushwaha**
14. **Rajesh Yadav** on the topic "Consolidation of Data and Query Processing on Probablistic Database" under the supervision of **Prof. M.M.Gore**
15. **Anima Srivastava** on the topic "Hybrid Approach for Handling Bottleneck Situation in Wired Network" under the supervision of **Dr. Neeraj Tyagi**
16. **Rajendra Pandey** on the topic "Web Service Discovery and Composition" under the supervision of **Dr. D.S.Kushwaha**
17. **Shiraj Pokharal** on the topic "Simulation Based Analysis of Semantically Evolving Structured Peer-to-Peer Overlay" under the supervision of **Mr. Mayank Pandey**
18. **Amit Kr. Srivastava** on the topic "Test Data Generation for White Box Testing Using Neural Network and Genetic Algorithm" under the supervision of **Mr. K.K.Mishra**

19. **Sanjeev Chandra Neupane** on the topic "Composition of Heterogeneous Web Services" under the supervision of **Dr. D.S.Kushwaha**
20. **Bikash Upadhyay** on the topic "PPM: Prioritize and Punish Method of Counter – acting Free Riding in P2P Networks" under the supervision of **Er. Manoj Wairiya**
21. **Anurag Mishra** on the topic "Preemption Based Job Scheduling Algorithm with Backfilling Technique in Distributed Environment" under the supervision of **Dr. D.S.Kushwaha**
22. **Mrinal Kanti** on the topic "An Efficient Path Selection Strategy for Regression Testing with Software Metrics Based Approach" under the supervision of **Prof. A.K.Misra**
23. **Arvind Kumar** on the topic "Optimal Check pointing Scheme for Tolerating Single Transient Fault in Time Critical Application with Energy Constraint" under the supervision of **Dr.R.S.Yadav**
24. **Nagendra Pratap Singh** on the topic "An Efficient Approach for Killing Multiple Mutants in Mutation Testing" under the supervision of **Prof. A.K.Misra**
25. **Vikas Gupta** on the Topic "Enhanced Distributed Storage on the Cloud" under the supervision of **Prof. Krishna Kant**
26. **Varun Kumar Pathak** on the topic "Design and Implementation of Content Dissemination with Semantic Support over Structured Peer to Peer Overlay" under the supervision of **Mr. Mayank Pandey**
27. **Ashish Saxena** on the topic "A Dynamic Approach for Generation of Semantic Documents for Web Resources" under the supervision of **Prof. M.M.Gore**
28. **Saurabh Jain** on the topic "Design & Implementation of Test Cases for Dynamic Properties of Hierarchical peer-to-peer Overlay Using Erlang" under the supervision of **Prof. B.D.Choudhary**
29. **Nishchya Kaushik** on the topic "Semantic Similarity Measure Aggregating Feature & Information Content with Depth for Similarity Calculation" under the supervision of **Prof. M.M.Gore**
30. **Harshita Agarwal** on the topic "Priority Based Resource Management for Hybrid Cloud Computing" under the supervision of **Dr.R.S.Yadav**
31. **Chandra Shekhar Jain** on the Topic "A Refined Approach for Certificate Revocation in VANET" under the supervision of **Er. Sandeep Kr. Harit**
32. **Shivendra Shivani** on the Topic "Image Authentication & Recovery using Fragile Watermarking Scheme" under the supervision of **Dr Suneeta Agarwal**
33. **Anjani Kr. Rai** on the topic "Analysis & Verification of Authentication Protocols in WiMAX" under the supervision of **Dr.R.S.Yadav**
34. **Ritika Yaduvanshi** on the topic "SOA Security Frame work Using Kerberos" under the supervision of **Er. A.K.Singh**
35. **Sandeep Singh Sengar** on the topic "Cell Range & Capability Analysis of WiMAX & LTE Network" under the supervision of **Dr. Neeraj Tyagi**
36. **Namo Narayan Meena** on the topic "Wrapping Existing “C” Application into Web Service Application" under the supervision of **Dr. D.S.Kushwaha**
37. **Amit Yadav** on the topic "FAQ based Adaptive SCORM Complaint LMS" under the supervision of **Prof. B.D.Choudhary**
38. **Shrikant G Ambade** on the topic "Formalization of BIG Architecture Through Pi Calculus" under the supervision of **Mr. D.K. Yadav**
39. **Raj Kumar Yadav** on the topic "Anew CPU Scheduling Algorithm based on Optimal Time Quantum" under the supervision of **Dr. Prabhat Ranjan**
40. **Md. Abdullah Ansari** on the topic "Implementation and Evaluation of Shared Key Algorithms for securing Mobile Ad Hoc Network" under the supervision of **Er. A.K.Singh**

41. **Vimal Kumar** on the topic "Layered Frame work for Network Forensics Analysis" under the supervision of **Mr. Manoj Wariya**
42. **Shivendu Mishra** on the topic "ID Based Signature and Multi –Proxy Signature Scheme from Bilinear Pairing" under the supervision of **Dr.R.S.Yadav**
43. **Akhilendra Pratap Singh** on the topic "Detection of Phishing Attack using Dynamic Water Marking" under the supervision of **Mr. Manoj Wariya**
44. **Shushant Srivastava** on the topic "An Extended Point Based Incentive Mechanism for Controlling free Riding in Peer- to-Peer Network" under the supervision of **Prof. Krishna Kant**
45. **Priyanka Gautam** on the topic "Efficient greedy and Dynamic Approach for LCS" under the supervision of **Dr Suneeta Agarwal**
46. **Divya Kumar** on the topic "Application of Multi-Objective Genetic Algorithms in Qos Based Routing & E-mail Security" under the supervision of **Prof. A.K.Misra**
47. **Ayan Bhunia** on the topic "Simulation Based Performance Analysis of Enhanced Feedback Scheduling Algorithm in High-Through put Computing Environment" under the supervision of **Dr. D.S.Kushwaha**
48. **Deep Kumar Nath** on the topic "Short & Delay Sensitive MAC Protocol for Wireless Network" under the supervision of **Dr.R.S.Yadav**
49. **Mohit Mishra** on the topic "Performance Evaluation of 802.11DCF Vs 802.11e EDCF in infrastructure Network with Multimedia Traffic Using NS 2.34" under the supervision of **Prof. Rajeev Tripathi**
50. **Anoop Kr. Patel** on the topic "Sparse Matrix Operations Using CSR Formats" under the supervision of **Dr Suneeta Agarwal**
51. **Pratipal Singh** on the topic "SRT: An Effective Drop Buffer Management Policy for DTN" under the supervision of **Prof. Rajeev Tripathi**
52. **Atul Kumar Rai** on the topic "Maintaining Shortest Path Tree in dynamic digraphs" under the supervision of **Dr Suneeta Agarwal**
53. **Gaurav Tripathi** on the topic "An Unsupervised Approach for Mining the Opinion in the Domain of Movie Reviews" under the supervision of **Prof. M.M.Gore**
54. **Sandeep Singh** on the topic "DF-MAC: Energy Efficient MAC Protocol for Wireless Sensor Network" under the supervision of **Prof. M.M.Gore**
55. **Balinder Singh** on the topic "Alleviation of Test Oracle Problem in Spreadsheet Applications by using Meta- morphic Testing" under the supervision of **Prof. A.K.Misra**
56. **Amit Kr. Tiwari** on the topic "Web Service Based Result Analysis for Multi- Tenant Data Base of University" under the supervision of **Er. A. K. Singh**
57. **Abhay Singh** on the topic "Web Pre-fetching at Proxy Server Using Sequential Data Mining" under the supervision of **Er. A. K. Singh**
58. **Aparna Shukla** on the topic "A Generalized Approach for Control Structure Based Complexity Measure" under the supervision of **Dr. Prabhat Ranjan**
59. **Rajesh Kumar** on the topic "Comparison of Edge Detection Techniques on Alphanumeric Charaters" under the supervision of **Dr Suneeta Agarwal**
60. **Anshu Singh** on the topic "An Interactive Knowledge based Toolkit for Plugging Knowledge Gap" under the supervision of **Prof. M.M.Gore**
61. **Karunesk Kumar** on the topic "Computation of translocation distance between two Genomes" under the supervision of **Dr Suneeta Agarwal**

62. **Shilpi Srivastava** on the topic "Improved Shape Matching & Object Recognition Based on Shape Context" under the supervision of **Dr Suneeta Agarwal**
63. **Shadab Irfan** on the Topic "A Concept out Degree in CFG for Generation of test Data using GA" under the supervision of **Dr. Prabhat Ranjan**
64. **Brajesh Kumar Umrao** on the topic "Genetic Rearrangements by Reversals" under the supervision of **Dr Suneeta Agarwal**
65. **Arpita Srivastava** on the topic "A New Semi blind & Invisible Water marking Scheme for Digital Images" under the supervision of **Dr Suneeta Agarwal**
66. **Suchi Srivastava** on the topic "Rotation Invariant texture Based Image Indexing and Retrieval" under the supervision of **Dr Suneeta Agarwal**
67. **Sanjai Goswami** on the topic "Partitioning – based Clustering Approach for evaluating the performance of Players on Sports Data" under the supervision of **Prof. M.M.Gore**
68. **Ram Prakash** on the topic "Modified Cooperative Caching scheme in MANETs" under the supervision of **Dr.R.S.Yadav**
69. **Renu Srivastava** on the topic "A Certificate less Authentication Key Agreement Protocol" under the supervision of **Prof. A.K.Misra**
70. **Vikas Mishra** on the topic "Education System A mlearning Approach" under the supervision of **Dr. Prabhat Ranjan**
71. **Mohd Muslim** on the topic "J2CCS:A Tool for Automated Generation of CCS FROM Java Program" under the supervision of **Prof. A.K.Misra**
72. **Sudha Tiwari** on the topic "Web Search Evaluation using Vector Space Model" under the supervision of **Prof. A.K.Misra**
73. **Vijay Kumar Dwivedi** on the topic "Disk Resident High Utility Pattern Mining by using Interactive approach in Incremental Databases" under the supervision of **Prof. M.M.Gore**

III. LIST OF PUBLICATION FROM THE FACULTY MEMBERS (From April 2011 to March 2012)

International Journals:

1. R. Shukla and A.K. Misra, "Analysis of the Effect of Effort Drivers on Software Maintenance Effort Using Multi-variate principal Component" , Accepted for publication in International Journal of Computer Science and Software Technology.
2. Chintan Mandal and Suneeta Agarwal. Online delaunay triangulation using the quad-edge data structure. In David C. Wyld, Michal Wozniak, Nabendu Chaki, Natarajan Meghanathan, and Dhinaharan Nagamalai, editors, Advances in Computing and Information Technology, volume 198 of Communications in Computer and Information Science, pages 132–141. Springer Berlin Heidelberg, 2011. 10.1007/978-3-642-22555-0 15.
3. Ashutosh Gupta and Suneeta Agarwal. Searching a pattern in compressed dna sequences. International Journal of Bioinformatics Research and Applications, 7:115 – 129, 01 2011
4. S. Agarwal and Ashutosh. Gupta. A novel approach for compressing the dna sequences using semi statistical compressor. International Journal of Computers and Applications, ACTA, 33:1–14, 2011.
5. Sushila Kamble, Vikas Maheshkar, Vinay Kumar Srivastava, and Suneeta Agarwal. Multiple watermarking for copyright protection using dwt and dual-tree cwt. International Journal of Intelligent Engineering Informatics, 1:348–369, 01 2011.

6. S. Agarwal, and Sharma Anuj Kumar Prasad, Rajesh, Alok Singh, and Sanjay Misra. Efficient bit-parallel multi-patterns approximate string matching algorithms. *Scientific Research and Essays (SRE)*, 6:876–881, 2011.
7. S. Agarwal, Vikas Maheshkar, Sushila Kamble, and Vinay Srivastava. Dct-based reduced face for face recognition. *International journal of Information Technology and management*, 5:97–100, 2011 jan-jun.
8. Shakti Mishra, D.S.Kushwaha, A.K.Misra, “Hybrid reliable load balancing with MOSIX as middleware and its formal verification using process algebra”, *Future Generation Computer Systems, Vol. 27(5), May 2011*, Elsevier.
9. Mayank Pandey and Banshi Dhar Chaudhary. 'A Framework for Interest based Community Evolution and Sharing of Latent Knowledge. Accepted in, Special Issue on "Grid, P2P and Scalable Computing" in *International Journal of Grid and Utility Computing*, Inderscience Publishers
10. Arvind Kumar, Rama Shankar Yadav, Ranvijay, Anjali Jain, “Fault Tolerance in Real Time Distributed System”, *International Journal on Computer Science and Engineering*, Vol. 3 No. 2 Feb 2011, pp:933-939. ISSN: 0975-3397. <http://www.enggjournals.com/ijcse/doc/IJCSE11-03-02-139.pdf>
11. Sarsij Tripathi, Rama Shankar Yadav, Ranvijay, Rajib L. Jana, “ Resource Management in Real Time Distributed System with Security Constraints: A Review ”. *International Journal of Distributed System and Technology* Vol. 2, Issue2, pp: 38-58, (2011).

International Conference:

1. S. Shivani, A. K. Patel, A. P. Singh, and S. Agarwal. Self recoverable block-wise fragile watermarking scheme based on histogram segmentation. In *Proceedings of the International Conference & Workshop on Emerging Trends in Technology, ICWET '11*, pages 658–662, New York, NY, USA, 2011. ACM
2. S. Srivastava and S. Agarwal. Offline signature verification using grid based feature extraction. In *Computer and Communication Technology (ICCT)*, 2011 2nd International Conference on, pages 185–190, sept. 2011.
3. Atul kumar Rai and Suneeta Agarwal. Maintaining shortest path tree in dynamic digraphs. In *International Conference on Parallel, Distributed Computing Technologies and Applications (PDCTA-2011)*, Tirunelveli, Tamil Nadu, India, volume 203, pages 247–257. Springer 2011, September 23-25 2011.
4. Priyanka Gautam and Suneeta Agarwal. An improved greedy approach for longest common subsequences. In *International conference on issues and challenges in networking , Intelligence and computing technologies, (ICNICT, 2011)*, September 2-3 2011.
5. Rajesh Prasad, Suneeta Agarwal, Anuj Sharma, Alok Singh, and Sanjay Misra. Efficient algorithm for detecting parameterized multiple clones in a large software system. In Beniamino Murgante, Osvaldo Gervasi, Andreas Iglesias, David Taniar, and Bernady Apduhan, editors, *Computational Science and Its Applications - ICCSA 2011*, volume 6786 of *Lecture Notes in Computer Science*, pages 398–409. Springer Berlin /Heidelberg, 2011. 10.1007/978-3-642-21934-4 32.
6. Sushila Kamble, Vikas Maheshkar, Vinay Srivastava, and Suneeta Agarwal. Dwt-based multiple watermarking for privacy and security of digital images. In *International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2011)*, Aligarh, Uttar Pradesh, India, December 17-19 2011.

7. Sushila Kamble, Vikas Maheshkar, Vinay Srivastava, and Suneeta Agarwal. Real dual tree based feature variance for face recognition. In International conference on soft computing for problem solving, The Institution of Engineers (India), Roorkee Local Centre, IIT Roorkee Campus, December 20-22 2011.
8. Anand P. Shukla and Suneeta Agarwal. Image edge detection using cellular automata. In International conference, Issues and challenges in Networking, Intelligene and Computing Tehniques, pages 499–506, September 2-3 2011.
9. Hitendra Garg and Suneeta Agarwal. A basic approach to 3d objecct watermarking. In International conference,Issues and hallenges in Networking, Intelligene and Computing Tehniques, pages 494–498, September 2-3 2011.
10. Vikas Maheshkar and Suneeta Agarwal. Feature image generation using energy distribution for face recognition in transform domain. The Second International Conference on Computer Science and Information Technology.(CSIT-2012) pages 644–653, September 2-3 2011.
11. Shuchi Srivastava and Suneeta Agarwal. Rotation invariant texture based image indexing and retrieval. In 5th IEEE international conference on Advanced Computing and Communication Technologies, Panipat, Haryana, pages 139–142, September 5 2011.
12. Shivendra Shivani, Sushila Kamble, Anoop Kumar Patel, and Suneeta Agarwal. Image authentication and restoration using block-wise fragile watermarking based on k-medoids clustering approach. IJCA Proceedings on International Conference and workshop on Emerging Trends in Technology (ICWET), (14):44–52, 2011. Published by Foundation of Computer Science.
13. Neeraj Tyagi, “Cell Range and Capability Analysis of WiMax and LTE Network with Sandeep Singh Sengar in International Conference on Parallel, Distributed Computing technologies and Applications (*PDCTA-2011*) to be held on September 23 – 25, 2011, at Tirunelveli, India.
14. Neeraj Tyagi, “Performance Evaluation of Mobility Model and Routing Protocols for Inter Vehicular Communication System.” With Ravi S Shukla in *International Conference on Networks and Computer Communications (ETNCC2011)* April 22 – 24 2011, at Udaipur, India
15. Neeraj Tyagi, “Cross Layer Self Organized Routing Protocol for MANET.” With Awadhesh Kumar in International Conference on Computer Communication and Management (*ICCCM 2011*) held on May 2-4 2011, Sydney, Australia.
16. Aruna Kumari, D.S.Kushwaha, “Kerberos – Style Authentication and Authorization through CTES Model for Distributed Systems”, 5th Fifth International Conference on Information Processing – 2011, *CCIS Series, Springer*, Bangalore, Aug’2011.
17. Sanjeev Pippal, Vishu Sharma, Aruna Kumari, D.S.Kushwaha, "CTES Based Secure Approach for Authentication and Authorization of Resource and Service in Clouds", 2nd *IEEE International Conference Computer and Communication Technology, ICCCT 2011*, 15-17 Sept. 2011, 2011, DOI: 10.1109/ICCCT.2011.6075140.
18. Sanjeev Pippal, Vishu Sharma, Shakti Mishra, D.S.Kushwaha, "Secure and Efficient Multitenant Database for an Ad hoc Cloud", 1st *International Workshop on Securing Services on the Cloud (IWSSC), IEEE*, 6-8 Sept., 2011 in Conjunction with 5th International conference on Network and System Security (NSS), 2011, Milan, DOI: 10.1109/IWSSCloud.2011.6049010.
19. Ashish Sharma, D.S. Kushwaha, “A Metric Suite for Early Estimation of Software Testing Effort using Requirement Engineering Document and its validation”, 2nd *IEEE International Conference Computer and Communication Technology*, 15-17 Sept. 2011, ICCCT-2011.
20. Sanjeev Pippal, Vishu Sharma, Shakti Mishra, Dharmender Singh Kushwaha, “An Efficient Schema Shared Approach for Multitenant Database with Authentication & Authorization Framework”,

- 3PGCIC 2011, 6th *International Conference on P2P, Parallel, Grid, Cloud and Internet Computing*, October 26-28, 2011, Barcelona, Spain.
21. Vishu Sharma, Manu Vardhan, Shakti Mishra, Dharmender Singh Kushwaha "A Generalized Approach for Fault Tolerance and Load Based Scheduling of Threads in Alchemi .Net", in the 2nd *International Conference on Cloud Computing, GRIDs, and Virtualization CLOUD COMPUTING 2011*, September 2011 - Rome, Italy (Accepted and Registered for Publication).
 22. S. Mallick, S. Neupane, S. Mishra, D.S. Kushwaha, "Creating applications Using Heterogeneous Web Services", in 2011 4th *IEEE International Conference on Computer Science and Information Technology*, China, June 10-12.
 23. S. Mallick, N.N Meena, D.K. Yadav, D.S. Kushwaha, "Composition of Heterogeneous Web Services for Converting Legacy Codes to SOA based Applications", in 20th *International Conference on Software Engineering and Data Engineering*, SEDE, USA, June 20-22, 2011.
 24. S. Mallick, R. Pandey, S. Neupane, S. Mishra, D.S. Kushwaha, "Simplifying Web Service Discovery & Validating Service Composition", In proceedings of 7th *IEEE World Congress on services , Services 2011*, USA, July 4-9, 2011.
 25. Tulika Narang, Dharmendra K. Yadav and Rama Shankar Yadav, "Modelling Time using Metapattern" In *International Conference on Computer Technology and Development (ICCTD 2011)* November 25-27, 2011, Chengdu, China.
 26. Reshu Kapoor and Dharmendra Kumar Yadav, "Formal Description of Architectural Patterns" In *International Conference on Computer and Software Modeling*, (ICCSM 2011) September 16-18, 2011, Singapore.
 27. Shrikant G. Ambade and Dharmendra K Yadav, "Formalization of BIG Architecture Based on Pi Calculus" in *International Conference on Information and Computer Technology (ICICT-2011)* August 27- 28, 2011, Yantai, China.
 28. Gopal Singh Kushwah and Dharmendra K Yadav, "Modeling and Verifying Web Services Composition Using PI-Calculus" In *International Conference on Software Technology and Engineering (ICSTE 2011)* August 12-14, 2011, Kuala Lumpur, Malaysia.
 29. Tulika Narang and Dharmendra K. Yadav, "Capturing Dynamic Behavior in Relational Model" In *International Conference on Software Engineering Research and Practice (SERP'11)* July 18-21, 2011, Las Vegas, Nevada, USA.
 30. Mayank Pandey and Banshi Dhar Chaudhary 'A Load Balanced Two-Tier DHT with Improved Lookup Performance of Non-popular Data Items.' In the proceedings of 6th *International Conference on Advances in Grid and Pervasive Computing (GPC 2011)*, Oulu, Finland. Springer, Lecture Notes in Computer Science volume 6646, pp 62-71
 31. Anjani K. Rai, Shivendu Mishra and Rama Shankar Yadav, "An Improved Secure Authentication Protocol for WiMAX with Formal Verification", *International Conference on Advances in Computing and Communications (ACC-2011)* at Kochi, Kerla, India, proceedings published by Springer in *Communications in Computer and Information Science Series (CCIS)*, ISSN: 1865:0929.
 32. Ranvijay, Rama Shankar Yadav, Arvind Kumar and Smriti Agrawal , "Energy Management for Energy Harvesting Real Time System with Dynamic Voltage Scaling" *Trends in Network and Communications*, *Communications in Computer and Information Science*, 2011, Springer, Volume 197, Part 2, 536-548, DOI: 10.1007/978-3-642-22543-7_55
 33. Anil Yadav, Rama Shankar Yadav," Localized Construction of Connected Dominating Set in Wireless Ad hoc Network," in *International Conference on Recent Trends in Information*

- Technology and Computer Science [ICRTITCS-2011] in association with University of Mumbai and Computer Society of India Dec.9-10,2011.
34. Anil Yadav, Rama Shankar Yadav and Raghuraj Singh, “Topology Control in Wireless Ad Hoc Networks,” in International Conference on Soft Computing for Problem Solving (SocProS 2011) The Institution of Engineers, IIT Roorkee, India, Dec. 20-22, 2011.
 35. K.K. Mishra, “Spectrum - Based Fault Localization in Regression Testing” with Shailesh Tiwari, Anoj Kumar and A.K.Misra, In 8th International Conference on Information Technology : New Generations ,ITNG 2011, April 11-13, 2011, Las Vegas, Nevada, US
 36. “A bio inspired algorithm for solving optimization problems” with S. Tiwari and A.K. Misra, ICCCT-2011(15-17 September), MNNIT Allahabad, India
 37. “Combining Non Revisiting Genetic Algorithm and Neural Network to Generate Test Cases for White Box Testing”, with Shailesh Tiwari and A. K. Misra, Practical Applications of Intelligent Systems, 2012 – Springer
 38. “Routing Path Determination Using QoS Metrics and Priority Based Evolutionary Optimization” with Divya kumar, Divya kashyap and A.K.Misra, High Performance Computing and Communications (HPCC), 2011 IEEE 13th International Conference on 2-4 Sept.
 39. Prashant S. Modi, Ajeet Nigam and Manoj Wairya, "A Novel Methodology to Identify and Prevent Vulnerabilities in Software Maintenance Phase", In Proceedings of the 1st International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-2012), Volume-I, pages 110-115, March – 2012 ; ISBN : 978-93-81583-34-0.
 40. Prashant S. Modi, Vimal Kumar and Manoj Wairya, "An Efficient Preservation of Network Traffic for Network Forensic Analysis", In Proceedings of the 1st International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-2012), Volume-IV, pages 136-141, March – 2012 ; ISBN : 978-93-81583-34-0.
 41. “Image Enhancement by Spline Interpolation and Adaptive Power Spectrum Cut-off,” with Sanjay Maurya, Pavan Mishra, Ravindra Singh and A.K. Misra, Proceeding of IEEE International Conference on Advances in Engineering, Science and Management (IEE-ICAESM 2012), 30-31 March, 2012, Nagapattanam, Tamilnadu.
 42. “A semi automatic plant identification based on digital leaf and flower Images”, with Pavan Kumar Mishra, Sanjay Kumar Maurya, Ravindra Kumar Singh, A.K. Misra, Proceeding of IEEE International Conference on Advances in Engineering, Science and Management (IEEE-ICAESM 2012), 30-31 March, 2012. Nagapattanam, Tamilnadu.
 43. “Enhancing VPN Security Through Security Policy Management”, with Arun Kumar Singh, Shefalika Ghosh Samaddar and A.K. Misra, Proceeding of 1st IEEE International Conference on Recent Advances in Information Technology(RAIT 2012), 15-17 March, 2012, Dhanbad, Jharkhand.
 44. “Optimized Power Saving Mechanism for Wireless Ad Hoc Networks”, with Ankur Kumar Sharma, Abhishek Gupta and A.K. Misra, Proceeding of 1st IEEE International Conference on Recent Advances in Information Technology(RAIT 2012), 15-17 March, 2012, Dhanbad, Jharkhand.
 45. “Enhancement of Route Maintenance in AODV over Hybrid Wireless Mesh Network”, with Mohammed Meftah ALrayes, Rajeev Tripathi, Neeraj Tyagi and A.K. Misra, Proceeding of 1st IEEE International Conference on Recent Advances in Information Technology(RAIT 2012), 15-17 March, 2012, Dhanbad, Jharkhand.
 46. Ashish Kumar Mishra, Rama Shanker Yadav, Sanjay Kumar Biswash , “Data Replication based Location management for PCS Network”, accepted in IEEE International Conference on Advances

in Engineering, Science and Management (IEEE-ICAESM 2012) 30-31 March ,2012,Nagapattanam, Tamilnadu.

47. Mohit Gangwar, R. S. Yadav and R.B. Mishra, "Semantic Web Services for Medical Health Planning", 1st International Conference on "Recent Advances in Information Technology (RAIT-2012)", 15-17 March, 2012 at ISM, Dhanbad, India
48. Ashish Sharma, D.S. Kushwaha, "Applying Requirement based complexity for the estimation of Software Development and Testing Effort", *ACM SIGSOFT SEN*, Vol.37, Issue 1, Jan'2012.
49. Aruna Kumari, D.S.Kushwaha, "Kerberos – Style Authentication and Authorization through CTES Model for Distributed Systems", 5th Fifth International Conference on Information Processing – 2011, *CCIS Series, Springer*, Bangalore, Aug' 2011.

IV. Other Achievements

1. Department organized International Conference on Computer and Communication Technology (ICCT) on 15-17 September, 2011.

10.7 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

I. LIST OF Ph. D. THESIS SUPERVISED

1. Mr. Manoj Kumar Shukla on the Topic, “*Performance Evaluation of Interleave Division Assess (IDMA) Scheme for Wireless Communication*” under the supervision of Prof. V. K. Srivastava and Prof. S. Tiwari, Electronics and Communication Engineering Department.
2. Mr. Malay Kumar Hota on the Topic, “*Digital Signal processing methods for the identification of protein coding regions in DNA sequences*” under the supervision of Prof. V. K. Srivastava, Electronics and Communication Engineering Department.
3. Mr. Pankaj Kumar Sharma on the Topic “Performance Analysis on PAPR Reduction Techniques for Power Efficiency Improvement in OFDM systems”, under the supervision of **Dr. R. K. Nagaria** and Prof. T.N. Sharma, Electronics and Communication Engineering Department.
4. Mr. Baibaswata Mohapatra on the Topic “Performance Evaluation of Survivable WDM Mesh Networks”, under the supervision of Prof. S. Tiwari and **Dr. R. K. Nagaria**, Electronics and Communication Engineering Department.
5. Mr. Rakesh Kumar Singh on the Topic “Studies of Current Feedback Amplifier based circuits suitable for analog signal processing and VLSI design”, under the supervision of **Dr. R. K. Nagaria**. Electronics and Communication Engineering Department.
6. Mr. Subodh Wairya on the Topic “Performance evaluation of high speed low power CMOS full adder circuits for low voltage VLSI design”, under the supervision of **Dr. R. K. Nagaria**, and Prof. S. Tiwari, Electronics and Communication Engineering Department.

II. LIST OF M.Tech THESIS COMPLETED

1. Ms. Neha Agarwal on the Topic “ H_∞ optimal guaranteed cost control for uncertain nonlinear 2-D discrete state delayed systems”, under the supervision of Prof. H. Kar.
2. Mr. Chandan Kumar on the Topic “Modified split-radix FHT for asymmetric and symmetric data”, under the supervision of Prof. H. Kar.
3. H.V.L. Pavan Kumar N., on the topic “*Optimized JPEG Decompression for Document Images*” under the supervision of Prof. V. K. Srivastava, Electronics and Communication Engineering Department.
4. Mr. Yogesh Yadav on the Topic “Frequency Compensation of Two Stage Op-Amp Using Triode Mode Compensation Stage” under the supervision of Mrs. Vijaya Bhaduria, Electronics and Communication Engineering Department.
5. Mr. Prateek Jain on the topic “Comparison of the two stage Compensation technique for two stage un-buffered Op-amp” under the supervision of Mrs. Vijaya Bhaduria, Electronics and Communication Engineering Department
6. Mr. Vishant on the Topic “Implementation of 5 bit Array Multiplier using high performance 1 bit full Adder for Low Power Applications”, under the supervision of **Dr. R. K. Nagaria**. Electronics and Communication Engineering Department.
7. Mr. Prashant Shekhar on the Topic “MOS-diode based adiabatic logic circuits for low power application”, under the supervision of **Dr. R. K. Nagaria**. Electronics and Communication Engineering Department.

8. Ms. Pushpa Rani on the Topic “Comparative Study on Keeper Design Approach for Low Power and High Speed Domino Logic Circuits”, under the supervision of **Dr. R. K. Nagaria**. Electronics and Communication Engineering Department.
9. Mr. Ashok Kumar On the Topic “A Comparison Between Improved Impulse Invariance Method and Bilinear Transformation Method for the design of IIR Digital Filter”, under the supervision of Dr. Amit Dhawan.
10. Ms. Anita Kodap On the Topic “Single and Double Notch IIR and FIR Filter Design with Narrow Rejection Bandwidth”, under the supervision of Dr. Amit Dhawan.
11. Mr. Nand Kishore on the Topic “Performance evaluation of a slotted right angled isosceles triangular antenna”
12. Mr. Prashant Ranjan on the Topic “Inverted Z and circular slot Patch antenna for wide-band applications”
13. Mr. Ashish Rawat on the topic “Design and analysis of low power, high frequency prescaler 2/3 using charge sharing and glitch free D flip-flop”. June 2011
14. Mr. Wanjul Dattarya Ramrao “ Fringing electric field and it optimizations in FinFETs” June 2011
15. Mr. Ramanuj Mishra on the Topic “Device Design for Bulk FINFET to improve Performance in Nano-Scale Regime”, under the supervision of Dr. R.A.Mishra
16. Miss Nayana. R on the topic “ SOI FINFET and Bulk FINFET with Bottom Spacer for Improved Short-Channel, Power Delay Product, and Thermal Performance” under the supervision of Dr. R.A.Mishra
17. Miss. Sumandeep Kaur on the topic “ Leakage Reduction for Dual-Threshold Voltage Footed Domino Circuits in 45 nm CMOS Technology “ under the supervision of Dr. R.A.Mishra
18. Mr. **Alok Naugarhiya** on the Topic “**MISMATCH ANALYSIS OF CMOS DYNAMIC COMPARATOR**”, under the supervision of Mr.. Rajeev.Gupta.
19. Mr. Vadthya Bheemudu on the Topic “Design & Simulation of High-speed & Low-Power Full adder Circuits for Nanoscale Applications”, under the supervision of Dr. V. Krishna Rao K.
20. Mr. Rammani Kushwaha on the Topic “Design of CMOS adder cell for low Energy Applications”, under the supervision of Dr. V. Krishna Rao K.
21. Mr. Krishna Kumar on the Topic “Wavelet Based Region of Interest Coding for Medical Images using Space-Frequency Quantization”, under the supervision of Dr.. Basant Kumar.
22. Mr. Ashutosh Rai on the topic “ Statistical Detector Design for Spread-Spectrum Watermarking in Wavelet Domain”, under the supervision of Dr.. Basant Kumar.
23. Mr. Vivek Kumar Anand on the Topic “Design of Dynamic Source Follower Domino Logic for High Performance VLSI Circuits,” under the supervision of Mr. Manish Tiwari, Electronics and Communication Engineering Department.
24. Mr. Manglesh Kumar on the Topic “Design and Optimization Techniques of Digital FIR Filters,” under the supervision of Mr. Manish Tiwari, Electronics and Communication Engineering Department

III. PUBLICATIONS IN JOURNALS

International Journals:

1. A. Dhawan and **H. Kar**, “An improved LMI-based criterion for the design of optimal guaranteed cost controller for 2-D discrete uncertain systems,” *Signal Processing*, vol. 91, no. 4, pp. 1032-1035, April 2011.

2. V. Krishna Rao K. and **H. Kar**, "Delay-dependent LMI condition for global asymptotic stability of discrete-time uncertain state-delayed systems using quantization/overflow nonlinearities," *International Journal of Robust and Nonlinear Control*, vol. 21, no. 14, pp. 1611-1622, Sept. 2011.
3. **H. Kar**, "Asymptotic stability of fixed-point state-space digital filters with combinations of quantization and overflow nonlinearities," *Signal Processing*, vol. 91, no. 11, pp. 2667-2670, Nov. 2011.
4. A. Dey and **H. Kar**, "LMI-based criterion for the robust stability of 2-d discrete state-delayed systems using generalized overflow nonlinearities," *Journal of Control Science and Engineering*, vol. 2011, Article ID 271515, 12 pages, 2011.
5. A. Dhawan and **H. Kar**, "LMI approach to suboptimal guaranteed cost control for 2-D discrete uncertain systems," *Journal of Signal and Information Processing*, vol. 2, pp. 592-300, Nov. 2011.
6. P. Kokil, **H. Kar**, and V. Krishna Rao Kandavli, "Stability analysis of linear discrete-time systems with interval delay: a delay-partitioning approach," *ISRN Applied Mathematics*, vol. 2011, Article ID 624127, 10 pages, 2011.
7. R. Negi, S. Purwar, and **H. Kar**, "Anti-windup design with global asymptotic stability for discrete-time linear systems: An LMI approach," *Canadian Journal on Electrical and Electronics Engineering*, vol. 2, No. 12, pp. 584-587, Dec. 2011.
8. R. Negi, **H. Kar**, and S. Purwar, "Stability analysis of 2D discrete linear system described by the Fornasini-Marchesini second model with actuator saturation," *ISRN Computational Mathematics*, vol. 2012, Article ID 847178, 9 pages, 2012.
9. A. Dey and **H. Kar**, "LMI condition for global asymptotic stability of 2-D discrete uncertain state-delayed systems with generalized overflow nonlinearities," *The Mediterranean Journal of Measurement and Control*, vol. 8, No. 1, pp. 368-374, Jan. 2012.
10. R. Negi, S. Purwar, and **H. Kar**, "Delay-dependent stability analysis of discrete time delay systems with actuator saturation," *Intelligent Control and Automation*, vol. 3, no. 1, pp. 34-43, Feb. 2012.
11. M.K. Hota and V.K. Srivastava (2011), "Improvement in protein-coding region identification based on sliding window trigonometric fast transforms using Singular Value Decomposition," *International Journal of Data Mining and Bioinformatics*, Inderscience Publishers, Vol. 5, No. 1, pp. 110-127.
12. M.K. Hota and V.K. Srivastava, "Multistage filters for identification of eukaryotic protein coding regions," *International Journal of Biomathematics*, World Scientific Publishing Company. Volume: 5, Issue: 2 (2012) 1250018 (18 pages) DOI No: 10.1142/S179352451100160X, Impact Factor of 1.667
13. M.K. Hota and V.K. Srivastava, "Identification of protein coding regions in eukaryotes using Fourier Transforms and Singular Value Decomposition using multiple length sliding windows," *International Journal of Signal and Imaging Systems Engineering*, Inderscience Publishers, Vol. 4, No. 2, pp 115-122,2011.
14. Sushila Kamble, Vikas Maheshkar, Suneeta Agarwal, Vinay Kumar Srivastava, "Multiple Watermarking for Copyright Protection using DWT and Dual-tree CWT", *International Journal of Intelligent Engineering Informatics* 2011-Vol. 1, No.3/4 pp 348-369, Inderscience Publishers.
15. Vijaya Bhadauria, Krishna Kant, Swapna Banerjee "Linearity Enhancement of 0.18 μm Transconductor using Active Attenuation Technique," *Canadian Journal on Electrical and Electronics Engineering*, Vol. 2, Nos. 12, pp. 598-601.
16. Vijaya Bhadauria, Krishna Kant, Swapna Banerjee "Design and Analysis of a power Efficient linearly tunable Cross-coupled Transconductor having separate bias control," *Scientific Research: Circuits and Systems*, Vol. 3, Nos. 12, pp. 99-106.

17. **R. K. Nagaria** and Rakesh Kumar Singh (2011), "Realization of Linear Voltage Controlled Sinusoid Oscillator/ Immittance Functions using Current Feedback Amplifier", *Journal of Active & Passive Electronic Devices*. Vol. 6, No.1-2, pp. 109-117.
18. Subodh Wairya, **Rajendra Kumar Nagaria** and Sudarshan Tiwari (2011), "New Design Methodologies for High-Speed Low-Voltage 1 Bit CMOS Full Adder Circuits", *International Journal of Computer Technology and Application (JCTA)*, Vol. 2, no.3, pp. 190- 198.
19. Subodh Wairya, **Rajendra Kumar Nagaria** and Sudarshan Tiwari (2011), "New Design Methodologies for High Speed Mixed- Mode CMOS Full Adder Circuits", *International Journal of VLSI Design and Communication Systems (VLSICS)*, Vol.2, No.2, pp. 78-98.
20. B. Mohapatra, **R.K. Nagaria** and S. Tiwari (2011), "Guaranteed Protection in Survivable WDM Mesh Networks- New ILP Formulations for Link Protection and Path Protection", *Journal of Telecommunication & Information Technology (JTIT)*, Vol. 4, pp. 108-114, 2011.
21. Pankaj Kumar Sharma, **R.K.Nagaria** and T.N.Sharma (2011), "Enhancement of Power Efficiency in OFDM System by SLM with Pre-distortion Technique," *Journal of Telecommunications & Information Technology (JTIT)*, Vol. 4, pp. 86-91, 2011.
22. Subodh Wairya, **Rajendra Kumar Nagaria** and Sudarshan Tiwari (2012), "Performance Analysis of High Speed Hybrid CMOS Full Adder Circuits for Low Voltage VLSI Design", *VLSI Design*, Vol.2012, Article ID 173079, pp. 1-18, 2012.
23. **A. Dhawan** and H. Kar, "An improved LMI-based criterion for the design of optimal guaranteed cost controller for 2-D discrete uncertain systems," *Signal Processing*, vol. 91, pp. 1032-1035, 2011.
24. M. Tiwari and **A. Dhawan**, "Comment on "Robust guaranteed cost control for a class of two-dimensional discrete systems with shift-delays"," *Multidimensional Systems and Signal Processing*, vol. 23, pp. 415-419, 2012.
25. M. Tiwari and **A. Dhawan**, "An LMI approach to optimal guaranteed cost control of uncertain 2-D discrete shift-delayed systems via memory state feedback," *Circuit Systems and Signal Processing*, DOI 10.1007/s00034-012-9410-5.
26. M. Tiwari and **A. Dhawan**, "Optimal guaranteed cost control of uncertain 2-D discrete systems with both shift-delays and input delays via memory state feedback," *Transactions of the Institute of Measurement and Control*, DOI 10.1177/0142331212453375.
27. **A. Dhawan** and H. Kar, "LMI approach to suboptimal guaranteed cost control for 2-D discrete uncertain systems," *Journal of Signal and Information Processing*, vol. 2, pp. 292-300, 2011.
28. M. Tiwari and **A. Dhawan**, "A survey on the stability of 2-D discrete systems described by Fornasini-Marchesini second model," *Circuits and Systems*, vol. 3, pp. 17-22, 2012.
29. **A. Dhawan**, "Non-fragile controller design for 2-D discrete uncertain systems described by the Roesser model" *Journal of Signal and Information Processing*, vol. 3, pp. 248-251, 2012.
30. M. Tiwari and **A. Dhawan**, "Robust suboptimal guaranteed cost control for 2-D discrete systems described by Fornasini-Marchesini first model," *Journal of Signal and Information Processing*, vol. 3, pp. 252-258, 2012.
31. Dr. V. Krishna Rao K. and Dr. Haranath Kar (2012). Delay-dependent stability criterion for discrete-time uncertain state-delayed systems employing saturation nonlinearities, *The Arabian Journal for Science and Engineering*, Springer, Accepted for publication (In press)
32. Indrasen Singh and Dr. V. S. Tripathi "Micro Strip Patch Antenna and Its Applications: A Survey" Published in *International Journal of Computer Technology and Applications*, Vol. 2, issue 5, pp. 1595-1599, September-October 2011

33. Mrs. Priyanka Kokil, Dr. V. Krishna Rao K., and Dr. Haranath Kar (2012). A note on the criterion for the elimination of overflow oscillations in fixed-point digital filters with saturation arithmetic and external disturbance, *International Journal of Electronics and Communications*, (AEÜ) (Elsevier), Vol. 66, Nos. 9, pp. 780-783
34. Mrs. Priyanka Kokil, Dr. Haranath Kar, and Dr. V. Krishna Rao K. (2011). Stability Analysis of Linear Discrete-Time Systems with Interval Delay: A Delay-Partitioning Approach, *ISRN Applied Mathematics*, International Scholarly Research Network, Vol. 2011 (Article ID 624127), 10 Pages
35. Preeti Verma, R.A.Mishra, “ Temperature Dependence of Propagation Delay Characteristics in LECTOR based CMOS Circuit” Special Issue of International Journal of Computer Applications(0975-8887) on Electronics, Information and Communication Engineering-ICEICE No.6, Dec 2011, Page : 28-30.
36. V. Narendar, Wanjul Dattatray R, Sanjeev Rai, R.A.Mishra, “ Design of High-performance Digital Logic Circuits based on FinFET Technology” International Journal of Computer Applications (0975-8887) Volume 41-No. 20, March 2012, Page: 40-44.
37. Shipra Upadhyay, R.K.Nagaria, R.A.Mishra, “Complementary Energy Path Adiabatic Logic Based Full Adder Circuit” A journal of World Academy of Science Engineering and Technology, Vol.66,pp-161-166, June 2012.
38. Arvind Kumar, Rajeev Tripathi “Performance Evaluation of MAC protocols for Ad-hoc Networks using Directional Antenna” Accepted for publication in International Journal of Wireless & Mobile Networks (IJWMN) December -2011. Vol. 3 No. 6, pp. 17-28.
39. **Basant Kumar**, S.P. Singh, Anand Mohan and Animesh Anand, Performance of Quality Metrics for Compressed Medical Images through MOS Prediction , Journal of Medical Imaging and health Informatics, vol.2, no. 2, pp. 188-194, USA 2012.
40. Krishna Kumar, **Basant Kumar**, Rachna Shah, “ Analysis of Efficient Wavelet based Volumetric Image Compression” International Journal of Image Processing (IJIP), vol. 6, no. 2, 2012.
41. **Manish Tiwari**, Amit Dhawan, Comment on ‘Robust guaranteed cost control for a class of two-dimensional discrete systems with shift-delays’, *Multidim. Syst. Sign. Process.* 23 (2012) 415-419.
42. **Manish Tiwari**, Amit Dhawan, A survey on stability of 2-D discrete systems described by Fornasini-Marchesini second model, *Circuits and Systems* 3 (2012) 17-22.
43. **Manish Tiwari**, Amit Dhawan, Robust Suboptimal Guaranteed Cost Control for 2-D Discrete Systems Described by Fornasini-Marchesini First Model, *Journal of Signal and Information Processing*, 3 (2012) 252-258.

IV. PUBLICATIONS IN CONFERENCES

International

1. P. Shah, **H. Kar**, and V. K. Srivastava, “Stability analysis of 2-D PSV filters described by FM-1 model,” 2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings, pp. 6115-6119, 16-18 Sept. 2011, held at Yichang.
2. P. Kokil, V. Krishna Rao Kandavli, and **H. Kar**, “An LMI based criterion for the robust stability of discrete-time state-delayed systems using generalized overflow nonlinearities,” in Proceedings of the 2011 IEEE International Conference on Computational Intelligence and Computing Research (2011 IEEEICIC), Dec. 15-18, 2011, held at Kanyakumari, India.
3. P. Kokil, **H. Kar**, and V. Krishna Rao Kandavli, “Stability analysis of discrete-time state-delayed systems with saturation nonlinearities,” in Proceedings of the 2011 IEEE International Conference on

- Computational Intelligence and Computing Research (2011 IEEEICCCIC), Dec. 15-18, 2011, held at Kanyakumari, India.
4. R. Negi, A. K. Tiwary, S. Purwar and **H. Kar**, "Condition for global stability of continuous time delayed linear system with saturated inputs: LMI based approach," in the Proceedings of the 2011 IEEE International Conference on Control System, Computing and Engineering (ICCSCE), pp. 176-181, 25-27 Nov. 2011, held at Penang, Malaysia.
 5. S. Gupta and V.K. Srivastava, "*An Accelerated Clustering Algorithm for Segmentation of Grayscale Images*" in IEEE ICCCT 2011, September 15 - 17, 2011, Organized by M.N.N.I.T., Allahabad.
 6. Prashant Shah, Haranath Kar, Vinay Kumar Srivastava, "*Stability Analysis of 2-D PSV Filters described by FM-1 Model*" International Conference on Electrical and Control Engineering(ICECE), 16-18 Sept. 2011 , Page(s): 6115 – 6119.
 7. Rajendra S Shekhawat, Sivavenkateswara Rao V, and V. K. Srivastava "*A robust Watermarking Technique based on Bi-orthogonal Wavelet transform*" in proceedings of the IEEE SCES, march 16-18, 2012, held at MNNIT, Allahabad, pp. 478-483.
 8. Sivavenkateswara Rao V, Rajendra S Shekhawat, and V. K. Srivastava "*A Reliable Digital Image Watermarking Scheme Based on SVD and Particle Optimization*" in proceedings of the IEEE SCES, March 16-18, 2012, held at MNNIT, Allahabad, pp. 484-489.
 9. Rajendra S Shekhawat, Sivavenkateswara Rao V, and V. K. Srivastava "*A Bi-Orthogonal Wavelet Transform Based Robust Image Watermarking Scheme*" in proceedings of the IEEE SCEECs, March 1-2, 2012, held at MANIT, Bhopal, pp. 240-243.
 10. Sivavenkateswara Rao V, Rajendra S Shekhawat, and V. K. Srivastava "*A DWT- DCT- SVD Digital Image Watermarking Scheme Using Particle Optimization*" in proceedings of the IEEE SCEECs, March 1-2, 2012, held at MANIT, Bhopal, pp. 236-239.
 11. Ramkrishna P. and V. K. Srivastava "A Simple De-blocking Method for Reduction of Blocking Artifacts" in proceedings of the IEEE SCEECs, March 1-2, 2012, held at MANIT, Bhopal.
 12. B. Mohapatra, **R.K. Nagaria** and S. Tiwari "Protecting Multicast Session in Survivable WDM Mesh Networks", Proc. 4th International Multi- Conference on Engineering and Technological Innovation (IMETI- 2011), Orlando, Florida, USA, Vol.2, pp.135-140, July 2011.
 13. Subodh Wairya, Pankaj Kumar Tripathi, **Rajendra Kumar Nagaria** and Sudarshan Tiwari, "Novel Design Topologies for MOSCAP Majority Function Full Adder cells" Proc. International Conference on Frontiers of Computer Science (ICFoCS-2011), Atria Institute of Technology, Bangalore, India, pp. 55, August 2011.
 14. Subodh Wairya, Garima Singh, Vishant, **R.K.Nagaria** and S.Tiwari, " Design Analysis of XOR(4T) based Low Voltage CMOS Full Adder Circuit", IEEE Proc. International Conference on Current Trends in Technology, (NUICONE-2011), Institute of Technology, Nirma University, Ahmedabad, India, pp. 1- 7, Dec. 2011.
 15. Amit Kumar Pandey, R.A.Mishra and **R.K.Nagaria**, "Low Leakage Power in sub-45nm with Multiple Threshold Voltages and Multiple Gate-Oxide Thickness footed Domino Circuits", IEEE Proc. International Conference on Current Trends in Technology, (NUICONE- 2011), Institute of Technology, Nirma University, Ahmedabad, India, pp. 1- 5, Dec. 2011.
 16. Shipra Upadhyay, R.A.Mishra and **R.K.Nagaria**, " Comparative Performance of Irreversible Adiabatic Logic Circuits for Low Power VLSI Design", Proc. International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-2012), Gautam Buddha University, Greater Noida , India, Vol.-III, pp. 379-386, March 2012.

17. Pushpa Rani, Amit Kumar Pandey, **R.K.Nagaria** and R.A. Mishra, "A Survey on Different Keeper Design Topologies for high Speed Wide AND- OR Domino Circuits", IEEE Proc. Students' Conference on Engineering and Systems (SCES 2012), MNNIT Allahabad, pp. 1- 4, March 2012.
18. A. Kodap and **A. Dhawan**, "Finite impulse response single and double notch filter design with narrow rejection bandwidth," in *Proceedings of Students' Conference on Engineering & Systems*.
19. Mrs. Priyanka Kokil, Dr. V. Krishna Rao K., and Dr. Haranath Kar *An LMI based criterion for therobust stability of discrete-time state-delayed systems using generalized overflownonlinearities*, published in proceedings of 2011 IEEE International Conference on Computational Intelligence and Computing Research (2011 IEEEICCCIC), held at Kanyakumari, India, during December 15-18, 2011.
20. Mrs. Priyanka Kokil, Dr. Haranath Kar, and Dr. V. Krishna Rao K. *Stability analysis of discrete-time state-delayed systems with saturation nonlinearities*, published in proceedings of 2011 IEEE International Conference on Computational Intelligence and Computing Research (2011 IEEEICCCIC), held at Kanyakumari, India, during December 15-18, 2011.
21. Indrasen Singh, Sangam Kumar Singh, Sanjeev Jain, Vijay Shankar Tripathi and Sudarshan Tiwari "Design and Analysis of Rectangular Microstrip Patch Antenna For E-Band Applications" Published in International Conference on Microwaves, antenna Propagation and Remote sensing (ICMARS-2011) 7th - 10th December 2011, pp 110-112, Jodhpur, India.
22. Indrasen Singh, Sanjeev Jain, Vinay Kumar, Vijay Shankar Tripathi and Sudarshan Tiwari "Design and Analysis of Coaxial Feed X-band Square Microstrip Patch Antenna" Published in International Conference on Microwaves, antenna Propagation and Remote sensing (ICMARS-2011), 7th - 10th December 2011, pp 117-119, Jodhpur, India.
23. Nand Kishore, Prashant Ranjan, Indrasen Singh and Vijay Shankar Tripathi "Right Angled Isosceles Triangular Ring Patch Antenna with Different Feeding Techniques" Published in International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT 2012), 30th - 31th March 2011, pp 281-286 GBU, Greater Noida, India.
24. Prashant Ranjan, Nand Kishore, Indrasen Singh and Vijay Shankar Tripathi "Inverted Z And Circular Slot Patch Antenna For Wide Band Applications" International Conference on Emerging Trends in Engineering (ICETE-2012), 15th - 16th May 2012, M.M.A.M. Institute of Technology Nitte Karnataka State, India.
25. Ruchi Singh, R.A.Mishra, "Design and Simulation of Diminished-One Modulo ($2^n + 1$) Adder using Circular Carry Selection" Proceeding of International Conference of Electrical and Electronics Engineering, Organised by IAENG International Association of Engineers, World Congress on Engineering WCE 2011 at Imperial College London, U.K, pp.1515-1518, July 6-8, 2011.
26. Preeti Verma, R.A.Mishra, "Leakage Power and Delay Analysis of LECTOR Based CMOS Circuits" Paper No. 309, in 2nd International Conference on Computer & Communication Technology (ICCCCT-2011) Organized by the Department of Computer Science and Engineering, MNNIT Allahabad, during Sept 15-17, 2011.
27. A.K.Pandey, R.A.Mishra, R.K.Nagaria, "Low Leakage Power in Sub-45 nm with Multiple Threshold Voltages and Multiple Gate -Oxide Thickness footed Domino Logic" Paper ID ECE 21, 2nd international Conference on Current Trends in Technology NUICONE 2011, Organised by Nirma University, Ahmedabad during 08-10 December, 2011 pp 1-6.
28. Shipra Upadhyay, R.A.Mishra, R.K. Nagaria, "Comparative Performance of Irreversible Adiabatic Logic Circuits for Low Power VLSI Design" Proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-2012)

during 30-31 March 2012, Organised by School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Gautam Budh Nagar, U.P, India & Computer Society of India, Noida Chapter,

29. Sharanyan Srikanth , Arvind Kumar and Vaishya Krishanan “ Accelerating the Euclidean Distance Matrix Computing using GPUs”, accepted for publication in 3rd International Conference on Electronics Computer Technology(ICECT-2011) April 8-10 2011 Kanyakumari, India.
30. Sharanyan Srikanth , Arvind Kumar and Vaishya Krishanan “Accelerating the Dynamic Time Warping computation for online unsupervised pattern discovery using GPUs” accepted for publication in International conference on Intelligent Computing and Control (ICOICC-2011) May 27-28, 2011, Bangkok, Thailand.
31. Sharanyan Srikant, Arvind Kumar and Vasiya Krishnan, “ Online Accelerated Implementation of the Fuzzy C-means algorithm with the use of the GPU platform” Accepted for publication in IEEE sponsored International conference on Computer and Communication Technology, ICCCT-2011, Sept 15-17 , 2011, MNNIT, Allahabad, India.
32. Sharanyan Srikant, Arvind Kumar and Rajeev Gupta, “Implementing the Dynamic Time Warping algorithm in multithreaded environments for real time and unsupervised pattern discovery” Accepted for publication in IEEE sponsored International conference on Computer and Communication Technology, ICCCT-2011, Sept 15-17, 2011, MNNIT, Allahabad, India.
33. **Basant Kumar**, S.P. Singh, Anand Mohan, Animesh Anand , “Performance of Quality Metrics for Compressed Medical Images through MOS Prediction’,International Conference on Signal, Image and Video Processing, Proc. ICSIVP-2012, pp. 11-16, Jan 13-15, 2012, IIT Patna, India.
34. **Basant Kumar**, Animesh Anand, S.P. Singh, Anand Mohan, “High Capacity Spread-Spectrum Watermarking for Telemedicine Applications”, International Conference on Signal Processing , Proc.ICSP-11, pp. 37-41,July-27-29, 2011, Paris, France.

National

1. Indrasen Singh, Vijay Shankar Tripathi and Sudarshan Tiwari “Design and Analysis of Microstrip Antenna Using Reactive Impedance Substrate” Published in National Conference on Advances in Computer Communication and Embedded Systems (ACCES-2012) on April 12-13, 2012, pp 159-161, MMMEC, Gorakhpur, India.
2. Nand Kishore, Prashant Ranjan, Indrasen Singh and Vijay Shankar Tripathi “Comparison Between Triangular and Rectangular Stepped Dielectric Resonator Antenna” Published in National Conference on Advances in Computer Communication and Embedded Systems (ACCES-2012) on April 12-13, 2012, pp 155-158, MMMEC, Gorakhpur, India
3. Pushpa Rani, Amit Kumar Pandey, R.K Nagaria and R.A.Mishra, “A Survey on Different Keeper Design Topologies for High Speed Wide AND-OR Domino Circuits” Students IEEE Conference on Engineering and Systems (SCES-2012), March 16-18,2012 Organised by Electrical Engineering Department, MNNIT Allahabad.

V. Books Authored: NIL

**VI. SEMINARS / CONFERENCES / WORKSHOPS ATTENDED
(With Paper)**

1. Mr. Basant Kumar attended International Conference on Signal, Image and Video Processing, ICSIVP-2012, Jan 13-15, 2012, at **IIT Patna**, India
2. Mr. Basant Kumar attended International Conference on Signal Processing, ICSP-11, July-27-29, 2011, Paris, France.
3. Dr. R.A. Mishra Attended one paper in World Congress on Engineering WCE 2011 at Imperial College London, U.K, during July 6-8, 2011

**VII. SEMINARS / CONFERENCES / WORKSHOPS ATTENDED
(With out Paper)**

1. Attended Workshop on “Quality Enhancement for Teachers in Engineering Education through NPTEL” at Centre for Education Technology, Indian Institute of Technology Kharagpur, India during 16th – 17th November 2011

VIII. SEMINARS / CONFERENCES / WORKSHOPS/ SHORT TERM COURSES/ TRAINING PROGRAMME ORGANISED

Title	:	Summer Training Programme on “ VLSI design and Embedded Systems ”
Theme	:	To facilitate students of Electronics/ Electrical branches from outside institutes to get the exposure of some industry standards tools, software, and equipments.
Place	:	Department of Electronics & Communication Engineering, MNNIT, Allahabad
Date	:	12 June-14 July 2012
Coordinators	:	Dr. Vijaya bhadauria, ECED, MNNIT
Co-Coordinator	:	Dr. Basant Kumar, MNNIT, Allahabad
Number of Participants	:	100

IX. INVITED LECTURES

1. Prof. H. Kar delivered an invited lecture on ‘Finite wordlength effects in digital filters’ at NITTTR, Chandigarh, May 27, 2011.
2. Prof. H. Kar delivered an invited lecture on ‘Finite wordlength effects in digital filters’ at IEEE Joint chapter, MNNIT, Allahabad, Aug. 23, 2011.
3. Prof. V. K. Srivastava delivered a keynote address on the topic “Recent Trends in Digital and Analog Signal Processing” in the National Seminar cum Workshop on "Recent Advances in Digital and Analog Signal Processing" organized by Department of Electronics, D.D.U. Gorakhpur university, Gorakhpur-273009 (U.P.), India during 21-22 February, 2012
4. Prof. V. K. Srivastava delivered a special lecture on the topic “Signal and Image Processing: Review and Recent Trends” in the National Seminar on "computer vision" organized by Department of Electronics, Allahabad university, Allahabad on 25 February, 2012
5. Prof. V. K. Srivastava delivered expert lectures in the Summer Training Programme on “VLSI Design & Communication”, MNNIT, Allahabad, June 13 - July 15, 2011
6. Dr. R. K.Nagaria delivered Key Note Lecture on “Future Trends of CMOS-CFA based Networks suitable for Low Power VLSI & their applications in Information Communication Technology”,

National Workshop on Recent Trends in Information Communication Technology (WRTICT-2012), organized by Northern Regional Institute of Printing Technology, Allahabad, India, March 18, 2012.

7. Dr. Amit Dhawan Delivered expert lectures on “Digital Circuit Design” & “Signal and Systems” in Summer Training Programme on “VLSI Design & Communication”, June 13-July 15, 2011 held at MNNIT, Allahabad.
8. Mr. Rajeev Gupta Delivered expert lectures on “” & “RF IC design and Microwave Engineering” in Summer Training Programme on “VLSI Design & Communication”, June 13-July 15, 2011 held at MNNIT, Allahabad.
9. Dr. V. Krishna Rao K. delivered Special Lecture, ‘Signals and Systems’, under Summer Training Programme on VLSI Design & Embedded Systems, June-July, 2012.

X. RESEARCH PROJECTS: NIL

XI. OTHER ACHIEVEMENTS

1. Dr. R. K.Nagaria chaired the technical session in **Students’ Conference on Engineering and Systems (SCES 2012)**, March 16-18, 2012, MNNIT Allahabad, India
2. Dr. R. K. Nagaria, has been appointed the Associate Editor of International **Journal on Emerging Technologies (IJET)**. ISSN : 0975-8364
3. Dr. Amit Dhawan Served as **Chair Event Management Committee** for Students’ Conference on Engineering & Systems (SCES-2012), MNNIT, Allahabad, India, March 16-18, 2012.
4. Dr. Basant Kumar Awarded by Ph.D. degree in Communication Engineering from Department of Electronics Engineering, IIT BHU, on the topic “Some Studies on Medical Data Compression, Hiding, and Quality Assessment for Telemedicine” in Jan 2012.

10.8 DEPARTMENT OF ELECTRICAL ENGINEERING

I. LIST OF PH.D THESIS SUPERVISED IN 2011 – 2012:

S.No.	Name of the Students	Thesis Title	Supervisors Name
1.	PRAKAS KUMAR RAY	Study of Disturbances and Frequency Regulation in Hybrid Distributed Generation Power System	DR. S.R. MOHANTY & DR. NAND KISHOR

II. LIST OF M. Tech. THESIS COMPLETED IN 2011-12

S. No.	Student Name with Reg. No.	Thesis Title with 4 line Abstract	Supervisor
1.	Kumar Manu (Enrolment No.2010EE28)	Neural Observer Design for Discretized Model of Twin Rotor Mimo System.	Dr. Shubhi Purwar
2.	Awadhesh Kumar Singh (Enrolment No.2008PTPE04)	Design & Testing of Switched Mode Power Supply Using Forward Converter	Prof. R.K. Singh, EED
3.	Mr. Mata Deen (Enrolment No.2008PTPE08)	Modeling of Integrated Wimp Power Generation with Battery Energy Storage System	Dr. Nand Kishor
4.	Ms.Shipra Srivastav (Enrolment No.2009PTEE01)	Fractional PID Tuning Methods	Dr. Asheesh Kumar Singh
5.	GoravVig (Enrolment No.2010PE12)	Direct Torque Control of Five Phase Induction Motor	Prof. R.K. Singh
6.	Hrishitosh Bisht (Enrolment No.2010PE09)	Comparison of FLC approach of Modified Hill Climbing Method for MPPT with P&O and basic FLC Method in Grid Connected PV System	Prof. R.K. Singh
7.	Ashish Kushwaha (Enrolment No.2010PE29)	Grid Connection of Six Phase Induction Generator	Prof. R.K. Singh
8.	Arinjoy Biswas (Enrolment No.2010PE17)	Stair Case PWM Modulation Technique in Generalized Frequency Converter	Prof. Vineeta Agarwal
9	Priyanka Sonkar (Enrolment No.2010PE33)	Single Phase to Three Phase CI With SVPWM Controller	Prof. Vineeta Agarwal

10	Shubham Verma (Enrolment No.2010PE01)	Development of Fibonacci Search Algorithm for Cycloconverter	Prof. Vineeta Agarwal
11	Jawahar Lal Jaiswal (Enrolment No.2010PE21)	Implementation of Single Phase Matrix converter as a Generalized Single Phase Converter	Prof. Vineeta Agarwal
12	Rajan Kumar (Enrolment No.2010PE39)	3 Φ Grid Connected Photovoltaic System with Battery Storage for PQ Improvement	Dr. Nand Kishor
13	Akshaya Kumar Pati (Enrolment No.2010EE07)	Harmonic Compensation in Conventional 4 WEC Systems	Dr. Nand Kishor
14	Ravit Kumar (Enrolment No.2010PE22)	Power Management In Hybrid DC System	Dr. Nand Kishor
15	Vipin Chandra Pal (Enrolment No.2010EE17)	A Performance Analysis of Descrete Time Systems with Input Saturation: An LMI Based Approach	Mrs. Richa Negi
16	Yerraguntla Shasi Kumar (Enrolment No.2010PE23)	Maximum Power Point Tracking of Multiple Solar PV Modules.	Dr. Rajesh Gupta
17	Megha Goyal (Enrolment No.2010PE28)	Power flow control and power quality enhancement in distributed micro grid using wind energy system	Dr. Rajesh Gupta
18.	Alok Kumar (Enrolment No.2010EE13)	Development of fish length and weight measuring instrument.	Prof. Satya Sheel
19	Arun Kumar Saroj (Enrolment No.2010PE37)	Optimal Location of Statcom with Capacitor to Improve Power Flow in Long Transmission Line	Er. Nitin Singh
20	Shaiqa Anjum (Enrolment No.2009PTEE04)	Model Reduction for Continuous Time Stochastic Systems	Prof. Dinesh Chandra
21	Prateek Chaubey (Enrolment No.210EE10)	Design of Controller using MOR Technique	Prof. Dinesh Chandra
22	Shivam Bhardwaj (Enrolment No.210EE11)	PID Controller Tuning: A Comprehensive Study Using Fuzzy Logic and Particle Swarm Optimization	Prof. Satya Sheel
23	Rishabh Abhinav (Enrolment No.2010PE07)	AN Adaptive Robust Control of DC Motor Using PID Controller.	Prof. Satya Sheel

24	Alok Kumar (Enrolment No.2010EE13)	Development of fish length and weight measuring instrument.	Prof. Satya Sheel
25	Ankit Tiwari (Enrolment No.2010EE06)	Development of A PLC Based Controller- Governor for A Hydro – Turbine System.	Prof. Satya Sheel
26	Sandeep Banerjee (Enrolment No.2010EE03)	Digital Control Signal Generation using FPGA for Multi Level Diode Clamped Inverters.	Er. Paulson Samuel
27	Srinivasarao Chappa (Enrolment No.2010EE14)	Estimation of Fault Location on transmission- Line Using Synchro Phasors.	Er. Paulson Samuel & Dr. S.R. Mohanty
28	Soumendra Kumar Bagh (Enrolment No.2010PE31)	Emulation of A Horizontal Axis Wind Turbine Using A Separately Excited DC Motor.	Er. Paulson Samuel
29	Rahul Sharma (Enrolment No.2010PE32)	Grid Connected five level active neutral point clamped inverter for wind energy conversion System.	Er. Paulson Samuel
30	Mohd Moid (Enrolment No.2008PTEE01)	Fault location in power transmission line using synchronized sampling at both ends	Er. Anirudha Narain
31	Brijesh Kumar Kushwaha (Enrolment No.2010PE42)	Controller design of cuk converter using modal order reduction.	Er. Anirudha Narain
32	Arvind Kumar Ojha (Enrolment No.2009PTEE09)	Optimal design of PID Controller for CSTR system using BG - PSO	Er. Anirudha Narain
33	Anjani Kumar Pandey (Enrolment No.2010EE129)	Maximum power point tracking & power smoothing in wind energy conversion system using PSO technique.	Er. Anirudha Narain
34	Mohd Alamgir Khan (Enrolment No.2010EE05)	PMU in Wind Area Monitoring & Control	Dr. Nand Kishor
35	Sushil Kumar Yadav (Enrolment No.2010PE19)	Interline Power Flow controller In Two Transmission Lines.	Dr. Nand Kishor
36	Pankaj Kumar (Enrolment No.2010EE20)	Control of fuel Cell / Battery in Distributed Generation System.	Dr. Nand Kishor
37	Vijay Kumar Singh (Enrolment No.2010PE24)	Single phase Isolated Cascaded H-bridge multilevel dual stage AC-DC-AC converter.	Dr. Rajesh Gupta, EED

38	G. Syam Naresh (Enrolment No.2010PE16)	Shunt Active Power Filter as Front End Converter for DC Loads	Dr. Rajesh Gupta, EED
39	Sandeep Kumar Rathore (Enrolment No.2009EE05)	Power Control In PV/Battery System With Environments Conditions	Dr. Nand Kishor, EED
40	Mohd. Tabrez Alam (Enrolment No.2010EE03)	Level control of Coupled Tank System Using Nonlinear Control Techniques.	Dr. Shubhi Purwar, EED
41	Sawaliya Patidar (Enrolment No.2010EE19)	Load Frequency Control In Wind-Diesel Hybrid Power System Using LMI Approach.	Dr. Shubhi Purwar
42	Pranita Singh (Enrolment No.2010EE08)	Sliding Mode Controlled DC-AC Buck-Boost Converter.	Dr. Shubhi Purwar
43	Rammurti Meena (Enrolment No.2010EE23)	Backstepping Controller Design for MIMO System Using Kalman Filter Approach.	Dr. Shubhi Purwar
44	Gorav Vig (Enrolment No.2010PE12)	Direct Torque Control of Five Phase Induction Motor.	Prof. Ravindra K.S
45	Santosh Kumar (Enrolment No.2010EE16)	A Comparative Study of PID Turing Methods Using Anti-Windup Controller	Mrs. Richa Negi
46	Janardan Kundu (Enrolment No.2010EE31)	Stability Analysis of Discrete Time Delay Systems with Actuator Saturation.	Mrs. Richa Negi
47	Naresh Kumar Kummari (Enrolment No.2010PE34)	Performance Evaluation of Dstatcom Control Algorithms For Load compensation.	Dr. Asheesh Kumar Singh,
48	Krishna Kant Sahu (Enrolment No.2010PE40)	Optimization of Location And Size of Distributed Generation In Distribution System Using PSO	Dr. Asheesh Kumar Singh,
49	Omkar Singh Kardam (Enrolment No.2010EE22)	Optimal Tuning of PID Controller for AVR System Using Evolutionary Methods.	Dr. Asheesh Kumar Singh,
50	Vikas Srivastava (Enrolment No.2010PE13)	Modified MPPT Method Based On Incremental Conductance MPPT For PV System Under Partial Shaded Condition	Dr. Asheesh Kumar Singh,
51	Hari Shankar Singh (Enrolment No.2009PTEE03)	Tuning Methods of Fractional Order PID Controller.	Dr. Asheesh Kumar Singh,

52	Avinash Kumar Patel (Enrolment No.2010EE10)	Model Order Reduction of Continuous High Order MIMO Systems Using PSO.	Shri Anirudha Narain
53	Ishtiyaque Ahmad (Enrolment No.2010PE14)	Indirect field Oriented Control Of Induction Motor Using SVPWM Fed with Reduced Switch Z-Source Inverter.	Prof. R.K. Tripathi
54	Umesh Dikshit (Enrolment No.2010PE02)	Direct Torque Control for Dual Three – Phase Induction Motor Drives.	Prof. R.K. Tripathi
55	Himanshu Kumar (Enrolment No.2010PE15)	Simulation and Hardware Implementation of Variable Incremental Conductance Method with Direct Control Method Using Boost Converter.	Prof. R.K. Tripathi
56	Alok Kumar Singh (Enrolment No.2010PE25)	MPPT Scheme for Small / Large Time Partially Shaded Condition of a PV Cell, Array.	Prof. R.K. Tripathi
57	Sujeet Kumar Soni (Enrolment No.2008PTEE03)	A.V.R. of 3 phase AC Generator.	Prof. R.K. Tripathi
58	A.P. Rajendran (Enrolment No.2008PTEE09)	State space Model of Drum Boiler system.	Dr. Shubhi Purwar, EED
59	Tulika Shankar (Enrolment No.2010PE18)	WECS using Permanent Magnet Synchronous Generator	Prof. R.K. Singh

III. LIST OF PAPERS PRESENTED INTERNATIONAL & NATIONAL JOURNALS:

1. N. K. Yadav, and R. K. Singh, “Robust discrete-time nonlinear sliding mode controller with plant uncertainties”, *International Journal of Engineering, Science and Technology*, Vol. 4, No. 1, pp. 38-45, Year, March, 2012.
2. Richa, R.K.Singh Polynomial based Design of CIC Compensation Filter used in Software Defined Radio for Multirate Signal Processing, *International Journal of Computer Applications (0975 – 8887) Volume 39– No.17, February 2012.*
3. Navdeep Kumar, Anshul Agarwal & Vineeta Agarwal_“Implementation of Delta PWM for AC-AC Converter using FPGA,___ *Journal of Electrical Engineering, Volume 11, Edition 3, pp. 130-135, October 2011*
4. Piush Kumar and Vineeta Agarwal and Asheesh K. Singh, “_Design of Fuzzy Controllers for CSI Fed Induction Motor” *Journal of Electrical and Electronics Systems Research, vol. 4, No. 1, June 2011*
5. V. P. Singh, and Dinesh Chandra, “Model reduction of discrete interval system using clustering of poles”, *International Journal of Modelling, Identification and Control*, vol. 17, no. 2, pp. 116-123, 2012.

6. V. P. Singh, and Dinesh Chandra, "Reduction of discrete interval systems based on pole clustering and improved Pade approximation: a computer aided approach", *International Journal of Advanced Modelling and Optimization*, vol. 14, no. 1, pp. 45-56, 2012.
7. V. P. Singh, and Dinesh Chandra, "Reduction of discrete interval system using clustering of poles with Pade approximation: a computer-aided approach", *International Journal of Engineering, Science and Technology*, vol. 4, no. 1, pp. 96-104, 2012.
8. Vinay Kumar Deolia, Shubhi Purwar, and T. N. Sharma, "Dead-zone compensation with Backstepping Control in Discrete-Time Nonlinear Systems using Neural Networks," *International Journal of CSNT*, vol.2, No.1, 2012
9. Vinay Kumar Deolia, Shubhi Purwar, and T. N. Sharma, "Adaptive Backstepping Controller for Discrete-Time Nonlinear Systems with Input Saturation" *International Journal of Communication System and Networks, Science and Engineering Support Society & Machine Intelligence Research Labs, USA*, vol.1, No.1. 2012
10. Vinay Kumar Deolia, Shubhi Purwar, and T. N. Sharma, "Stabilization of Unknown Nonlinear Discrete-Time Delay Systems based on Neural Network" *Intelligent Control and Automation, Scientific research publications*, vol.3, No. 4., 2012.
11. Richa Negi, Shubhi Purwar, Haranath Kar, "Delay-Dependent Stability Analysis of Discrete Time Delay System with Actuator Saturation" *Intelligent Control and Automation by SRP*, vol. 3, pp. 34-43, 2012.
12. Richa Negi, Haranath Kar, and Shubhi Purwar, "Stability Analysis of 2-D Discrete Linear System Described by the Fornasini-Marchesini Second Model with Actuator Saturation," *International Scholarly Research Network Computational Mathematics*, 2012.
13. Richa Negi, Shubhi Purwar, Haranath Kar, "Anti -Windup Design with Global Asymptotic Stability for Discrete-Time Linear Systems: An LMI-Based Approach," *Canadian Journal on Electrical and Electronics Engineering*, vol. 2, no. 12, pp. 584-587, 2011.
14. F. A. Shaik, S. Purwar and Bhanu Pratap, "Real-time Implementation of Chebyshev Neural Network Observer for Twin Rotor Control System", *Expert Systems with Applications (Elsevier)*, vol. 38, no. 10, pp. 13043–13049, Sep. 15, 2011.
15. R. S. Bajpai and Rajesh Gupta, "Design of Simulator for Modeling of Wind Turbine and Transfer of Maximum Power using Buck-Boost Converter", *International Journal of Renewable Energy Technology (Inderscience)*, vol.2, no.4, pp. 373-391, 2011.
16. Rajesh Gupta, "Generalized Frequency Domain Formulation of the Switching Frequency for Hysteresis Current Controlled VSI Used for Load Compensation", *IEEE Transactions on Power Electronics*, vol. 27, no.5, pp. 2526-2535, May 2012
17. Soumya R. Mohanty, V.R. Pandi, B.K. Panigrahi, Nand Kishor and Prakash K. Ray, "Performance Evaluation of Distance Relay with CT Saturation", *Applied Soft Computing*, Elsevier Science, Volume 11, Issue 8, December, 2011.
18. A. S. Raghuvanshi, S. Tiwari, Rajeev Tripathi, Nand Kishor, Optimal number of clusters in wireless sensor networks: A FCM approach, *Journal-International Journal of Sensor Networks*, Vol. 12, pp. 16- 24, 2012, Publisher: Inderscience.
19. Soumya R. Mohanty, V.R. Pandi, B.K. Panigrahi, Nand Kishor and Prakash K. Ray, "Performance Evaluation of Distance Relay with CT Saturation", *Applied Soft Computing*, Elsevier Science, Volume 11, Issue 8, December, 2011

IV. LIST OF PAPERS PRESENTED INTERNATIONAL & NATIONAL CONFERENCES:

1. Pavan Kumar Mishra, Sanjay Kumar Maurya, Ravindra Kumar Singh, Arun Kumar Mishra “SVM Based Automatic Plant Identification with Digital Images of Leaf and Flower” Proceeding of National Conference on Artificial Intelligence And Agents: Theory & Application held at Department of Computer Science Engineering, Institute Of Technology, BHU, Varanasi. 9 th. -11 th. December 2011
2. Pavan Kumar Mishra, Sanjay Kumar Maurya, Ravindra Kumar Singh, Arun Kumar Mishra “A semi automatic plant identification based on digital leaf and flower Images” Proceeding of IEEE International Conference on Advances in Engineering, Science and Management (IEEE-ICAESM 2012) , Nagapattanam, Tamilnadu
3. Sanjay Maurya, Pavan Mishra, Ravindra Singh and Arun Mishra “Image Enhancement by Spline Interpolation and Adaptive Power Spectrum Cut-off” Proceeding of IEEE International Conference on Advances in Engineering, Science and Management (IEEE-ICAESM 2012) , Nagapattanam, Tamilnadu
4. Pavan Kumar Mishra, Sanjay Kumar Maurya, Ravindra Kumar Singh, Arun Kumar Mishra “An Intensity Variation based Image Interpolation by Selective Threshold” Proceeding of International Conference on Communication Systems and Network Technologies (CSNT-2012), Rajkot, Rajasthan
5. P. Pani, R. K. Singh & R. K. Tripathi ,“Performance analysis of fuel cell fed PMSM drive with quadratic boost converter for electric vehicle application”, National conference on emerging trend in electrical and electronics engineering, ETEEE-2011,Nov 26-27. 2011.
6. N. K. Yadav and R. K. Singh, “Robust discrete-time nonlinear sliding mode controller with plant uncertainties” proceeding of National conference on “Emerging Trends in Electrical and Electronics Engineering (ETEEE-2011)”, Kamla Nehru Institute of Technology (KNIT), Sultanpur (U. P.), India, S.07.11, Nov, 26-27, 2011.
7. V. Raviprasad, Tulika Shanker, K. S. Ravindra. “Power Architectures for Telecommunications – A Review”, International Conference on Advances in Electronics, Electrical and Computer Science Engineering – EEC, Page(s): 70 – 74, 7-8-9 July, 2012. DOI: 10.3850/ 978-981-07-2950-9 397.
8. Shanker, T.; Singh, R.K.; , "Wind energy conversion system: A review," 2012 IEEE Students Conference on Engineering and Systems (SCES), vol., no., pp.1-6, 16-18 March 2012, DOI: 10.1109/SCES.2012.6199044.
9. Rajendra Pratap, R. K .Singh and Vineeta Agarwal, “*SiC Power MOSFET and Modeling Challenges, IEEE Student Conference on Engineering and Systems, SCES, March 16-18, 2012, Alahabad, India*
10. Preeti Agarwal, Anshul Agarwal, and Vineeta Agarwal,” Implementation of Space Vector Modulation for FPGA Based Frequency Converter” *IEEE International Telecommunications Energy Conference INTELEC 2011*, October 9-13, Amsterdam, Netherlands pp. 1-6
11. Priyanka Chauhan and Vineeta Agarwal,” Performance Analysis of Series Load Resonant AC to AC Converter” *IEEE International Conference on Recent Advancements in Electrical, Electronics and Control Engineering, IConRAEeCE, 15-17 December 2011 Sivakasi, Chennai .*
12. Naman Dwivedi, Akash Verma, Dipta Ghosh, Rajendra Pratap and Vineeta Agarwal, Performance Evaluation of Buck Converter with SiC diode” *IEEE International Conference on Recent Advancements in Electrical, Electronics and Control Engineering, IConRAEeCE, 15-17 December 2011, Sivakasi, Chennai .*

13. Vineeta Agarwal and Anshul Agarwal, "FPGA Based Delta Modulated Cyclo-Inverter", *IEEE International Power Engineering and Optimization Conference* PEOCO, 2011 6-7 June, 2011, Shah Alam, Malaysia
14. Vineeta Agarwal and Anshul Agarwal, "FPGA Based Cyclo-Converter", *IEEE International Power Engineering and Optimization Information Conference* PEOCO, 2011 6-7 June, 2011, Shah Alam, Malaysia
15. V. P. Singh, and Dinesh Chandra, "Model reduction of discrete interval system using dominant poles retention and direct series expansion method", 5th International Conference on Power Engineering and Optimization (PEOCO-2011), Kuala Lumpur, Malaysia, vol. 5, no. 1, June 6-7, 2011.
16. S.Banerjee, P. Samuel, R. Sharma, "PWM Signal Generation using FPGA," in *IEEE Sponsored Students' Conference on Engineering and Systems*, Allahabad, India, 2012.
17. V. P. Singh, and Dinesh Chandra, "Analysis and adjustment of steady state responses of rational systems associated with interval systems", *IEEE student's conference on Engineering and Systems (SCES-2012)*, MNNIT, Allahabad, vo. 1, no.1, march 16-18, 2012.
18. V. P. Singh, P. Chaubey, and Dinesh Chandra, "Order reduction of continuous time systems using pole clustering and Chebyshev polynomials", *IEEE student's conference on Engineering and Systems (SCES-2012)*, MNNIT, Allahabad, vo. 1, no.1, march 16-18, 2012.
19. Vinay Kumar Deolia, Shubhi Purwar, and T. N. Sharma, "An LMI Approach for the Stabilization of Discrete-Time Delay Nonlinear Systems using Backstepping" *IEEE Conference on Communication System and Network Technologies*, Rajkot, India, May 11-13, 2012.
20. Richa Negi, Abhishek Kumar Tiwary, Shubhi Purwar, and Haranath Kar, "Condition for global stability of continuous time delayed linear system with saturated inputs: LMI-based approach," *IEEE International Conference on Control System, Computing and Engineering*, Penang, Malaysia, Nov. 25-27, 2011.
21. Vinay Kumar Deolia, Shubhi Purwar, and T. N. Sharma, "Adaptive Backstepping Control for a Class of Uncertain Discrete-Time Nonlinear Systems with Input Nonlinearities" *IEEE International Conference on Computational Intelligence and Communication Networks*, Gwalior, India, Oct. 7-9, 2011.
22. R. S. Bajpai and Rajesh Gupta, "Series Compensation to Mitigate Harmonics and Voltage Sags/Swells in Distributed Generation Based on Symmetrical Components Estimation", *20th IEEE Int. Symp. on Industrial Electronics 2011 (ISIE 2011)*, June 27-30, 2011, Gdansk, Poland.
23. Rajasekar.S, Rajesh Gupta, "Photovoltaic Array Based Multilevel Inverter for Power Conditioning," in *IEEE Sponsored International Conference on Power and Energy System (ICPS-2011)*, Indian Institute of Technology Madras, Chennai, India, 22-24, Dec.2011.
24. Shweta Gautam, Anil Yadav and Rajesh Gupta, "AC/DC/AC Converters based on Parallel AC/DC and Cascaded DC/AC Converters" in *IEEE Sponsored Students Conference on Engineering and Systems (SCES 2012)*, MNNIT, Allahabad, India, March 16-18, 2012.
25. Megha Goyal and Rajesh Gupta, "Power Flow Control in Distributed Microgrid with Wind Energy System" in *IEEE Sponsored Students Conference on Engineering and Systems(SCES 2012)*, MNNIT, Allahabad, India, March 16-18, 2012.
26. Vijay Kumar Singh and Rajesh Gupta "Active Power Balance in Cascaded Multilevel Converter Under Bipolar and Unipolar Modulation" in *IEEE Sponsored Students Conference on Engineering and Systems(SCES 2012)*, MNNIT, Allahabad, India, March 16-18, 2012.

27. Rajasekar.S, Rajesh Gupta, "Solar Photovoltaic Power Conversion Using Modular Multilevel Inverter," in *IEEE Sponsored Students Conference on Engineering and Systems(SCES 2012)*, M.N National Institute of Technology, Allahabad, India, March 16-18, 2012 .
28. Y. Shasi Kumar and Rajesh Gupta, "Maximum power point tracking of multiple photovoltaic arrays," *IEEE Sponsored Students Conference on Engineering and Systems(SCES 2012)*, M.N National Institute of Technology, Allahabad, India, March 16-18, 2012.
29. Shweta Gautam and Rajesh Gupta, "Accurate Derivation of Switching Dynamics for Load Compensation in Non-Stiff Source Distribution System" in *21th IEEE Symposium on Industrial Electronics (ISIE-2012)*, Hangzhou, China, May 28-31, 2012.
30. Shweta Gautam and Rajesh Gupta, "Generalized Hysteresis Current Controller for Three-level Inverter Topologies" in *21th IEEE Symposium on Industrial Electronics (ISIE-2012)*, Hangzhou, China, May 28-31, 2012.
31. Rajasekar S, Rajesh Gupta, Anurag Upadhyay, Puneet Agarwal, Sudhir Kumar, Y. Shasi Kumar "Modified Hill-top Algorithm Based Maximum Power Point Tracking for Solar PV Module" in *21th IEEE Symposium on Industrial Electronics (ISIE2012)*, May 28-31, 2012.
32. Soumya. R. Mohanty, Nand Kishor, Prakash K. Ray and J. P. S. Catalão, "Intelligent pattern classification approach to power quality events", in Proceedings of the 16th IEEE International Conference on Intelligent Engineering Systems, INES 2012, Caparica, Lisbon, Portugal, June 13-15, 2012.
33. Soumya. R. Mohanty, Nand Kishor, Prakash K. Ray and J. P. S. Catalão, "Impact of environmental factors on the classification of power quality disturbances in grid-connected wind energy systems", in Proceedings of the 11th International Conference on Power and Energy Systems (IASTED), EURO-PES 2012, Napoli, Italy, June 25-27, 2012.
34. Soumya R. Mohanty, Sumit Sen, Nand Kishor, Prakash K. Ray & Vijay P. Singh, "Harmonic Compensation in Distributed Generation Based Micro-Grid Using Droop Control Technique", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011.
35. Prakash K. Ray & Vijay P. Singh, Soumya R. Mohanty, Nand Kishor & Sumit Sen, "Frequency Control Based on H_{∞} Controller for Small Hybrid Power System", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011.
36. Harish C. Dubey, Soumya R. Mohanty, Nand Kishor & Prakash K. Ray, "Fault Detection in a Series Compensated Transmission Line using Discrete Wavelet Transform and Independent Component Analysis: a Comparative Study", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011.
37. Soumya. R. Mohanty, Nand Kishor, Prakash K. Ray and J. P. S. Catalão, "Intelligent pattern classification approach to power quality events", in Proceedings of the 16th IEEE International Conference on Intelligent Engineering Systems, INES 2012, Caparica, Lisbon, Portugal, June 13-15, 2012.
38. Soumya. R. Mohanty, Nand Kishor, Prakash K. Ray and J. P. S. Catalão, "Impact of environmental factors on the classification of power quality disturbances in grid-connected wind energy systems", in Proceedings of the 11th International Conference on Power and Energy Systems (IASTED), EURO-PES 2012, Napoli, Italy, June 25-27, 2012.

39. Soumya R. Mohanty, Sumit Sen, Nand Kishor, Prakash K. Ray & Vijay P. Singh, "Harmonic Compensation in Distributed Generation Based Micro-Grid Using Droop Control Technique", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011.
40. Prakash K. Ray & Vijay P. Singh, Soumya R. Mohanty, Nand Kishor & Sumit Sen, "Frequency Control Based on H_{∞} Controller for Small Hybrid Power System", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011.
41. Harish C. Dubey, Soumya R. Mohanty, Nand Kishor & Prakash K. Ray, "Fault Detection in a Series Compensated Transmission Line using Discrete Wavelet Transform and Independent Component Analysis: a Comparative Study", 5th International Power Engineering and Optimization Conference, PEOCO, Shah Alam, Selangor, Malaysia, , 2011

V. OTHER ACHIEVEMENTS:

1. 2012 Students' Conference on Engineering and Systems (SCES 2012)

The 2012 Students' Conference on Engineering and Systems (SCES 2012), March 16-18, 2012 was organized by the IEEE Student Branch of Motilal Nehru National Institute of Technology Allahabad. The theme of the conference was *Inspiring Engineering and Systems for Sustainable Development*. The conference was co-sponsored by IEEE Joint Societies Chapter of Industrial Electronics, Power Electronics and Control System (IE/PEL/CS) and technically sponsored by IEEE Uttar Pradesh Section. The conference has acquired LOA from IEEE, USA for uploading papers on IEEE Xplore.

The 3-day conference was inaugurated by Mr. Hirdesh Kulshrestha, *Unit Managing Director, ALSTOM INDIA* at Naini, with an inaugural talk on the topic "*ALSTOM's Presence in T&D Sector*". Prof. P. Chakrabarti, Director MNNIT Allahabad delivered the plenary talk of the conference on the theme "*New Avenues Leading to Next Generation Electronics*". He addressed the conference participants for their distinctive quest to keep up to date with the cutting edge technology.

2. Expert Lecture under IEEE Joint Societies Chapter of Industrial Electronics, Power Electronics and Control System (IE/PEL/CS)

Prof. B. Bandyopadhyay from Indian Institute of Technology, Bombay delivered an expert lecture on the topic "Robust Composite Nonlinear Feedback Control Using Integral Sliding Mode" on 17th February, 2012 in the Department of Electrical Engineering. The speaker discussed the problem of improving performance yet preserving the invariance towards the matched disturbances from a different perspective. A nonlinear surface was proposed which considered actuator saturation and the elimination of the reaching phase with improvement in the performance. The experimental analysis on a laboratory based servo position control system under the influence of a persistent disturbance was also discussed.

Another expert talk was delivered by Prof. R. K. Pandey from Banaras Hindu University, Varanasi on topic "Power System Operation Improvements using HVDC/FACTS" on the same day. This lecture presented an overview of power oscillation damping capabilities of HVDC and Flexible AC Transmission System (FACTS) controllers in large interconnected power system. The said speaker had his view on architecture of power control with HVDC to be a viable and effective option for regional control for improved system stability along with the reliability.

10.9 DEPARTMENT OF HUMANITIES & SCIENCES

I. Publication in International and National Journal:

1. Sinha, Ambalika & Agarwal, Sweta.(2011) A study of the Indian vs. Rural sector with reference to Maslow's need hierarchy theory with special emphasis to societal empowerment in Allahabad district, India.August 31, 2011 Issue 1, Volume-1, Journal : International journal of business management and research(IJBMR).
2. Ambalika Sinha with Avanika Sinha (2011) A paper on "Anxiety Level of Students in Professional Institute Arena" accepted for Publication in International Journal of Environmental Research and Development, 1-5, 6(I). (ISSN 0973-6921)
3. Ambalika Sinha with Avanika Sinha (2011) A paper on "Mental Health Awareness in Rural India" accepted for Publication in the Edited Book on "Rural Management in Post-Reform Era/ Rural Development in Post-Colonial Era/ Rural Entrepreneurship Development in Liberalised Era" publishing by Society for Advancement of Villagers Education and Rural Assistance (SAVERA), India.
4. Dr. Niroj Banerji "The Impact of Translations in India and Europe in Colonia Era", published in Manaviki, a journal of Humanities and Social sciences, with ISSN No. 0975-7880, Ref.Man/Jun.-Dec./2011/121, published by – Society of Education and Social welfare, Varanasi.
5. Dr. Niroj Banerji "*The Blind Assassin of Margaret Atwood* " in International Journal of Indian Journal of World Literature and Culture with ISSN 2229-7251, Vol.7: July-December 2011.
6. Dr. Niroj Banerji "Gender as a Social Construct in Margaret Atwood's *Oryx and Crake* to be published in the International Journal "Academic Research International" Vol.2 Number 2, March 2012 issue. Ref. no. 0202- 317- SC-122011, 18.01.2011, ISSN-L : 2223- 9552(online), ISSN: 2223-9944(print).
7. Banerji, N. & Shukla, S., Developing Skills Through incorporating Educational Philosophy: An Effective Tool for Individual Growth, *International journal of communication and network*.
8. Banerji, N. & Shukla, S., , Soft Skills: A Step Towards Success, *International Journal Of Social Science and Research*, Volume 3, 2011
9. Banerji N. & Shukla S., "THE SHADOWED IDENTITY: A STUDY OF ALICE WALKER'S THE COLOR PURPLE to be published in the International Journal" Academic Research International Vol.2 No2, March 2012 issue. Ref.no.0202-317-SC-122011, 18.01.2011, ISSN-L:2223-9552(online), ISSN:2223-9944(print)
10. Paper "Role of Nature in Self-Exploration in Margaret Atwood's *Surfacing*" published in *International Journal of Scientific and Research Publications refereed journal* vol.2, issue no.: 4/April- 2012 ISSN: 2250-3153, pp.202-204.
11. Paper "Transformation of the Protagonist in Margaret Atwood's *Lady Oracle*" published in *International Journal of Humanities and Social Science [U.S.A.] refereed journal* vol.2, no.: 3/February- 2012 ISSN: 2220-8488[Print], 2221-0989 [online], pp. 233-236.
12. Paper "Female Enslavement in Margaret Atwood's *The Edible Woman*" published in *Academic Research International [Pakistan] refereed journal* vol.2, no. 1, January- 2012 ISSN: 2223-9553, pp.705-709.
13. Paper "Search for Identity in Margaret Atwood's *Life Before Man*" published in *IPEDR refereed journal* vol. 17, October- 2011 ISSN: 2010-4626, pp.-51-54.

14. Paper "From Divided Selves to an Integrated Self: Joan in Atwood's *Lady Oracle*" published in *The International Journal of Culture, Literature and Criticism* issue no.: 3/April- 2011 ISSN: 0976-1608, pp.129-135.
15. Paper "Food as a Metaphor of Inner Conflict in Margaret Atwood's *The Edible Woman*" published in National Conference Proceedings on *Urban Catharsis: The Psycho-Moral Cleansing Effects of Literature in English*, ISBN: 978-81-909732-6-7, pp.215-218. pp. 215-218.
16. Tripathi R. with Akhtar A. (2012) "Global Convergence of Accounting Standards" Published in Edited Book on Resurging India : Realities and Myths at Teerthankar University, Moradabad , Excel Publication ISBN: 93-82062-04-1
17. Tripathi R. with Agarwal S.(2011), "Rural Entrepreneurship Development and Challenges: Towards Woman Entrepreneurship" published in *Journal of Business Management & Research*, Vol 1, Issue 1, December 2011, pp62-70, ISSN;2250-2343
18. Tripathi R. with Agarwal S.(2011), "Foreign Direct Investment In Indian Economy (With Reference To Entrepreneurial Development In India For Emerging Sustainable Growth And Development In Msme)" published in *Prime Journal of Business Administration and Management*, Vol 1, Issue 12, December 2011, pp3752-781, ISSN: 2251-1261
19. Tripathi R. with Shastri R.K. and Ali M. (2011) "LIBERALIZATION AND ITS IMPACT ON SMALL SCALE INDUSTRIES" published in *International Journal of Vocational and Technical Education* ,October 2011
20. Tripathi R. with Sinha A. and Agarwal S.,(2011) "THE EFFECT OF VALUE ADDED TAXES ON THE INDIAN SOCIETY", published in *Journal of Accounting and Taxation (Academic Journals)*, Vol.3, No.2, year 2011, pp32-39, ISSN 2141-6664
21. Tripathi R. with Gupta S.(2011), "INTERNATIONAL FINANCIAL REPORTING STANDARDS : A WAY FOR GLOBAL CONSISTENCY", published in *Australian Journal of Business and Management Research*, Volume 1, Issue 1 year 2011, pp 38-51, ISSN No.:1839-0846.
22. Rajesh Kumar Shastri with Renu Anand, Rinki Verma, and Shilpi Srivastava(2011) "Need of restructuring and reorientation of health policies towards health problems in rural India" is published in *Prime Journals of Business Administration and Management* Volume 1, Issue 8, pp. 257-264(ISSN ISSN: 2251-1261)
23. Rajesh Kumar Shastri with Indal Kumar (2012) "A study on motivational factors for changing buying Behaviour of rural consumers with special reference to FMCG,S products in Allahabad" has been published in a book(ISBN978-81-921579-1-7) Titled *Rural India in New Millennium* from Paramount Publishing House, Hyderabad
24. Rajesh Kumar Shastri with Malavika Sinha (2011) "EMPLOYEES SIXTH PAY COMMISSION: ESTIMATION OF JOB SATISFACTION AMONG CENTRAL GOVERNMENT" is published in *International Journal Research In Commerce and Management*, VOLUME NO. 2 (2011), ISSUE NO. 7 (JULY) (ISSN 0976-2183)
25. Rajesh Kumar Shastri with Anushree Singh (2011) One Paper "CSR Auditing in Indian Industries: A conceptual acknowledgement for Implementation" has been published in an edited book "Rethinking Corporate Social Responsibility" Macmillan Publishers India Limited, 2011, ISBN 10: 0230-32310-3, Page 148-158
26. Rajesh Kumar Shastri with Ms. Anushree Singh & Ms. Renu Anand (2011) "INDIAN CORPORATE SOCIAL RESPONSIBILITY PRACTICES: A SUBWAY TO ACHIEVE INCLUSIVE GROWTH OF INDIA" is published in *Arabian Journal of Business and Management Review* Vol. 1, No.2; September 2011(ISSN: ISSN: 2223-5833)

27. Dr. Rajesh Kumar Shastri, Rinki Verma, Shilpi Srivastava & Renu Anand (2011) “AN EMPIRICAL STUDY OF SATISFACTION AND AWARENESS LEVEL OF RURAL PEOPLE TOWARDS SELECTED GOVERNMENT FINANCIAL ASSISTANCE SCHEMES OF UTTARPRADESH, INDIA” is published in *Arabian Journal of Business and Management Review Vol. 1, No.2; September 2011*(ISSN: ISSN: 2223-5833)
28. R. K. Shastri with Shilpi Srivastava (2011) “ ENHANCING THE SKILLS OF EMPLOYEE TOWARDS SUSTAINABILITY AND GROWTH OF BUSINESS ENTERPRISE: A CASE STUDY WITH SPECIAL REFERENCE TO BHARAT PUMPS AND COMPRESSOR LIMITED (BPCL) ALLAHABAD INDIA” has been Published in a international Journal *Australian Journal of Business and Management Research (AJBMR)*, ISSN : 1839 – 0846, listed in Ulrich's Journal Database_(Global Serial Directory)
29. R. K. Shastri with Shashi K Mishra & A. Sinha (2011) “CHARISMATIC LEADERSHIP AND ORGANIZATIONAL COMMITMENT: AN INDIAN PERSPECTIVE” has been Published in a international Journal *African Journal of Business Management*, ISSN 1993-8233 ISI INDEXED JOURNAL; IMPACT FACTOR 1.105

II. Papers Presented In International and National Conferences:

1. Paper “Search for Identity in Margaret Atwood’s Life Before Man” presented in International Conference on *Humanities, Historical and Social Sciences* organized at Cairo, Egypt held from 21st to 23rd Oct, 2011.
2. Paper “Female Gothic in Margaret Atwood’s The Edible Woman” accepted in International Conference on *British and American Studies* organized by Albanian Society for the Study of English, Vlore, Albania at University of Vlore, Albania to be held from 11th to 13th June, 2011.
3. Paper “Environment and Literature: Eco-Feminism in Margaret Atwood’s *Surfacing*” presented in National Seminar on *Frontiers in Environmental Research* organized by Government Shyam Lal Pandviya P.G. College, Morar, Jiwaji University, Gwalior held on 18th & 19th February, 2012.
4. Paper “Food as a Metaphor of Inner Conflict in Margaret Atwood’s *The Edible Woman*” presented in National Conference on *Urban Catharsis: The Psycho-Moral Cleansing Effects of Literature in English* organized by Deptt. Of English, Lingaya’s University held on 3rd & 4th February, 2012.
5. Paper “Expression of Woman Marginality in Margaret Atwood’s *The Edible Woman*” presented in National Seminar under the aegis of U.G.C. on *Race, Colour, Gender, Class and Caste in the Writings in English* organized by M.M.V., Kidwai Nagar, Kanpur held on 3rd & 4th December, 2011.

III. Invited Lectures of Dr. Rajesh Kumar Shastri:

1. Invited as Distinguished Speaker in 3rd National Convention of Rural Institutes organized by National Council of Rural Institutes, Ministry of Human Resource Development, hosted by NBGU, Allahabad during 23-24 Nov, 2011.

10.10 DEPARTMENT OF MATHEMATICS

I. LIST OF Ph. D THESIS SUPERVISED:

S.No.	Title	Department	Candidate Name	Supervisor
1	A study of basic hypergeometric functions and its applications Ph.D. Degree Awarded in 2011	Mathematics	Maheshwar Pathak	Dr Pankaj Srivastav
2	A study on rings graded over finitely generated Abelian groups- Ph.D Degree Awarded in 2011	Mathematics	Srinivas Behara	Dr Shiv Datt Kumar
3	Mathematical Modeling and Computer Simulation of Elliptic Interface Problems Arising in Steady State Heat Conduction in Composite Systems. Ph.D Degree Awarded in 2011	Mathematics	Pratibha Joshi	Dr Manoj Kumar

II. RESEARCH PAPERS PUBLISHED/ACCEPTED IN INTERNATIONAL REFEREED JOURNALS IN SESSION 2011-2012:

1. Navaneet Ojha & Sahadeo Padhye, *Weak Keys in RSA Over The Work Of Blomer & May*, International Journal of Network Security Vol. 13 No. 3, PP 228-233, Nov. 2011.
2. Namita Tiwari & Sahadeo Padhye, *Provable Secure Proxy Signature Scheme Without Bilinear Pairing*, International Journal of Communication Systems, (Article in Press) DOI: 10.1002/dac.1367, 2011(**Willey Publication**).
3. Sahadeo Padhye, *Singular Cubic Curve Based PKC: As Secure as Factoring*, International Journal of Cryptography and Security, Vol.1 No. 2 pp. 10-13, 2011.
4. Navaneet Ojha & Sahadeo Padhye, *Another Generalization of Weak Keys in RSA With Prime Sharing LSBS*, Applied Mathematical Sciences, Vol. 6, no. 7, 309 – 318, 2012.(Hikari Publication)
5. Rajeev Anand Sahu & Sahadeo Padhye, *Efficient ID-based Proxy Multi-Signature Scheme in Random Oracle*. Frontiers of Computer Science, **10.1007/s11704-012-2851-2012(Springer Publication)**.
6. Shiv Datt Kumar, Ratnesh Kumar Mishra, *Lifting of generators of ideals to Laurent polynomial ring*, **Beitr Algebra Geom/ Contributions to Algebra and Geometry (Springer Publication)**, 2012, ISSN 0138-4821.
7. Behara Srinivas, Shiv Datt Kumar, *Group graded associated ideals with flat base change of rings and short exact sequences*, **Proceedings Mathematical Sciences, (Springer Publication)**, Indian Acad. Sci., Vol. 121, No. 2, February 2011, pages 111–120.
8. Ratnesh Kr Mishra, Shiv Datt Kumar and Srinivas Behara, *On projective modules and computation of dimension of a module over Laurent polynomial ring*, **ISRN Algebra (Hindawi Publication)**,

- USA), Volume 2011, Article ID 926165, 12 pages, doi:10.5402/2012/926165.
9. Shiv Datt Kumar, Srinivas Behara, Uniqueness of graded primary decomposition of modules graded over finitely generated Abelian groups, **Communications in Algebra, Taylor and Francis Publication**, Vol 39 (7), 2011, pages 2607-2614.
 10. Priti Singh, Shiv Datt Kumar, A note on joint reduction of an ideal over local ring”, *International Mathematical Forum*, Vol 7, No. 4 (2012), 183-188.
 11. Neelima Singh, Manoj Kumar: Adomian Decomposition Method for Solving Higher Order Boundary Value Problems, Published in *Mathematical Theory and Modeling* Vol 2, No 1 (2012)
 12. Manoj Kumar, Parul: A Recent Development of Computer Methods for Solving Singularly Perturbed Boundary Value Problems, Published in *International Journal of Differential Equations* Volume 2011, Article ID 404276, 32 pages doi:10.1155/2011/404276 (Hindawi Publication Journal).
 13. Manoj Kumar, Neha Yadav: Multilayer perceptrons and radial basis function neural network methods for the solution of differential equations: A survey. Published in *An International Journal “Computers and Mathematics with Applications”* Volume 62, Issue 10, November 2011, Pages 3796–3811 (**Elsevier Journal**)
 14. Manoj Kumar, Yogesh Gupta: B-spline Method for Solution of Linear Fourth Order Boundary Value Problem. Published in *An International Journal “Canadian Journal on Computing in Mathematics, Natural Sciences, Engineering and Medicine”* 2 (2011) 166–169.
 15. Yogesh Gupta, Manoj Kumar : A computer based numerical method for Singular Boundary Value Problem. Published in *An International Journal “International Journal of Computer Applications”* 30(1) (2011) 20-25.
 16. Yogesh Gupta, Pankaj Kumar Srivastava, Manoj Kumar: Application of B-spline to numerical solution of a system of singularly perturbed boundary value problems. Published in *An International Journal “Mathematica Aeterna”* 30(1) (2011) 20-25.
 17. Pankaj Kr Srivastava, Manoj Kumar: Numerical Treatment of Nonlinear Third Order Boundary Value Problem, Published in *An International Journal “Applied Mathematics”* 2 (2011) 959-964 (A Scientific Research Journal).
 18. Jaydev Dabas, Archana Chauhan and Mukesh Kumar: Existence of the Mild Solutions for Impulsive Fractional Equations with Infinite Delay, *International Journal of Differential Equations*, Volume 2011 (2011), Article ID 793023, 20 pages doi:10.1155/2011/793023.
 19. Anand Shukla. P. Singh & A. K. Singh, A Recent Development of Numerical Methods for Solving Convection-Diffusion Problems, *Applied Mathematics* , 2011; 1(1): 1-12, doi: 10.5923/j.am.20110101.01.
 20. Anand Shukla. P. Singh & A. K. Singh, A Comparative Study of Finite Volume Method and Finite Difference Method for Convection-Diffusion Problem, *American Journal of Computational and Applied Mathematics* 2011; 1(1): 1-7, DOI: 10.5923/j.ajcam.20110101.02.
 21. Pitam Singh, Shiv Datt Kumar and R. K. Singh, Fuzzy Multi-objective optimization for Linear Plus Linear Fractional Programming Problem: Approximation and Goal Programming Approach, *International Journal of Mathematics and Computers in Simulation*, **5(5)**, 395-404, 2011.
 22. Pankaj Srivastava & Anwar Jahan Wahidi: A Note on Hikami's Mock Theta Function, *Int. Journal of Math. Analysis*, Vol.5, 2011, no.43, 2103-2109.

III. RESEARCH PAPERS PRESENTED IN THE CONFERENCES:

- 1 Shivendu Mishra, Rajeev Anand Sahu, Sahadeo Padhye and R.S. Yadav, *An ID-Based Signature Scheme From Bilinear Pairing Based on k-plus Problem*. Proceeding of IEEE 3rd International Conference on Electronics Computer Technology (ICECT 2011), pp. 104-107, 2011. April 8-10, 2011 Kanyakumari India.
- 2 Shivendu Mishra, Rajeev Anand Sahu, Sahadeo Padhye and R.S. Yadav, *Efficient ID-Based Multy-Proxy Signature Scheme From Bilinear Pairing Based on k-plus Problem*. First International Conference on Integrated Computing Technology (INTECH'11) Federal University of Sao Carlos, Brazil May 29-June 01, 2011. Proceeding published by CCIS Series Vol. 165, pp. 113–122, 2011, Springer-Verlag 2011.
- 3 Namita Tiwari & Sahadeo Padhye, *New Proxy Signature Scheme with Message Recovery Using Verifiable Self-Certified Public Keys*. Proceeding of IEEE International Conference on Computer & Communication Technology ICCCT-2011, pp. 539-544. Sept. 15-17, 2011. MNNIT, Allahabad, India.
- 4 Rajeev Anand Sahu & Sahadeo Padhye, *Efficient ID-Based Signature Scheme from Bilinear Map*, International Conference on Parallel, Distributed Computing Technologies and Applications (PDCTA-2011) Tirunelveli, Tamil Nadu, India. September 23-25 2011. Proceedings published by CCIS Series Vol. 203, pp. 301-306 Springer-Verlag 2011
- 5 Namita Tiwari & Sahadeo Padhye, *An ID-based Designated Verifier proxy signature scheme without bilinear pairings*. Proceeding of 5th Indian International Conference on Artificial Intelligence (IICAI-11), pp. 756-768, 2011. Dec. 14-16, 2011. Siddaganga Institute of Technology, Tumkur India.
- 6 Namita Tiwari & Sahadeo Padhye, *An ID-based proxy multi signature scheme without bilinear pairings*, International Conference on Security Aspects in Information Technology, High-Performance Computing and Networking , Oct. 19-22, 2011, Haldia Institute of Technology, Haldia, India. InfoSecHiComNet 2011, LNCS, Vol. 7011, pp. 83–92, 2011, M. Joy et al (Eds). Springer-Verlag Berlin Heidelberg 2011.
- 7 Navaneet Ojha Sahadeo Padhye, *Generalization of Weger's Attack*, The International Conference on Informatics Engineering & Information Science, University Technology Malaysia, Malaysia Nov. 14-16, 2011. ICIEIS 2011, Part I CCIS Vol.251 pp. 141-150, 2011. Springer-Verlag 2011.
- 8 Rajeev Anand Sahu & Sahadeo Padhye, *New ID-Based Proxy Multi Signature From Pairing*. The International Conference on Informatics Engineering & Information Science, University Technology Malaysia, Malaysia Nov. 14-16, 2011. ICIEIS 2011, Part I CCIS Vol.251 pp. 174-184, 2011. Springer-Verlag 2011.
- 9 Namita Tiwari & Sahadeo Padhye, *Security Analysis of Proxy Blind Signature Scheme based on Factoring and ECDLP*, The Second International Conference on Computer Science and Technology, Jan. 2-4, 2012, Bangalore, India. CCSIT 2012, Part II, LNICST 85, pp. 100–108, 2012 Springer-Verlag Berlin Heidelberg 2011.
- 10 Priti Singh, Shiv Datt Kumar, The Rees algebra of a module and ideal module over a notherian local ring, International Conference on Computational Mathematics, Computational Geometry and Statistics, Singapore, during Jan 30-31, 2012 (Presented by Priti Singh).
- 11 Srinivasrao Thota, Shiv Datt Kumar, Om a new symbolic Method for solving linear boundary value problems via non-commutative Grobner Basis, International conference on Advanced Electrical and computer Engineering, 2011 ar Eternel University, Baru Sahib, H.P.(Presented by Srinivasrao Thota).

12. Anand Shukla , P. Singh, A STUDY OF CONVECTION-DIFFUSION PROBLEMS AND FINITE VOLUME METHOD, International Conference on Advances in Modeling, Optimization and Computing (AMOC - 2011) (December 5 - 7, 2011), IIT, Roorkee (Presented by Anand Shukla).

IV. CONFERENCES/WORKSHOPS PARTICIPATION:

1. Dr Sahadeo Padhye participated the *First International Conference on Integrated Computing Technology (INTECH'11)* May 29-June 01, 2011. Federal University of Sao Carlos, Brazil.
2. Dr Sahadeo Padhye participated the *International Conference on Informatics Engineering & Information Science*, University Technology Malaysia, Kuala Lumpur, Malaysia Nov. 14-16, 2011.
3. Dr Shiv Datt Kumar participated and gave an invited talk on "Braid group and Thomson group based Cryptosystem" in an International conference on "Group Theory and Lie Theory", at Harish-Chandra Research Institute, Allahabad during March 19-21, 2012.
4. Dr Shiv Datt Kumar participated in the International Conference on "Commutative Algebra and Algebraic Geometry (CAAG-2012)" at the University of Pondicherry, Pondicherry during March 5-9, 2012.
6. Dr Manoj Kumar participated Sixth International Conference on Dynamic Systems and Applications during May 25-28, 2011, Atlanta, Georgia, USA.
7. Dr Manoj Kumar participated International Conference on "Mathematical Biology", organized by Department of Mathematics, Indian Institute of Science Bangalore during July 04 - 07, 2011
8. Dr Manoj Kumar participated 7th International Congress on Industrial and Applied Mathematics - ICIAM 2011, during July 18-22 at Vancouver, BC, Canada.
9. Dr Manoj Kumar participated 16th Annual and 2nd International Conference of GAMS & 2nd International Conference on Bioinformatics of IFIP-TC5 at Goa India during September 22-25, 2011.
10. Dr Manoj Kumar participated 26th Annual Conference of Ramanujan Mathematical Society organized by Department of Mathematics, University of Allahabad during October 2-5, 2011.

V. INVITED LECTURES/TALK DELIVERED :

1. Dr Sahadeo Padhye delivered a Talk on "*RSA Public Key Encryption Algorithm*" in the National Workshop on "Recent Trends in Graph Theory and Cryptography" October 11-13, 2011 at Govt. V.Y.T.P.G. Autonomous College, Durg (Chhattisgarh), India.
2. Shiv Datt Kumar, delivered an invited talk on "Braid group and Thomson group based Cryptosystem" in an International conference on "Group Theory and Lie Theory", at Harish-Chandra Research Institute, Allahabad during March 19-21, 2012.
3. Shiv Datt Kumar, delivered an invited talk on "Cryptosystem based on braid group and Thomson group" in a National workshop on "Recent trends in Graph Theory and Cryptography", at Govt VYT PG Autonomous College, Durg (Chhattisgarh) on October 13, 2011.
4. Shiv Datt Kumar, delivered an invited talk on "Applications of Mathematics and Cryptography" as a resource person in a training programme/workshop of HRD Ministry, Hindi Shabdawali Ayog, at Janta Degree College, Bakewar, Etawa on September 30, 2011.
5. Shiv Datt Kumar, delivered invited talks (7 lectures) as a resource person in a DST workshop (UGTPM) at **IIT, Patna** during May 15-20, 2011.
6. Dr Manoj Kumar delivered a talk on "Adomian Decomposition Method for Solving Higher Order Boundary Value Problems" in Sixth International Conference on Dynamic Systems and Applications during May 25-28, 2011, Atlanta, Georgia, USA.

7. Dr Manoj Kumar delivered a talk on "Boundary Value Problems: Third and fourth order" in 7th International Congress on Industrial and Applied Mathematics - ICIAM 2011, during July 18-22 at Vancouver, British Columbia, Canada.

VI. RESEARCH PROPOSAL APPROVED IN SESSION 2010-2011:

1. DST (Department of Science and Technology), Govt of India, sanctioned a research project "Graded modules over rings graded by finitely generated Abelian groups" in 2011 submitted by Dr Shiv Datt Kumar (PI).
2. Research project entitled "Finite Element Approximation and Computer Implementation for Non-Linear Elliptic Singular Perturbation Problems with Engineering Applications" Sponsored by CSIR. Submitted by Dr Manoj Kumar (PI)

VII. WORKSHOP/ LECTURE SERIES ORGANIZED BY MATHEMATICS DEPARTMENT

1. A lecture series of Professor Raja Sridharan, TIFR, Mumbai was organized by the Mathematics Department during October – November, 2011 (Coordinator Dr Shiv Datt Kumar).
2. Workshop on course curriculum development of Mathematics for B.Tech and M.Sc. (Mathematics & Scientific Computing) was organized by the Mathematics Department on March 24, 2012 (Coordinator Dr Shiv Datt Kumar).
3. A special lecture on "Information Measures of Fuzzy Matrix and Fuzzy Binary Relation" by Professor D. S. Hooda former Pro-Vice Chancellor of Kurukshetra University was organized on March 06, 2012 (Coordinator Dr Manoj Kumar)

VIII. OTHER ACHIEVEMENTS:

Worked as a reviewer in the following journals -

1. Dr Sahadeo Padhye worked as a reviewer of International Journal of Network Security, Mathematical and Computer Modelling, Maejo International Journal of Science and Technology, International Journal of Communication System, IEEE Communication letter
2. Dr Shiv Datt Kumar worked as a reviewer of International Journal of Information Technology & Decision Making
3. Dr Manoj Kumar worked as a reviewer of International Journal of Computer Mathematics, Computers and Mathematics with Applications, Applied Numerical Mathematics, Journal of Applied Mathematics and Computing, Journal of Indonesian Mathematical Society, Applied Mathematics and Computation, Numerical Algorithms, Communications in Nonlinear Science and Numerical Simulations

10.11 DEPARTMENT OF MECHANICAL ENGINEERING

I. LIST OF Ph.D. THESIS SUPERVISED:

S.No.	Name of student	Title of Thesis
1.	M. K. Khurana	Information sharing in Supply Chain Management of Indian Industries
2.	Gyanendra Kumar Singh	Electrical Discharge Diamond Face Grinding (EDDFG)-Development, Modeling and Optimization

II. LIST OF M. TECH. THESIS COMPLETED:

S. No.	Title	Name of the students	Reg. No.	Name of the supervisor
1.	Conversion of Unorganized of Free From Surfaces	Dharmendra Choudhary	2010CC012	Er.Vandana Agarwal
2.	Nature of Variation of Interphase Properties in Polymer Nanocomposites	Gaurav Pant	2010CC017	Dr.R.K.Patel
3.	Dynamic Analysis of Active Magnetic Bearings	Swati Sachan	2010CC02	Dr. P.K.Agarwal
4.	Numerical Studyof Effect of Die Parameters and Back Pressure in Equal Channel Angular Pressing (ECAP)	Praveen Jhanwar	2010CC03	Dr.K.N.Pandey
5.	Zero Energy Building Design	Sunil Kumar Sharma	2010CC04	Dr. Ravi Prakash
6.	Component Sizing and performance evaluation of a Turbofan Engine at its Design Condition	Jain Anshul Ashok	2010CC06	Prof. V.K. Nema
7.	Optimization Design of Active Magnetic Bearings	Mohit Jain	2010CC08	Dr.P.K.Agarwal
8.	Modeling and Analysis of Piezoelectric Sensor with Energy Harvesting In Matlab Simulink Environment	Adarsh Choudhary	2010CC09	Dr. Rajeev Srivastava
9.	Construction of Triangulated Model for Unorganized Data Points	Mayank Chouksey	2010CC10	Er. Vandana Agrawal
10.	Impact Analysis on Composite Structure made of Ceramic and Dyneema	Bhavsar Pritesh Prakash	2010CC11	Dr. K.N. Pandey
11.	Measure of Value of Information Sharing in an Inventory System in a Supply Chain	Preeti Tiwari	2010CC13	Prof.P.K.Mishra

12.	Role of HVOF Sprayed coating of WC-CO-CR, NiCrSiB on slurry erosion wear of AISI 304 & 316 Substrates	Santosh Kumar	2010CC14	Dr.S.B.Mishra
13.	An Integrated Model of Entrepreneurial Intentions of Indian Engineering Management Students	Ramniwas Singh	2010CC15	Dr. S.K.Poddar
14.	A Novel PI control Strategy to Control Turbocharged Diesel Engine	Parameshwara rao Vemuloori	2010CC19	Dr. Samer Saraswati
15.	Selection of Welding Parameters of Gas Metal Arc Welding For better penetration using Taguchi Approach	Ajay Kumar Gautam	2010CC20	Dr.M.K.Khurana
16.	Investigations on Slip Resistance of Floorings and Abrasive Wear Behaviour of Aluminum Alloys	Saurabh Kumar	2010DN01	Dr. H.S.Goyal
17.	Modeling & Simulation of Condenser For Multicomponent Vapor Mixture	Vivek Kumar Singh	2010DN011	Dr.M.Siraj Alam
18.	Three Dimensional Thermal Finite Element Simulation of Electro-Discharge	Balaji PS	2010DN016	Prof. Vinod Yadava
19.	Modeling and Parameter Study Of Performance Of Plate Type Heat Exchanger	Punit Kumar Dubey	2010DN019	Prof. R.K.Srivastava
20.	Study of Combined Vapor Absorption & Compression Refrigeration System	Tarun Gupta	2010DN02	Dr.Ravi Prakash
21.	Agent Based Simulation of Multiple-Load Automated guided Vehicle system	Abhijit Roy	2010DN020	Dr.Venkateswara Rao Komma
22.	Thermodynamics analysis and sizing of the engine component of a Ramjet Aircraft engine	Abhishek Rajwanshi	2010DN03	Dr.V.K.Nema
23.	Modeling of Residual Stresses and Warpage in Fibre Reinforcement Polymer in Autoclave Process	Abid Hussain	2010DN08	Dr. D.K.Shukla
24.	Optimal Heating for Combined Power and Cooling Cycle	Ashutosh Prajapati	2010DN12	Dr. Ravi Prakash
25.	Design Optimization of Recuperator for microturbine	Vastuti Rao Gautam	2010DN14	Er.Vandana Agarwal
26.	Theory of Planned Behavior as Applicable to Entrepreneurship by Indian Engineering and Management Students	Harish Kumar Sharma	2010DN15	Dr. S.K.Poddar
27.	Modeling and Simulation of Stationary Concentric Heat Pipe	Subhash Patel	2010DN18	Dr. V.R. Komma

28.	Fatigue Life Estimation of Epoxy Alumina Polymer Nanocomposite	Vineet Kumar	2010DN24	Dr. D.K. Shukla
29.	Molecular Dynamics Simulation of Polymer Nanocomposites	Udit Goyal	2010PD01	Dr. R.K. Patel
30.	CFD Analysis of Fluid Flow Inside A Pent –Roof Combustion Chamber With Different Inlet Valve Profiles	Ananthakrishna K	2010PD013	Dr.Samir Saraswati
31.	CFD Analysis of Fluid Flow Inside A Pent –Roof Combustion Chamber With Different Piston Shapes	Manikandan M	2010PD05	Dr.Samir Saraswati
32.	Investigation on Solid Particle Erosion Behavior of Some Steels	Aazad Hussain.A	2010PD07	Dr.H.S.Goyal
33.	Analytical and Numerical study of Thermal Failure of Thermal Barrier Coatings	Anish Kumar	2010PD10	Dr.K.N.Pandey
34.	Design Optimization of Foundation of Cantilever Structures Based on Live Structures	Heerendra Singh	2010PD11	Prof. A.D.Bhatt
35.	Some investigation on Stress Concentration in heterogeneous objects	Khushboo Agarwal	2010PD12	Prof. A.D.Bhatt
36.	“An ISM approach to some aspects of Mobile Commerce”	Rahul Agrahari	2010PD14	Er. Manish Gupta
37.	Oxidation and Corrosion performance of Superalloy and Thermal spray coatings	Vinay Kumar sahu	2010PR01	Dr.S.B.Mishra
38.	Modeling and Optimization of Laser Trepan Drilling of difficults – to-laser –cut Materials	Sanjay Kumar	2010PR010	Dr.A.K.Dubey
39.	Finite Element Modeling and Optimization of Higher Efficiency Deep Surface Grinding For Temperature And Metal Removal Rate	Dharam Pal Singh	2010PR014	Er.Audesh Narayan
40.	Modeling and Optimization of Creep Feed Surface Grinding For Temperature and MRR	Ram Rakesh singh	2010PR017	Er.Audesh Narayan
41.	Mitigation of risk in Supply Chain Management	Girish Gupta	2010PR02	Prof.P.K.Mishra
42.	Role of Buyer-Supplier Relationship and Trust in Organizational performance	Inayatullah	2010PR03	Prof.Rakesh Narayan
43.	Optimization Of Supply Chain Scheduling with Dual Delivery Modes and Inventory Storage Cost	Kamendra singh	2010PR04	Prof.P.K.Mishra

44.	Mechanical Properties Characterization of CNT Reinforced Polymer Composites Using Materials Studio and Dynamic Mechanical Analyser	Dinesh Kumar	2010PR05	Dr. S. B. Mishra
45.	Attitude of Indian Engineering And Management Students	Manoj Kumar	2010PR06	Dr.S.K.Poddar
46.	Development and Experimental Study of Milling Electrochemical Spark Micromaching	Sunkavalli Venkata Viswanadh	2010PR07	Prof.Vinod Yadava
47.	Intelligent Modeling and optimization of Laser cutting process	Arvind Kumar Chaudhary	2010PR11	Dr.A.K.Dubey
48.	Parameter optimization and ANN modeling of Electric Discharge Diamond Grinding	Ashish srivastava	2010PR13	Dr.A.K.Dubey
49.	Knowledge Sharing Barriers An Interpretive Structural Modling Approach	Neha	2010PR16	Prof. M.D. Singh
50.	Evaluation of Barriers to E-procurement in Indian Manufacturing Industry	Vishal Sharma	2010PR18	Dr.M.K.Khurana
51.	Modeling of Specific Energy Requirment in deep	Promod Kumar Yadav	2010PR20	Er.Audesh Narayan
52.	Modeling the Knowledge Sharing Barriers of ISM and AHP	Alok Kumar	2010PR21	Prof. M.D. Singh
53.	Fracture Behavior of Viscoelastic Material	Varun Chabra	2010PR22	Dr.R.K.Patel
54.	Synthesis and Characterization of Fracture Property of Epoxy Alumina Nanocomposites	Pankaj Sonia	2010PR24	Dr. D.K. Shukla
55.	Driver Fatigue- Vehicle characteristics- Investigations & Suggestions	Anshul Kumar Panchbhaiya	2010DN17	Dr. H S Goyal
56.	Optimization of Cutting tool temperature and tool wear with its Experimental Validation	Narendra Kumar	2010PR02	Dr. Rajeev Srivastava

III. PUBLICATIONS IN INTERNATIONAL JOURNALS:

1. H. S. Goyal, A. P. Harsha, "Investigation on three body abrasive wear of ferritic steels, austenitic steel and low carbon steel" Sunil B Wesley, Proceedings of the Institution of Mechanical Engineers, Part J, Journal of Engineering Tribology Volume 226 Issue 2 February 2012, Pages 163-173
2. Sunil B Wesley, H S Goyal, S C Mishra , " Corrosion Behaviour of Ferritic Steel, Austenitic Steel and Low Carbon Steel Grades in Sugar Cane Juice", Journal of Materials & Metallurgical Engineering Volume 2, Issue 1, April 2012, Pages 9-22

3. A. Narayan and Vinod Yadava, Investigation of Temperature Distribution in the Workpiece during Creep-Feed Surface Grinding using FEM, *Journal of Materials and Manufacturing*, (accepted, Dec-2011).
4. S. K. S. Yadav, and Vinod Yadava, Simultaneous optimization of multiple quality characteristics in electrical discharge diamond cut-off grinding (EDDCG), *Applied Mechanics and Materials*, Vol. 110-116, pp. 250-257, (2012), Online Oct-2011.
5. G.K. Singh, Vinod Yadava and R. Kumar, Robust Parameter Design and Multi-Objective Optimization of Electro-Discharge Diamond Face Grinding of HSS, *International Journal of Machining and Machinability of Materials*, Vol. 11, No. 1, pp. 1-19, (2012). Online Jan-2012
6. Amit Sharma, Vinod Yadava, Modelling and Optimization of Cut Quality during Pulsed Nd: YAG Laser Cutting of Thin Al-alloy Sheet for Straight Profile, *Optics and Laser Technology*, Vol. 44, No. 1, pp. 159-168, (2012), Online Jul-2011.
7. G. K. Singh, Vinod Yadava and R. Kumar, Study of the parameters in electro-discharge diamond face grinding through response surface methodology approach, *Applied Mechanics and Materials*, Vol. 110-116, pp. 847-855, (2012), Online Oct-2011.
8. Mohan Charan Panda and Vinod Yadava, Intelligent Modeling and Multi-Objective Optimization of Sinking Electro-Chemical Spark Machining using ANN and GRA, *Materials and Manufacturing Processes*, Vol. 27, No. 1-3, pp. 10-25, (2012), Online Jun-2011.
9. Amit Sharma, Vinod Yadava, Optimization of Cut Qualities during Pulsed Nd: YAG Laser Cutting of SUPERNI 718 Thin Sheet for Straight Profile, *International Journal of Manufacturing Technology and Management*, Vol. 24, No. 1-4, pp. 108-123, (2011).
10. Amit Sharma, Vinod Yadava, Optimization of Cut Quality Characteristics during Nd: YAG Laser Straight Cutting of Ni-Based Superalloy Thin Sheet using Grey Relational Analysis with Entropy Measurement, *Materials and Manufacturing of Processes*, Vol. 26, No. 12, pp. 1-8, (2011).
11. S. K. S. Yadav, and Vinod Yadava, Neural Network Modeling and Multi-Objective optimization of Electrical Discharge Diamond Cut-off Grinding (EDDCG), *International Journal Abrasive Technology*, Vol. 4, No. 4, pp. 346-362, (2011).
12. U. D. Gulhane, S. B. Mishra, P. K. Mishra, Enhancement of Surface Roughness of 316L Stainless Steel and Ti-6Al-4V using Low Plasticity Burnishing: DOE Approach, *International Journal of Mechanical Engineering & Technology*, (IJMET), Volume 3 Issue 1 January- April (2012), pp. 150-160.
13. Arun Kumar Pandey and Avanish Kumar Dubey, Simultaneous optimization of multiple quality characteristics in laser cutting of Titanium alloy sheet, *Optics and Laser Technology*, 44, 1858-1865, 2012.
14. Arun Kumar Pandey and Avanish Kumar Dubey, Neuro Fuzzy Modeling of Laser Beam Cutting Process, *Applied Mechanics and Materials*, 110-116, 4109-4117, 2012.
15. Arun Kumar Pandey and Avanish Kumar Dubey, Taguchi based fuzzy logic optimization of multiple quality characteristics in laser cutting of Duralumin sheet, *Optics and Lasers in Engineering*, 50, 328-335, 2012.
16. Manish Gupta and Rakesh Narain (2012), "A survey on supplier relationship in E-Procurement in Indian organisations", *International Journal of Logistics Systems and Management*, Vol. 12, No. 1, pp.89-121.
17. Manish Gupta and Rakesh Narain (2012), "A study on usage of IT and its implications on E-Procurement in Indian organisations", *International Journal of Business Information Systems*, Vol. 10, No. 2, pp.222-244.

18. Manish Gupta and Rakesh Narain (2012), "A study on some aspects of E-Procurement in Indian organizations", *Advanced Materials Research*, Vol. 433-440, pp.1612-1619.

IV. PUBLICATIONS IN NATIONAL JOURNALS

1. Amit Sharma, Vinod Yadava, Study on Kerf Taper and Surface Roughness in Nd: YAG Laser Beam Cutting Based on Taguchi Method, *Journal of Manufacturing Engineering*, Vol. 6, No. 2, pp. 93-98, (2011).

V. PUBLICATIONS IN INTERNATIONAL CONFERENCES:

1. Mithilesh Kumar Dixit, S. B. Mishra, "Investigation of Elastic Modulus of Epoxy DGEBA cured with DETDA by Molecular Dynamics," Published in the Proc. of the 5th Int. Conf. on Advances in Mechanical Engg. (ICAME-2011) held at SVNIT, Surat From June 06-08, 2011.
2. Prem Pratap Jadon, S. B. Mishra, "Influence of Aspect Ratio and CNT Matrix Interphase in Carbon Nanotubes Reinforced Composites by using FEM," Published in the Proc. of the 5th Int. Conf. on Advances in Mechanical Engg. (ICAME-2011) held at SVNIT, Surat From June 06-08, 2011.
3. Rajesh Kumar Porwal, Vinod Yadava and J. Ramkumar, Multi-Objective Optimization of Hole Drilling Electro-Discharge Micromachining Process, *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 178-183, (2011).
4. S. Viswanadh , Vinod Yadava, Development of Desktop Milling-Electrochemical Spark Micromachining (MECSMM), *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 249-253, (2011).
5. Shyam Sunder Agarwal, Vinod Yadava, Artificial Neural Network Modeling of Electrical Discharge Diamond Surface Grinding (EDDFG), *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 265-269, (2011).
6. Ravindra Nath Yadav, Vinod Yadava and K. B. Judal, Machining of Metal Matrix Composites (MMCs) using Simultaneous Influence of Abrasion and Spark Erosion: A Combined Approach, *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 353-358, (2011).
7. Smita Gupta, Vinod Yadava, Sanjay Mishra and Amit Sharma, "Finite Element Analysis of Laser Beam Bending in Ultra Thin Aluminium Foil", *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 420-423, (2011)..
8. Sanjay Mishra and Vinod Yadava, FEM Modeling for Laser Beam Percussion Drilling of Aluminium, *Proceedings of the 7th International Conference on Precision, Meso, Micro and Nano Engineering*, Pune, pp. 474-478, (2011).
9. Rupesh Goyal, A. K. Dubey and P. K. Mishra, Fuzzy modeling of recast layer formation in laser trepan drilling of superalloy sheet, *Proceedings of the 5th International Conference on Advances in Mechanical Engineering (ICAME)*, S.V.National Institute of Technology, Surat, June 06-08, 2011, pp. 696-700.
10. Pankaj Kumar Shrivastava and Avanish Kumar Dubey, Intelligent Modeling of Surface Roughness during Diamond Grinding of Advanced Ceramics, *Proceedings of World Congress on Engineering 2011 (International Conference of Manufacturing Engineering and Engineering Management)*, London, UK, July 06-08, 2011, Vol. 1, pp. 825-830.

11. Rupesh Goyal and Avanish Kumar Dubey, Optimization of recast layer thickness in laser trepan drilling of superalloy sheet, Proceedings of the International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-7), College of Engineering, Pune, December 10-11, 2011, pp. 299-303.
12. Arun Kumar Pandey and Avanish Kumar Dubey, ANN modeling of kerf width in pulsed laser cutting of duralumin sheet, Proceedings of the International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-7), College of Engineering, Pune, December 10-11, 2011, pp. 283-288.

VI. PUBLICATIONS IN NATIONAL CONFERENCES:

1. S. S. Agarwal and Vinod Yadava, Artificial Neural Network Modeling of Electrical Discharge Diamond Surface Grinding (EDDSG) for Al-15wt.% SiCp Metal Matrix Composite”, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 268-273, (March 15-16,2012).
2. D. K. Pathak, Vinod Yadava and K.B. Judal, Development of Vibration Assisted Cylindrical-Magnetic Abrasive Machining Setup, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 274-278, (March 15-16,2012).
3. P.S.Balaji and Vinod Yadava, Three Dimensional Numerical Simulation of Electro Discharge Diamond Surface Grinding (EDDSG), Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 310-315, (March 15-16,2012).
4. Deependra Singh, Piyush Bardia, Mohamed Iqram, Gautam Gupta, Mayank Sinha, Akshay Agarwal and Vinod Yadava, Development of Electrochemical Micromachining (ECMM) Setup, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 316-321, (March 15-16,2012).
5. Ravindra Nath Yadav and Vinod Yadava, Review on Electrical Discharge Diamond Grinding: A Hybrid Machining Process, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 322-330, (March 15-16,2012).
6. S.V. Viswanadh and Vinod Yadava, Machining of slots and channels by using Milling-Electrochemical Spark Micromachining (MECSMM), Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 331-333, (March 15-16,2012).
7. Sanjay Mishra and Vinod Yadava, Prediction of Hole Radius and Material Removal Rate due to Single Pulse Laser Beam Drilling using Finite Element Method, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 334-338, (March 15-16,2012).
8. B.K. Bhuyan and Vinod Yadava, Development of Traveling Wire Electro-Chemical Spark Machining (TW-ECSM) Setup, Proceedings of the 3rd National Conference on Advances in Manufacturing Technology, Chandigarh, pp. 339-343, (March 15-16,2012).
9. Mohd Avesh, Rajeev Srivastava, Modeling Simulation and Control of Active suspension system in Matlab SimulinkTM environment” IEEE International Conference of Engineering and systems (SCES2012). March 16-18, 2012.
10. Adarsh Choudhary, Rajeev Srivastava, “Modeling of piezoelectric actuator for vibration conditioning in Matlab SimulinkTM environment”, National Conference on Advances in Mechanical Engineering and Emerging Technologies (AMEET) KNIT Sultanpur, India, April 7-8, 2012.
11. Narender Kumar, Rajeev Srivastava, “Optimization of cutting tool parameter for chip toll interface temperature in turning of mild steel using Taguchi method”, National Conference on Advances in

Mechanical Engineering and Emerging Technologies (AMEET) KNIT Sultanpur, India, April 7-8, 2012.

12. Manish Dixit, Rajeev Srivastava, “Mechatronic control of water level in overhead tank”, National Conference on Advances in Mechanical Engineering and Emerging Technologies (AMEET) KNIT Sultanpur, India, April 7-8, 2012

VII. BOOKs / BOOK CHAPTERS AUTHORED: NIL

VIII. SEMINARS/CONFERENCES/WORKSHOPS ATTENDED: NIL

IX. RESEARCH PROJECTS:

Funding Agency	Title of Project and Reference number	Duration	Amount (Rupees)	Principal Incestigator/ Co-Investigator
CSIR, New Delhi	Experimental and Numerical study of Traveling wire Electro-Chemical Spark Machining of Advanced Engineering Materials No. 22(0486)/09/EMR-II	03 years (From 01/10/2009 to 30/09/2012)	8,51,000	Vinod Yadava
Aeronautics R&D Board, New Delhi (Co-PI)	Electro-Discharge Diamond Grinding: Development and Optimization No. (DRDO/08/2031574/M/I)	03 years (From 18/07/2011 to 17/07/2014)	27,18,500	Vinod Yadava

X. INVITED LECTURES PRESENTED:

1. Vinod Yadava, “Topic of Lecture”, A keynote lecture delivered at 3rd National Conference on Advances in Manufacturing Technology, held at National Institute of Technical Teachers’ Training and Research, Chandigarh (March 15,2012).
2. Vinod Yadava, “Topic of Lecture”, An Expert Lecture in a Short Term School on Micromanufacturing held at Indian Institute of Technology, Kanpur during September 30-October 4, 2011.

10.12 DEPARTMENT OF PHYSICS

I. PUBLICATIONS IN INTERNATIONAL & NATIONAL JOURNALS:

1. N.G. Pramod, S.N. Pandey and P.P. Sahay (2012) “Structural, optical and methanol sensing properties of sprayed In_2O_3 nanoparticle thin films” *Ceramic International* doi:10.1016/j.ceramint.2012.01.075.
2. C.S. Prajapati and P.P. Sahay (2012) “Effect of precursors on structure, optical and electrical properties of chemically deposited nanocrystalline ZnO thin films” *Applied Surface Science*, Vol. 258, p. 2823– 2828.
3. R.K.Mishra and P.P. Sahay (2012) “Synthesis, characterization and alcohol sensing property of Zn-doped SnO_2 nanoparticles” *Ceramic International*, doi:10.1016/j.ceramint.2011.10.081.
4. C.S. Prajapati and P.P.Sahay (2011) “Alcohol-sensing characteristics of spray deposited ZnO nanoparticle thin films” *Sensors and Actuators B: Chemical*, Vol. 160, p. 1043-1049.
5. C.S.Prajapati and P.P.Sahay (2011) “Studies on metal-oxide semiconductor ZnO as a hydrogen gas sensor” *J. Nano-Electron. Phys.*, Vol. 3, p. 714-720.
6. P.P.Sahay, R.K.Mishra, S.N.Pandey, S.Jha, M.Shamsuddin (2011) “AC transport properties of nanocrystalline SnO_2 semiconductor” *Ceramic International*, Vol. 38, p. 1281-1286.
7. C.S. Prajapati and P.P.Sahay (2011) “Growth, structure and optical characterization of nanostructured Al-doped zinc oxide thin films” *Crystal Research & Technology*, Vol. 46, p. 1086-1092.
8. C.S.Prajapati, S.N.Pandey and P.P.Sahay (2011) “Sensing of LPG with nanostructured zinc oxide thin films grown by spray pyrolysis technique” *Physica B*, Vol. 406, p.2684-2688.
9. M Veis, E Lišková, R Antoš, Š Višňovský, Naresh Kumar, D S Misra, Venkataramani, S Prasad and R Krishnan “Polar and longitudinal magneto-optical spectroscopy of Bi:YIG films grown by pulsed laser deposition” *Thin Solid Films* 519 (22) 8041-8046 (2011).
10. Richa Bhargava, Prashant K. Sharma, Sanjeev Kumar, Avinash C. Pandey and Naresh Kumar “Raman investigations of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ nanocrystals: role of starting precursors on vibrational Properties”; *Journal of Raman Spectroscopy* 42(9) 1802-1807 (2011).
11. Richa Bhargava, Prashant K. Sharma, Amit K. Chawla, Sanjeev Kumar, Ramesh Chandra, Avinash C. Pandey, and Naresh Kumar “Variation in structural, optical and magnetic properties of $\text{Zn}_{1-x}\text{Cr}_x\text{O}$ ($x = 0.0, 0.10, 0.15,$ and 0.20) nanoparticles: role of dopant concentration on non-saturation of magnetization” *Materials Chemistry and Physics* 125 664–671 (2011).
12. M Bohra, Shiva Prasad, N. Venketaramani, Naresh Kumar, S.C. Sahoo and R. Krishnan “Narrow Ferromagnetic Resonance Linewidth Polycrystalline Zn-ferrite Thin Films” *IEEE Transaction on Magnetism* 47, 345 (2011).

II. PUBLICATIONS IN INTERNATIONAL & NATIONAL CONFERENCES:

1. C.S.Prajapati, S.N.Pandey and P.P.Sahay (2012) “Studies on structural and optical properties of In-doped ZnO nanocrystalline thin films” International Conference on Frontiers of Nanoscience, Nanotechnology and Their Applications at Punjab University, Chandigarh (February 15-18, 2012).
2. R.K.Mishra and P.P.Sahay (2012) “AC transport and acetone gas sensing properties of nanostructured SnO_2 semiconductor” International Conference on Nanoscience and Technology organized by International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad (January 20-23, 2012).

3. R.K.Mishra, S.N.Pandey and P.P.Sahay (2011) "Methanol gas sensing properties of Zn-doped SnO₂ nanoparticles" 4th National Conference on Nanomaterials and Nanotechnology at Lucknow University (Dec. 21-23, 2011).
4. C.S.Prajapati, S.N.Pandey and P.P.Sahay (2011) "Acetone sensor based on In-doped ZnO thin films" International Conference on Nanomaterials & Nanotechnology at University of Delhi (Dec. 18–21, 2011).
5. R.K.Mishra, S.B.Upadhyay and P.P.Sahay (2011) "High alcohol sensitivity in SnO₂ nanoparticles" 2nd International Conference on Advanced Nanomaterials and Nanotechnology at IIT Guwahati (Dec. 8-10, 2011).
6. Thermal effect on magnetic properties of Zn-ferrite nanoparticles due to cationic exchange 14th International Conference of International Academy of Physical Sciences December 22-24, 2011, Surat India [Invited Talk by Dr. Naresh Kumar].
7. Static and dynamic magnetic properties of sol-gel derived Zn-ferrite nanoparticles *IEEE International Magnetism Conference, April 25-29, Taipei* Taiwan (2011). [ORAL by Dr. Naresh Kumar]
8. Low temperature synthesis of monodispersed superparamagnetic Fe₃O₄ nanoparticle, International Conference on Advanced Materials (ICAM-2011) held at PSG College of Technology, Coimbatore during December 12-16, 2011. [Poster Presentation by Mr. Sushant Singh, Ph.D. Student]
9. Structural and multiferroic properties of (0.9)BiFe_{1-x}Cr_xO₃-(0.10)BaTiO₃ polycrystalline composite, International Conference on Materials for Advanced Technologies (ICMAT) held at Singapore between June 26th, 2011 to July 1st, 2011. [Oral Presentation by Mr. Mohit Sahni, Ph.D. Student.

III. RESEARCH PROJECTS:

1. Prof. P.P.Sahay: DST funded research project entitled '*Investigation of chemical gas sensors based on low cost thin films of metal-oxide semiconductors*' of amount **Rs. 18,84,400/-**.
2. Prof. P.P.Sahay: UGC funded research project entitled '*Synthesis and characterization of metal-oxide semiconducting nanostructures with appropriate doping for various applications*' of amount **Rs. 8,26,800/-**
3. Dr. Naresh Kumar: DST funded research project entitled "*Study of magnetodielectric effect in BaTiO₃/Fe₃O core/shell nanostructures*" of amount **Rs. 20,33,000/-**
4. Dr. Naresh Kumar: DST funded research project entitled "*Effect of magnetically assisted laser ablated plasmas on the growth and physical properties of oxide thin films for the novel applications*" of amount **Rs. 34,96,000/-**

IV. OTHER ACHIEVEMENTS:

1. Prof. P.P.Sahay served as Reviewers in the International Journals (Elsevier Publications) Sensors and Actuators B: Chemical; Materials Research Bulletin; Journal of Alloys and Compounds.
2. Dr. Naresh Kumar served as Reviewer in the Journal of Applied Physics.
3. Ms. Richa Bhargava awarded her Ph.D. degree entitled "Synthesis and Characterization of Undoped and Transition Metal Doped ZnO Nanostructures" under the supervision of Dr. Naresh Kumar.

10.13 SCHOOL OF MANAGEMENT STUDIES

I. LIST OF Ph D THESIS SUPERVISED

Awarded

1. Mr. Ashwani Kumar Upadhyay, 2011 on “Sales Technology Usage and Outcomes: A Model in the Indian Context”, Supervisor: Dr. Tanuj Nandan Submitted
2. Mr. Rajesh Tripathi on “Strategic Thinking, Technology Adoption and Competence Building: a Growth Mapping of Newspaper Industry in India”, Supervisor: Prof Geetika, submitted in August, 2011
3. Mr. Ashish Mohan Dubey on “Sustainable Competitive Advantage through ICT applications in Civil Aviation Industry in India”, submitted in November 2011, Supervisors: Prof Geetika and Dr Ganesh P Sahu, submitted in August, 2011
4. Mr Rameshwar Dubey on Role of “Soft Dimensions of TQM Implementation: A Study of Cement firms in India”, Supervisor: Dr Tripti Singh, submitted in April 2012

On-going

1. Mr Ashish Kumar Srivastava on Supplier Development, Supervisor: Prof. Geetika
2. Ms Anvita Gupta on Strategic Dimensions of Expatriate Management, Supervisor: Prof. Geetika
3. Nayana Dehingama on Survival strategy for Small Business in Hostile Environment (enrolled at Asian Institute of Technology Thailand), Supervisor: Prof. Geetika
4. Ms. Rachita Satyawadi on Restructuring of Public Sector Enterprises in India, Supervisors: Prof. Peeush Ranjan Agrawal and Dr Tanuj Nandan
5. Pramod Kr. Gupta on A Framework for Mapping Supply Chain Risks and Mitigation Strategies, Supervisor: Dr Tanuj Nandan
6. Mr. Vikas Kr. Choubey on A Financial Metrics Based Assessment of Supply Chain Performance, Supervisor: Dr Tanuj Nandan
7. Ms. Pooja Agrawal on Pricing Efficiency in Indian Derivatives Markets, Supervisor: Dr Tanuj Nandan
8. Ms Sonal Agarwal on Innovative HRM and Insurance Sector, Supervisor: Dr Tripti Singh
9. Ms Rupali Singh on Talent Management and Higher Education Industry, Supervisor: Dr Tripti Singh
10. Ms Gini Chawla on Industrial Relations in Banks, Supervisor: Dr Tripti Singh
11. Mr Vivek Tripathi on Impact Analysis of Micro Finance Institutions in India, Supervisors: Dr Tripti Singh and Dr Piyali Ghosh (State of Art completed)
12. Ms Udit Mukherjee on Diversity Management with Cultural Perspective: A Comparative Study of Indian and Foreign Multinational Companies in India, Supervisor: Dr Piyali Ghosh

II. PUBLICATIONS IN INTERNATIONAL JOURNALS

1. Geetika and Meenakshi Rishi (2012), ‘Promoting Entrepreneurship to Alleviate Poverty in India: An Overview of Government Schemes, Private Sector Programs, and Initiatives in the Citizens’ Sector’, *Thunderbird International Business Review*, Wiley USA, Volume 54, No 1, 2012, pp 45-58.
2. Geetika, Nandan, S., Ghosh P. (2011), ‘A Socio-cultural Perspective on Father-daughter Succession in Family Business in India’, in **Father-Daughter Succession in Family Business (ed)** Halkias, D., et al. (Eds.). Gower Publishing Limited, London, UK, pp 35-44.
3. Ashish Gupta and G P Sahu (2012), ‘A Literature Review and Classification of Relationship Marketing Research’, *International Journal of Customer Relationship Marketing & Management*, IGI-Global, USA, Vol. 3(1), pp 74-100

4. Prabir Panda, G P Sahu and F. Afzal (2012), 'Right to Education: Effective Use of ICT for Reaching out to Socially and Economically Weaker Sections in India', *International Journal of Research in Computer Application & Management* (ISSN 2231 - 1009), Vol. II (II).
5. Singh Tripti, Srivastav K Sumit Kumar, 'QWL and Organization Efficiency: A Proposed Framework, Journal of Strategic Human Resource Management', Vol 1, Issue 1, January, 2012, ISSN: 2277-2138, pp1-13.
6. Dhingra Tarun, Singh Tripti, Sinha Ambalika, 'SEZ (Special Economic Zone), in India: A Review of Macro Variables', IIMS Journal, Journal of IIM Shillong, Volume 2, Number 2, July-December 2011, pp185-196, www.IndianJournal.com
7. Singh Tripti, Agarwal Sonal, 'Establishing Linkages between Innovative Human Resource Management, Human Resource Value Creation and Organizational Performance : A Conceptual study', Research Journal Social Sciences and Management, Volume:01, Number:07, Nov-2011, www.internationaljournal.com, Singapore
8. Ghosh Piyali, Singh Tripti, Mukherjee Udit, Tripathi Neelohit, 'Job Satisfaction In Private Sector Banks in India, International Journal of India Culture and Business management (IJICBM), Inderscience Publications , Vol II, No. 5, 2011
9. Ghosh, P., Satyawadi, R., Joshi, J. P., Ranjan, R. and Singh, P. (2012), 'Towards More Effective Training Programmes: A Study of Trainer Attributes', *Industrial and Commercial Training*, Emerald Group Publishing Limited, Vol. 44 No. 4, pp. 194-202
10. Ghosh, P., Joshi, J. P., Satyawadi, R., Mukherjee, U. and Ranjan, R. (2011), 'Evaluating Effectiveness of a Training Programme with Trainee Reaction', *Industrial and Commercial Training*, Emerald Group Publishing Limited, Vol. 43 No. 4, pp. 247-255
11. Nandan, S. and Nandan, T. 'Perceived Learning from Faculty Development Programs for Faculty in Higher Education' (Accepted for Publication). *Journal of Learning*, Vol. 18. ISSN: 1447-9540
12. Tripathi V., Dwivedi P. (2012), 'Brand Architecture of Indian Hotels Company Limited: Perspectives and Strategies', *International Journal of Management and Computing Sciences (IJMCS)*, Vol. 2 No. 1 PP 34-45

III. PUBLICATION IN NATIONAL JOURNALS

1. Nandan, S., Samaddar, S.G., and Nandan, T. 'Determinants of Usefulness of Faculty Development Programmes in the Area of Business Management', *The Indian Journal of Technical Education*, Vol. 34 No. 3. (2010). 40-45. ISSN: 0971-3034.
2. Tripathi V., Nema, G., (2012) 'Measuring Service Quality in Indian Public Transport System: A Comprehensive Review', *Asia Pacific Marketing Review*, Vol.1 No. 1, pp 113-119
3. Tripathi V., Tandon A., Kumar A., (2011) 'Identifying New Organizational Offerings through User Experience: Case of Nokia N8', *Indian Journal of Business Administration*, Department of Business Administration, Jai Narain Vyas University, Jodhpur, Vol. 7, pp 91-102

IV. PAPERS PRESENTED IN INTERNATIONAL AND NATIONAL CONFERENCES

1. Geetika and Meenakshi Rishi (2011) 'Can Multi-sector Partnerships Promote Entrepreneurship and Alleviate Poverty? Case-based Evidence from India', presented at the International Conference of International Journal of Business and Economics, held at New Delhi, during December 19-20, 2011.
2. Geetika and Anvita Gupta (2011) 'Expatriate Mangers' Work Adjustment: A Study of Indian IT Professionals', presented at second IJAS Conference at Harvard University, 29 May to 2 June, 2011 and published in proceedings.

3. G P Sahu and Rajeev Srivastava (2011) 'A Literature Review and Classification of Green Computing Research' Presented in the 17th Americas Conference on Information Systems: AMCIS 2011 Detroit, MI, USA (<http://amcis2011.aisnet.org/>) during 04-07 August, 2011
4. Panda, P., Sahu, G.P., and Afzal, F. (2011). 'Right to Education: Effective Use of ICT for Reaching Out to Socially and Economically Weaker Sections in India'. *International Conference on Education Awareness for Social Sectors Issues in India (EASSII 2011)*, 24 Jul 2011, *TIMES Aligarh*
5. Singh Tripti, Singh Rupali, 'A Descriptive Enquiry of Talent Management for Intellectual Capital Development and Institution Building', 8th Global HR Summit, 2011, Amity University, New Delhi
6. Nandan, T. and Nandan, S. 'Perceived Learning from Faculty Development Programs for Faculty in Higher Education', at the Eighteenth International Conference on Learning, July 05-08, 2011, organized at the University of Mauritius, Reduit, Mauritius.
7. P Gupta, Rameshwar Dubey, Tripti Singh, 'TQM Strategy for Superior Business Performance: A Case Study', International Conference on Technology and Business Management, University of Wollongong, Dubai, March 26-28th 2012, Pg 651-67
8. Tripathi, V., 'Baskin - Robbins: Re-Positioning to Engage Consumers', in International Case Conference, IMT Nagpur, November 3 - 5, 2011.

V. BOOK PUBLICATION

1. Geetika, Ghosh, P. and Roy Choudhury, P. (2011). *Managerial Economics*, 2nd ed., Tata McGraw Hill, New Delhi, ISBN 978-0-07-026365-9

VI. PUBLICATIONS IN BOOK CHAPTERS

1. Tripathi, V., and Tandon, A., 'Revisiting Organizational Offerings – The Commercial Perspective of Experience' (2011) Edited Book 'Management Perspective: Emerging Trends and Leadership Challenges', Popular Book Depot, pp 240-244, ISBN 978-81-86098-06-6
2. Prof. Peeush Ranjan Agrawal, Tripathi V., Nandan S., Vegetable Supply Chain in the Ganga Basin of Uttar Pradesh: The Missing Links (2012) Edited book 'Rural India in the New Millennium' Asia Pacific Institute of Management, pp 175-189
3. Prof. Peeush Ranjan Agrawal, Tripathi V., Synthesis of Implications on FDI in Retail Business : Need of the Hour: (2011) Edited Book, 'Emerging Trends & Challenges in Management', Excel India Publishers, New Delhi, pp 333-340, ISBN 978-93-82062-09-7

VII. INVITED LECTURES

1. Prof. Peeush Ranjan Agrawal delivered Prof S P Singh Memorial Lecture, "20 Years, on Inception: FIIs' Impact on Indian Financial Market", Allahabad, June 17, 2012.
2. Prof. Peeush Ranjan Agrawal, Speaker "Business Restructuring: Creating Values in Global Era", United Institute of Management, GBT University, April 13, 2012.
3. Prof. Peeush Ranjan Agrawal delivered Expert Lecture, Noida Institute of Engineering and Management, GBT University, April 5, 2012.
4. Prof. Peeush Ranjan Agrawal, Key Note Speaker and Chaired, "Services in Emerging Economies: The Road Ahead", United College of Engineering & Management, GBT University, March 25, 2012.
5. Prof. Peeush Ranjan Agrawal, Key Note Address on "Union Budget 2012-13", Bioved Research Institute of Agriculture & Technology, Allahabad, March 17, 2012.
6. Prof. Peeush Ranjan Agrawal, Expert Lecture, "Symposium on Union Budget", School of Management Studies, Motilal Nehru National Institute of Technology, March 16, 2012.

7. Prof. Peeush Ranjan Agrawal, Expert Lecture, “Symposium on Union Budget”, Faculty of Law, Allahabad Degree College, University of Allahabad, March, 2012.
8. Prof. Peeush Ranjan Agrawal, Main Speaker, “Foreign Direct Investment (FDI) in Retail Business” Allahabad Management Association, March 3, 2012.
9. Prof. Peeush Ranjan Agrawal delivered Special Lecture, LD College, GBTU University, February 24, 2012
10. Prof. Peeush Ranjan Agrawal delivered Special Lecture, “Changing Horizons of Indian Business”, Department of Commerce & Business Administration, University of Allahabad, February 13, 2012.
11. Prof. Peeush Ranjan Agrawal delivered Special Lecture, “Symposium on NAAC: A Recapitulation”, Allahabad Degree College, University of Allahabad, February 12, 2012.
12. Prof. Peeush Ranjan Agrawal delivered, L.N. Mishra Memorial Extra Mural Lecture, “The Policy Shift in Interlocutory 4Ps FDI Test Model (IFM)”, L.N. Mishra Institute of Economic Development & Social Change, Patna , February 2, 2012.
13. Prof. Geetika delivered a lecture on “Business Plan Development” to the young executives from companies of Vietnam, on May 18, 2011 at Asian Institute of Technology Thailand.

VIII. EXTERNALLY FUNDED PROJECT

1. Dr Tripti Singh: Major Research Project sponsored by UGC, New Delhi on “Quality of Work Life; IT enabled Services Perspectives in India”, granted for a period of 3 years, completed in March, 2012.

IX. CONFERENCES/ WORKSHOPS ORGANIZED

1. Dr Tanuj Nandan convened the *Hindi Karyashala* (Two-Day Workshop) held on September 22-23, 2011 at MNNIT Allahabad
2. Dr Tanuj Nandan convened the Seminar on *Recent Inflation Dynamics in India*, August 13, 2011 at MNNIT Allahabad
3. Dr Tripti Singh Co-Convener, Workshop on “Business Etiquettes and Creative Decision Making”, held on 16 – 17 March, 2011, Co-Convener, Participated and Presented a Paper titled, ‘Micro Insurance as an Investment Option’, Conference on Economic Crises Management; Survival & Growth’, organised by SMS, Motilal Nehru National Institute of Technology, March 12-13, 2010
4. Dr. Piyali Ghosh Co-Convener of *Hindi Karyashala* (Two-Day Workshop) held on September 22-23, 2011 MNNIT Allahabad
5. Dr Vibhuti Tripathi convened the One day Seminar on ‘*Marketing: The Evolving Trends*’, September 20, 2011, School of Management Studies, MNNIT

X. OTHER ACHIEVEMENTS

1. Prof. Geetika nominated by Ministry of Human Resource Development, Government of India, to teach at Asian Institute of Technology Thailand as Visiting Professor for the term January 2012 to June 2012.
2. Prof. Geetika appointed as Adjunct Professor at Asian Institute of Technology Thailand for one year from June 2012-June 2013 to guide PhD theses.
3. Geetika, Tripti Singh & Vibhava Srivastava, Best Paper award (January 2012) by Indian Society for Training and Development HR Practices, Quality of Work Life and Organizational Efficiency: With Special Reference to IT-Enabled Service Sector in India, Indian Journal of Training and Development, vol 40 (3), pg` 1-10, 2010

4. Dr G P Sahu: Member, Programme Committee, Ninth International Conference on E-Governance (ICEG 2011), September 2011, Nirma University, Ahmedabad.
5. Dr G P Sahu: Secretary, International Congress of E-Government (www.iceg.net) (2005-till date)
6. Dr G P Sahu: Member, Advisory Board, Journal of Business and Finance, Department of Financial Studies, Faculty of Management Studies, Veer Bahadur Singh Purvanchal University, Jaunpur-UP, India.
7. Dr Tripti Singh attended Faculty Development programme on Structured Equation Modelling for Social Sciences Research, at FMS, BHU, 2-3rd March 2012.
8. Dr Tripti Singh attended One week Faculty Development programme on Management simulation organised by CAPSIM Ltd and IIM Kozikode, April 2011
9. Dr Piyali Ghosh: Member of Editorial Board of Journal of Management and Sustainability, published by Canadian Center of Science and Education, Toronto, Canada
10. Dr Piyali Ghosh: Guest Editor of Journal of Entrepreneurship and Innovation, Springerlink
11. Dr Piyali Ghosh: Reviewer of Journal of Marketing Management, Taylor & Francis
12. Dr Piyali Ghosh: Reviewer of The International Review of Retail, Distribution and Consumer Research, Taylor & Francis
13. Dr Piyali Ghosh: Book reviewer with Tata McGraw Hill

10.14 GIS CELL

I. LIST OF M. TECH THESIS COMPLETED IN 1ST APRIL 2011 TO 31ST MARCH 2012:

S. No	Name of Student	M. Tech Thesis	Supervisors	Year
1.	Ashwani Kumar Gautam (2009GI11)	GIS Based Ground Water Modeling of Canal Command Area	Dr. R. M. Singh	2011
2.	Neelima Upaghyay (2009GI07)	Study of Factors Affecting Water Resources For Almora Town Using GIS and Remote Sensing Techniques and Development of A Plan For Water Scarcity Conditions	Dr. R. M. Singh	2011
3.	Priyanka Singh (2009GI04)	Land Cover Change Detection Using Multi Temporal Satellite Data	Dr. Suneeta Agrawal	2011
4.	Pushp Raj Singh (2009GI14)	Development of Geospatial Database at Village Level using Khasra and Khatauni for E-Cadastre	Dr. R. D. Gupta	2011
5.	Sanjay Kumar (2009GI08)	GIS Based Framework for the Management of the PARAG Co-Operative Dairy	Dr. Suneeta Agrawal	2011
6.	Sarvjeet Pal (2009GI02)	GIS Based Public Transit Information System	Dr. Varun Singh	2011
7.	Shweta Srivastava (2009GI06)	Web GIS Based Interoperable Framework For Disaster Mapping and Management	Dr. R. D. Gupta	2011
8.	Siddhartha Saxena (2009GI12)	GIS Based and Incident Information System	Dr. Varun Singh	2011
9.	Sonam Agrawal (2009GI01)	Improved Resource Management in Cloud Computing	Dr. R. S. Yadav	2011
10.	Sujit Ray (2009GI05)	A Web GIS Framework for Geographical Indication in India	Mrs. Shefalika Ghosh Samaddar	2011
11.	Pratap Sakhare (2009GI10)	Development of Digital Elevation Model Using Cartosat-1 Stereo Ortho Kit Data	Dr. R. D. Gupta	2011

II. PUBLICATION IN INTERNATIONAL & NATIONAL CONFERENCES:

1. Mr. Rabindra Kumar Barik, Mr. Sujit Ray, Mrs. Sefalika G. Sammadar, Dr. Arun B. Samaddar
“Service Oriented Architecture based SDI model for Geographical Indication Web Services in India”
ISRS International Workshop, Dehradun, India, April 2011.
2. Shipra Verma and Prof. R. D. Gupta (2012) “Development of Health Information Database using
Spatial Technologies for Japanese Encephalitis” INDIA GEOSPATIAL FORUM 2012 International
Conference , Noida, India, February 2012.
3. Mainak Bandyopadhyay, Maharana Pratap Singh and Dr. Varun Singh (2012) “Integrated
Visualization of Distributed Spatial Database: An Open Source Web-GIS Approach” RAIT 2012
International Conference, Dhanbad, India, March 2012.

CHAPTER-11

FINANCIAL AND ACCOUNT DETAILS

Separate Audit Report of the Comptroller and Auditor General of India on the accounts of Motilal Nehru National Institute of Technology, Allahabad for the year ended on 31 March 2012.

We have audited the attached Balance Sheet of Motilal Nehru National Institute of Technology (NIT), Allahabad as at 31 March 2012, the Income & Expenditure Account and Receipts & Payments Account for the year ended on that date, under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. These financial statements are the responsibility of the NIT's management. Our responsibility is to express an opinion on these financial statements based on our audit.

This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observation 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 Report/CAG's Audit Reports separately.

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

Based on our audit, we report that:

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

ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the format prescribed by the Government of India.

iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Motilal Nehru National Institute of Technology, Allahabad in so far as it appears from our examination of such books.

iv. We further report that :

A. Balance Sheet

A.1 A bus worth ₹ 17,78,897.00 purchased during the year was not capitalized. This resulted in understatement of assets by ₹ 17,78,897.00 and overstatement of expenditure for the year 2011-12 by the similar amount.

B. Receipts and Payments Account

B.1 Scrutiny of Receipts and Payments account of the of the NIT revealed that the receipts and payments of its two subsidiary units have not been incorporated. Details are as under.

S.NO	Unit	Receipt (₹)	Payment(₹)
1.	Research Project	55916077.40	55916077.40
2.	Testing and consultancy	156949929.42	156949929.42
	Total	212866006.82	212866006.82

Thus, by not incorporating the receipts and payments of its subsidiary units, the receipts and payments of the NIT is understated by ₹ 21.29 crore.

C. Grants in Aid

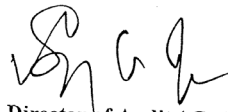
During the year 2011-12 the NIT received Grants of ₹74.50 crore (Plan ₹ 31.50 crore Non Plan ₹ 43.00 crore) and NIT receipts ₹ 11.92 crore (Non Plan). After taking opening balance of ₹ 58.84 crore (as per closing balance of previous year SAR) and utilizing the Grant and other income ₹ 60.63 crore, there was an unspent balance of ₹ 84.63 crore.

v. Subject to our observation 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.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in annexure 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 Motilal Nehru National Institute of Technology, Allahabad as at 31 March 2012; and
- b. In so far as it relates to Income & Expenditure Account of the surplus for the year ended on the date.

For and on behalf of the C&AG of India



Principal Director of Audit (Central)

Place : Lucknow
Date : 14-02-2013

ANNUAL ACCOUNT: 2011-2012

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
BALANCE SHEET AS AT 31ST MARCH, 2012

LIABILITIES	Sch No.	(Amount in Rs.)	
		CURRENT YEAR 2011-2012	PREVIOUS YEAR 2010-2011
FUND ACCOUNT- INSTITUTE			
Amount utilised for Capital Expenditure	1	518,572,899.00	548,837,074.00
Income and Expenditure- Institute			
Opening Balance as on 01-04-2011		666,865,212.00	
Add: Excess of Income over Expenditure during the year		<u>58,439,437.00</u>	666,865,212.00
FUND ACCOUNT- SUBSIDIARIES			
	2	122,253,699.00	99,857,498.00
DEFERRED GOVERNMENT GRANTS			
Opening Balance:		205,195,393.00	
Additions during the year		<u>119,306,196.00</u>	
Sub Total:		324,501,589.00	
Less: Apportioned to Income & Expenditure Account on account of Depreciation		<u>55,656,691.00</u>	205,195,393.00
EARMARKED/ ENDOWMENT FUND (GPF/CPF)	3	206,096,451.00	195,405,587.00
UNUTILISED PLAN & NON PLAN GRANT FROM GOVERNMENT	4	467,518,260.00	219,167,626.00
UNUTILISED GRANT FROM OTHER ORGANISATION	5	16,802,488.00	16,328,880.00
OTHER ADJUSTABLE ACCOUNTS	6	39,282,396.00	39,484,215.00
REFUNDABLE DEPOSIT	7	26,034,548.00	23,000,960.00
OUTSIDE SCHOLARSHIPS		1,877,775.00	1,419,423.00
SUNDRY CREDITORS	8	16,009,386.00	15,730,430.00
PROVISIONS FOR THE YEAR	9	29,915,859.00	28,326,437.00
GRAND TOTAL		<u>2,438,513,308.00</u>	<u>2,059,618,735.00</u>

FOR RAMESH C. AGRAWAL AND COMPANY
CHARTERED ACCOUNTANTS

Sd/-
(CA. ROHITASHWA AGRAWAL)
PARTNER

Sd/-
(SARVESH KR. TIWARI)
REGISTRAR

Sd/-
(UMA SHANKAR SHARMA)
DY. REGISTRAR A/CS

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
BALANCE SHEET AS AT 31ST MARCH, 2012

ASSETS	Sch No.	(Amount in Rs.)	
		CURRENT YEAR 2011-2012	PREVIOUS YEAR 2010-2011
FIXED ASSETS:			
a) Land		52,145,714.00	52,145,714.00
b) Buildings			
i) Works completed	10	232,590,305.00	196,590,685.00
ii) Works in progress:			
Augmentation of Academic & Physical Infrastructure 2003-04		-	404,345.00
Augmentation of Academic & Physical Infrastructure 2004-05		-	1,857,449.00
Augmentation of Academic & Physical Infrastructure 2005-06		-	5,990,425.00
Augmentation of Academic & Physical Infrastructure 2006-07		-	29,377,957.00
Augmentation of Academic & Physical Infrastructure 2007-08		-	26,063,981.00
Augmentation of Academic & Physical Infrastructure 2008-09		-	33,176,036.00
Augmentation of Academic & Physical Infrastructure (OBC) 2008-09		-	15,139,539.00
Augmentation of Academic & Physical Infrastructure 2009-10		-	44,593,303.00
Augmentation of Academic & Physical Infrastructure 2010-11		-	24,353,895.00
Add : Pending Adjustment (Secured Advance - M/s D.D.Ahuja & Brothers)		-	(3,559,504.00)
Augmentation of Academic & Physical Infrastructure (Consolidated)		177,397,426.00	-
Renovation of Building & Structures 2010-11		597,547.00	1,800,542.00
Renovation of Building & Structures 2011-12		1,253,422.00	-
Construction of Institute Gate 2008-09		193,774.00	193,774.00
Construction & Renovation of EDC 2007-08		-	300,576.00
Construction & Renovation of EDC (OBC) 2008-09		-	22,211,583.00
Construction & Renovation of EDC 2009-10		-	10,649,311.00
Construction & Renovation of EDC 2010-11		-	2,467,683.00
Construction of Hostel (OBC)(WIP) 2008-09		10,084,153.00	10,084,153.00
Construction of Hostel (OBC)(WIP) 2009-10		14,255,535.00	14,255,535.00
Construction of Mega Hostel & Faculty Residence (OBC) (WIP) 2010-11		204,433,169.00	204,433,169.00
Construction of Mega Hostel & Faculty Residence (OBC) (WIP) 2011-12		<u>225,505,371.00</u>	-
		633,720,397.00	
c) Equipment and Tools - Academic Deptt, Centres & Other Sections			
i) Plant Machinery & Equipment	11	163,733,110.00	166,163,669.00
ii) Office Equipment	12	3,663,820.00	3,689,362.00

(Amount in Rs.)

ASSETS	Sch No.	CURRENT YEAR 2011-2012	PREVIOUS YEAR 2010-2011
iii) Computer Peripherals	13	17,081,930.00	16,029,055.00
iv) Tubewell & Water supply		157,171.00	182,566.00
v) Other Fixed Assets	14	7,054,428.00	6,527,698.00
d) Electric Installations	15	56,857,209.00	60,236,009.00
<u>Work in Progress</u>			
OBC Plan Grant 2009-10		1,158,540.00	1,158,540.00
OBC Plan Grant 2010-11		1,350,020.00	3,816,080.00
e) Vehicles	16	2,152,730.00	2,500,557.00
f) Furniture and Fixtures	17	31,138,041.00	29,102,972.00
g) Library Books and Journals	18	11,610,867.00	10,536,356.00
LOAN & ADVANCES ACCOUNT	19	160,156,773.00	257,200,623.00
RECOVERABLE DEPOSITS	20	1,333,433.00	685,337.00
FIXED DEPOSITS/ INVESTMENTS	21	530,056,059.00	495,677,757.00
CLOSING STOCK OF CONSUMABLE & OTHER MATERIALS		345,543.00	345,543.00
SUNDRY DEBTORS - INDUSTRIAL ESTATE		12,631,328.00	12,480,577.00
ACCRUED INTEREST	22	9,939,947.00	4,337,789.00
RECOVERABLE ON ACCOUNT OF PLAN & NON PLAN GRANT	4	-	9,570,561.00
MISCELLANEOUS EXPENDITURE	23	5,309,362.00	3,693,793.00
CLOSING BALANCE OF CASH & BANK	24	504,326,581.00	283,153,740.00
GRAND TOTAL		2,438,513,308.00	2,059,618,735.00
SIGNIFICANT ACCOUNTING POLICIES & NOTES TO ACCOUNTS	44		

FOR RAMESH C. AGRAWAL AND COMPANY
CHARTERED ACCOUNTANTS

Sd/-

(CA. ROHITASHWA AGRAWAL)
PARTNER

Sd/-

(SARVESH KR. TIWARI)
REGISTRAR

Sd/-

(UMA SHANKAR SHARMA)
DY. REGISTRAR A/CS

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2012

(Amount in Rs.)			
PARTICULARS	Sch No.	CURRENT YEAR 2011-2012	PREVIOUS YEAR 2010-2011
<u>INCOME:-</u>			
Grant-in-aid from Govt. of India			
<u>Non-Plan</u>			
Grant-in-aid released during the year		430,000,000.00	
<u>Less:</u> Grants excess utilised as on 01.04.2011		9,570,561.00	
		420,429,439.00	
<u>Less:</u> Grants under utilised as on 31.03.2012		22,529,750.00	401,607,224.00
			397,899,689.00
<u>Plan</u>			
Grant-in-aid released during the year		315,000,000.00	
<u>Add:</u> Grants under utilised as on 01.04.2011		219,167,626.00	
		534,167,626.00	
<u>Less:</u> Grants under utilised as on 31.03.2012		444,988,510.00	337,535,255.00
			89,179,116.00
Sub Total			487,078,805.00
<u>Less:</u> Amount utilised for capital Expenditure from Grant			119,306,196.00
Net Amount utilised for Revenue Expenditure			367,772,609.00
			638,198,594.00
Fees from Students	25	126,252,143.00	102,295,418.00
Other Receipts from Students	26	65,060,040.00	48,151,468.00
Other Income and Miscellaneous Receipts	27	9,878,612.00	8,759,330.00
Interest on Deposit and Other Interest	28	33,759,106.00	27,442,897.00
<u>Apportioned amount of Grants/Fund towards Depreciation</u>			
From Deffered Government Grants		55,656,691.00	-
From Capital Fund		30,290,799.00	82,634,719.00
			688,670,000.00
TOTAL	A		907,482,426.00

PARTICULARS	Sch No.	CURRENT YEAR 2011-2012	PREVIOUS YEAR 2010-2011
<u>EXPENDITURE:-</u>			
Pay and Allowances	30	254,385,738.00	264,310,987.00
Other Allowances	31	22,405,415.00	11,257,081.00
Retirement Benefits	32	77,478,033.00	67,064,759.00
<u>Administrative Expenses:</u>			
i) General Expenses	33	31,395,388.00	31,014,213.00
ii) Other Contingent Expenses	34	4,159,209.00	12,484,466.00
iii) Other Educational Expenses	35	8,387,570.00	5,661,275.00
<u>Departmental Expenses:</u>			
DOC/Consumables/Academic Deptt. And Centres	36	4,669,921.00	4,267,174.00
Maintenance and Repairs to Vehicles & Furniture	37	748,798.00	677,115.00
House keeping and Estate maintenance	38	21,246,921.00	41,066,232.00
Scholarship	39	70,079,876.00	51,586,398.00
Health Facilities	40	6,376,008.00	4,497,626.00
Water and Electricity Charges	41	42,463,608.00	40,804,005.00
Depreciation on Assets		86,434,078.00	83,324,998.00
TOTAL	B	630,230,563.00	618,016,329.00
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A)-(B)		58,439,437.00	289,466,097.00

SIGNIFICANT ACCOUNTING POLICIES & NOTES TO ACCOUNTS 44

**FOR RAMESH C. AGRAWAL AND COMPANY
CHARTERED ACCOUNTANTS**

Sd/-
(CA. ROHITASHWA AGRAWAL)
PARTNER

Sd/-
(SARVESH KR. TIWARI)
REGISTRAR

Sd/-
(UMA SHANKAR SHARMA)
DY. REGISTRAR A/CS

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 1 - FUND ACCOUNT - INSTITUTE

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Transfer	Journal Entry Adjustments	As at March 31, 2012	As at March 31, 2011
INSTITUTE:					
Land	52,145,714.00	-	-	52,145,714.00	52,145,714.00
Amount utilised for the Capital Expenditure	527,337,030.00	-	-	527,337,030.00	527,337,030.00
Capital Fund Transferred from TEQIP	148,734,956.00	-	-	148,734,956.00	148,734,956.00
Capital Fund Transferred from ITN Course	(116,253.00)	-	-	(116,253.00)	(116,253.00)
Capital Fund Transferred from Class Pilot Project	-	41,373.00	(41,279.00)	94.00	-
Capital Fund Transferred from SC/ST Pre Exam Training Center	-	35,438.00	(8,908.00)	26,530.00	-
	728,101,447.00	76,811.00	(50,187.00)	728,128,071.00	728,101,447.00
Less: Apportioned to Income & Expenditure Account on account of Depreciation	179,264,373.00	-	30,290,799.00	209,555,172.00	179,264,373.00
TOTAL	548,837,074.00	76,811.00	(30,340,986.00)	518,572,899.00	548,837,074.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 2 - FUND ACCOUNT-SUBSIDIARIES

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Add: Income as per Sch: 29	Less: Expense as per Sch: 42 & 43	Journal Entry Adjustments	Transfer	As at March 31, 2012	As at March 31, 2011
Alumni Association	2,428,708.00	2,523,015.00	986,532.00	-	-	3,965,191.00	2,428,708.00
Class Pilot Project	-	94.00	-	41,279.00	(41,373.00)	-	-
Dean Academic Affairs	15,911,497.00	522,286.00	4,426,884.00	-	-	12,006,899.00	15,911,497.00
G.K. Agarwal Trust	62,934.00	44,269.00	-	-	-	107,203.00	62,934.00
I.T.N. Course	-	-	-	-	-	-	-
Industrial Estate	11,120,415.00	2,499,545.00	941,164.00	-	-	12,678,796.00	11,120,415.00
Nodal Center	(183,932.00)	-	-	-	-	(183,932.00)	(183,932.00)
P.D.T.C.	(162,098.00)	6,226.00	27,062.00	-	-	(182,934.00)	(162,098.00)
Project Account	15,735,807.00	-	-	-	-	15,735,807.00	15,735,807.00
Research & Consultancy Cell	43,890,540.00	-	-	-	-	43,890,540.00	43,890,540.00
SC/ST Pre Exam Training Center	17,394.00	9,644.00	-	(41,092.00)	14,054.00	-	17,394.00
School of Non Formal Continuing Education (SNFCE)	3,864,393.00	2,463,671.00	2,255,647.00	30,000.00	-	4,102,417.00	3,864,393.00
Sponsored Gold Medal	229,246.00	3,677.00	-	-	-	232,923.00	229,246.00
Student Welfare Fund	6,828,768.00	2,901,163.00	48,800.00	-	-	9,681,131.00	6,828,768.00
TEQIP - II	-	74,521.00	238.00	20,000,000.00	-	20,074,283.00	-
Text Book Lending Bank	113,826.00	57,847.00	26,298.00	-	-	145,375.00	113,826.00
TOTAL	99,857,498.00	11,105,958.00	8,712,625.00	20,030,187.00	(27,319.00)	122,253,699.00	99,857,498.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULES FORMING PART OF BALANCE SHEET
SCHEDULE 3 - EARMARKED / ENDOWMENT FUNDS

(Amount in Rs.)

FUND WISE BREAK UP	GPF	CPF	Corpus Fund	Staff Development	Development/ Renewal Fund	Maintenance Fund	Total 2011-12	As at March 31, 2011
<u>1) Opening Balance of the Fund-01.04.2011</u>								
Balance with Treasury	1,007,349.00	-	-	-	-	-	1,007,349.00	1,007,349.00
Balance with SB Account	21,006,783.00	4,491,179.00	3,281,974.00	1,094,121.00	547,158.00	547,158.00	30,968,373.00	15,785,378.00
Balance with FD Account	134,376,189.00	6,972,498.00	-	-	-	-	141,348,687.00	118,889,613.00
Interest Accrued on FDR	8,994,996.00	575,010.00	-	-	-	-	9,570,006.00	16,780,656.00
Interest Receivable from Treasury	12,511,172.00	-	-	-	-	-	12,511,172.00	12,511,172.00
Sub Total (1)	177,896,489.00	12,038,687.00	3,281,974.00	1,094,121.00	547,158.00	547,158.00	195,405,587.00	164,974,168.00
<u>2) Additions/ Receivables to the Funds:</u>								
Income from Investment made on Account of Funds - Interest	8,786,798.00	188,946.00	-	-	-	-	8,975,744.00	5,462,408.00
Contributions to Fund	27,364,409.00	797,244.00	-	-	-	-	28,161,653.00	31,514,027.00
Revenue Income	-	-	126,996.00	42,337.00	21,173.00	21,173.00	211,679.00	187,177.00
Interest Accrued on FDR	4,915,675.00	502,418.00	-	-	-	-	5,418,093.00	9,400,338.00
Liability towards Cancelled Cheques	49,427.00	-	-	-	-	-	49,427.00	-
Sub Total (2)	41,116,309.00	1,488,608.00	126,996.00	42,337.00	21,173.00	21,173.00	42,816,596.00	46,563,950.00
<u>3) Utilisation/ Payables towards Objectives of the Funds:</u>								
Other Payments	32,076,305.00	-	-	-	-	-	32,076,305.00	16,132,531.00
Payment of Cancelled Cheques	49,427.00	-	-	-	-	-	49,427.00	-
Sub Total (3)	32,125,732.00	-	-	-	-	-	32,125,732.00	16,132,531.00
Grand Total [1+2-3]	186,887,066.00	13,527,295.00	3,408,970.00	1,136,458.00	568,331.00	568,331.00	206,096,451.00	195,405,587.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULES FORMING PART OF BALANCE SHEET

SCHEDULE 4 - GRANTS UTILISED/ UNUTILISED

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Current Year 2011-2012			Utilisation 2011-12	Under Utilisation Payable
		Grants	Institute Receipts	Total		
Central Government- Plan	14,398,978.00					
OSC Plan	204,768,648.00	315,000,000.00	-	534,167,626.00	89,179,116.00	444,988,510.00
Sub Total (A)	219,167,626.00	315,000,000.00	-	534,167,626.00	89,179,116.00	444,988,510.00
Central Government- Non Plan	(9,570,561.00)	430,000,000.00	119,249,088.00	539,678,527.00	517,148,777.00	22,529,750.00
Sub Total (B)	(9,570,561.00)	430,000,000.00	119,249,088.00	539,678,527.00	517,148,777.00	22,529,750.00
Grand Total (A+B)	209,597,065.00	745,000,000.00	119,249,088.00	1,073,846,153.00	606,327,893.00	467,518,260.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 5 - UNUTILISED GRANT FROM OTHER ORGANISATION

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Receipts During the Year	Payments During the Year	As at March 31, 2012	As at March 31, 2011
<u>INSTITUTE</u>					
AICTE - Staff Dev. Programme on Design for X	13,600.00	-	-	13,600.00	13,600.00
AICTE Staff Development Programme (Dr. Geetika)	100,000.00	-	-	100,000.00	100,000.00
AICTE Staff Development Programme (Dr. K.N.Pandey)	183,045.00	-	-	183,045.00	183,045.00
AICTE Staff Development Programme (Dr. M.D.Singh)	100,000.00	-	-	100,000.00	100,000.00
AICTE Staff Development Programme (Dr. Vinod Yadav)	24,446.00	-	-	24,446.00	24,446.00
BIO PROSP - MNNIT 2010	5,519.00	-	-	5,519.00	5,519.00
C-Dac Project	43,645.00	-	-	43,645.00	43,645.00
Conference ICPCES - 2010-11 EED	91,049.00	490,000.00	111,832.00	469,217.00	91,049.00
Conference on Economic Crisis Management (Dr. Geetika)	21,254.00	-	-	21,254.00	21,254.00
Early Faculty Induction Programme QIP	20,000.00	-	-	20,000.00	20,000.00
Executive Development Programme Course	12,356.00	-	-	12,356.00	12,356.00
ICCCT (Dr. A.K. Misra)	-	-	-	-	115,760.00
ICSSR - Fellowship (Doctoral)	159,489.00	-	-	159,489.00	159,489.00
NRSA Project - Satellite Data Compression Decomposition	218,279.00	-	-	218,279.00	218,279.00
Short Term Course "Process Mechanism" (Dr. A.C.Agrawal)	4,631.00	-	-	4,631.00	4,631.00
Short Term Course-Finite Element Analysis (AMD)	41,529.00	-	-	41,529.00	41,529.00
U.G.C.	-	664,000.00	452,800.00	211,200.00	-
U.G.C. Fellowship	27.00	-	-	27.00	27.00
Workshop on Design of Rural Road (Dr. A.K. Singh)	12,828.00	-	-	12,828.00	12,828.00
<u>SUBSIDIARIES</u>					
Project Account :					
Project (Running)	15,161,423.00	-	-	15,161,423.00	15,161,423.00
TOTAL	16,213,120.00	1,154,000.00	564,632.00	16,802,488.00	16,328,880.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 6 - OTHER ADJUSTABLE ACCOUNTS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Receipts During the Year	Payments During the Year	Journal Entry Adjustments	As at March 31, 2012	As at March 31, 2011
<u>INSTITUTE</u>						
Alumni Association	321,600.00	214,500.00	321,600.00	-	214,500.00	321,600.00
Bal Bharti Vidyalaya (Const of Building)	150,000.00	-	-	-	150,000.00	150,000.00
Cancelled Cheques	4,847,371.00	-	280,701.00	-	4,566,670.00	4,847,371.00
Examination Fees	10,566,175.00	13,444,791.00	10,653,952.00	-	13,357,014.00	10,566,175.00
Excess Fees Deposited by Students	-	7,592,761.72	7,592,761.72	-	-	-
Income Tax	-	21,189,356.00	21,139,987.00	-	49,369.00	-
L.I.C.	917.00	1,213,139.00	1,213,329.00	-	727.00	917.00
M.Tech (Part Time)	7,247,291.00	1,903,700.00	-	-	9,150,991.00	7,247,291.00
Mess Fees	5,137,000.00	1,171,399.00	6,308,399.00	-	-	5,137,000.00
NCI & NICS Grant	-	1,936,153.00	1,936,153.00	-	-	-
Other Liabilities (Misc. Receipt Transfer)	3,175,680.00	651,454.00	-	-	3,827,134.00	3,175,680.00
Sales Tax	-	728,288.00	699,513.00	-	28,775.00	-
TEQIP-I Fund	7,102,646.00	-	18,300.00	-	7,084,346.00	7,102,646.00
Undisbursed Cash	78,102.00	-	47,150.00	-	30,952.00	78,102.00
<u>SUBSIDIARIES</u>						
Alumni Association - Amount Payable	5,515.00	-	-	5,515.00	-	5,515.00
Dean Academics - Cancelled Cheques	10,000.00	-	-	-	10,000.00	10,000.00
Project Account - Accounting Charges Payable	10,000.00	-	-	-	10,000.00	10,000.00
Project Account - Income Tax	367.00	-	-	-	367.00	367.00
Project Account - Salary Payable	183,200.00	-	-	-	183,200.00	183,200.00
R&C Cell - Accounting Charges Payable	10,000.00	-	-	-	10,000.00	10,000.00
R&C Cell - Cancelled Cheques	63,305.00	-	-	-	63,305.00	63,305.00
R&C Cell - Honorarium Payable	2,000.00	-	-	-	2,000.00	2,000.00
R&C Cell - Income Tax	512,592.00	-	-	-	512,592.00	512,592.00
R&C Cell - Salary Payable	30,454.00	-	-	-	30,454.00	30,454.00
SNFCE - Amount Payable	30,000.00	-	-	30,000.00	-	30,000.00
SNFCE - Income Tax	-	317,375.00	317,375.00	-	-	-
TOTAL	39,484,215.00	50,362,916.72	50,529,220.72	35,515.00	39,282,396.00	39,484,215.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 7 - REFUNDABLE DEPOSITS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Receipts During the Year	Payments During the Year	As at March 31, 2012	As at March 31, 2011
<u>INSTITUTE</u>					
Caution Money	15,357,041.00	4,078,000.00	1,287,569.00	18,147,472.00	15,357,041.00
Earnest Money/ Security Money	6,937,850.00	1,555,609.00	1,314,796.00	7,178,663.00	6,937,850.00
<u>SUBSIDIARIES</u>					
Caution Money	422,655.00	-	-	422,655.00	422,655.00
Earnest Money/ Security Money	241,404.00	-	-	241,404.00	241,404.00
Security Received (Industrial Estate)	42,010.00	2,344.00	-	44,354.00	42,010.00
TOTAL	23,000,960.00	5,635,953.00	2,602,365.00	26,034,548.00	23,000,960.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 8 - SUNDRY CREDITORS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Receipts During the Year	Payments During the Year	Journal Entry Adjustments	As at March 31, 2012	As at March 31, 2011
<u>INSTITUTE</u>						
Loan Account of PDTC & Industrial Estate	12,777,246.00	328,956.00	-	-	13,106,202.00	12,777,246.00
<u>SUBSIDIARIES</u>						
Loan Account of SC/ST Pre Exam Training Center	50,000.00	-	-	(50,000.00)	-	50,000.00
Project Account - Transferable amount to R&C Cell	137,482.00	-	-	-	137,482.00	137,482.00
R&C Cell - Payable to RES, Bhadhoi	39,325.00	-	-	-	39,325.00	39,325.00
R&C Cell - Testing & Consultancy (Pending)	2,726,377.00	-	-	-	2,726,377.00	2,726,377.00
TOTAL	15,730,430.00	328,956.00	-	(50,000.00)	16,009,386.00	15,730,430.00

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULES FORMING PART OF BALANCE SHEET**

SCHEDULE 9 - PROVISIONS FOR THE YEAR

(Amount in Rs.)

Particulars	As at March 31, 2012		As at March 31, 2011	
<u>Salaries & Wages (U.G.):</u>				
Pay Direction & Teaching (U.G.)	6,434,602.00		6,521,956.00	
Pay Administrative Officer (U.G.)	323,400.00		396,750.00	
Pay Other Staff (U.G.)	2,748,290.00	9,506,292.00	2,858,655.00	9,777,361.00
<u>Salaries & Wages (P.G.):</u>				
Pay Teaching P.G.	468,280.00		660,980.00	
Pay Other Staff (P.G.)	31,900.00	500,180.00	30,550.00	691,530.00
<u>Dearness Allowances:</u>				
Direction & Teaching (U.G.)	3,704,619.00		3,982,662.00	
Administrative Officer (U.G.)	185,787.00		224,214.00	
Other Staff (U.G.)	1,586,833.00		1,796,845.00	
<u>HRA:</u>				
Direction & Teaching (U.G.)	230,096.00		200,750.00	
Administrative Officer (U.G.)	14,394.00		13,926.00	
Other Staff (U.G.)	309,258.00		318,750.00	
<u>Transport Allowances:</u>				
Direction & Teaching (U.G.)	445,560.00		384,686.00	
Administrative Officer (U.G.)	28,440.00		26,080.00	
Other Staff (U.G.)	322,320.00		238,560.00	
<u>Other Allowances:</u>				
Other Staff (U.G.)	7,740.00	6,835,047.00	8,640.00	7,195,113.00
<u>Dearness Allowances:</u>				
Teaching (P.G.)	269,794.00		409,386.00	
Other Staff (P.G.)	18,270.00		18,994.00	
<u>HRA:</u>				
Teaching (P.G.)	13,392.00		13,002.00	
Other Staff (P.G.)	4,164.00		4,042.00	

(Amount in Rs.)

Particulars	As at March 31, 2012		As at March 31, 2011	
<u>Transport Allowances:</u>				
Teaching (P.G.)	22,120.00		26,080.00	
Other Staff (P.G.)	3,160.00		2,608.00	
<u>Other Allowances:</u>				
Other Staff (P.G.)	60.00	330,960.00	60.00	474,172.00
<u>ARREARS</u>				
Pay Revision - Teaching		2,147,311.00		-
Pay Revision - Non Teaching		20,132.00		-
<u>Employees Retirement & Terminal Benefits:</u>				
Pension Pay	2,998,988.00		2,398,738.00	
Pension Relief	1,754,224.00		1,249,416.00	
Gratuity	436,425.00		405,233.00	
Medical Allowance	105,900.00		2,090,091.00	
Commuted Pension Payable	329,203.00		202,359.00	
Leave Encashment on Retirement	264,500.00		232,704.00	
New Pension Scheme	340,901.00	6,230,141.00	300,303.00	6,878,844.00
C.A. Fees Payable		179,776.00		165,450.00
C.P.F. Payable		24,270.00		23,562.00
Leave Encashment on LTC Teaching		-		31,166.00
Leave Encashment on LTC Other staff		-		23,463.00
Pay on Contractual Staff		2,677,830.00		2,070,610.00
Security Charges Payable		1,414,046.00		924,937.00
Telephone Expenses Payable		49,874.00		70,229.00
TOTAL		29,915,859.00		28,326,437.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 10 - BUILDINGS

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2011	
<i>Assets out of Capital Fund:</i>								
Addition to Building (RBS)	30,873,572.00	-	30,873,572.00	-	-	-	30,873,572.00	30,873,572.00
Admission Committee	205,000.00	-	205,000.00	-	-	-	205,000.00	205,000.00
Asset Trf from TEQIP	10,783,205.00	-	10,783,205.00	-	-	-	10,783,205.00	10,783,205.00
Boundary Wall	405,000.00	-	405,000.00	-	-	-	405,000.00	405,000.00
C.C. Road	601,214.00	-	601,214.00	-	-	-	601,214.00	601,214.00
Car Garage	225,931.00	-	225,931.00	-	-	-	225,931.00	225,931.00
Const. of Faculty Room & Lab.	6,725,351.00	-	6,725,351.00	-	-	-	6,725,351.00	6,725,351.00
Construction of Boys Hostel	81,588,025.00	-	81,588,025.00	-	-	-	81,588,025.00	81,588,025.00
Construction of Girls Hostel	101,878.00	-	101,878.00	-	-	-	101,878.00	101,878.00
Construction of Shop Store	96,500.00	-	96,500.00	-	-	-	96,500.00	96,500.00
Excellence in Rec	3,916,425.00	-	3,916,425.00	-	-	-	3,916,425.00	3,916,425.00
Guest House	325,389.00	-	325,389.00	-	-	-	325,389.00	325,389.00
Institute Building	61,825,379.00	-	61,825,379.00	-	-	-	61,825,379.00	61,825,379.00
M/R Colony	27,123.00	-	27,123.00	-	-	-	27,123.00	27,123.00
M/R Institute Building	19,477.00	-	19,477.00	-	-	-	19,477.00	19,477.00
P.G. Course Building	2,901,644.00	-	2,901,644.00	-	-	-	2,901,644.00	2,901,644.00
REC-British University Collaboration	4,729,578.00	-	4,729,578.00	-	-	-	4,729,578.00	4,729,578.00
Renovation of Computer Building	51,795.00	-	51,795.00	-	-	-	51,795.00	51,795.00
Renovation of Electrical System	303,765.00	-	303,765.00	-	-	-	303,765.00	303,765.00
Research & Development Centre	73,563.00	-	73,563.00	-	-	-	73,563.00	73,563.00
RIDC Account	184,613.00	-	184,613.00	-	-	-	184,613.00	184,613.00
School of Non Formal Office	145,048.00	-	145,048.00	-	-	-	145,048.00	145,048.00
Shed (Design Centre)	95,126.00	-	95,126.00	-	-	-	95,126.00	95,126.00
Shed (Industrial Estate)	5,162,464.00	-	5,162,464.00	-	-	-	5,162,464.00	5,162,464.00
Shed (P.D.T.C)	599,596.00	-	599,596.00	-	-	-	599,596.00	599,596.00
Soil Exploration & Foundation	152,789.00	-	152,789.00	-	-	-	152,789.00	152,789.00
Staff Quarter	19,665,842.00	-	19,665,842.00	-	-	-	19,665,842.00	19,665,842.00
Structural Testing & Design	132,993.00	-	132,993.00	-	-	-	132,993.00	132,993.00
Student Staff Amenities	5,711,477.00	-	5,711,477.00	-	-	-	5,711,477.00	5,711,477.00
UPM CAT Building	3,859,028.00	-	3,859,028.00	-	-	-	3,859,028.00	3,859,028.00
Depreciation @5%	-	-	-	96,423,446.00	7,253,267.00	103,676,713.00	(103,676,713.00)	(96,423,446.00)
Sub Total	241,488,790.00	-	241,488,790.00	96,423,446.00	7,253,267.00	103,676,713.00	137,812,077.00	145,065,344.00
<i>Assets out of Deferred Government Grants:</i>								
Addition to Building (RBS)	35,697,599.00	9,417,454.00	45,115,053.00	-	-	-	45,115,053.00	35,697,599.00
Renovation of Electrical System & Facilities	-	1,665,941.00	1,665,941.00	-	-	-	1,665,941.00	-
Augmentation of Acad. & Infrastructure	2,015,091.00	-	2,015,091.00	-	-	-	2,015,091.00	2,015,091.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
Automation of Kitchen	1,549,155.00	-	1,549,155.00	-	-	-	1,549,155.00	1,549,155.00
Construction of ED Centre	1,178,061.00	36,995,833.00	38,173,894.00	-	-	-	38,173,894.00	1,178,061.00
Construction of Institute Gate	3,356,464.00	-	3,356,464.00	-	-	-	3,356,464.00	3,356,464.00
Extension of Dispensary M/R Colony - Building & Road	14,566,050.00	-	14,566,050.00	-	-	-	14,566,050.00	14,566,050.00
M/R Hostel - Building & Road	38,970.00	-	38,970.00	-	-	-	38,970.00	38,970.00
MCA Contingency	-	43,550.00	43,550.00	-	-	-	43,550.00	-
OBC Plan Grant	161,381.00	98,800.00	260,181.00	-	-	-	260,181.00	161,381.00
Depreciation @5%	-	-	-	7,147,653.00	4,982,659.00	12,130,312.00	(12,130,312.00)	(7,147,653.00)
Sub Total	58,579,251.00	48,221,578.00	106,800,829.00	7,147,653.00	4,982,659.00	12,130,312.00	94,670,517.00	51,431,598.00
<u>Assets out of Institute Receipts</u>								
MMS Operating Cost	11,700.00	19,637.00	31,337.00	-	-	-	31,337.00	11,700.00
Placement Charges	97,638.00	-	97,638.00	-	-	-	97,638.00	97,638.00
Depreciation @ 5%	-	-	-	15,595.00	5,669.00	21,264.00	(21,264.00)	(15,595.00)
Sub Total	109,338.00	19,637.00	128,975.00	15,595.00	5,669.00	21,264.00	107,711.00	93,743.00
TOTAL	300,177,379.00	48,241,215.00	348,418,594.00	103,586,694.00	12,241,595.00	115,828,289.00	232,590,305.00	196,590,685.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 11 - PLANT, MACHINERY & EQUIPMENT

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<i>Assets out of Capital Fund:</i>								
Academic Account	364,921.00	-	364,921.00	-	-	-	364,921.00	364,921.00
Admission Committee (MMS)	24,400.00	-	24,400.00	-	-	-	24,400.00	24,400.00
Applied Mechanics Department (U.G.)	16,100.00	-	16,100.00	-	-	-	16,100.00	16,100.00
Asset Trf from TEQIP	114,256,984.00	-	114,256,984.00	-	-	-	114,256,984.00	114,256,984.00
Civil Engineering Department (P.G.)	27,080.00	-	27,080.00	-	-	-	27,080.00	27,080.00
Civil Engineering Department (U.G.)	39,317.00	-	39,317.00	-	-	-	39,317.00	39,317.00
Class Pilot Project	8,060.00	-	8,060.00	-	-	-	8,060.00	8,060.00
Computer Science Course	6,276,820.00	-	6,276,820.00	-	-	-	6,276,820.00	6,276,820.00
Computer Science Department (U.G.)	216,876.00	-	216,876.00	-	-	-	216,876.00	216,876.00
Development Centre Excellence Environment	303,650.00	-	303,650.00	-	-	-	303,650.00	303,650.00
Development of Lawn & Gardening (PLAN-State)	18,347.00	-	18,347.00	-	-	-	18,347.00	18,347.00
Development of Polymer Research Work	692,000.00	-	692,000.00	-	-	-	692,000.00	692,000.00
Development of Robotics Facilities	182,600.00	-	182,600.00	-	-	-	182,600.00	182,600.00
Development of Vision System Lab.	979,758.00	-	979,758.00	-	-	-	979,758.00	979,758.00
Dynamo Meter	15,545.00	-	15,545.00	-	-	-	15,545.00	15,545.00
Electronics Engineering Course	1,267,788.00	-	1,267,788.00	-	-	-	1,267,788.00	1,267,788.00
Equipment under U.K. Grant	25,023,947.00	-	25,023,947.00	-	-	-	25,023,947.00	25,023,947.00
Excellence in REC	10,555,940.00	-	10,555,940.00	-	-	-	10,555,940.00	10,555,940.00
General Utility Equipment/ Upd .& Exp of Lab.	17,690,344.00	-	17,690,344.00	-	-	-	17,690,344.00	17,690,344.00
Gymkhana Games & Sports	68,200.00	-	68,200.00	-	-	-	68,200.00	68,200.00
Hostel Utensils	124,350.00	-	124,350.00	-	-	-	124,350.00	124,350.00
Improvement Facility on Guest House	450,296.00	-	450,296.00	-	-	-	450,296.00	450,296.00
Industrial Estate	943,664.00	-	943,664.00	-	-	-	943,664.00	943,664.00
Institute (U.G.)	96,409,291.00	-	96,409,291.00	-	-	-	96,409,291.00	96,409,291.00
M/R Institute (Lawn & Garden)	20,000.00	-	20,000.00	-	-	-	20,000.00	20,000.00
M/R Institute Building	39,293.00	-	39,293.00	-	-	-	39,293.00	39,293.00
MCA Contingencies	27,500.00	-	27,500.00	-	-	-	27,500.00	27,500.00
MCA Course	499,940.00	-	499,940.00	-	-	-	499,940.00	499,940.00
Mechanical Engineering Department (P.G.)	8,424.00	-	8,424.00	-	-	-	8,424.00	8,424.00
Mechanical Engineering Department (U.G.)	457,192.00	-	457,192.00	-	-	-	457,192.00	457,192.00
Mod. of Chemical Lab	690,150.00	-	690,150.00	-	-	-	690,150.00	690,150.00
Mod. of Geo Technical Lab.	589,295.00	-	589,295.00	-	-	-	589,295.00	589,295.00
Mod. of Instruments of Cent	23,362.00	-	23,362.00	-	-	-	23,362.00	23,362.00
Mod. of MED Deptt.	400,000.00	-	400,000.00	-	-	-	400,000.00	400,000.00
Nodal Centre	350,445.00	-	350,445.00	-	-	-	350,445.00	350,445.00
NRI	1,351,056.00	-	1,351,056.00	-	-	-	1,351,056.00	1,351,056.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
P.D.T.C.	134,008.00	-	134,008.00	-	-	-	134,008.00	134,008.00
P.G. Equipment	2,457,251.00	-	2,457,251.00	-	-	-	2,457,251.00	2,457,251.00
Pre Exam Training Centre	8,038.00	-	8,038.00	-	-	-	8,038.00	8,038.00
Product Engineering Course	1,868,242.00	-	1,868,242.00	-	-	-	1,868,242.00	1,868,242.00
Project Account	1,850,206.00	-	1,850,206.00	-	-	-	1,850,206.00	1,850,206.00
Pumping Set & Generator (Admission Committee)	38,030.00	-	38,030.00	-	-	-	38,030.00	38,030.00
REC-British University Collaboration	9,859,340.00	-	9,859,340.00	-	-	-	9,859,340.00	9,859,340.00
Research & Development Cell	145,643.00	-	145,643.00	-	-	-	145,643.00	145,643.00
Research Project & Others	1,742,954.00	-	1,742,954.00	-	-	-	1,742,954.00	1,742,954.00
Soil Exploration & Foundation Design Centre	85,457.00	-	85,457.00	-	-	-	85,457.00	85,457.00
Structural Testing & Designing	31,500.00	-	31,500.00	-	-	-	31,500.00	31,500.00
Study on Mechanism Pollutant	43,000.00	-	43,000.00	-	-	-	43,000.00	43,000.00
Training & Placement	71,537.00	-	71,537.00	-	-	-	71,537.00	71,537.00
Xerox Photo Copier	133,300.00	-	133,300.00	-	-	-	133,300.00	133,300.00
Depreciation @ 13.91%	-	-	-	176,218,810.00	17,062,372.00	193,281,182.00	(193,281,182.00)	(176,218,810.00)
Sub Total	298,881,441.00	-	298,881,441.00	176,218,810.00	17,062,372.00	193,281,182.00	105,600,259.00	122,662,631.00
<i>Assets out of Deferred Government Grants:</i>								
Addition to Equipments (RBS)	691,950.00	-	691,950.00	-	-	-	691,950.00	691,950.00
Renovation of Electrical System & Facilities	-	1,852,709.00	1,852,709.00	-	-	-	1,852,709.00	-
Applied Mechanics Dept.(P.G.)	155,789.00	11,655.00	167,444.00	-	-	-	167,444.00	155,789.00
Applied Mechanics Dept.(U.G.)	72,177.00	-	72,177.00	-	-	-	72,177.00	72,177.00
Augmentation of Acad. & Infrastructure	2,452,000.00	-	2,452,000.00	-	-	-	2,452,000.00	2,452,000.00
Automation of Kitchen - Hostel	2,097,232.00	-	2,097,232.00	-	-	-	2,097,232.00	2,097,232.00
Biotech Dept (U.G.)	-	14,910.00	14,910.00	-	-	-	14,910.00	-
Chemistry Deptt. (U.G.)	19,370.00	-	19,370.00	-	-	-	19,370.00	19,370.00
Civil Engg. Deptt.(U.G.)	56,680.00	-	56,680.00	-	-	-	56,680.00	56,680.00
Civil Engg. Deptt.(P.G.)	-	14,700.00	14,700.00	-	-	-	14,700.00	-
Computer Sc. Deptt. (U.G.)	7,275.00	-	7,275.00	-	-	-	7,275.00	7,275.00
Electrical Engg. Deptt. (U.G.)	108,474.00	-	108,474.00	-	-	-	108,474.00	108,474.00
Electronics Engg. Deptt. (U.G.)	-	10,688.00	10,688.00	-	-	-	10,688.00	-
Electronics Engg. Deptt. (P.G.)	28,360.00	39,400.00	67,760.00	-	-	-	67,760.00	28,360.00
Mechanical Engineering Department (U.G.)	-	93,386.00	93,386.00	-	-	-	93,386.00	-
Mechanical Engineering Department (P.G.)	-	9,775.00	9,775.00	-	-	-	9,775.00	-
General Utility Equipment/ Upd. & Exp of Lab.	16,637,563.00	2,098,753.00	18,736,316.00	-	-	-	18,736,316.00	16,637,563.00
Maint. Of Computer & Equipment	42,720.00	-	42,720.00	-	-	-	42,720.00	42,720.00
Maintenance & Repairs - Recurring (OBC)	1,474,200.00	-	1,474,200.00	-	-	-	1,474,200.00	1,474,200.00
OBC Plan Grant	15,240,758.00	17,412,875.00	32,653,633.00	-	-	-	32,653,633.00	15,240,758.00
Physics Deptt.	43,941.00	-	43,941.00	-	-	-	43,941.00	43,941.00
Research Grant	518,354.00	442,661.00	961,015.00	-	-	-	961,015.00	518,354.00
Depreciation @ 13.91%	-	-	-	8,582,692.00	7,381,434.00	15,964,126.00	(15,964,126.00)	(8,582,692.00)
Sub Total	39,646,843.00	22,001,512.00	61,648,355.00	8,582,692.00	7,381,434.00	15,964,126.00	45,684,229.00	31,064,151.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Institute Receipts</u>								
Raw Material & Consumable of Lab	-	20,790.00	20,790.00	-	-	-	20,790.00	-
SMS/MBA/MMS Operating Cost	54,900.00	-	54,900.00	-	-	-	54,900.00	54,900.00
Depreciation @ 13.91%	-	-	-	10,596.00	9,055.00	19,651.00	(19,651.00)	(10,596.00)
Sub Total	54,900.00	20,790.00	75,690.00	10,596.00	9,055.00	19,651.00	56,039.00	44,304.00
<u>Assets out of Subsidiaries Fund</u>								
Dean Academic Affairs	15,380.00	-	15,380.00	-	-	-	15,380.00	15,380.00
Project Account	10,945,983.00	-	10,945,983.00	-	-	-	10,945,983.00	10,945,983.00
R&C Cell	1,431,220.00	-	1,431,220.00	-	-	-	1,431,220.00	1,431,220.00
Sub Total	12,392,583.00	-	12,392,583.00	-	-	-	12,392,583.00	12,392,583.00
TOTAL	350,975,767.00	22,022,302.00	372,998,069.00	184,812,098.00	24,452,861.00	209,264,959.00	163,733,110.00	166,163,669.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 12 - OFFICE EQUIPMENT

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Capital Fund:</u>								
Civil Engg. Department P.G.	31,200.00	-	31,200.00	-	-	-	31,200.00	31,200.00
Computer Sc. Deptt. (P.G)	9,280.00	-	9,280.00	-	-	-	9,280.00	9,280.00
Computer Sc. Deptt. (U.G)	141,894.00	-	141,894.00	-	-	-	141,894.00	141,894.00
Cordless & Telephone Set	20,575.00	-	20,575.00	-	-	-	20,575.00	20,575.00
Electrical Engg. Deptt. (U.G.)	30,188.00	-	30,188.00	-	-	-	30,188.00	30,188.00
EPABX	3,159,583.00	-	3,159,583.00	-	-	-	3,159,583.00	3,159,583.00
Examination Fees	66,420.00	-	66,420.00	-	-	-	66,420.00	66,420.00
Fax Machine	153,320.00	-	153,320.00	-	-	-	153,320.00	153,320.00
General Utility Equipment	998,915.00	-	998,915.00	-	-	-	998,915.00	998,915.00
Maint. of Computer & Equip(REC)	164,333.00	-	164,333.00	-	-	-	164,333.00	164,333.00
Nodal Centre	6,400.00	-	6,400.00	-	-	-	6,400.00	6,400.00
Placement Charges	168,443.00	-	168,443.00	-	-	-	168,443.00	168,443.00
Typewriter & Duplicating Machine	56,548.00	-	56,548.00	-	-	-	56,548.00	56,548.00
Typewriter (SC/ST Re-Exam Training Centre)	7,516.00	-	7,516.00	-	-	-	7,516.00	7,516.00
Updating & Expansion of Lab	462,000.00	-	462,000.00	-	-	-	462,000.00	462,000.00
Depreciation @ 13.91%	-	-	-	3,752,189.00	239,868.00	3,992,057.00	(3,992,057.00)	(3,752,189.00)
Sub Total	5,476,615.00	-	5,476,615.00	3,752,189.00	239,868.00	3,992,057.00	1,484,558.00	1,724,426.00
<u>Assets out of Deferred Government Grants:</u>								
Applied Mechanics Dept.(P.G.)	26,324.00	-	26,324.00	-	-	-	26,324.00	26,324.00
Civil Engg. Deptt. (P.G.)	99,920.00	-	99,920.00	-	-	-	99,920.00	99,920.00
Computer Sc. Deptt. (P.G)	16,490.00	-	16,490.00	-	-	-	16,490.00	16,490.00
Computer Sc. Deptt. (U.G)	17,760.00	-	17,760.00	-	-	-	17,760.00	17,760.00
Computer Science Course (Stationery)	17,760.00	47,900.00	65,660.00	-	-	-	65,660.00	17,760.00
Electrical Engg. Deptt. (P.G.)	25,499.00	-	25,499.00	-	-	-	25,499.00	25,499.00
Electrical Engg. Deptt. (U.G.)	9,000.00	-	9,000.00	-	-	-	9,000.00	9,000.00
General Utility Equipment	1,419,069.00	-	1,419,069.00	-	-	-	1,419,069.00	1,419,069.00
Library Operating Cost	69,243.00	-	69,243.00	-	-	-	69,243.00	69,243.00
Maint. of Computer & Equip	264,004.00	33,720.00	297,724.00	-	-	-	297,724.00	264,004.00
Maintenance & Repairs - Recurring (OBC)	200,720.00	-	200,720.00	-	-	-	200,720.00	200,720.00
MCA Contingency	24,900.00	-	24,900.00	-	-	-	24,900.00	24,900.00
OBC Plan Grant	392,755.00	292,816.00	685,571.00	-	-	-	685,571.00	392,755.00
Depreciation @ 13.91%	-	-	-	829,947.00	295,995.00	1,125,942.00	(1,125,942.00)	(829,947.00)
Sub Total	2,583,444.00	374,436.00	2,957,880.00	829,947.00	295,995.00	1,125,942.00	1,831,938.00	1,753,497.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<i>Assets out of Institute Receipts</i>								
SMS/MBA/MMS Operating Cost	5,831.00	47,210.00	53,041.00	-	-	-	53,041.00	5,831.00
Depreciation @ 13.91%	-	-	-	2,110.00	7,085.00	9,195.00	(9,195.00)	(2,110.00)
Sub Total	5,831.00	47,210.00	53,041.00	2,110.00	7,085.00	9,195.00	43,846.00	3,721.00
<i>Assets out of Subsidiaries Fund</i>								
Dean Academic Affairs	76,070.00	-	76,070.00	-	-	-	76,070.00	76,070.00
Nodal Centre	62,405.00	-	62,405.00	-	-	-	62,405.00	62,405.00
R&C Cell	69,243.00	-	69,243.00	-	-	-	69,243.00	69,243.00
Student Welfare Fund	-	95,760.00	95,760.00	-	-	-	95,760.00	-
Sub Total	207,718.00	95,760.00	303,478.00	-	-	-	303,478.00	207,718.00
TOTAL	8,273,608.00	517,406.00	8,791,014.00	4,584,246.00	542,948.00	5,127,194.00	3,663,820.00	3,689,362.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 13 - COMPUTER & PERIPHERALS

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Capital Fund:</u>								
Applied Maths & Science (U.G.)	79,575.00	-	79,575.00	-	-	-	79,575.00	79,575.00
Applied Mechanics Dept.(U.G.)	4,650.00	-	4,650.00	-	-	-	4,650.00	4,650.00
Area of Excellence	1,102,081.00	-	1,102,081.00	-	-	-	1,102,081.00	1,102,081.00
Assessment of Land Use and Cover	84,820.00	-	84,820.00	-	-	-	84,820.00	84,820.00
Assy of Land Use Cover Pattern	23,750.00	-	23,750.00	-	-	-	23,750.00	23,750.00
Augmentation of Academic Infrastructure CSED	442,290.00	-	442,290.00	-	-	-	442,290.00	442,290.00
Augmentation of Facilities -Signal	2,358.00	-	2,358.00	-	-	-	2,358.00	2,358.00
Civil Engg. Deptt.(P.G.)	137,075.00	-	137,075.00	-	-	-	137,075.00	137,075.00
Civil Engg. Deptt.(U.G.)	13,650.00	-	13,650.00	-	-	-	13,650.00	13,650.00
Computational Facility for Electric	64,900.00	-	64,900.00	-	-	-	64,900.00	64,900.00
Computational Facility for Electric Engg.	260,000.00	-	260,000.00	-	-	-	260,000.00	260,000.00
Computer (School of Non Formal)	45,200.00	-	45,200.00	-	-	-	45,200.00	45,200.00
Computer Centre (Stay & Lab)	39,400.00	-	39,400.00	-	-	-	39,400.00	39,400.00
Computer Graphic Work Station	8,890,000.00	-	8,890,000.00	-	-	-	8,890,000.00	8,890,000.00
Computer Sc. Deptt.(P.G.)	49,065.00	-	49,065.00	-	-	-	49,065.00	49,065.00
Computer Sc. Deptt. (U.G.)	40,730.00	-	40,730.00	-	-	-	40,730.00	40,730.00
Computer Science Course (Stationery)	14,720.00	-	14,720.00	-	-	-	14,720.00	14,720.00
Computerization of Estt. Section	1,990,000.00	-	1,990,000.00	-	-	-	1,990,000.00	1,990,000.00
Dev of High Speed Communication Tem Lab.	16,200.00	-	16,200.00	-	-	-	16,200.00	16,200.00
Dev, of Rapid Prototyping	61,200.00	-	61,200.00	-	-	-	61,200.00	61,200.00
Dev. of Router Facilities	13,320.00	-	13,320.00	-	-	-	13,320.00	13,320.00
Dev. of VLSI Project	589,700.00	-	589,700.00	-	-	-	589,700.00	589,700.00
Development of Construction Mat. & Appro.	46,650.00	-	46,650.00	-	-	-	46,650.00	46,650.00
Development of M.I.S.	2,500,000.00	-	2,500,000.00	-	-	-	2,500,000.00	2,500,000.00
Dynamic Analysis Cutting Parameter	93,300.00	-	93,300.00	-	-	-	93,300.00	93,300.00
Dynamic Analysis Cutting Parameter	6,950.00	-	6,950.00	-	-	-	6,950.00	6,950.00
Electrical Engg. Deptt. (P.G.)	21,350.00	-	21,350.00	-	-	-	21,350.00	21,350.00
Electrical Engg. Deptt. (U.G.)	124,700.00	-	124,700.00	-	-	-	124,700.00	124,700.00
Electronics Engg. Deptt. (U.G.)	10,900.00	-	10,900.00	-	-	-	10,900.00	10,900.00
Examination Fees	365,584.00	-	365,584.00	-	-	-	365,584.00	365,584.00
Excellence in Rec.	7,425,931.00	-	7,425,931.00	-	-	-	7,425,931.00	7,425,931.00
Excellence in Reek (Net Working)	1,898,045.00	-	1,898,045.00	-	-	-	1,898,045.00	1,898,045.00
General Utility Equipment/ Upd.& Expa.of Lab.	4,064,343.00	-	4,064,343.00	-	-	-	4,064,343.00	4,064,343.00
High Speed Communication Lab.	129,025.00	-	129,025.00	-	-	-	129,025.00	129,025.00
High Speed Computer (WAN)	7,092,823.00	-	7,092,823.00	-	-	-	7,092,823.00	7,092,823.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
High Speed Internet Access	4,629,491.00	-	4,629,491.00	-	-	-	4,629,491.00	4,629,491.00
Information Tech (U.G.)	100,000.00	-	100,000.00	-	-	-	100,000.00	100,000.00
Infrastructure in Area of Weakness	6,564,080.00	-	6,564,080.00	-	-	-	6,564,080.00	6,564,080.00
Institutional Network Scheme	8,303,260.00	-	8,303,260.00	-	-	-	8,303,260.00	8,303,260.00
Library Operating Cost	24,600.00	-	24,600.00	-	-	-	24,600.00	24,600.00
Maintenance of Computer & Equip. (Reek)	435,632.00	-	435,632.00	-	-	-	435,632.00	435,632.00
MCA Contingencies	12,733.00	-	12,733.00	-	-	-	12,733.00	12,733.00
Mechanical Engg. Deptt (P.G.)	277,400.00	-	277,400.00	-	-	-	277,400.00	277,400.00
Mechanical Engg. Deptt (U.G.)	115,000.00	-	115,000.00	-	-	-	115,000.00	115,000.00
Mod of Computational Facilities	17,249.00	-	17,249.00	-	-	-	17,249.00	17,249.00
Mod. of Survey & Remote Sensing Lab.	886,751.00	-	886,751.00	-	-	-	886,751.00	886,751.00
Nodal Centre	252,797.00	-	252,797.00	-	-	-	252,797.00	252,797.00
Office Contingency	6,000.00	-	6,000.00	-	-	-	6,000.00	6,000.00
Placement Charges	77,900.00	-	77,900.00	-	-	-	77,900.00	77,900.00
Project Account	949,406.00	-	949,406.00	-	-	-	949,406.00	949,406.00
Q.I.P. Poly	12,900.00	-	12,900.00	-	-	-	12,900.00	12,900.00
R.E.C.British University Collaboration.	10,364,040.00	-	10,364,040.00	-	-	-	10,364,040.00	10,364,040.00
Research & Consultancy	462,073.00	-	462,073.00	-	-	-	462,073.00	462,073.00
Training & Placement	92,691.00	-	92,691.00	-	-	-	92,691.00	92,691.00
Depreciation @ 60%	-	-	-	71,239,045.00	53,546.00	71,292,591.00	(71,292,591.00)	(71,239,045.00)
Sub Total	71,328,288.00	-	71,328,288.00	71,239,045.00	53,546.00	71,292,591.00	35,697.00	89,243.00
Assets out of Deferred Government Grants:								
Applied Maths & Science (U.G.)	41,940.00	-	41,940.00	-	-	-	41,940.00	41,940.00
Applied Mechanics Dept.(P.G.)	121,071.00	-	121,071.00	-	-	-	121,071.00	121,071.00
Applied Mechanics Dept.(U.G.)	62,400.00	-	62,400.00	-	-	-	62,400.00	62,400.00
Chemistry Deptt.	18,470.00	6,800.00	25,270.00	-	-	-	25,270.00	18,470.00
Civil Engg. Deptt.(P.G.)	227,350.00	71,190.00	298,540.00	-	-	-	298,540.00	227,350.00
Civil Engg. Deptt.(U.G.)	108,303.00	28,500.00	136,803.00	-	-	-	136,803.00	108,303.00
Computer Centre (Stay & Lab)	229,375.00	-	229,375.00	-	-	-	229,375.00	229,375.00
Computer Sc. Deptt. (P.G.)	23,284.00	48,070.00	71,354.00	-	-	-	71,354.00	23,284.00
Computer Sc. Deptt. (U.G.)	432,678.00	44,515.00	477,193.00	-	-	-	477,193.00	432,678.00
Computer Science Course (Stationery)	126,516.00	36,960.00	163,476.00	-	-	-	163,476.00	126,516.00
GIS Cell	-	18,690.00	18,690.00	-	-	-	18,690.00	-
Electrical Engg. Deptt. (P.G.)	46,088.00	-	46,088.00	-	-	-	46,088.00	46,088.00
Electrical Engg. Deptt. (U.G.)	102,960.00	-	102,960.00	-	-	-	102,960.00	102,960.00
Electronics Engg. Deptt. (U.G.)	153,249.00	93,638.00	246,887.00	-	-	-	246,887.00	153,249.00
General Utility Equipment/ Upd.& Expa.of Lab.	6,960,853.00	13,452,916.00	20,413,769.00	-	-	-	20,413,769.00	6,960,853.00
Humanities Deptt.	13,900.00	52,300.00	66,200.00	-	-	-	66,200.00	13,900.00
Information Tech (U.G.)	84,085.00	37,795.00	121,880.00	-	-	-	121,880.00	84,085.00
Internet Bandwidth - Internet Cabling	276,528.00	-	276,528.00	-	-	-	276,528.00	276,528.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
Library Operating Cost	34,950.00	-	34,950.00	-	-	-	34,950.00	34,950.00
Maint. Of Computer & Equipment	120,386.00	8,700.00	129,086.00	-	-	-	129,086.00	120,386.00
Maths Deptt.	9,300.00	-	9,300.00	-	-	-	9,300.00	9,300.00
MCA Contingency	225,237.00	60,145.00	285,382.00	-	-	-	285,382.00	225,237.00
Mechanical Engg. Deptt (P.G.)	56,752.00	50,375.00	107,127.00	-	-	-	107,127.00	56,752.00
Mechanical Engg. Deptt (U.G.)	65,412.00	115,970.00	181,382.00	-	-	-	181,382.00	65,412.00
MED Workshop	21,600.00	-	21,600.00	-	-	-	21,600.00	21,600.00
Networking	4,831,905.00	-	4,831,905.00	-	-	-	4,831,905.00	4,831,905.00
Research Grant	-	38,320.00	38,320.00	-	-	-	38,320.00	-
OBC Plan Grant	35,721,966.00	3,111,402.00	38,833,368.00	-	-	-	38,833,368.00	35,721,966.00
Physics Deptt.	43,952.00	-	43,952.00	-	-	-	43,952.00	43,952.00
Depreciation @ 60%	-	-	-	40,430,650.00	16,203,688.00	56,634,338.00	(56,634,338.00)	(40,430,650.00)
Sub Total	50,160,510.00	17,276,286.00	67,436,796.00	40,430,650.00	16,203,688.00	56,634,338.00	10,802,458.00	9,729,860.00
Assets out of Institute Receipts								
Computer Stationery Charges	349,773.00	-	349,773.00	-	-	-	349,773.00	349,773.00
Examination Fees	499,154.00	-	499,154.00	-	-	-	499,154.00	499,154.00
MMS/MBA Operating Cost	52,978.00	35,619.00	88,597.00	-	-	-	88,597.00	52,978.00
Placement Charges	21,600.00	137,559.00	159,159.00	-	-	-	159,159.00	21,600.00
Raw Material & Consumable of Lab	85,575.00	-	85,575.00	-	-	-	85,575.00	85,575.00
Student Activity Centre	10,447.00	-	10,447.00	-	-	-	10,447.00	10,447.00
Depreciation @ 60%	-	-	-	960,447.00	139,355.00	1,099,802.00	(1,099,802.00)	(960,447.00)
Sub Total	1,019,527.00	173,178.00	1,192,705.00	960,447.00	139,355.00	1,099,802.00	92,903.00	59,080.00
Assets out of Subsidiaries Fund								
Alumni Association	9,293.00	-	9,293.00	-	-	-	9,293.00	9,293.00
Dean Academic Affairs	34,500.00	-	34,500.00	-	-	-	34,500.00	34,500.00
Nodal Centre	85,306.00	-	85,306.00	-	-	-	85,306.00	85,306.00
Project Account	6,004,858.00	-	6,004,858.00	-	-	-	6,004,858.00	6,004,858.00
R&C Cell	16,915.00	-	16,915.00	-	-	-	16,915.00	16,915.00
Sub Total	6,150,872.00	-	6,150,872.00	-	-	-	6,150,872.00	6,150,872.00
TOTAL	128,659,197.00	17,449,464.00	146,108,661.00	112,630,142.00	16,396,589.00	129,026,731.00	17,081,930.00	16,029,055.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET
SCHEDULE 14 - OTHER FIXED ASSETS

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciati on during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Capital Fund:</u>								
Augmentation of Academic Infrastructure	70,883.00	-	70,883.00	-	-	-	70,883.00	70,883.00
Capital Goods	7,590.00	-	7,590.00	-	-	-	7,590.00	7,590.00
Carpets	75,687.00	-	75,687.00	-	-	-	75,687.00	75,687.00
Civil Engg. Department P.G.	19,980.00	-	19,980.00	-	-	-	19,980.00	19,980.00
Development of Lawn & Gardens	231,657.00	-	231,657.00	-	-	-	231,657.00	231,657.00
Elect. Engg. Department(P.G)	8,700.00	-	8,700.00	-	-	-	8,700.00	8,700.00
Excellence in REC (Library Collection Development)	11,484,666.00	-	11,484,666.00	-	-	-	11,484,666.00	11,484,666.00
Excellence in REC (R & D Supports)	1,639,347.00	-	1,639,347.00	-	-	-	1,639,347.00	1,639,347.00
Furniture	37,780.00	-	37,780.00	-	-	-	37,780.00	37,780.00
General Utility Equipment	109,000.00	-	109,000.00	-	-	-	109,000.00	109,000.00
Maint. & Rep.Institute -- Electric	4,980.00	-	4,980.00	-	-	-	4,980.00	4,980.00
Mech. Engg. Department (P.G.)	4,900.00	-	4,900.00	-	-	-	4,900.00	4,900.00
Office Contingency	17,500.00	-	17,500.00	-	-	-	17,500.00	17,500.00
Strengthening of Infrastructure Facilities	576,492.00	-	576,492.00	-	-	-	576,492.00	576,492.00
Depreciation @ 13.91%	-	-	-	10,764,843.00	490,233.00	11,255,076.00	(11,255,076.00)	(10,764,843.00)
Sub Total	14,289,162.00	-	14,289,162.00	10,764,843.00	490,233.00	11,255,076.00	3,034,086.00	3,524,319.00
<u>Assets out of Deferred Government Grants:</u>								
Applied Mechanics Dept.(P.G.)	44,837.00	-	44,837.00	-	-	-	44,837.00	44,837.00
Applied Mechanics Dept.(U.G.)	-	56,525.00	56,525.00	-	-	-	56,525.00	-
B.O.G. & Other Meetings	6,165.00	-	6,165.00	-	-	-	6,165.00	6,165.00
Chemistry Deptt	33,825.00	-	33,825.00	-	-	-	33,825.00	33,825.00
Civil Engg. Department (P.G.)	9,030.00	-	9,030.00	-	-	-	9,030.00	9,030.00
Computer Center	23,760.00	-	23,760.00	-	-	-	23,760.00	23,760.00
Comupter Sc. Deptt. UG	-	44,946.00	44,946.00	-	-	-	44,946.00	-
Computer Sc. Engg. Deptt (P.G.)	19,260.00	-	19,260.00	-	-	-	19,260.00	19,260.00
Computer Science Course (Stationery)	23,452.00	-	23,452.00	-	-	-	23,452.00	23,452.00
Development of Lawn & Gardens	63,046.00	-	63,046.00	-	-	-	63,046.00	63,046.00
Electronics Engg. Deptt (P.G.)	11,250.00	-	11,250.00	-	-	-	11,250.00	11,250.00
General Utility Equipment	792,209.00	-	792,209.00	-	-	-	792,209.00	792,209.00
Landscaping & Gardening	134,432.00	-	134,432.00	-	-	-	134,432.00	134,432.00
M/R Institute Building & Road	-	32,000.00	32,000.00	-	-	-	32,000.00	-
Maint. & Rep. Hostel - Building & Road	113,882.00	-	113,882.00	-	-	-	113,882.00	113,882.00
Maint. Of Computer & Equipment	190,914.00	-	190,914.00	-	-	-	190,914.00	190,914.00
Maintainance & Repairs - Recurring (OBC)	271,409.00	-	271,409.00	-	-	-	271,409.00	271,409.00
MCA Operating Cost	101,797.00	-	101,797.00	-	-	-	101,797.00	101,797.00

Mech. Engg. Department (U.G.)	207,565.00		207,565.00	-	-	-	207,565.00	207,565.00
MED Workshop	9,980.00		9,980.00	-	-	-	9,980.00	9,980.00
OBC Plan Grant	400,882.00	1,369,022.00	1,769,904.00	-	-	-	1,769,904.00	400,882.00
Renovation of Building Structure	331,880.00	-	331,880.00	-	-	-	331,880.00	331,880.00
Renovation of Electrical System & Facilities	23,400.00	-	23,400.00	-	-	-	23,400.00	23,400.00
Research Grant	51,870.00	-	51,870.00	-	-	-	51,870.00	51,870.00
Student Club	45,235.00	-	45,235.00	-	-	-	45,235.00	45,235.00
Depreciation @ 13.91%	-	-	-	999,365.00	474,777.00	1,474,142.00	(1,474,142.00)	(999,365.00)
Sub Total	2,910,080.00	1,502,493.00	4,412,573.00	999,365.00	474,777.00	1,474,142.00	2,938,431.00	1,910,715.00
<u>Assets out of Institute Receipts</u>								
MMS Operating Cost	24,850.00	-	24,850.00	-	-	-	24,850.00	24,850.00
Placement Charges	101,797.00	-	101,797.00	-	-	-	101,797.00	101,797.00
Utencil Charges	10,440.00	-	10,440.00	-	-	-	10,440.00	10,440.00
Depreciation @ 13.91%	-	-	-	59,782.00	10,753.00	70,535.00	(70,535.00)	(59,782.00)
Sub Total	137,087.00	-	137,087.00	59,782.00	10,753.00	70,535.00	66,552.00	77,305.00
<u>Assets out of Subsidiaries Fund</u>								
Student Welfare Fund	1,015,359.00	-	1,015,359.00	-	-	-	1,015,359.00	1,015,359.00
Sub Total	1,015,359.00	-	1,015,359.00	-	-	-	1,015,359.00	1,015,359.00
TOTAL	18,351,688.00	1,502,493.00	19,854,181.00	11,823,990.00	975,763.00	12,799,753.00	7,054,428.00	6,527,698.00

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET**

SCHEDULE 15 - ELECTRIC INSTALLATIONS

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Capital Fund:</u>								
Air Conditioner (Dean Office)	112,562.00	-	112,562.00	-	-	-	112,562.00	112,562.00
Air Conditioner (Integrated Water Shed)	74,208.00	-	74,208.00	-	-	-	74,208.00	74,208.00
Air Conditioning Plant	209,472.00	-	209,472.00	-	-	-	209,472.00	209,472.00
Civil Engg. Deptt. (P.G.)	29,810.00	-	29,810.00	-	-	-	29,810.00	29,810.00
Computer Sc. Deptt.(U.G)	11,200.00	-	11,200.00	-	-	-	11,200.00	11,200.00
Cooler (Soil Exploration)	3,003.00	-	3,003.00	-	-	-	3,003.00	3,003.00
Electrification of CAC Building	30,000.00	-	30,000.00	-	-	-	30,000.00	30,000.00
Electrification of Computer Building	17,591.00	-	17,591.00	-	-	-	17,591.00	17,591.00
Electrification of Guest House	9,260.00	-	9,260.00	-	-	-	9,260.00	9,260.00
Electrification of Soil Exploration & F.D.	10,579.00	-	10,579.00	-	-	-	10,579.00	10,579.00
Furniture	15,000.00	-	15,000.00	-	-	-	15,000.00	15,000.00
General Utility Equipment	564,833.00	-	564,833.00	-	-	-	564,833.00	564,833.00
Hostel Fans	301,808.00	-	301,808.00	-	-	-	301,808.00	301,808.00
M/R Institute --Electric	29,050.00	-	29,050.00	-	-	-	29,050.00	29,050.00
M/R Institute Furniture	48,900.00	-	48,900.00	-	-	-	48,900.00	48,900.00
Project Account	244,177.00	-	244,177.00	-	-	-	244,177.00	244,177.00
Renovation of Electrical System & Facilities	4,805,815.00	-	4,805,815.00	-	-	-	4,805,815.00	4,805,815.00
School of Non Formal & Continuing Education	45,943.00	-	45,943.00	-	-	-	45,943.00	45,943.00
Stabilizer (Integrated Water Shed Management)	9,960.00	-	9,960.00	-	-	-	9,960.00	9,960.00
T. V. Set (Student Welfare Fund)	87,509.00	-	87,509.00	-	-	-	87,509.00	87,509.00
Tape Recorder (I.I.N.)	3,290.00	-	3,290.00	-	-	-	3,290.00	3,290.00
Depreciation @ 13.91%	-	-	-	4,071,691.00	360,586.00	4,432,277.00	(4,432,277.00)	(4,071,691.00)
Sub Total	6,663,970.00	-	6,663,970.00	4,071,691.00	360,586.00	4,432,277.00	2,231,693.00	2,592,279.00
<u>Assets out of Deferred Government Grants:</u>								
Air Conditioning of MP Hall & Seminar Hall	14,946,027.00	-	14,946,027.00	-	-	-	14,946,027.00	14,946,027.00
Applied Mechanics Dept.(P.G.)	88,188.00	9,500.00	97,688.00	-	-	-	97,688.00	88,188.00
Applied Mechanics Dept.(U.G.)	66,903.00	46,684.00	113,587.00	-	-	-	113,587.00	66,903.00
Automation of Kitchen Hostel	55,000.00	-	55,000.00	-	-	-	55,000.00	55,000.00
Biotech (U.G.)	16,720.00	-	16,720.00	-	-	-	16,720.00	16,720.00
Civil Engg. Deptt. (P.G.)	66,577.00	10,000.00	76,577.00	-	-	-	76,577.00	66,577.00
Civil Engg. Deptt. (U.G.)	129,737.00	-	129,737.00	-	-	-	129,737.00	129,737.00
Computer Sc. Deptt.(P.G.)	33,525.00	-	33,525.00	-	-	-	33,525.00	33,525.00
Computer Sc. Deptt.(U.G.)	18,601.00	-	18,601.00	-	-	-	18,601.00	18,601.00
Computer Science Course Stationary	23,950.00	-	23,950.00	-	-	-	23,950.00	23,950.00
Electrical Engg. Deptt. (P.G)	24,750.00	-	24,750.00	-	-	-	24,750.00	24,750.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
Electrical Engg. Deptt. (U.G)	73,049.00	-	73,049.00	-	-	-	73,049.00	73,049.00
Electronics Engg. Deptt. (P.G.)	24,400.00	-	24,400.00	-	-	-	24,400.00	24,400.00
Electronics Engg. Deptt. (U.G.)	203,800.00	-	203,800.00	-	-	-	203,800.00	203,800.00
General Utility Equipment	7,198,859.00	1,160,360.00	8,359,219.00	-	-	-	8,359,219.00	7,198,859.00
Humanities Deptt	8,850.00	-	8,850.00	-	-	-	8,850.00	8,850.00
Landscaping & Gardening	74,300.00	-	74,300.00	-	-	-	74,300.00	74,300.00
Library Operating Cost	4,900.00	-	4,900.00	-	-	-	4,900.00	4,900.00
M/R Institute Building & Road	-	25,990.00	25,990.00	-	-	-	25,990.00	-
M/R Institute - Electric Maintenance	165,638.00	-	165,638.00	-	-	-	165,638.00	165,638.00
Maint. of Computer & Equipment	1,218,598.00	69,200.00	1,287,798.00	-	-	-	1,287,798.00	1,218,598.00
MCA Contingency	31,690.00	17,025.00	48,715.00	-	-	-	48,715.00	31,690.00
Mech. Engg. Department (P.G.)	46,600.00	11,550.00	58,150.00	-	-	-	58,150.00	46,600.00
Mech. Engg. Department (U.G.)	22,880.00	36,400.00	59,280.00	-	-	-	59,280.00	22,880.00
MED Workshop-UG	5,500.00	-	5,500.00	-	-	-	5,500.00	5,500.00
OBC Plan Grant	17,888,387.00	4,055,430.00	21,943,817.00	-	-	-	21,943,817.00	17,888,387.00
Physics Deptt. (U.G.)	13,500.00	-	13,500.00	-	-	-	13,500.00	13,500.00
Production Engg. Deptt. (U.G.)	51,000.00	-	51,000.00	-	-	-	51,000.00	51,000.00
Renovation of Electrical System & Facilities	32,258,778.00	279,148.00	32,537,926.00	-	-	-	32,537,926.00	32,258,778.00
Research Grant	103,811.00	-	103,811.00	-	-	-	103,811.00	103,811.00
Depreciation @ 13.91%	-	-	-	17,765,010.00	8,738,373.00	26,503,383.00	(26,503,383.00)	(17,765,010.00)
Sub Total	74,864,518.00	5,721,287.00	80,585,805.00	17,765,010.00	8,738,373.00	26,503,383.00	54,082,422.00	57,099,508.00
<u>Assets out of Institute Receipts</u>								
Computer Stationery Charges	108,200.00	-	108,200.00	-	-	-	108,200.00	108,200.00
MMS Operating Cost	-	19,900.00	19,900.00	-	-	-	19,900.00	-
Placement Charges	99,000.00	-	99,000.00	-	-	-	99,000.00	99,000.00
Depreciation @ 13.91%	-	-	-	75,927.00	21,028.00	96,955.00	(96,955.00)	(75,927.00)
Sub Total	207,200.00	19,900.00	227,100.00	75,927.00	21,028.00	96,955.00	130,145.00	131,273.00
<u>Assets out of Subsidiaries Fund</u>								
Project Account	270,254.00	-	270,254.00	-	-	-	270,254.00	270,254.00
R&C Cell	18,775.00	-	18,775.00	-	-	-	18,775.00	18,775.00
Student Welfare Fund	123,920.00	-	123,920.00	-	-	-	123,920.00	123,920.00
Sub Total	412,949.00	-	412,949.00	-	-	-	412,949.00	412,949.00
TOTAL	82,148,637.00	5,741,187.00	87,889,824.00	21,912,628.00	9,119,987.00	31,032,615.00	56,857,209.00	60,236,009.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 16 - VEHICLES

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<i>Assets out of Capital Fund:</i>								
Admission Committee	29,996.00	-	29,996.00	-	-	-	29,996.00	29,996.00
Cycle	850.00	-	850.00	-	-	-	850.00	850.00
Industrial Estate (Cycle)	550.00	-	550.00	-	-	-	550.00	550.00
Maint. & Rep.Institute -- Building & Road	4,740.00	-	4,740.00	-	-	-	4,740.00	4,740.00
Student Welfare Fund	300,359.00	-	300,359.00	-	-	-	300,359.00	300,359.00
Vehicle	4,097,962.00	-	4,097,962.00	-	-	-	4,097,962.00	4,097,962.00
Depreciation @ 13.91%	-	-	-	3,075,533.00	189,026.00	3,264,559.00	(3,264,559.00)	(3,075,533.00)
Sub Total	4,434,457.00	-	4,434,457.00	3,075,533.00	189,026.00	3,264,559.00	1,169,898.00	1,358,924.00
<i>Assets out of Deferred Government Grants:</i>								
General Utility Equipment	698,071.00	-	698,071.00	-	-	-	698,071.00	698,071.00
Landscaping & Gardening	842,284.00	-	842,284.00	-	-	-	842,284.00	842,284.00
Depreciation @ 13.91%	-	-	-	398,722.00	158,801.00	557,523.00	(557,523.00)	(398,722.00)
Sub Total	1,540,355.00	-	1,540,355.00	398,722.00	158,801.00	557,523.00	982,832.00	1,141,633.00
TOTAL	5,974,812.00	-	5,974,812.00	3,474,255.00	347,827.00	3,822,082.00	2,152,730.00	2,500,557.00

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET**

SCHEDULE 17 - FURNITURE & FIXTURES

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<i>Assets out of Capital Fund:</i>								
Academic Account	7,452.00	-	7,452.00	-	-	-	7,452.00	7,452.00
Admission Committee	209,711.00	-	209,711.00	-	-	-	209,711.00	209,711.00
Admission Committee(MMS)	13,881.00	-	13,881.00	-	-	-	13,881.00	13,881.00
Applied Maths & SC (U.G.)	71,635.00	-	71,635.00	-	-	-	71,635.00	71,635.00
Applied Mechanics Deptt. (P.G.)	81,878.00	-	81,878.00	-	-	-	81,878.00	81,878.00
Assets Trf from TEQIP	2,236,348.00	-	2,236,348.00	-	-	-	2,236,348.00	2,236,348.00
Civil Engg. Deptt (PG)	35,200.00	-	35,200.00	-	-	-	35,200.00	35,200.00
Civil Engg. Deptt (UG)	9,800.00	-	9,800.00	-	-	-	9,800.00	9,800.00
Computer Science & Develop.	81,420.00	-	81,420.00	-	-	-	81,420.00	81,420.00
Dev. of High Speed Communication	38,991.00	-	38,991.00	-	-	-	38,991.00	38,991.00
Dev. of Robotics Facility	80,960.00	-	80,960.00	-	-	-	80,960.00	80,960.00
Dev. of VLSI Project	51,306.00	-	51,306.00	-	-	-	51,306.00	51,306.00
Dynamic Analysis Cutting	26,928.00	-	26,928.00	-	-	-	26,928.00	26,928.00
Elect. Engg. Department(P.G)	9,600.00	-	9,600.00	-	-	-	9,600.00	9,600.00
Electronics Engg. Deptt (UG)	46,742.00	-	46,742.00	-	-	-	46,742.00	46,742.00
Equipment of Dispensary	130,801.00	-	130,801.00	-	-	-	130,801.00	130,801.00
Examination Section	521,930.00	-	521,930.00	-	-	-	521,930.00	521,930.00
General Utility Equipment	230,260.00	-	230,260.00	-	-	-	230,260.00	230,260.00
Gymkhana Games & Sports	8,950.00	-	8,950.00	-	-	-	8,950.00	8,950.00
Hostel Furniture	2,524,472.00	-	2,524,472.00	-	-	-	2,524,472.00	2,524,472.00
Industrial Estate	40,248.00	-	40,248.00	-	-	-	40,248.00	40,248.00
Library	20,776,983.00	-	20,776,983.00	-	-	-	20,776,983.00	20,776,983.00
Library P.G.	1,801,095.00	-	1,801,095.00	-	-	-	1,801,095.00	1,801,095.00
M/R Colony Building	13,800.00	-	13,800.00	-	-	-	13,800.00	13,800.00
M/R Colony Furniture	10,000.00	-	10,000.00	-	-	-	10,000.00	10,000.00
M/R Hostel Furniture	5,002.00	-	5,002.00	-	-	-	5,002.00	5,002.00
M/R Institute Building	83,550.00	-	83,550.00	-	-	-	83,550.00	83,550.00
M/R Institute Furniture	92,705.00	-	92,705.00	-	-	-	92,705.00	92,705.00
Main. of Computer & Equip.	218,400.00	-	218,400.00	-	-	-	218,400.00	218,400.00
Mechanical Engg. Deptt(UG)	32,961.00	-	32,961.00	-	-	-	32,961.00	32,961.00
Misc. Exp. of Guest House (User)	102,612.00	-	102,612.00	-	-	-	102,612.00	102,612.00
MMS -Operating Cost	15,900.00	-	15,900.00	-	-	-	15,900.00	15,900.00
Nodal Centre	35,811.00	-	35,811.00	-	-	-	35,811.00	35,811.00
Nodal Centre	9,386.00	-	9,386.00	-	-	-	9,386.00	9,386.00
Parameter Milling	12,134.00	-	12,134.00	-	-	-	12,134.00	12,134.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
Placement Charges	232,060.00	-	232,060.00	-	-	-	232,060.00	232,060.00
Plan - Furniture	20,913,531.00	-	20,913,531.00	-	-	-	20,913,531.00	20,913,531.00
Power of Electronics & Engg. Lab.	14,781.00	-	14,781.00	-	-	-	14,781.00	14,781.00
Product Dev. & Training Centre	1,980.00	-	1,980.00	-	-	-	1,980.00	1,980.00
Project Account	9,136.00	-	9,136.00	-	-	-	9,136.00	9,136.00
Q.I.P. Poly	78,000.00	-	78,000.00	-	-	-	78,000.00	78,000.00
Reek-British Uty. Colabor.	257,171.00	-	257,171.00	-	-	-	257,171.00	257,171.00
Renovation of Building Structure	1,215,601.00	-	1,215,601.00	-	-	-	1,215,601.00	1,215,601.00
SC/ST Exams Training Centre	21,439.00	-	21,439.00	-	-	-	21,439.00	21,439.00
School of Non Formal Continuing	3,590.00	-	3,590.00	-	-	-	3,590.00	3,590.00
Soil Exploration & F.D. Centre	9,610.00	-	9,610.00	-	-	-	9,610.00	9,610.00
Student Club	79,350.00	-	79,350.00	-	-	-	79,350.00	79,350.00
Text Book Lending Bank	24,933.00	-	24,933.00	-	-	-	24,933.00	24,933.00
Depreciation @ 18.10%	-	-	-	38,752,864.00	2,493,668.00	41,246,532.00	(41,246,532.00)	(38,752,864.00)
Sub Total	52,530,034.00	-	52,530,034.00	38,752,864.00	2,493,668.00	41,246,532.00	11,283,502.00	13,777,170.00
<u>Assets out of Deferred Government Grants:</u>								
Applied Mechanics Deptt. (P.G.)	36,575.00	-	36,575.00	-	-	-	36,575.00	36,575.00
Applied Mechanics Deptt. (U.G.)	121,163.00	-	121,163.00	-	-	-	121,163.00	121,163.00
Biotech (U.G.)	22,246.00	-	22,246.00	-	-	-	22,246.00	22,246.00
Civil Engg. Deptt (U.G.)	14,077.00	-	14,077.00	-	-	-	14,077.00	14,077.00
Computer Sc. Deptt. (P.G.)	70,289.00	-	70,289.00	-	-	-	70,289.00	70,289.00
Computer Sc. Deptt. (U.G.)	114,172.00	-	114,172.00	-	-	-	114,172.00	114,172.00
Computer Science Course (Stationery)	165,967.00	132,691.00	298,658.00	-	-	-	298,658.00	165,967.00
Elect. Engg. Department (P.G.)	14,136.00	-	14,136.00	-	-	-	14,136.00	14,136.00
Elect. Engg. Department (U.G.)	67,986.00	-	67,986.00	-	-	-	67,986.00	67,986.00
Electronics Engg. Deptt (P.G.)	15,300.00	-	15,300.00	-	-	-	15,300.00	15,300.00
Electronics Engg. Deptt (U.G.)	29,314.00	-	29,314.00	-	-	-	29,314.00	29,314.00
Faculty/Staff Development Programme	14,207.00	-	14,207.00	-	-	-	14,207.00	14,207.00
General Utility Equipment	347,867.00	47,470.00	395,337.00	-	-	-	395,337.00	347,867.00
Information & Technology (U.G.)	24,328.00	-	24,328.00	-	-	-	24,328.00	24,328.00
M/R Colony Furniture	27,633.00	-	27,633.00	-	-	-	27,633.00	27,633.00
M/R Hostel Building & Road	201,154.00	-	201,154.00	-	-	-	201,154.00	201,154.00
M/R Institute Building & Road	-	38,981.00	38,981.00	-	-	-	38,981.00	-
M/R Hostel Furniture	63,418.00	-	63,418.00	-	-	-	63,418.00	63,418.00
M/R Institute Furniture	19,840.00	6,369.00	26,209.00	-	-	-	26,209.00	19,840.00
Main. of Computer & Equip.	34,451.00	14,841.00	49,292.00	-	-	-	49,292.00	34,451.00
MED Workshop	10,955.00	-	10,955.00	-	-	-	10,955.00	10,955.00
OBC Plan Grant	4,940,376.00	6,971,876.00	11,912,252.00	-	-	-	11,912,252.00	4,940,376.00
Physics Deptt. (U.G.)	35,753.00	-	35,753.00	-	-	-	35,753.00	35,753.00
Plan - Furniture	13,962,202.00	596,936.00	14,559,138.00	-	-	-	14,559,138.00	13,962,202.00

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION			NET BLOCK	
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
Renovation of Building Structure	2,598,982.00	825,256.00	3,424,238.00	-	-	-	3,424,238.00	2,598,982.00
Research Grant	39,637.00	-	39,637.00	-	-	-	39,637.00	39,637.00
Depreciation @ 18.10%	-	-	-	8,181,715.00	4,243,497.00	12,425,212.00	(12,425,212.00)	(8,181,715.00)
Sub Total	22,992,028.00	8,634,420.00	31,626,448.00	8,181,715.00	4,243,497.00	12,425,212.00	19,201,236.00	14,810,313.00
<u>Assets out of Institute Receipts</u>								
Computer Stationery Charges	133,800.00	131,860.00	265,660.00	-	-	-	265,660.00	133,800.00
MMS/MBA Operating Cost	163,666.00	104,877.00	268,543.00	-	-	-	268,543.00	163,666.00
Placement Charges	141,457.00	-	141,457.00	-	-	-	141,457.00	141,457.00
Raw Marterial & Consumables of Lab	25,117.00	-	25,117.00	-	-	-	25,117.00	25,117.00
Depreciation @ 18.10%	-	-	-	154,243.00	98,923.00	253,166.00	(253,166.00)	(154,243.00)
Sub Total	464,040.00	236,737.00	700,777.00	154,243.00	98,923.00	253,166.00	447,611.00	309,797.00
<u>Assets out of Subsidiaries Fund</u>								
Project Account	205,692.00	-	205,692.00	-	-	-	205,692.00	205,692.00
Sub Total	205,692.00	-	205,692.00	-	-	-	205,692.00	205,692.00
TOTAL	76,191,794.00	8,871,157.00	85,062,951.00	47,088,822.00	6,836,088.00	53,924,910.00	31,138,041.00	29,102,972.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 18 - LIBRARY BOOKS

(Amount in Rs.)

DESCRIPTION	GROSS BLOCK			DEPRECIATION		NET BLOCK		
	As at April 01, 2011	Additions/ (Deductions)	As at March 31, 2012	As at April 01, 2011	Depreciation during the year	As at March 31, 2012	As at March 31, 2012	As at March 31, 2011
<u>Assets out of Capital Fund:</u>								
Assets Trf from TEQIP	21,613,554.00	-	21,613,554.00	-	-	-	21,613,554.00	21,613,554.00
Book Bank	45,560.00	-	45,560.00	-	-	-	45,560.00	45,560.00
Book Bank for SC/ST Student	241,004.00	-	241,004.00	-	-	-	241,004.00	241,004.00
Library Books & Journal (Non Plan) PG	6,038,118.00	-	6,038,118.00	-	-	-	6,038,118.00	6,038,118.00
Library Books & Journal (Non Plan) UG	15,752,434.00	-	15,752,434.00	-	-	-	15,752,434.00	15,752,434.00
Library Books & Journal (Plan)	4,940,816.00	-	4,940,816.00	-	-	-	4,940,816.00	4,940,816.00
Library Fee	1,009,136.00	-	1,009,136.00	-	-	-	1,009,136.00	1,009,136.00
Others	2,948,391.00	-	2,948,391.00	-	-	-	2,948,391.00	2,948,391.00
P.D.T.C.	30,000.00	-	30,000.00	-	-	-	30,000.00	30,000.00
Research & Development Cell	1,622.00	-	1,622.00	-	-	-	1,622.00	1,622.00
SC/ST Pre Exams Training Centre	107,728.00	-	107,728.00	-	-	-	107,728.00	107,728.00
School of Non Formal & Continuing Ed.	29,224.00	-	29,224.00	-	-	-	29,224.00	29,224.00
Soil Exploration & F.D. Centre	5,664.00	-	5,664.00	-	-	-	5,664.00	5,664.00
Structural Testing & Designing Centre	1,478.00	-	1,478.00	-	-	-	1,478.00	1,478.00
Depreciation @ 60%	-	-	-	49,226,665.00	2,122,838.00	51,349,503.00	(51,349,503.00)	(49,226,665.00)
Sub Total	52,764,729.00	-	52,764,729.00	49,226,665.00	2,122,838.00	51,349,503.00	1,415,226.00	3,538,064.00
<u>Assets out of Deferred Government Grants:</u>								
Faculty/Staff Development Programme	9,967.00	-	9,967.00	-	-	-	9,967.00	9,967.00
Library (P.G.)	1,803,353.00	-	1,803,353.00	-	-	-	1,803,353.00	1,803,353.00
Research Grant	-	155,925.00	155,925.00	-	-	-	155,925.00	-
Library Books	1,385,658.00	529,239.00	1,914,897.00	-	-	-	1,914,897.00	1,385,658.00
Library Books & Journal (Non Plan) PG	22,340,516.00	-	22,340,516.00	-	-	-	22,340,516.00	22,340,516.00
Library Journal & Periodicals	16,133,406.00	14,889,020.00	31,022,426.00	-	-	-	31,022,426.00	16,133,406.00
Depreciation @ 60%	-	-	-	35,284,639.00	13,177,467.00	48,462,106.00	(48,462,106.00)	(35,284,639.00)
Sub Total	41,672,900.00	15,574,184.00	57,247,084.00	35,284,639.00	13,177,467.00	48,462,106.00	8,784,978.00	6,388,261.00
<u>Assets out of Institute Receipts</u>								
Library Fee	3,089,680.00	-	3,089,680.00	-	-	-	3,089,680.00	3,089,680.00
Depreciation @ 60%	-	-	-	2,765,146.00	194,720.00	2,959,866.00	(2,959,866.00)	(2,765,146.00)
Sub Total	3,089,680.00	-	3,089,680.00	2,765,146.00	194,720.00	2,959,866.00	129,814.00	324,534.00
<u>Assets out of Subsidiaries Fund</u>								
Project Account	285,497.00	-	285,497.00	-	-	-	285,497.00	285,497.00
TEQIP	-	995,352.00	995,352.00	-	-	-	995,352.00	-
Sub Total	285,497.00	995,352.00	1,280,849.00	-	-	-	1,280,849.00	285,497.00
TOTAL	97,812,806.00	16,569,536.00	114,382,342.00	87,276,450.00	15,495,025.00	102,771,475.00	11,610,867.00	10,536,356.00
Tube Well & Water supply (Dep: 13.91%)	750,655.00	-	750,655.00	568,089.00	25,395.00	593,484.00	157,171.00	182,566.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 19 - LOAN & ADVANCES ACCOUNT

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Advances given during the Current Year 2011-12	Advances Adjusted during the Current Year 2011-12	Journal Entry Adjustments	As at March 31, 2012	As at March 31, 2011
<u>LOAN:</u>						
<u>INSTITUTE:</u>						
Imprest earlier years	806,935.00	-	5.00	-	806,930.00	806,935.00
Temporary Staff Advances (Sch. 19.1)	13,185,774.00	14,773,394.00	21,627,489.00	(50,000.00)	6,281,679.00	13,185,774.00
Permanent Imprest (Sch. 19.2)	291,990.00	139,000.00	136,520.00	-	294,470.00	291,990.00
Interest recoverable from GPF	970,000.00	-	-	-	970,000.00	970,000.00
Income Tax Recoverable	-	17,254.00	17,254.00	-	-	-
Science City- Recoverable Expense	54,975.00	18,000.00	-	-	72,975.00	54,975.00
CCB Fund	69,385.00	-	-	-	69,385.00	69,385.00
Sub Total	15,379,059.00	14,947,648.00	21,781,268.00	(50,000.00)	8,495,439.00	15,379,059.00
<u>SUBSIDIARY FUNDS:</u>						
Alumni Association - Advance & Imprest	15,000.00	-	-	-	15,000.00	15,000.00
Alumni Association- Receivable against Unrealised Cheque	15,000.00	-	15,000.00	-	-	15,000.00
Dean Academics - Advances	40,000.00	389,281.00	300,531.00	-	128,750.00	40,000.00
Miscellaneous Advances	806,501.00	-	-	-	806,501.00	806,501.00
Nodal Centre (NTMIS)	500.00	-	-	-	500.00	500.00
Project Account - Advance & Imprest	657,736.00	-	-	-	657,736.00	657,736.00
R&C Cell - Advances & Imprest	394,024.00	-	-	-	394,024.00	394,024.00
R&C Cell - Receivable against Uncleared Cheque	11,650.00	-	-	-	11,650.00	11,650.00
R&C Cell - Receivable from Project Account	137,482.00	-	-	-	137,482.00	137,482.00
R&C Cell - Loan/Cont. to GPF A/c towards Interest	7,800,000.00	-	-	-	7,800,000.00	7,800,000.00
SC/ST Pre Exam Training Centre	508.00	-	-	(508.00)	-	508.00
SNFCE - Advance & Imprest	-	244,995.00	244,995.00	-	-	-
SNFCE - Receivable against FDP	1,486,074.00	-	-	-	1,486,074.00	1,486,074.00
Student Welfare Fund - Advance	-	101,600.00	28,793.00	-	72,807.00	-
Student Welfare Fund - LIC	37,636.00	-	-	-	37,636.00	37,636.00
Sub Total	11,402,111.00	735,876.00	589,319.00	(508.00)	11,548,160.00	11,402,111.00

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Advances given during the Current Year 2011-12	Advances Adjusted during the Current Year 2011-12	Journal Entry Adjustments	As at March 31, 2012	As at March 31, 2011
<u>OTHERS:</u>						
Loan to Tanzanian Student Project	251,000.00	-	-	-	251,000.00	251,000.00
Loan to Student Subsidiary Funds	91,000.00	-	-	-	91,000.00	91,000.00
Sub Total	342,000.00	-	-	-	342,000.00	342,000.00
SUB TOTAL (A)	27,123,170.00	15,683,524.00	22,370,587.00	(50,508.00)	20,385,599.00	27,123,170.00
<u>ADVANCES - ON CAPITAL ACCOUNT:</u>						
Pending Adjustment with Contractors (Earlier years)	45,705.00	-	-	-	45,705.00	45,705.00
Advances for Fixed Assets & Revenue Expenses (Sch. 19.3)	230,031,748.00	125,339,178.00	215,645,457.00	-	139,725,469.00	230,031,748.00
SUB TOTAL (B)	230,077,453.00	125,339,178.00	215,645,457.00	-	139,771,174.00	230,077,453.00
GRAND TOTAL (A+B)	257,200,623.00	141,022,702.00	238,016,044.00	(50,508.00)	160,156,773.00	257,200,623.00

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
GROUPINGS FORMING PART OF THE SCHEDULES TO BALANCE SHEET**

Temporary Advances to Employees (Sch 19.1)

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
1	Dr. A.D Bhatt	5,000.00
2	Dr. Asheesh Kr. Singh	99,718.00
3	Dr. Deepesh Tiwari	636.00
4	Dr. G.P. Sahu	2,000.00
5	Dr. K.M. Gupta	102,407.00
6	Dr. Manisha Sachan	40.00
7	Dr. Naresh Kumar	(636.00)
8	Dr. P.P. Sahay	80,000.00
9	Dr. Paulson Samuel	154,000.00
10	Dr. Piyali Ghosh, Lect	(897.00)
11	Dr. Priyaranjan Pal	33,339.00
12	Dr. R.K. Singh	30,000.00
13	Dr. Raj Mohan Singh	24,263.00
14	Dr. Rajeev Tripathi	2,000.00
15	Dr. Rajesh Gupta	5,964.00
16	Dr. Rajesh Kumar Shastri	109,950.00
17	Dr. Rakesh Kumar	29,426.00
18	Dr. S.N. Pandey	224,919.00
19	Dr. Sahadeo Padhey	65,962.00
20	Dr. Satish Chand	(2,500.00)
21	Dr. Shailendra Kumar Mishra	70,000.00
22	Dr. Shivesh Sharma	(29,100.00)
23	Dr. Sunita Agrawal	80,000.00

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
24	Dr. Tripti Singh	(3,600.00)
25	Dr. Vijay Shankar Tripathi	15,000.00
26	Election Advance	117,000.00
27	Festival Advance To Staff	3,092,200.00
28	House Building & Vechile Advance	1,298,859.00
29	Smt. Sangeeta Rani	1,369.00
30	Smt. Sweta Ranjan	40,984.00
31	Sri Abhay Raj Singh	15,000.00
32	Sri Akshay Ranjan Paul	7,750.00
33	Sri Anil Kumar,	5,000.00
34	Sri Arvind Kumar	60.00
35	Sri Bechan Ram	5,000.00
36	Sri Brijesh Kumar	452.00
37	Sri Devi Prasad Pant	79,998.00
38	Sri H.I. Malik	4,400.00
39	Sri Jyotsna Sinha	80,000.00
40	Sri K.K. Dubey	3,260.00
41	Sri K.K. Mishra	(3,700.00)
42	Sri Mukesh Kumar	6,850.00
43	Sri Nitin Singh	80,000.00
44	Sri Purushottam Lal	605.00
45	Sri R.K. Sharma	3,000.00
46	Sri R.K. Verma	4,554.00
47	Sri Rabindra Kr. Patel	24,172.00
48	Sri Rajeev Gupta	(280.00)
49	Sri Rajeev Srivastava	6,955.00
50	Sri Ramesh Kr. Tripathi	27,400.00
51	Sri Ritesh Kumar Sahu	2,700.00

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
52	Sri S.K. Mishra	3,000.00
53	Sri S.K. Sen	9,324.00
54	Sri Samir Saraswati	2,000.00
55	Sri Sanjay Singh	94,806.00
56	Sri Sanjay Yadav	22,640.00
57	Sri Satanand Yadav	4,500.00
58	Sri Sumedha Chakma	143,930.00
		<hr/> <hr/> 6,281,679.00

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
GROUPINGS FORMING PART OF THE SCHEDULES TO BALANCE SHEET**

Permanent Imprest to Employees (Sch 19.2)

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
1	Dr. Asheesh Kr. Singh FIP	15,000.00
2	Dr. Asheesh Kr. Singh, O/c EDC	10,000.00
3	Dr. Asheesh Kr. Singh, O/c EDC	2,000.00
4	Dr. D.K.Yadav, Warden Tondon Hostel	2,000.00
5	Dr. Deepesh Tiwari, III Cell	2,000.00
6	Dr. K.K Shukla Proff. (Chief Proctor)	2,000.00
7	Dr. K.K Shukla Proff. (HAMD)	15,000.00
8	Dr. K.N. Pandey O.C Vehicle	10,000.00
9	Dr. M.M. Gore	10,000.00
10	Dr. N.D. Pandey, Prof.	10,000.00
11	Dr. Nand Kishore	2,000.00
12	Dr. Nirjhar Roy HMED	15,000.00
13	Dr. P.K. Mishra, Prof	4,470.00
14	Dr. P.P. Sahay, Prof.	5,000.00
15	Dr. Piyali Ghosh	2,000.00
16	Dr. R.A. Mishra	2,000.00
17	Dr. R.K Srivastava Prof & Dean, P&D	2,000.00
18	Dr. R.K Srivastava Prof & Dean, P&D	3,000.00
19	Dr. R.K. Singh, President SAC	4,000.00
20	Dr. R.M Singh	2,000.00
21	Dr. R.P Tiwari A/P AMD	2,000.00
22	Dr. R.P Tiwari Prof & Head	10,000.00
23	Dr. Rajeev Tripathi, Dean Academic (Prof. T & P)	10,000.00

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
24	Dr. Rajeev Tripathi, Dean Academic(Head Elec.)	10,000.00
25	Dr. S.J Pawar A/P	2,000.00
26	Dr. Sanjay Chaubey	2,000.00
27	Dr. Shailendra Kumar Mishra M/O	15,000.00
28	Dr. Shiv Dutt Kumar	5,000.00
29	Dr. Vinod Yadav, Chief Warden	2,000.00
30	Smt. Shweta Ranjan	15,000.00
31	Sri A.K Singh Prof CED	5,000.00
32	Sri A.K. Singh, AE(E)	10,000.00
33	Sri A.K. Srivastava, AE(M)	5,000.00
34	Sri Abhay Raj Singh, Hort. Asstt.	2,000.00
35	Sri Asim Mukherjee	2,000.00
36	Sri B.D. Tripathi	10,000.00
37	Sri K.K. Shukla U.D.C	5,000.00
38	Sri Prabhat Ranjan, System Manager	10,000.00
39	Sri R.C. Verma, JE	2,000.00
40	Sri R.K. Sharma, JE	3,000.00
41	Sri S.K.Tiwari, Librarian	9,000.00
42	Sri S.P.Verma, PTI	2,000.00
43	Sri Sanjay Singh, JE	10,000.00
44	Sri Sarvesh Kumar Tiwari, Registrar	2,000.00
45	Sri U.S.Sharma, Dy. Registrar (A/cs)	20,000.00
46	Sri U.S.Sharma, Dy. Registrar (A/cs)	5,000.00
		<hr/> <hr/> 294,470.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
GROUPINGS FORMING PART OF THE SCHEDULES TO BALANCE SHEET

Advances for Fixed Assets & Revenue Expenses (Sch 19.3)

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
1	Agrawal Furnitures	92,400.00
2	Anjali Electronics, Allahabad	8,100.00
3	Autometer Alliance Ltd., Noida	68,360.00
4	Batra Electronic Cottage, Allahabad	23,490.00
5	Bhargava Engg. Works Ltd.	60,800.00
6	Bhushan & Bhushan , Delhi	125,928.00
7	Bombay Machinery, Allahabad	14,490.00
8	Carrier Air con Ltd., Daman	43,346.00
9	Chemico Instruments Pvt. Ltd. New Delhi	7,000.00
10	Comcare Enterprises, Allahabad	147,022.00
11	EDS Technologies, Bangalore	110,000.00
12	Elite Furniture, Allahabad	423,162.00
13	F.A. & CAO N Rly, New Delhi	22,112,506.00
14	Gaur Electricals, Allahabad	68,580.00
15	HCL Infosystems Ltd., Pondicherry	460,634.00
16	Hydraulic Engg. Instrument, Delhi	280,155.00
17	Indian Institute of Foreign Trade, Delhi	14,935.00
18	Indian Oil Corporation, Allahabad	10,962.00
19	Jamuna Marketing Pvt. Ltd., Allahabad	187,034.00
20	Jay Pee Cement, Allahabad	34,500.00
21	Lab India Instrument, Thane	11,703.00
22	Lalji Enterprises, Allahabad	5,000.00
23	Mack Electrical & Equipment, Nasik	65,350.00
24	Matra Distributor, Kanpur	6,615.00

(Amount in Rs.)

Sl.No.	Particulars	Closing Balance as on 31/03/2012
25	Minimax Electronics, Bangalore	13,208.00
26	Peco Cooling Towers, New Delhi	213,390.00
27	Pericom Systems, Allahabad	175,620.00
28	Point Stationery, Allahabad	13,189.00
29	Prayag Electric Co., Allahabad	5,625.00
30	Prism Cement, Allahabad	147,400.00
31	Project Officer Neda, Allahabad	135,143.00
32	Quartz Marketing Systems, Kanpur	108,061.00
33	Rai & Co. Allahabad	120,697.00
34	Ranial Graphics, Allahabad	92,388.00
35	Richa Medical Agencies, Allahabad	(21.00)
36	Rites Ltd., Gurgaon	108,721,344.00
37	S.N. Aqua Systems, Delhi	69,360.00
38	S.R.K. Systems, Allahabad	5,600.00
39	Sahani Refrigeration, Allahabad	78,690.00
40	Scientech Technologies Pvt. Ltd., New Delhi	9,208.00
41	Shaan Traders, Allahabad	129,736.00
42	Sharda Enterprises, Allahabad	303,290.00
43	Shivam Paints, Allahabad	35,696.00
44	Surgico Medicare Agency, Allahabad	6,250.00
45	Tata Motors Ltd, New Delhi	1,740,323.00
46	Tele Links, Allahabad	7,065.00
47	Total Presentation Devices (P) Ltd. , New Delhi	168,000.00
48	Tritech Enterprises, Allahabad	87,903.00
49	Versatile Constructions, Allahabad	2,422,000.00
50	Voltas Ltd., Lucknow	534,232.00
		<hr/> <hr/> 139,725,469.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 20 - RECOVERABLE DEPOSITS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Payments During the Year	Receipts During the Year	As at March 31, 2012	As at March 31, 2011
<u>INSTITUTE</u>					
G.I. for Students	34,351.00	1,145,795.00	359,450.00	820,696.00	34,351.00
Group Insurance Scheme	6,000.00	1,019,842.00	1,023,091.00	2,751.00	6,000.00
Security & Earnest Money	637,880.00	-	135,000.00	502,880.00	637,880.00
<u>SUBSIDIARIES</u>					
Security & Earnest Money	7,106.00	-	-	7,106.00	7,106.00
TOTAL	685,337.00	2,165,637.00	1,517,541.00	1,333,433.00	685,337.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 21 - DEPOSITS / INVESTMENTS

(Amount in Rs.)

Particulars	Opening Balance as on 01/04/2011	Deposited during the Year	Encashed during the Year	As at March 31, 2012		As at March 31, 2011
<u>General Provident Fund:</u>						
Treasury Account	1,007,349.00	-	-	1,007,349.00		1,007,349.00
Fixed Deposit with Bank	134,376,189.00	114,964,167.00	111,865,755.00	137,474,601.00		134,376,189.00
Savings Bank Account	21,006,783.00	30,978,269.19	21,006,783.19	30,978,269.00		21,006,783.00
Interest Accrued on FDR-GPF	8,994,996.00	4,915,675.00	8,994,996.00	4,915,675.00		8,994,996.00
Interest Receivable from Treasury	12,511,172.00	-	-	<u>12,511,172.00</u>	86,887,066.00	12,511,172.00
<u>Contributory Provident Fund:</u>						
Savings Bank Account	4,491,179.00	-	4,050,869.00	440,310.00		4,491,179.00
Fixed Deposit Receipt	6,972,498.00	5,344,331.00	-	12,316,829.00		6,972,498.00
Interest Accrued on FDR-CPF	575,010.00	502,418.00	307,272.00	<u>770,156.00</u>	13,527,295.00	575,010.00
<u>Term Deposit</u>						
<u>Institute:</u>						
TDR -- Institute - SBI	100,000.00	100,000,000.00	100,000.00	100,000,000.00		100,000.00
TDR -- Institute - Vijaya Bank	82,950,620.00	-	82,950,620.00	-		82,950,620.00
TDR -- Institute - Bank of Baroda	48,257,654.00	4,672,685.00	-	52,930,339.00		48,257,654.00
TDR -- Out of Caution Money	9,896,283.00	76,540.00	-	<u>9,972,823.00</u>	162,903,162.00	9,896,283.00
<u>Subsidiary Funds:</u>						
T.D.R. with S.N.F.C.E.	9,800,000.00	-	-	9,800,000.00		9,800,000.00
T.D.R. with Student Welfare Fund	7,354,751.00	92,140.00	-	7,446,891.00		7,354,751.00
T.D.R. with Industrial Estate	19,700,000.00	2,500,000.00	1,400,000.00	20,800,000.00		19,700,000.00
T.D.R. with G.K. Agarwal Trust	300,000.00	-	-	300,000.00		00,000.00
T.D.R. with Alumni Association	1,929,203.00	1,006,246.00	-	2,935,449.00		1,929,203.00
T.D.R. with R&C Cell	110,535,357.00	-	-	110,535,357.00		110,535,357.00
T.D.R. with Sponsored Gold Medal	204,592.00	2,126.00	-	206,718.00		204,592.00
T.D.R. with Project Account	14,714,121.00	-	-	<u>14,714,121.00</u>	166,738,536.00	14,714,121.00
TOTAL	<u>495,677,757.00</u>			<u>530,056,059.00</u>		<u>495,677,757.00</u>

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 22 - ACCRUED INTEREST

(Amount in Rs.)

Particulars	As at March 31, 2012	As at March 31, 2011
<u>On Term Deposit</u>		
<u>Institute:</u>		
TDR - Institute	6,405,350.00	943,137.00
<u>Subsidiary Funds:</u>		
T.D.R. with Alumni Association	33,961.00	9,397.00
T.D.R. with R&C Cell	3,031,352.00	3,031,352.00
T.D.R. with Sponsored Gold Medal	2,155.00	1,509.00
<u>Student Welfare Fund</u>		
T.D.R. with Student Welfare Fund	192,869.00	127,575.00
T.D.R. out of Caution Money	274,260.00	224,819.00
Total	9,939,947.00	4,337,789.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 23 - MISCELLANEOUS EXPENDITURE

Particulars	(Amount in Rs.)				
	Opening Balance as on 01/04/2011	Payments During the Year	Receipts During the Year	As at March 31, 2012	As at March 31, 2011
Board of Apprenticeship Training	684,541.00	346,270.00	-	1,030,811.00	684,541.00
CSIR Delhi	122,828.00	640,841.00	721,071.00	42,598.00	122,828.00
Fellowship (MHRD)	47,489.00	-	-	147,489.00	147,489.00
ICCCT (Dr. A.K. Misra)	(115,760.00)	959,642.00	562,000.00	281,882.00	-
ICSSR Project	-	192,000.00	-	192,000.00	-
National Seminar (HSS Department)	140,017.00	-	-	140,017.00	140,017.00
PHE Stip & Contingency	45,485.00	-	-	45,485.00	45,485.00
QIP Polytechnique	2,063,223.00	569,928.00	-	2,633,151.00	2,063,223.00
QIP Stipend & Contingency	336,794.00	1,768,719.00	1,463,000.00	642,513.00	336,794.00
Seminar on Electric Power Conversion	72,458.00	-	-	72,458.00	72,458.00
UPCST Domestic Waste Water Treatment	79,402.00	-	-	79,402.00	79,402.00
Workshop Virtual Instrumentation & Its Application	1,556.00	-	-	1,556.00	1,556.00
Total	3,578,033.00	4,477,400.00	2,746,071.00	5,309,362.00	3,693,793.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF BALANCE SHEET

SCHEDULE 24 - CLOSING BALANCE OF CASH AND BANK

(Amount in Rs.)

Particulars	Current Year 2011-12			Previous Year 2010-11		
	Balance with Bank	Balance in Hand	Total Cash & Bank Balance	Balance with Bank	Balance in Hand	Total Cash & Bank Balance
Cash Balance in Hand	-	30,952.00	30,952.00	-	78,102.00	78,102.00
SUB TOTAL(A)	-	30,952.00	30,952.00	-	78,102.00	78,102.00
<u>BALANCE WITH BANKS -</u>						
<u>(ON CURRENT ACCOUNT):</u>						
<u>INSTITUTE:</u>						
with State Bank of India - Power Jyoti	91,207,757.00	-	91,207,757.00	43,021,401.00	-	43,021,401.00
with State Bank of India - Fees A/c	40,797,626.00	-	40,797,626.00	6,527,878.00	-	6,527,878.00
SUB TOTAL	132,005,383.00	-	132,005,383.00	49,549,279.00	-	49,549,279.00
<u>SUBSIDIARY FUNDS:</u>						
Admission Committee	704,312.00	-	704,312.00	704,312.00	-	704,312.00
Class Pilot Project	-	-	-	41,279.00	-	41,279.00
Industrial Estate	1,713,703.00	-	1,713,703.00	1,101,835.00	-	1,101,835.00
Kitchen Project	6,272.00	-	6,272.00	6,272.00	-	6,272.00
SC/ST Pre Exam Training Centre	-	-	-	25,794.00	-	25,794.00
School of Non Formal & Cont. Education	5,669,993.00	-	5,669,993.00	5,461,969.00	-	5,461,969.00
Sponsored Gold Medal	24,050.00	-	24,050.00	23,145.00	-	23,145.00
SUB TOTAL	8,118,330.00	-	8,118,330.00	7,364,606.00	-	7,364,606.00
SUB TOTAL(B)	140,123,713.00	-	140,123,713.00	56,913,885.00	-	56,913,885.00

(Amount in Rs.)

Particulars	Current Year 2011-12			Previous Year 2010-11		
	Balance with Bank	Balance in Hand	Total Cash & Bank Balance	Balance with Bank	Balance in Hand	Total Cash & Bank Balance
<u>BALANCE WITH BANKS - (ON SAVINGS & AUTOSWEEP ACCOUNT):</u>						
<u>INSTITUTE:</u>						
with State Bank of India	-	-	-	38,309,552.00	-	38,309,552.00
with Vijaya Bank	307,870,004.00	-	307,870,004.00	149,845,134.00	-	149,845,134.00
<u>General Corpus Fund</u>						
State Bank of India - Corpus Fund	3,408,970.00	-	3,408,970.00	3,281,974.00	-	3,281,974.00
State Bank of India - Scaff Development Fund	1,136,458.00	-	1,136,458.00	1,094,121.00	-	1,094,121.00
State Bank of India - Development/Renewal Fund	568,331.00	-	568,331.00	547,158.00	-	547,158.00
State Bank of India - Maintenance Fund	568,331.00	-	568,331.00	547,158.00	-	547,158.00
SUB TOTAL	313,552,094.00	-	313,552,094.00	193,625,097.00	-	193,625,097.00
<u>SUBSIDIARY FUNDS:</u>						
Text Book Lending Bank	382,362.00	-	382,362.00	350,813.00	-	350,813.00
G.K. Agarwal Trust	123,645.00	-	123,645.00	79,376.00	-	79,376.00
Nodal Centre	201,099.00	-	201,099.00	201,099.00	-	201,099.00
Product Development & Training Centre	165,339.00	-	165,339.00	159,113.00	-	159,113.00
Student Welfare Fund	6,027,018.00	-	6,027,018.00	3,626,637.00	-	3,626,637.00
Alumni Association	971,488.00	-	971,488.00	456,330.00	-	456,330.00
TEQIP - II	19,078,931.00	-	19,078,931.00	-	-	-
Research & Consultancy Cell	4,313,988.00	-	4,313,988.00	4,313,988.00	-	4,313,988.00
Dean Academic Affairs	11,762,199.00	-	11,762,199.00	15,755,547.00	-	15,755,547.00
Project Account	7,593,753.00	-	7,593,753.00	7,593,753.00	-	7,593,753.00
SUB TOTAL	50,619,822.00	-	50,619,822.00	32,536,656.00	-	32,536,656.00
SUB TOTAL (C)	364,171,916.00	-	364,171,916.00	226,161,753.00	-	226,161,753.00
GRAND TOTAL (A+B+C)	504,295,629.00	30,952.00	504,326,581.00	283,075,638.00	78,102.00	283,153,740.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 25 - FEES FROM STUDENTS

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
<u>Tuition Fees:</u>		
Tuition Fees B.Tech	80,845,504.00	65,074,576.00
Tuition Fees MBA	4,417,000.00	2,952,000.00
Tuition Fees MCA	2,616,000.00	2,226,000.00
Tuition Fees M.Tech	26,950,500.00	18,890,030.00
Tuition Fees Ph.D	657,124.00	644,000.00
Tuition Fees M.Sc.	156,225.00	77,278.00
Tuition Fees MSW	273,650.00	333,250.00
Sub Total:	115,916,003.00	90,197,134.00
<u>Other Fees:</u>		
Admission Fees M.Tech	142,900.00	107,900.00
Admission Fees MBA	28,000.00	24,400.00
Admission Fees MCA	43,700.00	37,100.00
Admission Fees PhD	64,500.00	64,400.00
Admission/Registration Fees B.Tech	720,600.00	594,900.00
Day Fees B.Tech	827,550.00	575,250.00
Day Fees M.Tech	250,225.00	188,825.00
Day Fees MBA	64,550.00	43,050.00
Day Fees MCA	62,025.00	64,925.00
Day Fees Ph.D	72,900.00	91,450.00
Development Fees	896,350.00	981,000.00

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
Enrollment Fees	122,000.00	138,300.00
Identity Card Fees	90,275.00	88,925.00
Lab Fees B.Tech	1,362,550.00	1,384,250.00
Lab Fees M.Tech	357,500.00	269,500.00
Lab Fees MBA	91,850.00	61,500.00
Lab Fees MCA	129,675.00	92,750.00
Lab Fees Ph.D	161,500.00	145,325.00
Library Fees	2,221,290.00	1,863,009.00
Magazine Fees	450,800.00	382,300.00
Placement Charges	1,480,500.00	1,422,975.00
Student Welfare Fees	367,400.00	3,144,250.00
Syllabus Fees	327,500.00	332,000.00
Sub Total:	10,336,140.00	12,098,284.00
TOTAL	126,252,143.00	102,295,418.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 26 - OTHER RECEIPTS FROM STUDENTS

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
Bus Charges from Student	399,181.00	170,929.00
Case of Study - MBA	216,000.00	183,000.00
Computer Stationery Charges	2,698,000.00	2,548,040.00
Cost of Books & Teaching Material	720,000.00	605,000.00
E-Mail Charges	3,580,225.00	3,209,125.00
Hostel Electricity Charges	5,434,250.00	4,779,600.00
Hostel Fan Charges	1,052,250.00	914,850.00
Hostel Replacement Charges	883,825.00	632,300.00
Hostel Room Rent	2,719,250.00	2,361,905.00
Hostel Utensils	674,810.00	609,900.00
Medical Fees	2,003,582.00	1,799,468.00
NRI Fees	44,577,130.00	30,217,203.00
Private Use of Vehicle	101,537.00	120,148.00
TOTAL	65,060,040.00	48,151,468.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 27 - OTHER INCOME AND MISCELLANEOUS RECEIPTS

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
Application Fees for Appointment	5,200.00	-
Electricity Charges- Staff Quarter	829,498.00	615,925.00
Guest House Receipts	669,206.00	574,330.00
Library Misc. Receipt	161,074.00	146,435.00
M.Tech/Ph.D/M.Sc. Admission Form	2,510,000.00	2,677,350.00
MBA Admission Form	633,900.00	461,750.00
Medical Registration Fees	468.00	435.00
Miscellaneous Receipts Institute	779,189.00	605,228.00
Miscellaneous Receipts Institute - Prior Period	-	82,200.00
Recreation Fees	2,423,000.00	1,989,400.00
Rent from Staff Quarter	613,835.00	603,078.00
Sale of Tender Form	141,300.00	101,900.00
Sponsorship	50,000.00	-
Visiting Guest & Faculty - MBA	1,051,200.00	890,660.00
Water Charges Staff Quarter	10,742.00	10,639.00
TOTAL	9,878,612.00	8,759,330.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 28 - INTEREST ON DEPOSIT AND OTHER INTEREST

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
<u>Interest on Savings/ Term Deposit:</u>		
1) <u>On Term Deposits with Schedule Banks:</u>		
Main Institute	7,564,665.00	3,843,023.00
Main Institute- Accrued	6,405,350.00	943,137.00
2) <u>On Savings Account with Schedule Bank:</u>		
Main Institute	5,912,659.00	9,835,485.00
<u>Other Interest:(from Rites Ltd, Gurgaon)</u>		
Main Institute	11,407,321.00	2,067,002.00
Main Institute - Prior Period	2,469,111.00	10,754,250.00
TOTAL	33,759,106.00	27,442,897.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 29 - INCOME FROM SUBSIDIARY FUNDS

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
1) <u>Interest on Savings/ Term Deposit:</u>		
a) <u>On Term Deposits with Schedule Banks:</u>		
Alumni Association	196,990.00	75,376.00
G.K. Agarwal Trust	19,126.00	8,813.00
Industrial Estate	824,344.00	1,050,370.00
Project Account	-	916,703.00
Research & Consultancy Cell	-	3,921,717.00
SNFCE	742,040.00	777,297.00
Sponsored Gold Medal	617.00	5,405.00
Student Welfare Fund	2,057,125.00	344,594.00
Student Welfare Fund - Prior Period	-	333,162.00
	3,840,242.00	
b) <u>Accrued Interest:</u>		
T.D.R. with Alumni Association	33,961.00	9,397.00
T.D.R. with R&C Cell	-	3,031,352.00
T.D.R. with Sponsored Gold Medal	2,155.00	1,509.00
<u>Student Welfare Fund</u>		
T.D.R. with Student Welfare Fund	143,300.00	118,692.00
T.D.R. with Student Welfare Fund - Prior Period	-	8,883.00
T.D.R. out of Caution Money	102,668.00	122,098.00
	282,084.00	

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
c) On Savings Account with Schedule Bank:		
Alumni Association	37,465.00	45,211.00
Alumni Association - Prior Period	-	29.00
Dean Academic Affairs	522,286.00	456,076.00
G.K. Agarwal Trust	25,143.00	2,630.00
I.T.N.Course	-	488.00
Nodal Centre (NTMIS)	-	29,077.00
P.D.T.C.	6,226.00	5,492.00
Project Account	-	658,271.00
Research & Consultancy Cell	-	482,452.00
SNFCE	212,721.00	204,883.00
Sponsored Gold Medal	905.00	742.00
Student Welfare Fund	177,070.00	118,457.00
TEQIP - II	74,521.00	-
Text Book Lending Bank	13,911.00	11,544.00
	<hr/>	
		1,070,248.00
2) Revenue Income:		
Alumni Association	1,171,125.00	2,459,798.50
Alumni Association - Prior Period Income	1,083,474.00	-
Class Pilot Project - Prior Period Income	94.00	-
Dean Academic Affairs	-	9,504,758.00
Industrial Estate	1,675,201.00	1,655,999.00
Industrial Estate - Prior period Income	-	-
Nodal Centre	-	4,353,000.00
Project Account	-	-
R & C Cell- Prior period Income	-	-
Research & Consultancy Cell	-	1,082,324.00
SC/ST Pre Exam Training Centre - Prior Period Income	9,644.00	-

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
SNFCE	1,508,910.00	2,000.00
Sponsored Gold Medal	-	-
Student Welfare Fund	421,000.00	927,650.00
TEQIP	-	-
Text Book Lending Bank	43,936.00	44,086.00
TOTAL	11,105,958.00	32,770,335.50

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 30 - PAY AND ALLOWANCE

(Amount in Rs.)

Particulars	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
<u>ACADEMIC ESTABLISHMENT</u>					
Pay Direction & Teaching (U.G)	86,937,251.00	6,521,956.00	6,434,602.00	86,849,897.00	55,324,584.00
Allowances					
Dearness Allowance	42,471,418.00	3,982,662.00	3,704,619.00	42,193,375.00	32,825,030.00
HRA	2,571,524.00	200,750.00	230,096.00	2,600,870.00	4,356,783.00
Transport Allowances	5,576,999.00	384,686.00	445,560.00	5,637,873.00	8,880,882.00
Pay Teaching Staff (P.G.)	6,496,487.00	660,980.00	468,280.00	6,303,787.00	7,848,210.00
Allowances					
Dearness Allowance	3,623,203.00	409,386.00	269,794.00	3,483,611.00	3,466,474.00
HRA	159,144.00	13,002.00	13,392.00	159,534.00	292,177.00
Transport Allowances	317,118.00	26,080.00	22,120.00	313,158.00	622,240.00
<u>NON-ACADEMIC OFFICERS</u>					
Pay Administrative Officer (U.G)	4,436,896.00	396,750.00	323,400.00	4,363,546.00	4,044,191.00
Allowances					
Dearness Allowance	2,213,276.00	224,214.00	185,787.00	2,174,849.00	1,716,574.00
HRA	170,776.00	13,926.00	14,394.00	171,244.00	155,632.00
Transport Allowances	362,320.00	26,080.00	28,440.00	364,680.00	269,328.00

(Amount in Rs.)

Particulars	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
<u>NON-ACADEMIC ESTABLISHMENT</u>					
Pay Other Staff (U.G)	41,497,198.00	2,858,655.00	2,748,290.00	41,386,833.00	42,053,626.00
Allowances					
Dearness Allowance	19,291,829.00	1,796,845.00	1,586,833.00	19,081,817.00	16382538.00
HRA	3,810,681.00	318,750.00	309,258.00	3,801,189.00	3981833.00
Transport Allowances	4,185,613.00	238,560.00	322,320.00	4,269,373.00	2637878.00
Pay Others Staff- (P.G.)	395,524.00	30,550.00	31,900.00	396,874.00	452,210.00
Allowances					
Dearness Allowance	210,832.00	18,994.00	18,270.00	210,108.00	200,786.00
HRA	49,480.00	4,042.00	4,164.00	49,602.00	48,150.00
Transport Allowances	38,760.00	2,608.00	3,160.00	39,312.00	32,544.00
Pay Contractual Staff	27,693,439.00	2,070,610.00	2,677,830.00	28,300,659.00	20,247,341.00
<u>ARREARS</u>					
Pay Revision - Teaching	-	-	2,147,311.00	2,147,311.00	58,246,086.00
Pay Revision - Non Teaching	66,104.00	-	20,132.00	86,236.00	225,890.00
TOTAL	252,575,872.00	20,200,086.00	22,009,952.00	254,385,738.00	264,310,987.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 31 - OTHER ALLOWANCES

Particulars	(Amount in Rs.)				
	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
<u>Allowances: (U.G)</u>					
Other Allowances	99,672.00	8,640.00	7,740.00	98,772.00	104,363.00
Bonus	849,684.00	-	-	849,684.00	891,132.00
<u>Allowances: (P.G)</u>					
Other Allowances	720.00	60.00	60.00	720.00	720.00
Composite Transfer Expenses	310,574.00	-	-	310,574.00	97,746.00
Cummulative Professional Development Allowance	13,292,625.00	-	-	13,292,625.00	4,666,694.00
Earned Leave Encashment on LTC	680,242.00	54,629.00	-	625,613.00	1,146,035.00
Honorarium	-	-	-	-	20,000.00
Incentive Of Higher Education	-	-	-	-	4,000.00
Leave Encashment	6,932,415.00	232,704.00	264,500.00	6,964,211.00	4,326,391.00
Leave Salary Contribution	150,756.00	-	-	150,756.00	-
Pension Contribution	92,880.00	-	-	92,880.00	-
T.A. on Retirement	19,580.00	-	-	19,580.00	-
TOTAL	22,429,148.00	296,033.00	272,300.00	22,405,415.00	11,257,081.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 32 - RETIREMENT BENEFITS

(Amount in Rs.)

Particulars	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
<u>U.G. Course:</u>					
Commuted Value of Pension	8,952,091.00	202,359.00	329,203.00	9,078,935.00	5,242,942.00
Gratuity	9,381,577.00	405,233.00	436,425.00	9,412,769.00	6,019,475.00
Medical Allowance (Pensioner)	3,275,691.00	2,090,091.00	105,900.00	1,291,500.00	2,565,410.00
New Pension Scheme	3,576,157.00	300,303.00	340,901.00	3,616,755.00	4,417,056.00
Pension Pay	30,814,880.00	2,398,738.00	2,998,988.00	31,415,130.00	27,533,268.00
Pension Relief	22,158,136.00	1,249,416.00	1,754,224.00	22,662,944.00	15,266,420.00
<u>ARREARS</u>					
Pay Revision - Pension	-	-	-	-	6,020,188.00
TOTAL	78,158,532.00	6,646,140.00	5,965,641.00	77,478,033.00	67,064,759.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
SCHEDULE 33 - ADMINISTRATIVE EXPENSES- GENERAL EXPENSES

(Amount in Rs.)

Particulars	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
B.O.G. & Meetings	710,424.00	-	-	710,424.00	991,943.00
Computer Centre-Stationery & Library	210,532.00	-	-	210,532.00	199,956.00
Computer Science Course Stationery	226,829.00	-	-	226,829.00	177,959.00
Convocation	1,096,238.00	-	-	1,096,238.00	844,520.00
General Utility Equipment	591,958.00	-	-	591,958.00	1,436,375.00
Honorarium & TA to Invited Experts	34,300.00	-	-	34,300.00	6,000.00
Legal Charges	254,163.00	-	-	254,163.00	80,520.00
Library Newspaper & Magazine	-	-	-	-	17,547.00
Library Operating Cost	206,578.00	-	-	206,578.00	109,642.00
Liveries to Staff	177,477.00	-	-	177,477.00	165,267.00
LTC	3,337,395.00	-	-	3,337,395.00	2,047,476.00
Maintenance of Computer & Equipment	3,683,292.00	-	-	3,683,292.00	4,871,485.00
MBA Admission	421,166.00	-	-	421,166.00	263,757.00
MCA- Contingency	96,431.00	-	-	96,431.00	146,948.00
ME/Ph.D/M.Sc. Admission Form	-	-	-	-	521,400.00
Misc. Expenses -- Colony & Guest House	107,816.00	-	-	107,816.00	176,616.00
Misc. Expenses -- Hostel	93,318.00	-	-	93,318.00	112,697.00
Recreation Club Teaching & Non Teaching	25,000.00	-	-	25,000.00	20,000.00
Reimbursement of Tuition Fees	3,932,742.00	-	-	3,932,742.00	1,461,133.00
Rental Charges of Internet Bandwidth	3,219,818.00	-	-	3,219,818.00	4,708,281.00
Research Grant	47,519.00	-	-	47,519.00	318,271.00
Security Staff Pay/Security Charges	11,621,057.00	924,937.00	1,414,046.00	12,110,166.00	11,235,852.00
Travelling & Conveyance Expenses	643,692.00	-	-	643,692.00	1,100,568.00
Uncredited Income (Earlier Years) - Prior Period Item	168,534.00	-	-	168,534.00	-
TOTAL	30,906,279.00	924,937.00	1,414,046.00	31,395,388.00	31,014,213.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 34 - ADMINISTRATIVE EXPENSES- OTHER CONTINGENT EXPENSES

Particulars	(Amount in Rs.)				
	Expenditure for the year ended on 31/03/2012	Journal Entry Adjustment		Current Year 2011-12	Previous Year 2010-11
		Provision as on 01/04/2011	Provision as on 31/03/2012		
Advertisement & Publicity	1,558,220.00	-	-	1,558,220.00	1,437,650.00
Anti Ragging Squad	162,644.00	-	-	162,644.00	219,578.00
Audit Fees AGUP	-	-	-	-	-
Chartered Accountant Fees	165,450.00	165,450.00	179,776.00	179,776.00	177,810.00
<u>Contribution to Provident Fund:</u>					
Direction & Teaching	208,836.00	23,562.00	24,270.00	209,544.00	785,740.00
Teaching Staff (P.G.)	79,572.00	-	-	79,572.00	216,618.00
Hospitality Expenses	-	-	-	-	50,000.00
Miscellaneous Contingencies	716,977.00	-	-	716,977.00	708,351.00
Postage	48,676.00	-	-	48,676.00	47,372.00
Printing & Stationery	590,495.00	-	-	590,495.00	348,931.00
Rent & Taxes - Hostel & Colony	4,328.00	-	-	4,328.00	7,771,223.00
Telephone	621,177.00	70,229.00	49,874.00	600,822.00	686,083.00
Training for Faculty Staff	8,155.00	-	-	8,155.00	35,110.00
TOTAL	4,164,530.00	259,241.00	253,920.00	4,159,209.00	12,484,466.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 35 - ADMINISTRATIVE EXPENSES- OTHER EDUCATIONAL EXPENSES

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
Admission/Registration Fees B.Tech	-	316,500.00
Case of Study	295,535.00	233,759.00
Computer Stationery	173,251.00	560,506.00
Cost of Books & Teaching Material	64,933.00	135,421.00
E-Mail Charges	-	1,468,933.00
Medical Charges	2,812,301.00	-
MMS/MBA Operating Cost	353,548.00	407,101.00
Placement Charges	805,379.00	319,090.00
Preparation of Identity Card	49,610.00	26,584.00
Publication of Magazine	347,967.00	-
Raw Material & Consumable of Lab	248,897.00	-
Seminar & Conference	360,968.00	268,618.00
Student Club & Hostel - Newspaper	12,750.00	39,231.00
Student Club/Student Activity Centre	2,584,599.00	1,811,284.00
Summer Semester/Winter Semester	-	6,620.00
Vechile Charges for Private use	176,613.00	-
Visiting Guest & Faculty	101,219.00	67,628.00
TOTAL	8,387,570.00	5,661,275.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 36 - DOC/CONSUMABLES/ACADEMIC DEPARTMENTS AND CENTERS

Particulars	(Amount in Rs.)	
	Current Year 2011-12	Previous Year 2010-11
<u>Purchases - Consumables (U.G.):</u>		
Applied Mechanics Department	392,931.00	336,211.00
Biotech Department	228,257.00	300,000.00
Chemistry Department	237,548.00	188,972.00
Civil Engineering Department	401,981.00	415,185.00
Computer Science Department	305,215.00	614,965.00
Electrical Engineering Department	434,232.00	432,937.00
Electronics Engineering Department	302,474.00	272,169.00
Humanities Department	56,790.00	72,777.00
Information Technology	227,994.00	130,155.00
Maths Department	96,608.00	76,511.00
Mechanical Engineering Department	468,052.00	323,222.00
Physics Department	132,410.00	128,182.00
Training & Placement	95,773.00	116,272.00
Workshop - Mechanical Department	110,788.00	21,049.00
<u>Purchases - Consumables (P.G.):</u>		
Applied Mechanics Department	190,856.00	196,229.00
Biotech Department	-	9,792.00
Civil Engineering Department	322,329.00	140,282.00
Computer Science Department	90,226.00	194,178.00
Electrical Engineering Department	142,220.00	25,069.00
GIS Cell	46,440.00	124,610.00
Mechanical Engineering Department	155,223.00	148,407.00
PG Operating Cost	231,574.00	-
TOTAL	4,669,921.00	4,267,174.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 37 - MAINTENANCE AND REPAIR TO VEHICLE, OFFICE EQUIPMENT & FURNITURE

(Amount in Rs.)		
Particulars	Current Year 2011-12	Previous Year 2010-11
Repairs & Maintenance of Vehicles including POL	748,798.00	677,115.00
TOTAL	748,798.00	677,115.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
SCHEDULE 38 - HOUSE KEEPING AND ESTATE MAINTENANCE

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
<u>Maintenance & Repairs - Building:</u>		
Institute	337,356.00	533,516.00
Hostel	172,595.00	29,989.00
Colony	553,806.00	49,130.00
<u>Maintenance & Repairs - Electricals:</u>		
Institute	460,332.00	251,078.00
Hostel	117,489.00	9,945.00
Colony	117,490.00	-
<u>Maintenance & Repairs - Lawns & Gardens:</u>		
Institute	162,951.00	73,606.00
Sponsorship	14,500.00	-
Augmentation of Academic & Infrastructure	-	260,000.00
Extension of Dispensary	634,725.00	-
Furniture	95,981.00	-
Golden Jubilee Celebration	3,372,035.00	1,243,517.00
III Cell	19,449.00	18,695.00
Landscaping & Gardening	247,529.00	670,504.00
NIT Guest House, Delhi	150,000.00	150,000.00
OBC Plan Grant - Revenue Expenses	5,524,586.00	32,932,202.00
OBC Plan Grant - Chemistry Operating Cost	46,849.00	-
Renovation of Building Structure	8,481,800.00	4,502,245.00
Renovation of Electric System & Facilities	737,448.00	341,805.00
TOTAL	21,246,921.00	41,066,232.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 39 - SCHOLARSHIP

(Amount in Rs.)		
Particulars	Current Year 2011-12	Previous Year 2010-11
Scholarship	585,000.00	-
Stipend P.G.	47,594,659.00	33,642,996.00
Stipend Ph.D	21,900,217.00	17,943,402.00
TOTAL	70,079,876.00	51,586,398.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 40 - HEALTH FACILITIES

(Amount in Rs.)		
Particulars	Current Year 2011-12	Previous Year 2010-11
Medical Reimbursement	3,131,457.00	2,430,334.00
Medicine including Doctors visit Fees	3,244,551.00	2,067,292.00
TOTAL	6,376,008.00	4,497,626.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 41 - WATER AND ELECTRICITY CHARGES

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
<u>ELECTRICITY & POWER:</u>		
Colony	3,929,027.00	3,184,147.00
Hostel	9,310,000.00	10,432,538.00
Institute	23,652,265.00	17,374,303.00
SUB TOTAL (A)	36,891,292.00	30,990,988.00
WATER CHARGES	5,572,316.00	9,813,017.00
SUB TOTAL (B)	5,572,316.00	9,813,017.00
GRAND TOTAL (A+B)	42,463,608.00	40,804,005.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 42 - INTEREST EXPENSES

(Amount in Rs.)

Particulars	Current Year 2011-12	Previous Year 2010-11
<u>SUBSIDIARY FUNDS</u>		
On Others Loans		
Industrial Estate	301,894.00	301,894.00
PDTC	27,062.00	27,062.00
Total	328,956.00	328,956.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD
SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT

SCHEDULE 43 - EXPENDITURE OF SUBSIDIARIES

(Amount in Rs.)		
Particulars	Current Year 2011-12	Previous Year 2010-11
Alumni Association	986,532.00	2,103,884.50
Alumni Association - Prior Period	-	50.00
Dean Academic Affairs	4,426,884.00	7,312,536.00
I.T.N. Course	-	5,000.00
Industrial Estate	639,270.00	699,051.00
Nodal Centre (NTMIS)	-	4,191,059.00
Project Account	-	21,328.00
Research & Consultancy Cell	-	3,019,319.00
School of Non Formal Continuing Education	2,255,647.00	1,347,417.00
Student Welfare Fund	48,800.00	521,521.00
TEQIP - II	238.00	-
Text Book Lending Bank	26,298.00	26,244.00
TOTAL	8,383,669.00	19,247,409.50

SCHEDULE 44 - SIGNIFICANT ACCOUNTING POLICIES & NOTES TO ACCOUNTS

ACCOUNTING CONVENTIONS :

The financial statements are prepared on the basis of historical conventions, unless and otherwise stated and on accrual basis of accounting, except receipt of fees from students which is accounted for on cash basis.

FIXED ASSETS:

Fixed assets are included at cost of acquisition inclusive of inward freight, duties and taxes, incidental and direct expenses related to the acquisition. In respect of projects involving construction, related pre operative expenses form part of the value of assets capitalised.

Fixed assets received by way of non - monetary grants (other than towards the corpus) are capitalised at value stated, by corresponding credit to capital reserve.

Fixed assets acquired by Institute /Project/ Subsidiaries Fund are capitalised and disclosed separately.

DEPRECIATION:

Depreciation on fixed assets has been charged at the rates of depreciation prescribed under the Companies Act on WDV method, however for Computer & Peripherals and Library Books rates of depreciation has been taken at 60% on WDV and for Furniture & Fixtures rate has been taken at 18.10% as prescribed for general furniture & fixtures under Companies Act 1956.

Depreciation on fixed assets has been charged to income and expenditure account by corresponding credit to income & expenditure statement from capital fund (for assets created before 01.04.2006) and from deffered income (for assets created w.e.f. 01.04.2006).

GOVERNMENT GRANTS/ SUBSIDIES:

Government Grants relating to depreciable fixed assets has been taken to deferred government grants account from the year 2006-07 to be recognised in the income and expenditure statement on a systematic and rational basis over the useful life of the asset.

Government grants received towards fixed assets are treated as Deferred Government Grants, to the extent fixed assets have been acquired. Government grants and subsidies are accounted on receipt basis and/or where there is a reasonable assurance that the grant will be received. Government grants not utilised during the year is shown as unspent balance of funds under current liabilities to be returned / adjusted in the corresponding next year grants to be received.

Government grants excess utilised during the year has been shown as current assets with corresponding credit to income & expenditure account, to be recoverable / adjusted from the corresponding next year grant to be received.

RETIREMENT BENEFITS:

Gratuity payable on death / retirement of employees is not based on actuarial valuation.

CURRENT ASSETS , LOANS AND ADVANCES:

In the opinion of management the current assets, loans and advances have a value on realisation in the ordinary course of business, equal at least to the aggregate amount shown in the balance sheet.

TAXATION:

Institute being autonomous body exempt from income tax hence no provision for income tax has been made.

Corresponding figure of the previous year have been rearranged/ regrouped wherever necessary.

Figures in brackets () represents (-) negative figures.

NOTES TO ACCOUNTS:

Excess of Income over Expenditure of subsidiaries is being shown separately under the Fund Account of subsidiaries w.e.f year 2006-07.

Excess of Income over Expenditure Account of subsidiaries before 2006-07 has been shown under the fund account of institute.

Interest credited by M/s Rites Ltd, Gurgaon for the year 2010-11 Rs. 24,69,111.00 has been accounted for in current year 2011-12.

WIP on account of M/s DD Ahuja & Bros., Allahabad amounting to Rs. 17,73,97,426.00 after reconciliation has been capitalised in the year FY 2012-2013.

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2012

(Amount in
Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12
	<u>I. OPENING BALANCE:</u>	
126,307.00	Cash in Hand	78,102.00
	<u>Current Account:</u>	
1,762,788.00	State Bank of India - Fees Account	6,527,878.00
2,424,575.00	State Bank of India - Power Jyoti	43,021,401.00
	<u>Savings Account & Autosweep:</u>	
37,004,296.00	State Bank of India	38,309,552.00
327,181,990.00	Vijaya Bank	149,845,134.00
	<u>In Fixed Deposits with Banks:</u>	
	<u>Institute</u>	
45,000,000.00	Bank of Baroda	48,257,654.00
100,000.00	State Bank of India	100,000.00
12,201,870.00	Vijaya Bank	82,950,620.00
	<u>Caution Money</u>	
9,896,283.00	State Bank of India	1,396,283.00
	Vijaya Bank	8,500,000.00
	<u>In Deposit Account:</u>	
1,548,883.00	Contributory Provident Fund	4,491,179.00
1,007,349.00	General Provident Fund - with Treasury	1,007,349.00
8,953,261.00	General Provident Fund - with Vijaya Bank	21,006,783.00
	<u>General Corpus Fund</u>	
3,169,678.00	State Bank of India - Corpus Fund	3,281,974.00
528,436.00	State Bank of India - Development/Renewal Fund	547,158.00
528,436.00	State Bank of India - Maintenance Fund	547,158.00
1,056,684.00	State Bank of India - Staff Development Fund	1,094,121.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12
	<u>In Subsidiary Funds:</u>	
704,312.00	Admission Committee	704,312.00
	<u>Alumni Association :</u>	
1,521,909.00	Savings Account:	456,330.00
400,429.00	Fixed Deposits	1,929,203.00
41,279.00	Class Pilot Project	41,279.00
13,203,319.00	Dean Academic Affairs	15,755,547.00
	<u>G.K. Agarwal Trust :</u>	
67,933.00	Savings Account:	79,376.00
300,000.00	Fixed Deposits	300,000.00
13,699.00	I.T.N.Course	
	<u>Industrial Estate (Rent / Electricity):</u>	
962,749.00	Current Account	1,101,835.00
17,700,000.00	Fixed Deposits	19,700,000.00
6,272.00	Kitchen Project	6,272.00
8,081.00	Nodal Centre (NTMIS)	201,099.00
153,621.00	P.D.T.C.	159,113.00
	<u>Project Account</u>	
11,696,730.00	Savings & Sweep Account:	7,593,753.00
12,624,058.00	Fixed Deposits	14,714,121.00
	<u>Research & Consultancy Cell :</u>	
3,854,274.00	Savings Account:	4,313,988.00
105,893,283.00	Fixed Deposits	110,535,357.00
25,794.00	SC/ST Pre Exam Training Centre	25,794.00
	<u>School of Non Formal Continuing Education :</u>	
5,996,172.00	Current Account	5,461,969.00
9,800,000.00	Fixed Deposits	9,800,000.00
	<u>Sponsored Gold Medal :</u>	
17,538.00	Savings Account:	23,145.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
202,594.00	Fixed Deposits	204,592.00	
	<u>Student Welfare Fund:</u>		
2,784,807.00	Savings Account:	3,626,637.00	
6,929,768.00	Fixed Deposits	7,354,751.00	
321,427.00	Text Book Lending Bank	350,813.00	204,439,286.00
	<u>II. GRANT RECEIVED:</u>		
280,000,000.00	Recurring Grant	430,000,000.00	
20,000,000.00	Non Recurring Grant	315,000,000.00	
150,000,000.00	OBC Recurring Grant	-	
20,000,000.00	OBC Non Recurring Grant	-	745,000,000.00
	<u>From Other Sources:</u>		
62,500.00	BIOPROSP - MNNIT 2010	-	
534,313.00	Conference ICPCES - 2010-11 EED	490,000.00	
31,600.00	Conference on Economic Crisis Management (Dr. Geetika)	-	
-	CSIR Delhi	721,071.00	
1,071,237.00	ICCCT (Dr. A.K. Misra)	562,000.00	
-	QIP Stipend & Contingency	1,463,000.00	
-	U.G.C.	664,000.00	3,900,071.00
	<u>III. INCOME ON INVESTMENT FROM EARMARKED/ ENDOWMENT FUND:</u>		
101,854.00	Interest on Contributory Provident Fund	496,218.00	
21,971,542.00	Interest on General Provident Fund	17,781,794.00	18,278,012.00
	<u>IV. INTEREST RECEIVED:</u>		
	<u>Term Deposits:</u>		
4,006,404.00	Main Institute		8,507,802.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12
	<u>Subsidiary Funds:</u>	
83,869.00	Alumni Association	206,387.00
8,813.00	G.K. Agarwal Trust	19,126.00
1,050,370.00	Industrial Estate	824,344.00
916,703.00	Project Account	-
5,204,920.00	Research & Consultancy Cell	-
777,297.00	School of Non Formal Continuing Education	742,040.00
6,863.00	Sponsored Gold Medal	2,126.00
344,594.00	Student Welfare Fund	2,188,358.00
397,633.00	Student Welfare Fund - Prior Period	-
		<hr/>
		3,982,381.00
	<u>Savings Bank & Autosweep Accounts:</u>	
9,835,485.00	Main Institute	5,912,659.00
	<u>Subsidiary Funds:</u>	
45,211.00	Alumni Association	37,465.00
29.00	Alumni Association - Prior Perid	-
456,076.00	Dean Academic Affairs	522,286.00
2,630.00	G.K. Agarwal Trust	25,143.00
488.00	I.T.N.Course	-
29,077.00	Nodal Centre (NTMIS)	-
5,492.00	P.D.T.C.	6,226.00
658,271.00	Project Account	-
482,452.00	Research & Consultancy Cell	-
204,883.00	School of Non Formal Continuing Education	212,721.00
742.00	Sponsored Gold Medal	905.00
118,457.00	Student Welfare Fund	177,070.00
-	TEQIP - II	74,521.00
11,544.00	Text Book Lending Bank	13,911.00
		<hr/>
		1,070,248.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
	<u>Other (From Rites Ltd., Gurgaon) :</u>		
2,067,002.00	Main Institute	11,407,321.00	
10,754,250.00	Main Institute - Prior Period	<u>2,469,111.00</u>	13,876,432.00
	<u>V. OTHER INCOME:</u>		
	<u>Main Institute:</u>		
2,361,905.00	Hostel Room Rent	2,719,250.00	
603,078.00	Rent from Staff Quarter	613,835.00	
65,074,576.00	Tuition Fees B.Tech	80,845,504.00	
77,278.00	Tuition Fees M.Sc.	156,225.00	
18,890,030.00	Tuition Fees M.Tech	26,950,500.00	
2,952,000.00	Tuition Fees MBA	4,417,000.00	
2,226,000.00	Tuition Fees MCA	2,616,000.00	
333,250.00	Tuition Fees MSW	273,650.00	
644,000.00	Tuition Fees Ph.D	<u>657,124.00</u>	119,249,088.00
	<u>User Receipts:-</u>		
594,900.00	Admission/Registration Fees B.Tech	720,600.00	
107,900.00	Admission/Registration Fees M.Tech	142,900.00	
37,100.00	Admission/Registration Fees MCA	43,700.00	
64,400.00	Admission/Registration Fees Ph.D	64,500.00	
-	Application Fees for Appointment	5,200.00	
170,929.00	Bus Charges from Student	399,181.00	
2,548,040.00	Computer Stationery Charges	2,698,000.00	
575,250.00	Day Fees B.Tech	827,550.00	
188,825.00	Day Fees M.Tech	250,225.00	
64,925.00	Day Fees MCA	62,025.00	
91,450.00	Day Fees Ph.D	72,900.00	
981,000.00	Development Fees	896,350.00	

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12
615,925.00	Electricity Charges- Staff Quarter	829,498.00
3,209,125.00	E-Mail Charges	3,580,225.00
138,300.00	Enrollment Fees	122,000.00
4,779,600.00	Hostel Electricity Charges	5,434,250.00
914,850.00	Hostel Fan Charges	1,052,250.00
632,300.00	Hostel Replacement Charges	883,825.00
609,900.00	Hostel Utensils	674,810.00
88,925.00	Identity Card Fees	90,275.00
574,330.00	Income from Guest House	669,206.00
1,384,250.00	Lab Fees B.Tech	1,362,550.00
269,500.00	Lab Fees M.Tech	357,500.00
92,750.00	Lab Fees MCA	129,675.00
145,325.00	Lab Fees Ph.D	161,500.00
1,863,009.00	Library Fees	2,221,290.00
146,435.00	Library Misc. Receipt	161,074.00
2,677,350.00	M.Tech/Ph.D/M.Sc. Admission Form	2,510,000.00
382,300.00	Magazine Fees	450,800.00
1,799,468.00	Medical Fees	2,003,582.00
435.00	Medical Registration Fees	468.00
605,228.00	Miscellaneous Receipts Institute	779,189.00
82,200.00	Miscellaneous Receipts Institute - Prior Period	-
30,217,203.00	NRI Fees	44,577,130.00
1,422,975.00	Placement Charges	1,480,500.00
120,148.00	Private use of Vehicle	101,537.00
1,989,400.00	Recreation Fees	2,423,000.00
101,900.00	Sale of Tender Form	141,300.00
3,144,250.00	Student Welfare Fees	367,400.00
332,000.00	Syllabus Fees	327,500.00
10,639.00	Water Charges Staff Quarter	10,742.00
		<hr/>
		79,086,207.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
	<u>MBA Course:-</u>		
24,400.00	Admission/Registration Fees MBA	28,000.00	
183,000.00	Case of Study	216,000.00	
605,000.00	Cost of Books & Teaching Material	720,000.00	
43,050.00	Day Fees MBA	64,550.00	
61,500.00	Lab Fees MBA	91,850.00	
461,750.00	MBA Admission Form	633,900.00	
890,660.00	Visiting Guest & Faculty	1,051,200.00	2,805,500.00
	<u>Other Receipts:</u>		
196,150,150.00	Advance adjustment to Parties	215,645,457.00	
7,602,752.00	Advance adjustment to Parties (Secured Advances)	-	
321,600.00	Alumni Association	214,500.00	
-	Amount Transferred from Class Pilot Project	41,373.00	
9,187.00	Amount Transferred from ITN Course	-	
-	Amount Transferred from SC/ST Pre Exam Training Centre	35,438.00	
2,349,409.00	Cancelled Cheques	-	
3,538,937.00	Caution money	4,078,000.00	
-	CCB 2011	666,600.00	
4,530,111.00	CPF	797,244.00	
2,595,550.00	Earnest Money/Security money	1,555,609.00	
497,182.00	Employees loan from SBI	372,575.00	
-	Excess Fees Deposited by Students	-	
11,046,549.00	Examination Fees	13,444,791.00	
455,620.00	G.I for Student	359,450.00	
26,236,829.00	GPF	28,253,333.00	
1,045,602.00	Group Insurance Scheme	1,023,091.00	
55,700.00	Imprest adjustment to Employees	136,520.00	

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
39,630,858.00	Income Tax	21,189,356.00	
-	Income Tax Recoverable	17,254.00	
35,849.00	Khadi	24,947.00	
1,472.00	Lal Imali	-	
1,331,159.00	LIC	1,213,139.00	
4,396,316.00	M.Tech (Part Time)	1,903,700.00	
55,934,500.00	Mess Fees	1,171,399.00	
8,805,632.00	New Pension Scheme	7,152,314.00	
-	NCI & NICS Grant	1,936,153.00	
1,987,774.00	Non Exp-Trf of Income RT	651,454.00	
1,525,929.00	Outside Scholarship	1,567,565.00	
-	Revenue Stamp	9,421.00	
874,011.00	Sales Tax	728,288.00	
-	Security Deposit	135,000.00	
-	Sponsorship	50,000.00	
4,579.00	Staff Advance (Imprest Previous year)	5.00	
16,847,560.00	Temporary Advance adjustment to Employees	21,627,489.00	
-	Union Donation - Teaching & Non Teaching	70,450.00	326,071,915.00

**WORK IN PROGRESS OF PREVIOUS YEARS CAPITALISED
DURING THE YEAR**

3,500,000.00	Centralised Air Conditioning of MP Hall & Seminar Hall (WIP) 2008-09	-
6,306,811.00	Centralised Air Conditioning of MP Hall & Seminar Hall (WIP) 2007-08	-
2,414,332.00	Centralised Air Conditioning of MP Hall & Seminar Hall (WIP) 2009-10	-
-	Construction & Renovation of EDC -WIP (Previous Years) - Consolidated	35,629,153.00
-	OBC Plan Grant (WIP) 2010-11	2,466,060.00
1,196,170.00	RBS (WIP) 2009-10	-
-	RBS (WIP) 2010-11	1,202,995.00
10,215,000.00	RES (WIP) 2004-05	-

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
5,255,565.00	RES (WIP) 2005-06	-	39,298,208.00
	<u>Earmarked/ Endowment Funds:</u>		
	Contributory Provident Fund:		
4,840,442.00	Subscription & Loan Recovery		797,244.00
	General Provident Fund:		
26,673,585.00	Subscription	27,364,409.00	
-	Encashment of TDR	111,865,755.00	
-	Cancelled Cheque - Liability	49,427.00	139,279,591.00
	<u>General Corpus Fund:</u>		
	Corpus Fund		
112,296.00	Revenue Income	126,996.00	
	Development/Renewal Fund		
18,722.00	Revenue Income	21,173.00	
	Maintenance Fund		
18,722.00	Revenue Income	21,173.00	
	Staff Development Fund		
37,437.00	Revenue Income	42,337.00	211,679.00
	<u>Subsidiary Funds:</u>		
	<u>Alumni Association</u>		
231,000.00	Advance Adjustment	-	
2,444,798.50	Revenue Income	1,171,125.00	
-	Prior Period Income	1,077,959.00	
-	Amount Received against Unpaid Cheque (BPCL)	15,000.00	
	<u>Class Pilot Project</u>		
	Uncashed Cheques - Prior Period Income	94.00	
	<u>Dean Academic Affairs</u>		
9,504,758.00	Revenue Income	-	

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12
372,000.00	Advance Adjustment	300,531.00
	<u>Industrial Estate:</u>	
531,531.00	Revenue Income	558,411.00
1,229,200.00	Received From Debtors	966,039.00
27,036.00	Rent Security Received	2,344.00
	<u>Nodal Centre (NTMIS) :</u>	
4,353,000.00	Grant Received	-
2,000.00	Advance Adjustment	-
	<u>Project Account:</u>	
32,983.00	Income Tax	-
9,299,333.00	Project Receipts	-
1,665,182.00	Amount received from R&C Cell	-
	<u>Research & Consultancy Cell:</u>	
1,336,177.00	Revenue Income	-
1,143,045.00	Income Tax	-
700,757.00	Service Tax	-
2,726,377.00	Testing & Consultancy (Pending)	-
	<u>SC/ST Pre Exam Training Centre</u>	
-	Uncashed Cheques - Prior Period Income	9,644.00
	<u>School of Non Formal Continuing Education:</u>	
2,000.00	Revenue Income	1,508,910.00
366,000.00	Advance Adjustment	244,995.00
30,000.00	Amount Payable	-
281,590.00	Income Tax	317,375.00
	<u>Student Welfare Fund</u>	
927,650.00	Revenue Income	421,000.00
-	Advance Adjustment	28,793.00
	<u>TEQIP - II</u>	
-	Grant Received	20,000,000.00

(Amount in Rs.)

Previous Year 2010-11	RECEIPTS	Current Year 2011-12	
44,086.00	<u>Text Book Lending Bank</u> Revenue Income	<u>43,936.00</u>	26,666,156.00
1,823,820,103.50	TOTAL RECEIPTS		2,149,394,825.00

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 2012

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
	<u>I. EXPENSES:</u>	
	<u>I.(a) Establishment Expenses:</u>	
	Salaries & Wages (U.G.):	
20,000.00	Honorarium	-
3,967,321.00	Pay Administrative Officer	4,436,896.00
54,745,679.00	Pay Direction & Teaching	86,937,251.00
42,115,193.00	Pay of Other Staff	41,497,198.00
19,676,731.00	Pay on Contractual Staff	<u>27,693,439.00</u>
		160,564,784.00
	Salaries & Wages (P.G.):	
473,230.00	Pay Others Staff- (P.G.)	395,524.00
7,824,100.00	Pay Teaching Staff (P.G.)	<u>6,496,487.00</u>
		6,892,011.00
	Allowances & Bonus (U.G.):	
	<u>Direction & Teaching:</u>	
30,439,529.00	Dearness Allowance	42,471,418.00
4,344,857.00	HRA	2,571,524.00
8,796,932.00	Transport Allowances	<u>5,576,999.00</u>
		50,619,941.00
	<u>Administrative Officer:</u>	
1,577,749.00	Dearness Allowance	2,213,276.00
155,180.00	HRA	170,776.00
264,544.00	Transport Allowances	<u>362,320.00</u>
		2,746,372.00
	<u>Other Staff:</u>	

891,132.00 Bonus

849,684.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
15,364,160.00	Dearness Allowance	19,291,829.00	
4,006,345.00	HRA	3,810,681.00	
104,663.00	Other Allowances	99,672.00	
2,592,266.00	Transport Allowances	4,185,613.00	
1,091,406.00	Earned Leave Encashment on LTC	680,242.00	
4,000.00	Incentive Of Higher Education	-	
4,093,687.00	Leave Encashment	6,932,415.00	
-	Leave Salary Contribution	150,756.00	
-	Pension Contribution	92,880.00	
4,666,694.00	Professional Development Allowance	13,292,625.00	
-	T.A. on Retirement	19,580.00	49,405,977.00
	Allowances & Bonus (P.G.):		
	<u>Teaching Staff:</u>		
3,227,424.00	Dearness Allowance	3,623,203.00	
291,797.00	HRA	159,144.00	
616,480.00	Transport Allowances	317,118.00	4,099,465.00
	<u>Other Staff:</u>		
195,500.00	Dearness Allowance	210,832.00	
48,032.00	HRA	49,480.00	
32,984.00	Transport Allowance	38,760.00	
720.00	Other Allowances	720.00	299,792.00
	Salary Arrears :		
225,890.00	Pay Revision - Non Teaching	66,104.00	
76,246,086.00	Pay Revision - Teaching	-	66,104.00
	Contribution to Provident Fund:		
792,297.00	Direction & Teaching	208,836.00	

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
4,325,673.00	New Pension Scheme	3,576,157.00	
216,618.00	Teaching Staff (P.G.)	<u>79,572.00</u>	3,864,565.00
	Expenses on Employees Retirement:		
	U.G. Course:		
5,040,583.00	Commuted Value of Pension	8,952,091.00	
97,746.00	Composite Transfer	310,574.00	
5,614,242.00	Gratuity	9,381,577.00	
510,919.00	Medical Allowance (Pensioner)	3,275,691.00	
27,380,783.00	Pension Pay	30,814,880.00	
14,712,644.00	Pension Relief	<u>22,158,136.00</u>	74,892,949.00
	Pension Arrears :		
6,020,188.00	Pay Revision - Pension		-
	<u>I. b) Administrative Expenses:</u>		
	Purchases-- Consumables (U.G.):		
336,211.00	Applied Mechanics Department	392,931.00	
300,000.00	Biotech Engineering Department	228,257.00	
188,972.00	Chemistry Department	237,548.00	
415,185.00	Civil Engineering Department	401,981.00	
614,965.00	Computer Science Department	305,215.00	
432,937.00	Electrical Engineering Department	434,232.00	
272,169.00	Electronics Engineering Department	302,474.00	
72,777.00	Humanities Department	56,790.00	
130,155.00	Information Technology	227,994.00	
76,511.00	Maths Department	96,608.00	
323,222.00	Mechanical Engineering Department	468,052.00	

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
128,182.00	Physics Department	132,410.00	
116,272.00	Training & Placement	95,773.00	
21,049.00	Workshop (M E D)	110,788.00	3,491,053.00
	Purchases-- Consumables (P.G.):		
196,229.00	Applied Mechanics Department	190,856.00	
9,792.00	Biotech Engineering Department	-	
140,282.00	Civil Engineering Department	322,329.00	
194,178.00	Computer Science Department	90,226.00	
25,069.00	Electrical Engineering Department	142,220.00	
124,610.00	GIS Cell	46,440.00	
148,407.00	Mechanical Engineering Department	155,223.00	
-	PG Operating Cost	231,574.00	1,178,868.00
	Electricity & Power:		
3,184,147.00	Colony	3,929,027.00	
10,551,979.00	Hostel	9,310,000.00	
17,374,303.00	Institute	23,652,265.00	36,891,292.00
6,000.00	Honorarium and TA		34,300.00
677,115.00	POL / Maint Rep. Vehicle		748,798.00
47,372.00	Postage		48,676.00
348,931.00	Printing & Stationery		590,495.00
7,771,223.00	Rent & Taxes - Hostel & Colony		4,328.00
268,618.00	Seminar & Conference		360,968.00
680,784.00	Telephone		621,177.00
1,100,568.00	Travelling & Conveyance Expenses (Institute)		643,692.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
9,813,017.00	Water Charges	5,572,316.00
	Expenses on Fees:	
316,500.00	Admission/Registration Fees B.Tech	-
233,759.00	Case of Study	295,535.00
560,506.00	Computer Stationery	173,251.00
135,421.00	Cost of Books & Teaching Material	64,933.00
1,468,933.00	E-Mail Charges	-
263,757.00	MBA Admission Form	421,166.00
521,400.00	ME/Ph.D/M.Sc. Admission Form	-
-	Medical Charges	2,812,301.00
407,101.00	MMS/MBA Operating Cost	353,548.00
319,090.00	Placement Charges	805,379.00
26,584.00	Preparation of Identity Card	49,610.00
-	Publication of Magazine	347,967.00
-	Raw Material & Consumable of Lab	248,897.00
1,811,284.00	Student Activity Centre	2,584,599.00
39,231.00	Student Club & Hostel - Newspaper	12,750.00
6,620.00	Summer Semester/Winter Semester	-
-	Vechile Charges for Private use	176,613.00
67,628.00	Visiting Guest & Faculty	101,219.00
		<hr/>
	Auditor's Remuneration:	
132,360.00	C.A. Fees	165,450.00
1,437,650.00	Advertisement Charges	1,558,220.00
50,000.00	Hospitality Expenses	-

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
	Other Expenses (U.G.):	
219,578.00	Anti Ragging Squad	162,644.00
991,943.00	B.O.G. & Meetings	710,424.00
199,956.00	Computer Centre-Stationery & Library	210,532.00
177,959.00	Computer Science Course Stationery	226,829.00
844,520.00	Convocation	1,096,238.00
-	Institute - Scholarship	585,000.00
80,520.00	Legal Charges	254,163.00
17,547.00	Library Newspaper & Magazine	-
109,642.00	Library Operating Cost	206,578.00
165,267.00	Liveries to Staff	177,477.00
2,047,476.00	LTC	3,337,395.00
4,871,485.00	Maintenance of Computer & Equipment	3,683,292.00
146,948.00	MCA - Contingency	96,431.00
2,430,334.00	Medical Reimbursement	3,131,457.00
2,067,292.00	Medicine	3,244,551.00
176,616.00	Misc. Expenses - Colony & Guest House	107,816.00
112,697.00	Misc. Expenses - Hostel	93,318.00
708,351.00	Misc. Office Contingency	716,977.00
20,000.00	Recreation Club Teaching & Non Teaching	25,000.00
1,461,133.00	Reimbursement of Tuition Fees	3,932,742.00
11,213,610.00	Security Staff Pay/Security Charges	11,621,057.00
35,110.00	Training for Faculty Staff	8,155.00
	<u>Maintenance & Repairs- Building:</u>	
533,516.00	Institute	337,356.00
29,989.00	Hostel	172,595.00
49,130.00	Colony	553,806.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
	<u>Maintenance & Repairs- Electricals:</u>		
251,078.00	Institute	460,332.00	
9,945.00	Hostel	117,489.00	
-	Colony	117,490.00	
	<u>Maintenance & Repairs- Lawns & Gardens:</u>		
73,606.00	Institute	162,951.00	
4,708,281.00	Rental Charges of Internet Band Width	3,219,818.00	38,769,913.00
	Other Expenses (P.G.):		
17,943,402.00	Ph.D Stipend	21,900,217.00	
33,642,996.00	P.G. Stipend	47,594,659.00	69,494,876.00
	<u>Plan- (Revenue):</u>		
260,000.00	Augmentation of Academic & Infrastructure	-	
-	Extension of Dispensary	634,725.00	
-	Furniture	95,981.00	
1,436,375.00	General Utility Equipment	591,958.00	
1,243,517.00	Golden Jubilee Celebration	3,372,035.00	
18,695.00	III Cell	19,449.00	
670,504.00	Landscaping & Gardening	247,529.00	
150,000.00	NIT Guest House, Delhi	150,000.00	
32,932,202.00	OBC Plan Grant	5,524,586.00	
-	OBC Plan Chemistry - Operating Cost	46,849.00	
4,502,245.00	Renovation of Building Structure	8,481,800.00	
341,805.00	Renovation of Electric System & Facilities	737,448.00	
318,271.00	Research Grant	47,519.00	19,949,879.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
	<u>II. PAYMENTS MADE AGAINST FUNDS FOR VARIOUS PROJECTS:</u>		
134,053.00	BIO PROSP - MNNIT 2010	-	
151,062.00	Board of Apprenticeship Training	346,270.00	
443,264.00	Conference ICPCES - 2010-11 EED	111,832.00	
42,158.00	Conference on Economic Crisis Management (Dr. Geetika)	-	
122,828.00	CSIR Delhi	640,841.00	
955,477.00	ICCCT - (Dr. A.K. Misra)	959,642.00	
-	ICSSR Project	192,000.00	
132,783.00	National Seminar (HSS Department)	-	
14,915.00	PHE Stipend & Contingency	-	
1,328,110.00	QIP Polytechnique	569,928.00	
924,752.00	QIP Stipend & Contingency	1,768,719.00	
-	U.G.C.	452,800.00	5,042,032.00
	<u>III. EXPENDITURE ON FIXED ASSETS & CAPITAL WORK IN PROGRESS:</u>		
	Plan Grant-(Central Government)		
2,676,073.00	Augmentation of Academic & Infrastructure	-	
24,353,895.00	Augmentation of Academic & Infrastructure (WIP)	-	
14,946,027.00	Centralised Air Conditioning of MP Hall & Seminar Hall	-	
-	Construction & Renovation of EDC	36,995,833.00	
2,467,683.00	Construction & Renovation of EDC (WIP)	-	
204,433,169.00	Construction of Mega Hostel & Faculty Residence (OBC) (WIP)	225,505,371.00	
3,624,995.00	Furniture	596,936.00	
11,508,527.00	General Utility Equipment	16,759,499.00	
40,000.00	Landscaping & Gardening	-	
30,590,253.00	OBC Plan Grant	33,312,221.00	
3,816,080.00	OBC Plan Grant (WIP)	-	

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
7,713,475.00	RBS	10,242,710.00	
1,800,542.00	RBS (WIP)	1,253,422.00	
16,855,855.00	Renovation of Electric System & Facilities	3,797,798.00	
421,916.00	Research Grant	636,906.00	329,100,696.00
	Non Plan Grant-(Central Government)		
873,491.00	Library Books	529,239.00	
9,850,900.00	Library Journals & Periodicals	14,889,020.00	15,418,259.00
	Purchase of Fixed Assets - User		
95,224.00	Computer Stationery Charges	131,860.00	
134,070.00	MMS Operating Cost	227,243.00	
13,520.00	Placement Charges	137,559.00	
-	Raw Material & Consumable of Lab	20,790.00	
10,447.00	Student Activity Centre	-	517,452.00
	Purchase of Fixed Assets - Departments (Non Plan)		
91,735.00	Applied Mechanics Department (U.G.)	103,209.00	
38,902.00	Applied Mechanics Department (P.G.)	21,155.00	
-	Biotech Engineering Department (U.G.)	14,910.00	
21,337.00	Chemistry Department	6,800.00	
43,538.00	Civil Engg. Department (U.G.)	28,500.00	
353,077.00	Civil Engg. Department (P.G.)	95,890.00	
90,315.00	Computer Sc. Deptt. (U.G.)	89,461.00	
-	Computer Sc. Deptt. (P.G.)	48,070.00	
184,105.00	Comp. Sci. Course Stationery	217,551.00	
8,295.00	Electronics Engg. Department (U.G.)	104,326.00	
68,014.00	Elect. Engg. Department (U.G.)	-	
-	Elect. Engg. Department (P.G.)	39,400.00	

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
-	GIS Cell	18,690.00
-	Humanities Department	52,300.00
-	Information Technology (U.G.)	37,795.00
807,317.00	Maint. Of Computer & Equipment	126,461.00
-	Maint. & Rep. Institute - Furniture	6,369.00
-	Maint. & Rep. Institute - Building & Road	96,971.00
9,300.00	Maths Department	-
77,185.00	MCA - Contingency	120,720.00
-	Mech. Engg. Department (U.G.)	245,756.00
-	Mech. Engg. Department (P.G.)	71,700.00
49,253.00	Physics Department	-
		<hr/>
		1,546,034.00
	<u>IV. OTHER PAYMENTS:</u>	
20,562,409.00	Advance to Employees	14,773,394.00
73,880,631.00	Advance to Parties	125,339,178.00
218,711.00	Advance to Parties (Secured Advances)	-
-	Alumni Association	321,600.00
-	Cancelled Cheques	280,701.00
1,228,000.00	Caution money	1,287,569.00
-	CCB 2011	666,600.00
4,530,111.00	CPF	797,244.00
3,293,593.00	Earnest Money/Security money	1,314,796.00
497,182.00	Employees loan from SBI	372,575.00
9,985,132.00	Examination Fees	10,653,952.00
493,882.00	G.I. for Student	1,145,795.00
26,236,829.00	GPF	28,253,333.00
1,044,927.00	Group Insurance Scheme	1,019,842.00
74,000.00	Imprest to Employees	139,000.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
39,630,858.00	Income Tax	21,139,987.00	
-	Income Tax Recoverable	17,254.00	
35,849.00	Khadi	24,947.00	
1,472.00	Lal Imali	-	
1,562,405.00	LIC	1,213,329.00	
50,000,000.00	Mess Charges	6,308,399.00	
8,805,632.00	New Pension Scheme	7,152,314.00	
-	NCI & NICS Grant	1,936,153.00	
1,117,340.00	Outside Scholarship	1,109,213.00	
-	Revenue Stamp	9,421.00	
874,011.00	Sales Tax	699,513.00	
14,505.00	Science City Expenses	18,000.00	
135,000.00	Security Deposit	-	
-	Sponsorship	14,500.00	
-	Staff Advance (Imprest Previous year)	-	
475,986.00	TEQIP-I Fund	18,300.00	
-	Uncredited Income (Earlier Years) - Prior Period Item	168,534.00	
-	Union Donation - Teaching & Non Teaching	70,450.00	
48,205.00	Undisbursed Cash	47,150.00	226,313,043.00
	<u>Earmarked/ Endowment Funds:</u>		
	Contributory Provident Fund:		
2,000,000.00	TDR Made		5,344,331.00
	General Provident Fund:		
16,132,531.00	Loan & Final Payments	32,076,305.00	
20,459,074.00	TDR Made	114,964,167.00	
-	Payment of Cancelled Cheques	49,427.00	147,089,899.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
	<u>Subsidiary Funds:</u>	
	<u>Alumni Association</u>	
2,098,369.50	Revenue Expenses	986,532.00
50.00	Revenue Expenses - Prior Period	-
234,000.00	Advance/Imprest Given	-
	<u>Capital Expenses:</u>	
9,293.00	Computer & Peripherals	-
	<u>Class Pilot Project</u>	
-	Transferred to Institute	41,373.00
	<u>Dean Academic Affairs :</u>	
7,312,536.00	Revenue Expenses	4,426,884.00
392,000.00	Advance Given	389,281.00
	<u>Capital Expenses:</u>	
76,070.00	Office Equipments	-
	<u>I.T.N. Course :</u>	
5,000.00	Revenue Expenses	-
9,187.00	Transferred to Institute	-
	<u>Industrial Estate:</u>	
699,051.00	Revenue Expenses	639,270.00
	<u>Nodal Centre (NTMIS):</u>	
4,191,059.00	Revenue Expenses	-
	<u>Project Account:</u>	
159,297.00	Advance Given	-
21,328.00	Revenue Expenses	-
35,191.00	Income Tax	-
8,029,232.00	Project Expenditure	-
354,500.00	Liability for Expenses	-
	<u>Capital Expenses:</u>	
5,067,832.00	Plant Machinery & Equipments	-

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
842,039.00	Computer & Peripherals	-
75,967.00	Library Books and Journals	-
	<u>Research & Consultancy Cell:</u>	
2,978,865.00	Revenue Expenses	-
1,665,182.00	Amount transferred to Project Account, MNNIT	-
253,853.00	Amount Refunded to CDA (Army), Meerut	-
16,744.00	Advance Given	-
794,795.00	Income Tax	-
746,357.00	Service Tax	-
27,029.00	Liability for Expenses	-
	<u>Capital Expenses:</u>	
9,115.00	Computer & Peripherals	-
	<u>SC/ST Pre Exam Training Centre</u>	
-	Transferred to Institute	35,438.00
	<u>School of Non Formal Continuing Education:</u>	
1,347,417.00	Revenue Expenses	2,255,647.00
281,725.00	Income Tax	317,375.00
456,831.00	Amount Receivable against FDP	-
110,000.00	Advance/Loan & Imprest	244,995.00
	<u>Student Welfare Fund :</u>	
521,521.00	Revenue Expenses	48,800.00
-	Advance Given	101,600.00
	<u>Capital Expenses:</u>	
-	Other Fixed Assets	95,760.00
	<u>TEQIP - II</u>	
-	Revenue Expenses	238.00
	<u>Capital Expenses:</u>	
-	Library Books and Journals	995,352.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
26,244.00	<u>Text Book Lending Bank :</u> Revenue Expenses	26,298.00	10,604,843.00
	<u>VIII. CLOSING BALANCE:</u>		
78,102.00	Cash in Hand		30,952.00
	<u>Current Account:</u>		
6,527,878.00	State Bank of India - Fees Account	40,797,626.00	
43,021,401.00	State Bank of India - Power Jyoti	91,207,757.00	132,005,383.00
	<u>Savings Account & Autosweep:</u>		
38,309,552.00	State Bank of India	-	
149,845,134.00	Vijaya Bank	307,870,004.00	307,870,004.00
	<u>In Fixed Deposits with Banks:</u>		
	<u>Institute</u>		
48,257,654.00	Bank of Baroda	52,930,339.00	
100,000.00	State Bank of India	100,000,000.00	
82,950,620.00	Vijaya Bank	-	
	<u>Caution Money</u>		
9,896,283.00	State Bank of India	1,472,823.00	
	Vijaya Bank	8,500,000.00	162,903,162.00
	<u>In Deposit Account:</u>		
4,491,179.00	CPF	440,310.00	
1,007,349.00	GPF- with Treasury	1,007,349.00	
21,006,783.00	GPF- with Vijaya Bank	30,978,269.00	
	<u>General Corpus Fund</u>		
3,281,974.00	State Bank of India - Corpus Fund	3,408,970.00	
547,158.00	State Bank of India - Development/Renewal Fund	568,331.00	
547,158.00	State Bank of India - Maintenance Fund	568,331.00	
1,094,121.00	State Bank of India - Staff Development Fund	1,136,458.00	38,108,018.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
	<u>In Subsidiary Funds:</u>	
704,312.00	Admission Committee	704,312.00
	<u>Alumni Association</u>	
456,330.00	Savings Account	971,488.00
1,929,203.00	Fixed Deposits	2,935,449.00
41,279.00	Class Pilot Project	-
15,755,547.00	Dean Academic Affairs	11,762,199.00
	<u>G.K. Agarwal Trust :</u>	
79,376.00	Savings Account:	123,645.00
300,000.00	Fixed Deposits	300,000.00
	<u>Industrial Estate (Rent/Electricity)</u>	
1,101,835.00	Current Account	1,713,703.00
19,700,000.00	Fixed Deposits	20,800,000.00
6,272.00	Kitchen Project	6,272.00
201,099.00	Nodal Centre	201,099.00
159,113.00	P.D.T.C.	165,339.00
	<u>Project Account</u>	
7,593,753.00	Savings & AutoSweep Account	7,593,753.00
14,714,121.00	Fixed Deposits	14,714,121.00
	<u>Research & Consultancy Cell :</u>	
4,313,988.00	Savings & AutoSweep Account	4,313,988.00
110,535,357.00	Fixed Deposits	110,535,357.00
25,794.00	SC/ST Pre Exam Training Centre	-

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12
	<u>School of Non Formal Continuing Education :</u>	
5,461,969.00	Current Account	5,669,993.00
9,800,000.00	Fixed Deposits	9,800,000.00
	<u>Sponsored Gold Medal</u>	
23,145.00	Savings Account	24,050.00
204,592.00	Fixed Deposits	206,718.00

(Amount in Rs.)

Previous Year 2010-11	PAYMENTS	Current Year 2011-12	
	<u>Student Welfare Fund :</u>		
3,626,637.00	Savings Account	6,027,018.00	
7,354,751.00	Fixed Deposits	7,446,891.00	
-	TEQIP - II	19,078,931.00	
350,813.00	Text Book Lending Bank	<u>382,362.00</u>	225,476,688.00
1,823,820,103.50	TOTAL PAYMENTS		2,149,394,825.00

FOR RAMESH C. AGRAWAL AND COMPANY
CHARTERED ACCOUNTANTS

Sd/-

(CA. ROHITASHWA AGRAWAL)
PARTNER

Sd/-

(SARVESH KUMAR TIWARI)
REGISTRAR

Sd/-

(UMA SHANKAR SHARMA)
DY. REGISTRAR A/CS

CHAPTER-12

ANNEXURES

Anenxure-1	NIT Council
Anenxure-2	Board of Governors
Anenxure-3	Finance Committee
Anenxure-4	Building and Works Committee
Anenxure-5	Senate
Anenxure-6	Research Projects & Consultancy
Anenxure-7	Training and Placement

ANNEXURE-1

1. COUNCIL OF NATIONAL INSTITUTES OF TECHNOLOGY (NIT COUNCIL)

1. Minister in charge, Department of Higher Education, Ministry of Human Resource Development, Government of India Chairman (Ex-officio)
2. Secretary, Department of Higher Education, Ministry of Human Resource Development, Government of India Vice-Chairman (Ex-officio)
3. The Chairperson of National Institutes of Technology located at Agartala (Tripura), Allahabad (Uttar Pradesh), Bhopal (Madhya Pradesh) Calicut (Kerala), Durgapur (West Bangal), Hamirpur (Himachal Pradesh), Jaipur (Rajasthan), Jalandhar (Punjab), Jamshedpur (Jharkhand), Kurukshetra (Haryana), Nagpur (Maharashtra), Patna (Bihar), Raipur (Chhattisgarh), Rourkela (Orissa), Silchar (Assam), Srinagar (Jammu & Kashmir), Surat (Gujarat), Surathkal (Karnataka), Tiruchirapalli (Tamil Nadu), and Warangal (Andhra Pradesh) Member (Ex-officio)
4. Director of every National Institute of Technology Member (Ex-officio)
5. The Chairman, University grants Commission Member (Ex-officio)
6. The Director General, Council for Scientific and Industrial Research Member (Ex-officio)
7. Secretary, Department of Bio-Technology, Government of India Member (Ex-officio)
8. Secretary, Department of Atomic Energy, Government of India Member (Ex-officio)
9. Secretary, Department of Information Technology, Government of India Member (Ex-officio)
10. Secretary, Department of Space, Government of India Member (Ex-officio)
11. Chairman, All India Council for Technical Education Member (Ex-officio)
12. Not less than three but not more than five persons to be nominated by the Visitor, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, industry, science or technology Member

- | | |
|--|----------------------------------|
| 13. Three Members of Parliament, of whom two shall be chosen by the House of the People and one by the Council of States. | Member |
| 14. Two Secretaries to the State Government, from amongst the ministries of departments of that Government dealing with technical education where the Institutes are located | Member (Ex-officio) |
| 15. Financial Advisor, Ministry of Human Resource Development, Government of India | Member (Ex-officio) |
| 16. Joint Secretary (Technical)/Additional Secretary (Technical), Department of Higher Education, Ministry of Human Resource Development, Government of India | Member Secretary
(Ex-officio) |

ANNEXURE-2

BOARD OF GOVERNORS

The Board of Governors of the Institute consists of the following members;

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|---|-----------|
| (a) The Chairperson to be nominated by the Visitor | |
| (b) The Director, ex-officio | Member |
| (c) Two persons not below the rank of the Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance, | Member |
| (d) Two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who in the opinion of that Government, are technologist or industrialist of repute | Member |
| (e) Two persons, at least one of whom shall be a women, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council; | Member |
| (f) One professor and one assistant professor or lecturer of the Institute to be nominated by the Senate. | Member |
| (g) Registrar | Secretary |

ANNEXURE-3
FINANCE COMMITTEE

The Finance Committee Consists of the following persons:

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|----|--|----------------------------------|
| 1. | The Chairperson Board of Governor, | Chairman (Ex-officio) |
| 2. | The Director | Member (Ex-officio) |
| 3. | Joint Secretary dealing with National Institutes of Technology or his nominee and Finance Advisor (Human Resource Development) or his nominee members | Member |
| 4. | Two persons nominated by the Board from amongst its members; and | Member |
| 5. | The Registrar (Provided that in addition to the above, the Chairman may, in consultation with the Director, co-opt a member as and when found necessary) | Member-Secretary
(Ex-officio) |

ANNEXURE-4
BUILDING AND WORKS COMMITTEE

The Building and Work Committee consists of the following persons:

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|----|--|-----------------------|
| 1. | The Director of the Institute | Chairman (Ex-officio) |
| 2. | One member nominated by the Central Government not below the rank of Director or Deputy Secretary | Member |
| 3. | One member nominated by the Board of Governors | Member |
| 4. | Registrar, ex-officio | Member-Secretary |
| 5. | Dean, Planning and Development or similar position | Member |
| 6. | One expert each from Civil and Electrical Engineering Wing of the Central or State Government or any autonomous body of repute | Member |

ANNEXURE-5
SENATE

The Senate of the Institute consists of the following persons

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|----|--|-----------------------|
| 1. | The Director of the Institute | Chairman (Ex-officio) |
| 2. | The Deputy Director, | Member (ex-officio) |
| 3. | The professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute; | Member |
| 4. | Three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities; | Member |
| 5. | Registrar | Secretary |
| 6. | Such other members of the staff as may be laid down in the Statutes | |

ANNEXURE -6

**TESTINGS & CONSULTANCY PROJECTS
(01-04-2011- 31-03-2012)**

TC NO.	DATE	NAME AND ADDRESS OF CLIENT	TYPE OF TESTING	NAME OF PRINCIPAL INVESTIGATOR	DEPARTMENT	TESTING CHARGES	SERVICE TAX	TOTAL AMOUNT
1	04-04-2011	Senior Engineer (Construction), Power Grid Corporation of India Ltd. C. L., Allahabad	Course Agg. (40mm) steve crushing value	Dr. P.K. Mehta	Civil Engineering Department	10,000.00	1,030.00	11,030.00
2	04-04-2011	Senior Engineer (Construction), Power Grid Corporation of India Ltd. C. L., Allahabad	Sand Steve Silt content deleterious	Dr. P.K. Mehta	Civil Engineering Department	8,000.00	824.00	8,824.00
3	08-04-2011	The Executive Engineer, U.P. Jal Nigam, Allahabad	Dept. of the Institute for IIIrd party inspection	Dr. R.C. Vaishya	Civil Engineering Department	150,000.00	15,450.00	165,450.00
4	11-04-2011	M/s Unique Construction Sahadatpura, Manjunath Mau	Mix design (M-35)	Dr. P.K. Mehta	Civil Engineering Department	35,000.00	3,605.00	38,605.00
5	13-04-2011	Chief Development Officer, Jhansi	Mortar (Chemical Analysis)	Dr. P.K. Mehta	Civil Engineering Department	10,000.00	1,030.00	11,030.00
6	26-04-2011	M/s HNB Engineers Pvt. Ltd., Duplex No.-36, Ambedkar Vihar Colony, Chowphatka, Allahabad-211011	Conduct tests on sewage samples collected from Ponghat, Allahabad	Dr. R.P. Singh	Civil Engineering Department	33,200.00	3,420.00	36,620.00
7	26-04-2011	M/s M.V. Omni Projects(India) Ltd., 74 New York Tower-A, Thaltej Cross Road, Ahmedabad.	Reg. Ballast Test	Dr. P.K. Mehta	Civil Engineering Department	7,000.00	721.00	7,721.00
8	27-04-2011	Assistant Engineer, Allahabad Development Authority, Allahabad	Testing of Construction Matter, Bricks, Sand etc.	Dr. P.K. Mehta	Civil Engineering Department	53,249.00	5,511.00	58,760.00
						251.00		251.00

9	28-04-2011	M/s Shiv Engineering, B-9, UPSIDC, Naini, Allahabad.	Testing of Wattmeters, Voltmeters and ammeters	Er. Anirudh Narain	Electrical Engineering Department	6,500.00	670.00	7,170.00
10	28-04-2011	Executive Engineer, UP Irrigation, Drainage Div-I, Meerut	Third Party Technical Evaluation Report (Yamuna Hindon Project)	Prof. R.P. Tiwari	Civil Engineering Department	417,626.00	43,015.00	460,641.00
11	28-04-2011	Executive Engineer, UP Irrigation, Drainage Div-I, Meerut	Third Party Technical Evaluation Report (Yamuna Hindon Project)	Prof. R.P. Tiwari	Civil Engineering Department	233,251.00	24,024.00	257,275.00
12	28-04-2011	The Director Chimay, Infra Developers (P) Ltd., Lucknow	Proof Check of Building	Dr. P.K. Mehta	Civil Engineering Department	135,000.00	13,905.00	148,905.00
13	06-05-2011	The Assistant Engineer III, National Highway Division I, P.W.D. Allahabad	Testing of Bitumen	Dr. A.K. Singh	Civil Engineering Department	1,501.00	154.00	1,655.00
14	12-05-2011	Sr. Manager (FQA) Meja Thermal Power Project P.O. Kohdar, Tehsil-Meja, Allahabad-212301	Brick Test	Dr. P.K. Mehta	Civil Engineering Department	5,500.00	567.00	6,067.00
15	12-05-2011	General Manager Padmavati Realtors, Civil Lines, Allahabad	Cubes Comp. Str.	Dr. P.K. Mehta	Civil Engineering Department	5,000.00	515.00	5,515.00
16	16-05-2011	Secretary ADA, Allahabad	Bricks & Mortar	Dr. P.K. Mehta	Civil Engineering Department	12,000.00	1,236.00	13,236.00
17	18-05-2011	Mr. Vishwajit Das, Manager Civil NTPC, Unchachor	Testing of Bitumen	Dr. A.K. Singh	Civil Engineering Department	1,501.00	154.00	1,655.00

18	18-05-2011	Sr. Manager(FQA) Meja Urja Nigam Pvt. Ltd. C.L., Allahabad	Bricks (Warpase Efflorunce)	Dr. P.K. Mehta	Civil Engineering Department	8,000.00	824.00	8,824.00
19	18-05-2011	M/s Subhash Stone Industries Pvt. Ltd., Allahabad	65mm Agg. Ballast test	Dr. P.K. Mehta	Civil Engineering Department	7,000.00	721.00	7,721.00
20	20-05-2011	M/s Vidyut K. Jain Con. Pvt. Ltd., Kundan Bhawan, Sector 23, Indira Nagar, Lucknow	Vetting of sewer network	Dr. R.C. Vaishya	Civil Engineering Department	12,000.00	1,236.00	13,236.00
21	23-05-2011	Executive Engineer, Div-II, U.P. Jal Nigam, Allahabad	Testing of Cube	Dr. P.K. Mehta	Civil Engineering Department	16,000.00	1,648.00	17,648.00
22	23-05-2011	Project Manager, IVRCL Infrastructure & Project Ltd., Allahabad	Mix Design(M20)	Dr. P.K. Mehta	Civil Engineering Department	20,000.00	2,060.00	22,060.00
23	27-05-2011	The Executive Engineer U.P. Irrigation, Meerut	Third Party Check & Evaluation of Yamuna Project	Dr. R.P. Tiwari	Civil Engineering Department	74,150.00	7,637.00	81,787.00
24	27-05-2011	Project Manager, Construction & Design Services, Unit-10, U.P. Jal Nigam Allahabad	Geotechnical Investigation of Soil Sample	Dr. R.P. Tiwari	Civil Engineering Department	32,501.00	3,347.00	35,848.00
25	27-05-2011	Executive Engineer, U.P. Awas Vikas Parishad CD-19, Lucknow	Geotechnical Investigation at Lucknow	Dr. R.P. Tiwari	Civil Engineering Department	470,000.00	48,410.00	518,410.00
26	27-05-2011	Project Manager, U.P. Jal Nigam, C & Ds Unit-33, Allahabad	Preparation of Geotechnical report for OHT	Dr. R.P. Tiwari	Civil Engineering Department	5,000.00	515.00	5,515.00
27	27-05-2011	Executive Engineer, Construction Division-I, Allahabad	Geotechnical Investigation for Building	Dr. R.P. Tiwari	Civil Engineering Department	72,500.00	7,468.00	79,968.00

28	27-05-2011	M/s Nandi Ram's Industries India Limited, Bahadurganj Allahabad	Geotechnical Investigation for Building	Dr. R.P. Tiwari	Civil Engineering Department	37,500.00	3,863.00	41,363.00
29	30-05-2011	M/s HNB Engineers Pvt. Ltd. Ganga Pollution Control Unit, Allahabad.	Vetting of Design of rising main	Dr. R.P. Singh	Civil Engineering Department	25,000.00	2,575.00	27,575.00
30	30-05-2011	Executive Engineer, Div II U.P. Jal Nigam, Allahabad	Cube Test	Dr. P.K. Mehta	Civil Engineering Department	5,000.00	515.00	5,515.00
31	30-05-2011	Asst. Div I Engineer, N.C.R. Mirjapur	2 Ballast Sample	Dr. P.K. Mehta	Civil Engineering Department	14,000.00	1,442.00	15,442.00
32	30-05-2011	Director, Subhash Stone Industries Pvt. Ltd., Sonbhadra	Ballast Sample	Dr. P.K. Mehta	Civil Engineering Department	7,000.00	721.00	7,721.00
33	30-05-2011	Secretary ADA, Allahabad	Bricks & mortar Test	Dr. P.K. Mehta	Civil Engineering Department	12,000.00	1,236.00	13,236.00
34	30-05-2011	Mr. Deepak Kumar Gupta, C-205, Sector-C, Mahanagar, Lucknow	Testing of Bitumen	Dr. A.K. Singh	Civil Engineering Department	4,500.00	464.00	4,964.00
35	30-05-2011	Project Manager, IVRCL Ltd., Allahabad	Sand & Brick Test	Dr. P.K. Mehta	Civil Engineering Department	9,500.00	979.00	10,479.00
36	30-05-2011	M/s Ratna Infrastructure Project, Alld.	Geotechnical Investigation on Meja Urja Nigam P.Ltd.	Dr. R.P. Tiwari	Civil Engineering Department	16,904.00	1,957.00	18,861.00
					Civil Engineering Department	2,100.00	-	2,100.00

37	30-05-2011	Senior Engineer (Construction) Power Grid Corporation of India Ltd., Allahabad	Cubes Test	Dr. P.K. Mehta	Civil Engineering Department	10,000.00	1,030.00	11,030.00
38	30-05-2011	Meja Urja Nigam Pvt. Ltd., Allahabd	Ballast Test	Dr. P.K. Mehta	Civil Engineering Department	10,000.00	1,030.00	11,030.00
39	30-05-2011	Project Manager, IVRCL Ltd., Allahabad	Mix Design	Dr. P.K. Mehta	Civil Engineering Department	20,000.00	2,060.00	22,060.00
40	09-06-2011	Sri Samrat Singh, Major Garrison Engineer(AF) Bamrauli, Allahabad	Analysis of Sewage Filter Waste Water Sample	Dr. R.P. Singh	Civil Engineering Department	110,600.00	11,392.00	121,992.00
41	09-06-2011	Assistant Divisional Engineer (HQ- I) N.C.R., Allahabad	Mix Design(M-30)	Dr. P.K. Mehta	Civil Engineering Department	30,000.00	3,090.00	33,090.00
42	10-06-2011	Sri Rajendra Singh, Vice Chairman Ayodhya Faizabad Development Authority, Faizabad	Feasibility Study of Zone Water supply of Kashi Ram Awas Yojna	Dr.R.C. Vaishya	Civil Engineering Department	46,000.00	4,738.00	50,738.00
43	10-06-2011	Joint Secretary ADA, Allahabad	Mortar, Steel & Brick Test	Dr. P.K. Mehta	Civil Engineering Department	29,500.00	3,039.00	32,539.00
44	10-06-2011	The Project Manager U.P. Project Corporation Ltd., Unit-15, A-39, Awas Vikas Colony Chilla Road, Banda	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	64,000.00	6,592.00	70,592.00
45	10-06-2011	The Project Manager U.P. Project Corporation Ltd., Unit-15, A-39, Awas Vikas Colony Chilla Road, Banda	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	36,000.00	3,708.00	39,708.00

46	10-06-2011	The Project Manager U.P. Project Corporation Ltd., Unit-15, A-39, Awas Vikas Colony Chilla Road, Banda	Mix Design(M-20)	Dr. P.K. Mehta	Civil Engineering Department	20,000.00	2,060.00	22,060.00
47	21-06-2011	Sri Bansh Raj, Sr. Manager(FQA) MUNPL, Allahabad (U.P.)	Brick Test- Comp	Dr. P.K. Mehta	Civil Engineering Department	5,000.00	515.00	5,515.00
48	21-06-2011	Sr. Section Engineer Northern Railway, Allahabad	Tensile Strength	Er. Anindya Bhar	Applied Mechanics Department	15,000.00	1,545.00	16,545.00
49	21-06-2011	Sr. Manager(FQA) Meja Urja Nigam Pvt. Ltd., Allahabad	Tensile Strength & MS Pipe	Er. Anindya Bhar	Applied Mechanics Department	10,000.00	1,030.00	11,030.00
50	22-06-2011	M/s Ircn International Rail Coach Factory Project Lalganj, Raibareli	Testing of Steel of Sail	Er. Anindya Bhar	Applied Mechanics Department	47,362.00	5,562.00	52,924.00
						6,638.00	-	6,638.00
51	22-06-2011	Registrar HRI Jhansi, Allahabad	Mix Design(M-30)	Dr. P.K. Mehta	Civil Engineering Department	30,000.00	3,090.00	33,090.00
52	23-06-2011	Project Manager, IVRCL Limited, 11/15 Maharshi Dayanand Marg, Allahabad	Testing of Water	Dr. R.P. Singh	Civil Engineering Department	11,600.00	1,195.00	12,795.00
53	23-06-2011	M/s Ramky Infrastructure Ltd., C-398, IIIrd Floor, Jay Kay Plaza, Sector-7, Dwarka, New Delhi	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	9,000.00	927.00	9,927.00
54	23-06-2011	M/s HNB Engineers Pvt. Ltd. Chowphatka, Allahabad	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	9,000.00	927.00	9,927.00
55	24-06-2011	Assistant Divisional Engineer N.C.R., Mirjapur	Ballast test	Dr. P.K. Mehta	Civil Engineering Department	14,000.00	1,442.00	15,442.00

56	24-06-2011	Erik Stoklund Larsen Team Leader, Naini Bridge COWI-DIPL Consortium, H.No.-49, Sector-7, P.D. Tandon road, Civil Lines, Allahabad	Approach Roads of cable stayed, Naini Bridge, Allahabad	Dr. A.K. Singh	Civil Engineering Department	196,400.00	20,229.00	216,629.00
57	24-06-2011	Executive Engineer Irrigation Construction Division, Saharanpur	Third Party Inspection for Irrigation Project	Dr. R.P. Tiwari	Civil Engineering Department	351,376.00	36,191.00	387,567.00
58	27-06-2011	Er. G.C. Dubey, Ex. Engineer IInd Division, U.P. Jal Nigam Allahabad	Tensile Strength of MS Rod	Dr. R.P. Tiwari	Civil Engineering Department	22,500.00	2,317.00	24,817.00
59	30-06-2011	Asst. Manager, Civil Iron International Ltd., Bahuguna Market, Allahabad	Cube Test	Dr. P.K. Mehta	Civil Engineering Department	5,000.00	515.00	5,515.00
60	30-06-2011	Sr. Engineer Bridge Northern Central Railway, Allahabad	Tensile Strength of Tor Steel	Er. Ajay Bharti	Applied Mechanics Department	6,929.00	714.00	7,643.00
61	08-07-2011	M/s M.V. Omni Projects (India) Ltd., A-499, Indira Nagar, Lucknow	Ballast Test (Abrusion Impect, W.A.)	Dr. P.K. Mehta	Civil Engineering Department	7,000.00	721.00	7,721.00
62	13-07-2011	M/s R. Gangaiah & Co. 401, Sonali Hevens, Kamma Sangham Lane, Amarpreet, Hyderabad	Design Mix M-35	Dr. Rama Shanker	Civil Engineering Department	48,000.00	4,944.00	52,944.00
63	15-07-2011	M/s Sansun Contractors Pvt. Ltd., New Delhi	Mix design M-25	Dr. Rama Shanker	Civil Engineering Department	25,000.00	2,575.00	27,575.00
64	15-07-2011	Project Manager HNB Engg. Pvt. Ltd., Allahabad	Mix design M-20, M-25	Dr. Rama Shanker	Civil Engineering Department	45,000.00	4,635.00	49,635.00
65	15-07-2011	Executive Engineer, Division II U.P. Jal Nigam, Allahabad	Steel Bantesting	Dr. Rama Shanker	Civil Engineering Department	16,000.00	1,648.00	17,648.00

66	21-07-2011	Executive Engineer, Upper Division, Agra Nahar, Mathura	Third Party Inspection at Mathura	Dr. R.P. Tiwari, Civil Engineering Department	Civil Engineering Department	178,500.00	18,386.00	196,886.00
67	25-07-2011	Project Manager Construction HNB Engg. Pvt. Ltd., Allahabad	Water PPM test of Rassin Dam	Dr. R.P. Singh	Civil Engineering Department	7,501.00	772.00	8,273.00
68	27-07-2011	M/s Espee Enterprises 393/236-B, Mutthiganj Allahabad	Tensile strength of MS Plate	Er. Anindya Bhar	Applied Mechanics Department	10,000.00	1,030.00	11,030.00
69	29-07-2011	Asst. Divisional Engineer, NCR Mirzapur	Ballast Test	Dr. Rama Shanker	Civil Engineering Department	7,000.00	721.00	7,721.00
70	29-07-2011	Executive Engineer, Construction wing of UP Jal Nigam, Kaushambi	Cube Test	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
71	29-07-2011	Assistant Engineer(Divisional) NCR, Mirzapur	Ballast Test	Dr. Rama Shanker	Civil Engineering Department	7,000.00	721.00	7,721.00
72	04-08-2011	Project Manager, IVRCL Ltd., 11/15, Maharshi Dayanand Marg, Circuit house, Allahabad	Cube Test	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
73	04-08-2011	The Executive Engineer, UP Irrigation Drainage Div. Muzaffar Nagar	Third Party Inspection at Muzaffarnagar	Dr. R.P. Tiwari	Civil Engineering Department	290,500.00	29,922.00	320,422.00
74	18-08-2011	M/s Rajeev Gupta, Gorgunj Bharuwa Sumerpur, Distt. Hameerpur (UP)	Design of 200kl OHT	Dr. A.K. Sachan	Civil Engineering Department	5,440.00	560.00	6,000.00
75	18-08-2011	M/s Swasti Construction Supelwa, Post-Gandhi Nagar, Distt-Basti(UP)	Design of 50kl OHT	Dr. A.K. Sachan	Civil Engineering Department	4,533.00	467.00	5,000.00

76	19-08-2011	M/s Regional Manager PCF, Allahabad Mandal, Allahabad	Visit Advice regard 4000 MT Coldstorage	Dr. A.K. Sachan	Civil Engineering Department	50,000.00	5,150.00	55,150.00
77	19-08-2011	M/s Tribhuvan Singh Gautam & Siddhart Gautam, UP Jal Nigam, Banda	Design of OHT	Dr. A.K. Sachan	Civil Engineering Department	7,253.00	747.00	8,000.00
78	19-08-2011	M/s Ram Bhawan Gupta, Mission Road Karwi, Chitrakoot(UP)	Design of water Tank	Dr. A.K. Sachan	Civil Engineering Department	5,440.00	560.00	6,000.00
79	19-08-2011	The Executive Engineer, UP Jal Nigam, CD-1, Raibareilly	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	24,000.00	2,472.00	26,472.00
80	29-08-2011	The Executive Engineer, Div-II, UP Jal Nigam, Allahabad	Sand Aggregate Cement Testing	Dr. Rama Shanker	Civil Engineering Department	22,000.00	2,266.00	24,266.00
81	29-08-2011	The project Manager, OSE Pvt. Ltd, Allahabad	Testing of Covs PQC & DBM	Dr. R.P. Tiwari	Civil Engineering Department	78,000.00	8,034.00	86,034.00
82	30-08-2011	The Executive Engineer, Div-II, UP Jal Nigam, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	6,000.00	618.00	6,618.00
83	30-08-2011	Project Manager, Construction & Design Unit-10, UP Jal Nigam, Stanely Road, Allahabad	Testing of brick, Sand of stone Grit	Dr. Rama Shanker	Civil Engineering Department	17,500.00	1,803.00	19,303.00
84	30-08-2011	The executive Engineer, UP Awam Vikas Parishad, Alopri Bagh, Allahabad	Design Consultancy for Office Cum Shopping Complex at Allahabad	Dr. L.K. Mishra	Civil Engineering Department	30,000.00	3,090.00	33,090.00
85	07-09-2011	Amit Construction Co. 320/264, Colonelganj, Allahabad	Mix Design M-30	Dr. Rama Shanker	Civil Engineering Department	35,000.00	3,605.00	38,605.00

86	07-09-2011	Amit Construction Co. 320/264, Colonelganj, Allahabad	Geotechnical Investigation for OHT	Dr. R.P. Tiwari	Civil Engineering Department	40,000.00	4,120.00	44,120.00
87	09-09-2011	The Superintendent Engineer Division-18, PWD, Allahabad	Testing of Mortar and Brick	Dr. Rama Shanker	Civil Engineering Department	12,000.00	1,236.00	13,236.00
88	09-09-2011	Project Manager, Construction & Design Service Unit-33, UP Jal Nigam, Allahabad	Testing of brick sand	Dr. Rama Shanker	Civil Engineering Department	14,000.00	1,442.00	15,442.00
89	16-09-2011	Project Manager, Office of the General manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad	Expert opinion for construction of STP at Morigate at Allahabad	Prof. R.P. Singh Prof. S.C. Prasad	Civil Engineering Department	4,000.00	412.00	4,412.00
90	16-09-2011	Executive Engineer, Allahabd Development Authority Allahabad	Testing Steel, Cement, Brick & Concrete cube	Dr. Rama Shanker	Civil Engineering Department	54,000.00	5,562.00	59,562.00
91	16-09-2011	Executive Engineer, SPML Infra Ltd. Plot No. 65, Sector 32, Gurgaon	Testing of brick, Cement and fine Aggregate	Dr. Rama Shanker	Civil Engineering Department	20,000.00	2,060.00	22,060.00
92	16-09-2011	Deora Electric Works, 6, Sardar Patel Marg, Allahabad, 211001	Soil Testing at Air Force Station, Varanasi	Dr. R.P. Tiwari	Civil Engineering Department	10,000.00	1,030.00	11,030.00
93	27-09-2011	Executive Engineer, Provincial Division, PWD Karvi (Chitrakoot)	Design of Beam Slab of open Auditorium	Prof. S.K. Duggal	Civil Engineering Department	52,000.00	5,356.00	57,356.00
94	27-09-2011	Executive Engineer, Construction Division-18 Kanpur	Vetting of Structural design of sump well at aurraiya	Dr. A.K. Sachan	Civil Engineering Department	22,000.00	2,266.00	24,266.00
95	27-09-2011	Shri Rakesh Gupta, Rakesh Construction, Allahabad	Design of overhead Water tank of 950 Kl	Dr. A.K. Sachan	Civil Engineering Department	9,066.00	934.00	10,000.00

96	30-09-2011	Project Officer, IVRCL Ltd. 11/15, Maharshi Dayanand Marg, Circuit House, Allahabad	Testing of brick, sand and Aggregate	Dr. Rama Shanker	Civil Engineering Department	9,500.00	979.00	10,479.00
97	30-09-2011	Project Manager, HNB Engineers Pvt. Ltd., Allahabad	Cube Test	Dr. Rama Shanker	Civil Engineering Department	2,000.00	206.00	2,206.00
98	05-10-2011	The Project Manager, Nagar work Division, UP Jal Nigam, Faizabad	Steel and Cube Testing	Dr. Rama Shanker	Civil Engineering Department	56,000.00	5,768.00	61,768.00
99	07-10-2011	Executive Engineer, UP State Industrial Development Corporation Ltd. Construction Div., 21, Lowther Road, Allahabad	Stone Ballast Testing	Ms. Shalini Shukla	Civil Engineering Department	6,000.00	618.00	6,618.00
100	07-10-2011	Executive Engineer, Iind Division, UP Jal Nigam, Allahabad	PVC Pipe and AC Pipe Testing	Prof. Anuj Jain	Applied Mechanics Department	96,900.00	9,981.00	106,881.00
101	07-10-2011	M/s ANS Construction Ltd., Amethi (UP)	Mix Design(M-25)	Dr. Rama Shanker	Civil Engineering Department	55,000.00	5,665.00	60,665.00
102	14-10-2011	Assistant Engineer, Amethi Central Sub division CPWD, Sultanpur	Cement Testing	Dr. Rama Shanker	Civil Engineering Department	7,000.00	721.00	7,721.00
103	14-10-2011	Assistant Engineer, Amethi Central Sub division CPWD, Sultanpur	Testing of Water	Dr. R.P. Singh	Civil Engineering Department	5,000.00	515.00	5,515.00
104	20-10-2011	M/s Ircon International Ltd., Rail Coach Factory Project Lalganj, Rai Bareilly	Testing of Steel, Sample for Construction of houses of Rail Coach Factory	Dr. R.P. Tiwari (AMD)	Civil Engineering Department	72,000.00	7,416.00	79,416.00
105	20-10-2011	M/s Unique Construction Sahadatpura, Maunath Bhanjan Mau	Reg Mix Design(M-35)	Dr. Rama Shanker	Civil Engineering Department	5,000.00	515.00	5,515.00

106	24-10-2011	Paryavaran Sanrakshan-Ek Vichar, Shanthihouse, 1458 Kidwai Nagar, Allahpur, Allahabad	Design of Steel	Prof. S.K. Duggal	Civil Engineering Department	35,000.00	3,605.00	38,605.00
107	24-10-2011	Project Manager, HNB Engineers, Pvt. Ltd., Allahabad	Mix Design(M-20, M-35)	Dr. Rama Shanker	Civil Engineering Department	45,000.00	4,635.00	49,635.00
108	28-10-2011	M/s Shivram Builders & Engineering Consultant, 23A, Allahpur, Allahabad	Vetting of Structural Design Drawing	Prof. S.K. Duggal	Civil Engineering Department	40,011.00	4,121.00	44,132.00
109	28-10-2011	Sr. Section Engineer Engineer(Works) Northern Central Railway Churk, UP	Soil Testing	Dr. Venkatesh	Civil Engineering Department	1,500.00	155.00	1,655.00
110	28-10-2011	Pratham Enterprises, 36 C/3C, Adarsh Nagar, Kareli, Allahabad	Mix Design	Dr. Rama Shanker	Civil Engineering Department	25,000.00	2,575.00	27,575.00
111	31-10-2011	Project Manager, Unit-33 Construction & Design Services UP Jal Nigam, Allahabad	Testing of Bricks and Mortar	Dr. Rama Shanker	Civil Engineering Department	13,501.00	1,390.00	14,891.00
112	31-10-2011	The Assisstant Manager Ircon International Ltd., Allahabad	Cube Test	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
113	02-11-2011	The Suprintendent Engineer Irrigation work Circle, Nainital (Uttarakhand)	Concurrent Evaluation of Flood Protection Scheme	Prof. K. K. Shukla	Applied Mechanics Department	75,000.00	7,725.00	82,725.00
114	09-11-2011	Asst. Divisional Engineering (Tracks) office, N.C. Railway Tundla	Testing of Stone Ballast	Dr. Shalini Shukla	Civil Engineering Department	7,000.00	721.00	7,721.00
115	09-11-2011	Sri Rajendra Prasad, Project Manager, UP Jal Nigam, Allahabad	Design Checking of overhead Tank	Prof. K. K. Shukla	Civil Engineering Department	8,000.00	824.00	8,824.00

116	09-11-2011	M/s K.P. Brothers, 164/4, Tagore Town, Allahabad	Testing of Tiles	Dr. Rama Shanker	Civil Engineering Department	11,500.00	1,185.00	12,685.00
117	09-11-2011	M/s Amit Construction Co. 320/264, Colonelganj, Allahabad	Geotechnical Investigation for OHT	Dr. R.P. Tiwari	Civil Engineering Department	20,000.00	2,060.00	22,060.00
118	09-11-2011	The Sr. Engineer (FQA) MUNPL, Allahabad	Mix Design and testing of Aggregate	Dr. Rama Shanker	Civil Engineering Department	36,000.00	3,708.00	39,708.00
119	18-11-2011	The Executive Engineer UP Samaj Kalyan Nirmal Nigam Ltd., Indira Nagar, Lucknow	Proof checking of structural drawing	Prof. S.K. Duggal	Civil Engineering Department	90,000.00	9,270.00	99,270.00
120	18-11-2011	The Executive Engineer UP Samaj Kalyan Nirmal Nigam Ltd., Indira Nagar, Lucknow	Proof checking of structural drawing	Prof. S.K. Duggal	Civil Engineering Department	85,000.00	8,755.00	93,755.00
121	18-11-2011	Amit Construction Company Ltd.	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	60,000.00	6,180.00	66,180.00
122	18-11-2011	Chief Engineer ADA, Allahabad	Technical Suggestion on discharge of waste water in Hathi Park	Dr. R.P. Singh	Civil Engineering Department	29,000.00	2,987.00	31,987.00
123	26-11-2011	Project Manager, UP Project Corporation Ltd., Unit-15 Chilla Road, Banda	Mix Design M-35 with admixture	Dr. Rama Shanker	Civil Engineering Department	40,000.00	4,120.00	44,120.00
124	26-11-2011	M/s Megha Engineering & Infrastructure Ltd., Varanasi	Design of overhead water tank	Dr. A.K. Sachan	Civil Engineering Department	38,078.00	3,922.00	42,000.00
125	26-11-2011	M/s N.C. Railway, Allahabad	Tesile Bend & Test of Tor Bar	Er. Ajaya Bharti	Applied Mechanics Department	22,500.00	2,318.00	24,818.00

126	30-11-2011	Chief Manager (Maint) IFFCO, Phulpur, Allahabad	Budgetary offer for Boundary wall road and structure	Prof. S.K. Duggal	Civil Engineering Department	489,574.00	50,426.00	540,000.00
127	30-11-2011	M/s Astha Associates Pvt. Ltd., Allahabad	Soil Testing	Dr. Venkatesh	Civil Engineering Department	2,000.00	206.00	2,206.00
128	12-12-2011	Executive Engineer, Construction Division, PWD, Allahabad	Mortar Test	Dr. Rama Shanker	Civil Engineering Department	20,000.00	2,060.00	22,060.00
129	12-12-2011	Executive Engineer, Division-II, UP Jal Nigam, Allahabad	Testing of Steel	Dr. Rama Shanker	Civil Engineering Department	32,000.00	3,296.00	35,296.00
130	13-12-2011	Project manager Construction & Design Services, Unit-10, UP Jal Nigam, Allahabad	Soil Testing for Water Tank Construction	Dr. Venkatesh	Civil Engineering Department	101,500.00	10,455.00	111,955.00
131	13-12-2011	Project Manager (I) Office of General Manager Ganga Pollution Control Unit, UP Jal Nigam, Allahabad	Feasibility Report of STP at morigate, Allahabad	Dr. Rampal Singh	Civil Engineering Department	30,000.00	3,090.00	33,090.00
132	16-12-2011	M/s Rakesh Construction, Allahabad	Design of CWR	Prof. A.K. Sachan	Civil Engineering Department	6,346.00	654.00	7,000.00
133	16-12-2011	M/s Prabhakar Awashi Chowdhary Nagar, Banda	Design of OHT	Prof. A.K. Sachan	Civil Engineering Department	6,346.00	654.00	7,000.00
134	16-12-2011	Mr. Amit Singh Aditya Builders, 4-D Beli Road, New Katra Allahabad-211002	Testing of Stone Ballast	Dr. Shaline Shukla	Civil Engineering Department	7,000.00	721.00	7,721.00
135	16-12-2011	Section Engineer(Work) West East Railway, Madhav Singh Varanasi	Testing of CI Pipe	Dr. Ramesh Pandey	Applied Mechanics Department	11,700.00	1,205.00	12,905.00

136	22-12-2011	M/s Grace Infraventures, Pvt Ltd, Civil lines Allahabad	Testing of Steel bar	Sri Ashutosh upadhyay	Applied Mechanics Department	31,176.00	4,120.00	35,296.00
						8,824.00		8,824.00
137	23-12-2011	The Project Manager, PIU-3, PMGSY, Chitrakoot	Geotechnical Investigation	Prof. R.P. Tiwari	Civil Engineering Department	5,000.00	515.00	5,515.00
138	23-12-2011	M/s Tata BP Solar India Ltd. EMC Solar Power Project, Naini, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	2,000.00	206.00	2,206.00
139	24-12-2011	The Executive Engineer, Division- II, UP Jal Nigam Allahabad	Testing of steel, sand & cement	Dr. Rama Shanker	Civil Engineering Department	47,000.00	4,841.00	51,841.00
140	24-12-2011	M/s Sunshine Infraestate Pvt. Ltd., 17, Industrial Colony, Naini, Allahabad	Mix Design M-35 and M-25	Dr. Rama Shanker	Civil Engineering Department	70,000.00	7,210.00	77,210.00
141	24-12-2011	The Executive Engineer, Division- II, UP Jal Nigam Allahabad	Testing of steel, sand & cement	Dr. Rama Shanker	Civil Engineering Department	47,000.00	4,841.00	51,841.00
142	24-12-2011	The Executive Engineer, Division- II, UP Jal Nigam Allahabad	Testing of steel, sand & cement	Dr. Rama Shanker	Civil Engineering Department	47,000.00	4,841.00	51,841.00
143	26-12-2011	Sri L.K. Sharma, Lt. Col, DCWE B/R HQ CDr works Engineers Allahabad	Vetting of 50000 Gallon OHT	Prof. A.K. Sachan	Civil Engineering Department	12,693.00	1,307.00	14,000.00
144	28-12-2011	Sri Shivendra Singh Area Manager, North TenCate India Liaison office A-1, Sector 10, Noida-201301	Geotechnical Investigation	Prof. R.P. Tiwari	Civil Engineering Department	5,000.00	515.00	5,515.00
145	29-12-2011	Sri Bheemraj, Project manager Unit- 21, Construction & Design Services, UP Jal Nigam, Faizabad.	Design Checking of OHT of 50 KL Capacity	Dr. K. K. Shukla	Applied Mechanics Department	3,000.00	309.00	3,309.00

146	30-12-2011	Sri S.K. Sinha, Exe. Engineer Allahabad Development Authority, Allahabad	Steel Bar test	Dr. Rama Shanker	Civil Engineering Department	20,000.00	2,060.00	22,060.00
147	30-12-2011	Sri S.K. Sinha, Exe. Engineer Allahabad Development Authority, Allahabad	Steel Bar test	Dr. Rama Shanker	Civil Engineering Department	20,000.00	2,060.00	22,060.00
148	30-12-2011	Sri Phullan Rai, A.E., ADA, Allahabad	Brick & Chemical Test of Mortar	Dr. Rama Shanker	Civil Engineering Department	12,000.00	1,236.00	13,236.00
149	30-12-2011	Sri Phullan Rai, A.E., ADA, Allahabad	Brick & Chemical Test of Mortar	Dr. Rama Shanker	Civil Engineering Department	12,000.00	1,236.00	13,236.00
150	30-12-2011	M/s Tata BP Solar India Ltd. EMC Solar Power Project, Naini, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	2,000.00	206.00	2,206.00
151	06-01-2012	The Project Manager, UPPCL, Unit-14, Lucknow	Third Party evaluation of Project	Dr. R.P. Tiwari	Civil Engineering Department	87,483.00	9,011.00	96,494.00
152	06-01-2012	The Executive Engineer, UP Jal Nigam, Gyanpur Sant Ravidas Nagar, Bhadohi	Checking of design of 950 KL	Dr. Rakesh Kumar	Civil Engineering Department	9,066.00	934.00	10,000.00
153	06-01-2012	The Project Manager Unit-33, Construction & Design Services, UP Jal Nigam Allahabad	Brick & Mortar Test	Dr. Rama Shanker	Civil Engineering Department	13,500.00	1,391.00	14,891.00
154	06-01-2012	Sri V.K. Singh, Project Manager UP Government Construction Corporation Ltd., Pratapgarh	Mix Design M-20	Dr. Rama Shanker	Civil Engineering Department	20,000.00	2,060.00	22,060.00
155	06-01-2012	The Project Manager Unit-33, Construction & Design Services, UP Jal Nigam Allahabad	Brick Test & Mortar Test	Dr. Rama Shanker	Civil Engineering Department	12,000.00	1,236.00	13,236.00

156	06-01-2012	The Project Manager Unit-33, Construction & Design Services, UP Jal Nigam Allahabad	Brick, Cement, Stone & tile Test	Dr. Rama Shanker	Civil Engineering Department	27,500.00	2,833.00	30,333.00
157	13-01-2012	Sri Shekhar Verma, Architect, Shivram Builders & Engg. Consultants, Allahpur, Allahabad	Vetting structural drawings	Prof. S.K. Duggal	Civil Engineering Department	75,000.00	7,725.00	82,725.00
158	13-01-2012	Sri V.G. Kewlani, Sr. GM(Civil), Prayagraj Power Generation Ltd., Allahabad-212107	Testing of Stone	Dr. Shalinee Shukla	Civil Engineering Department	60,000.00	6,180.00	66,180.00
159	13-01-2012	The Executive Engineer, Construction Division-4 (Kumbh Mela) PWD, Allahabad	GSB Analysis	Dr. Kumar Venkatesh	Civil Engineering Department	15,000.00	1,545.00	16,545.00
160	13-01-2012	M/s Grace Infraventures, Pvt Ltd, Civil lines Allahabad	Mix Design M-40	Dr. Rama Shanker	Civil Engineering Department	45,000.00	4,635.00	49,635.00
161	13-01-2012	M/s Grace Infraventures, Pvt Ltd, Civil lines Allahabad	Mix Design M-20 & M-30	Dr. Rama Shanker	Civil Engineering Department	55,000.00	5,665.00	60,665.00
162	13-01-2012	M/s IVRCL Ltd. 11/15, M.D. Marg, Allahabad	Mix Design M-25	Dr. Rama Shanker	Civil Engineering Department	25,000.00	2,575.00	27,575.00
163	13-01-2012	M/s IVRCL Ltd. 11/15, M.D. Marg, Allahabad	Brick Testing	Dr. Rama Shanker	Civil Engineering Department	14,000.00	1,442.00	15,442.00
164	13-01-2012	Sri J. Singhal (DGM, FQA) NTPC, SSTPS, Shakti Nagar	Mechanical Test on welded Sample	Dr. R.P. Tiwari,	Applied Mechanics Department	45,000.00	4,635.00	49,635.00
165	17-01-2012	Er. J.S. Rathi, Executive Engineers, Construction Division-I, Lok Nirman Vibhag, Lakhimpur Khiri	Consultancy for Model Study	Dr. R.M. Singh	Civil Engineering Department	10,000.00	1,030.00	11,030.00

166	20-01-2012	The ADEN, NCR, Fatehpur	Stone Blast test	Dr. Kumar Venkatesh	Civil Engineering Department	5,000.00	515.00	5,515.00
167	20-01-2012	The Project manager, C & Ds, UP Jal Nigam, Lucknow	Design of OHT of 125 KL on 15 m staging	Dr. A. K. Sachan	Civil Engineering Department	9,973.00	1,027.00	11,000.00
168	24-01-2012	Dy. Project manager, UP State Bridge Corporation Ltd., Bridge Construction Unit, Pratapgarh-230001	Material Testing	Dr. Rampal Singh	Civil Engineering Department	5,000.00	515.00	5,515.00
169	27-01-2012	The Project Manager Unit-33, Construction & Design Services, UP Jal Nigam Allahabad	Brick Mortar & Aggregate Testing	Dr. Rama Shanker	Civil Engineering Department	17,501.00	1,802.00	19,303.00
170	27-01-2012	The Executive Engineer Electrical Trasmision, Div-I, UPPTCL, 57, George Town, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
171	27-01-2012	The Executive Engineer, Division-II, UP Jal Nigam Allahabad	Aggregate Test	Dr. Rama Shanker	Civil Engineering Department	16,000.00	1,648.00	17,648.00
172	27-01-2012	The Executive Engineer, Division-II, UP Jal Nigam Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
173	27-01-2012	Dy. Project manager, UP State Bridge Corporation Ltd., Bridge Construction Unit, Pratapgarh-230001	Steel Bar & Cement Test	Dr. Rama Shanker	Civil Engineering Department	51,000.00	5,253.00	56,253.00
174	31-01-2012	The Sr. Manager (FQA) MUNP, Allahabad	Mix Design M-30	Dr. Rama Shanker	Civil Engineering Department	30,000.00	3,090.00	33,090.00
175	31-01-2012	Sri K.C. Tiwari, Project Manager, UP Projects Corporation Ltd. Construction Unit-16, Mirzapur	Third Party inspection work	Dr. R.P. Tiwari	Civil Engineering Department	103,101.00	10,619.00	113,720.00

176	05-02-2012	Mr. Sudhir Kumar Engg. (FQA), MUNPL, Allahabad(UP)	Testing of warse Aggregate	Dr. Shalinee Shukla	Civil Engineering Department	6,000.00	618.00	6,618.00
177	05-02-2012	Mr. Sanad Kumar, Sr. Project Manager IVRCL Ltd., Allahabad	Design of culvert for vetting	Priyaranjan Pal	Civil Engineering Department	30,000.00	3,090.00	33,090.00
178	06-02-2012	Mr. Ravinder Mukur, Project Manager, MOD MLR Projects, Larson & Turbo Ltd, Jhansi	Structural Drawing for proof check for various shops of Jhansi Railway	Prof. K.K. Shukla	Applied Mechanics Department	250,000.00	25,750.00	275,750.00
179	06-02-2012	M/s Aditya Builder 4-D, Beli Road, New Katra, Allahabad	Aggregate Test	Prof. R.P. Tiwari	Civil Engineering Department	2,000.00	206.00	2,206.00
180	14-02-2012	Executive Engineer, National Highway, Khand-1, Lok Nirman Vibhag, Allahabad	Job Mix Design	Dr. Shalinee Shukla	Civil Engineering Department	45,000.00	4,635.00	49,635.00
181	14-02-2012	The Executive Engineer Electrical Trasmission, Div-I, UPPTCL, 57, George Town, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
182	17-02-2012	Sri K.K. Singh, Chief Engineer, UP Jal Nigam, 6-Dayand Marg, Allahabad	Enquiry/Inspection of sewerage works under Ganga Pollution Control in Allahabad	Dr. Rampal Singh	Civil Engineering Department	30,000.00	3,090.00	33,090.00
183	25-02-2012	Girija CH, Major, Garrison Engineer (East) Military Engg. Services Allahabad	Inspection for cracks in Building	Dr. S.K. Duggal	Civil Engineering Department	40,000.00	4,120.00	44,120.00
184	25-02-2012	The Institute of Applied Sciences, Camp office-21, Mumfordganj, Allahabad	Analysis of water	Dr. R.P. Singh	Civil Engineering Department	8,000.00	824.00	8,824.00
185	28-02-2012	Sr. Manager (FQA), MUNPL, Allahabad(UP)	Mix Design M-25	Dr. Rama Shanker	Civil Engineering Department	25,000.00	2,575.00	27,575.00

186	29-02-2012	Sri Shafiq Husain, Executive Engineer, Flood work Division, Allahabad	Geotechnical Investigation for construction of ghats	Dr. R. P. Tiwari	Civil Engineering Department	453,309.00	46,691.00	500,000.00
187	29-02-2012	The Project Manager UP Project Corporation Ltd., Awas Vikas Colony, Banda	Third party Technical Evaluation of projects	Dr. R. P. Tiwari	Civil Engineering Department	157,900.00	16,264.00	174,164.00
188	29-02-2012	The Executive Engineer, Division-II, UP Jal Nigam Allahabad	Sand Test	Dr. Rama Shanker	Civil Engineering Department	4,000.00	412.00	4,412.00
189	02-03-2012	Project Manager HNB Engineers Pvt. Ltd., Allahabad	Vetting of Design and drawing for brick masonry man hole	Dr. A. K. Sachan	Civil Engineering Department	18,132.00	1,868.00	20,000.00
190	03-03-2012	Executive Engineer Construction Division-4 Kumbh Mela, Lok Nirman Vibhag, Allahabad	Job Mix Design	Dr. Shalinee Shukla	Civil Engineering Department	58,000.00	5,974.00	63,974.00
191	03-03-2012	M/s Jivanlal Joitaram Patel, Engineers & Contractors Patel Estate, Station Road Thasra, Kheda, Gujarat	Ballast Testing	Dr. Shalinee Shukla	Civil Engineering Department	7,000.00	721.00	7,721.00
192	03-03-2012	Executive Engineer, Raj Marg Khand-1, Lok Nirman Vibhag, Allahabad	Job Mix Design	Dr. Shalinee Shukla	Civil Engineering Department	63,000.00	6,489.00	69,489.00
193	03-03-2012	Sri Bansh Raj, Sr. Manager (FQA) MUNPL, Allahabad	Soil Testing	Dr. Kumar Venkatesh	Civil Engineering Department	5,000.00	515.00	5,515.00
194	15-03-2012	M/s IVRCL Ltd. 11/15, M.D. Marg, Allahabad	Cube Testing	Dr. Rama Shanker	Civil Engineering Department	2,000.00	206.00	2,206.00

195	15-03-2012	The Executive Engineer CDC Bridge (Road) PWD, Allahabad	Mix Design	Dr. Rama Shanker	Civil Engineering Department	45,000.00	4,635.00	49,635.00
196	15-03-2012	Sr. Manager IVRCL, MNNIT, Allahabad	Testing of Raw Water	Dr. R. P. Singh	Civil Engineering Department	25,000.00	2,575.00	27,575.00
197	23-03-2012	Sri J. Singhal (DGM, FQA) NTPC, SSTPS, Shakti Nagar	Mechanical Test on welded Sample	Dr. Anindya Bhar	Applied Mechanics Department	32,500.00	3,348.00	35,848.00
198	23-03-2012	M/s Hindustan Petroleum Corporation Ltd, Jamshedji Tata Road, Mumbai	Testing of pavor block	Dr. Rama Shanker	Civil Engineering Department	5,500.00	567.00	6,067.00
199	24-03-2012	Sri K.K. Singh, Chief Engineer, UP Jal Nigam, 6-Dayanand Marg, Allahabad	Site visit only	Dr. R. P. Singh	Civil Engineering Department	30,000.00	3,090.00	33,090.00
200	24-03-2012	M/s Deepesh Electricals, 791, Rai Colony Civil Lines, Jhansi	Vetting of design of STP	Dr. A. K. Sachan	Civil Engineering Department	40,000.00	4,120.00	44,120.00
201	24-03-2012	Sri Sanad Kumar, Sr. Project Manager, IVRCL Ltd., Allahabad	Design of culvert for vetting	Priyaranjan Pal	Civil Engineering Department	30,000.00	3,090.00	33,090.00
202	24-03-2012	M/s IVRCL Ltd. (Ref. Project Manager, UP Jal Nigam, Allahabad)	Testing of Sand, Cement, Brick & Steel	Dr. Rama Shanker	Civil Engineering Department	78,500.00	8,086.00	86,586.00
203	24-03-2012	The Executive Engineers, Kosi Construction, Division-II, Ram Nagar (Nainital)	Third Party inspection for Irrigation at Kashipur, Nainital	Dr. R.P. Tiwari	Civil Engineering Department	236,385.00	24,347.00	260,732.00
204	24-03-2012	Project Manager, Uttar Pradesh Rajkiya Nirman Nigam Ltd., Allahabad	Geotechnical Investigation	Dr. Kumar Venkatesh	Civil Engineering Department	220,000.00	22,660.00	242,660.00

205	24-03-2012	Project Manager, UP Projects Corporation Ltd. Teliarganj, Allahabad	Third party Technical Evaluation of projects	Dr. R.P. Tiwari	Civil Engineering Department	131,916.00	13,587.00	145,503.00
206	24-03-2012	Sr. General Manager, PPGCL, Lohgara, Bara, Allahabad	Geotechnical Investigation	Dr. R.P. Tiwari	Civil Engineering Department	95,000.00	9,785.00	104,785.00
207	24-03-2012	The Executive Engineer, Irrigation Division, Rudrapur (US Nagar)	Third Party technical Evaluation	Dr. R.P. Tiwari	Civil Engineering Department	286,336.00	29,492.00	315,828.00
208	24-03-2012	The Executive Engineer, Irrigation Division, Rudrapur (US Nagar)	Third Party technical Evaluation	Dr. R.P. Tiwari	Civil Engineering Department	249,750.00	25,724.00	275,474.00
209	24-03-2012	The Executive Engineer, UP Irrigation Drainage, Div-3, Meerut	Third Party technical Evaluation & Assessment	Dr. R.P. Tiwari	Civil Engineering Department	417,625.00	43,015.00	460,640.00
				GRAND TOTAL		10,205,498.00	1,051,169.00	11,256,667.00

ANNEXURE 7

PLACEMENT AND TRAINING

7.1 Placement: B.Tech.

S.No	Name	Branch	Company
1	Aparna Gautam	Biotech	ZS Associates
2	Mohammed Shaimoon	Biotech	Mu-Sigma
3	Neelakshi Saxena	Biotech	Mu-Sigma
4	Payal Tak	Biotech	Mu-Sigma
5	Prashant Mishra	Biotech	Mu-Sigma
6	Priyanshi Awasthi	Biotech	Mu-Sigma
7	Shantanu Anand	Biotech	Mu-Sigma
8	Pallavi Misra	Biotech	Wipro
9	Vikrant	Biotech	Wipro
10	Vinita Gond	Biotech	Wipro
11	Rajani Gupta	Biotech	IBM
12	Ojaswa Vaish	Biotech	TCS
13	Pooja Yadav	Biotech	TCS
14	Sneha Saxena	Biotech	TCS
15	Swati Sharma	Biotech	TCS
16	Ayushee Agarwal	Biotech	Capgemini
17	Anchal Kanodia	Biotech	Accenture
1	Gaurav Tripathi	Chemical Engineering	GAIL
2	Vibhor Kumar Srivastava	Chemical Engineering	GAIL
3	Anurag Banerjee	Chemical Engineering	ZS Associates
4	Ahmad Khubaib Adnan	Chemical Engineering	Coal India Ltd.
5	Mohammad Khalid	Chemical Engineering	Coal India Ltd.
6	piyush Agrawal	Chemical Engineering	Coal India Ltd.
7	Puneet Srivastava	Chemical Engineering	Coal India Ltd.
8	Sandeep Kumar Saroj	Chemical Engineering	Coal India Ltd.
9	Khushboo Singhal	Chemical Engineering	Pepsico
10	Abhinav Verma	Chemical Engineering	Reliance Ind
11	Luv Mehrotra	Chemical Engineering	Reliance Ind
12	Rishabh Agrawal	Chemical Engineering	Reliance Ind
13	Samarath Tripathi	Chemical Engineering	Reliance Ind
14	Shantanu Kunwar	Chemical Engineering	Reliance Ind
15	Vidya Nand Kr Raushan	Chemical Engineering	Reliance Ind
16	Shikha Singh	Chemical Engineering	BOC
17	Devansh Kr Srivastava	Chemical Engineering	Mu-Sigma
18	Garima Singh	Chemical Engineering	Jubilant Industries
19	Kanupriya Sharma	Chemical Engineering	Samsung HI
20	Nitin Kumar	Chemical Engineering	Simon India
21	Priyanshu Singh	Chemical Engineering	Hindalco
1	Aditya Kumar Verma	Civil Engineering	BPCL
2	Akash Srivastava	Civil Engineering	BPCL
3	Ashutosh Shivam	Civil Engineering	BPCL

4	Md Shadab Imam	Civil Engineering	BPCL, Capgemini
5	Prashant Gupta	Civil Engineering	BPCL, Wipro
6	Jitendra Kr Chaurasiya	Civil Engineering	IOCL
7	Sachin Kumar	Civil Engineering	IOCL
8	Prateek	Civil Engineering	Vizag Steel, Mu-Sigma
9	Saurabh Banka	Civil Engineering	Indus Valley
10	Neha Bisht	Civil Engineering	Lanco Infratech
11	Vishal Pandey	Civil Engineering	Lanco Infratech, IBM
12	Srijan Kumar	Civil Engineering	TCIL, Wipro
13	Ashish Gupta	Civil Engineering	Siemens
14	Abhishek Saxena	Civil Engineering	Mu-Sigma
15	Nitin Kumar	Civil Engineering	Mu-Sigma
16	Anant Parashar	Civil Engineering	Simplex Infra, L&T (ECC)
17	Anuj Kumar	Civil Engineering	Simplex Infra
18	Arjun Johri	Civil Engineering	Simplex Infra, IBM
19	Deepak Shukla	Civil Engineering	Simplex Infra, Capgemini
20	Dhruv Kumar Gupta	Civil Engineering	Simplex Infra
21	Aftab Ahmad	Civil Engineering	LPU
22	Naveen Ranjan Srivastava	Civil Engineering	LPU
23	Nikhil Srivas	Civil Engineering	LPU
24	Saumitra Shukla	Civil Engineering	LPU
25	Sudesh Kumar	Civil Engineering	LPU
26	Hemant Gautam	Civil Engineering	Era Infra, IBM
27	Pankaj Pandey	Civil Engineering	Era Infra, L & T (ECC)
28	Rajarshi Pandey	Civil Engineering	Era Infra
29	Santosh Kumar	Civil Engineering	Era Infra
30	Shashank Pandey	Civil Engineering	Era Infra
31	Shramesh Gaurav	Civil Engineering	Wipro
32	Varsha Meena	Civil Engineering	Wipro
33	Vinay Kumar Tiwari	Civil Engineering	Era Infra
34	Vineet Kumar	Civil Engineering	L & T Constructions
35	Abhay Pratap	Civil Engineering	IBM
36	Harish Sharma	Civil Engineering	IBM
37	Sunil Kumar Singh	Civil Engineering	IBM
38	Ankit Upreti	Civil Engineering	Desein Indure, Accenture
39	Mukesh Kumar Verma	Civil Engineering	Desein Indure
40	Sanjeev Yadav	Civil Engineering	Desein Indure
41	Akash Singh	Civil Engineering	ITD Cementation
42	Ashish Kumar	Civil Engineering	ITD Cementation
43	Abhay Kumar	Civil Engineering	Capgemini
1	Manish Pandey	Comp.Sc. & Engineering	Microsoft
2	Sachin Gupta	Comp.Sc. & Engineering	Microsoft
3	Akshay Utkarsh Sharma	Comp.Sc. & Engineering	Amazon
4	Anshul Goyal	Comp.Sc. & Engineering	Amazon
5	Lakhan Arya Multani	Comp.Sc. & Engineering	Amazon
6	Rohit Kumar Rai	Comp.Sc. & Engineering	Amazon
7	Shrish Chandra Mishra	Comp.Sc. & Engineering	Amazon
8	Ashish Rawat	Comp.Sc. & Engineering	Adobe, Qualcomm
9	Priyank Bhatnagar	Comp.Sc. & Engineering	Adobe

10	Abhinav Verma	Comp.Sc. & Engineering	Direct-i
11	Akash	Comp.Sc. & Engineering	Direct-i
12	Ayush Ladia	Comp.Sc. & Engineering	Direct-i
13	Piyush Kumar Arya	Comp.Sc. & Engineering	Direct-i
14	Abhishek Agarwal	Comp.Sc. & Engineering	Goldman Sachs
15	Ali Hussain Hitawala	Comp.Sc. & Engineering	Goldman Sachs, Cisco
16	Nishant Gill	Comp.Sc. & Engineering	Goldman Sachs
17	Rahul Verma	Comp.Sc. & Engineering	Goldman Sachs
18	Vini Gupta	Comp.Sc. & Engineering	Goldman Sachs
19	Harshit Saini	Comp.Sc. & Engineering	BPCL, Samsung (SEL)
20	Rajat Kumar Singh	Comp.Sc. & Engineering	BPCL, Samsung (SEL)
21	Robin Singh	Comp.Sc. & Engineering	BPCL, Samsung (SEL)
22	Saurabh Sharma	Comp.Sc. & Engineering	BPCL, Samsung (SEL)
23	Amrit Verma	Comp.Sc. & Engineering	Citrix
24	Ankit Singhal	Comp.Sc. & Engineering	Citrix
25	Himanshu Upadhyay	Comp.Sc. & Engineering	Citrix
26	Manish Mishra	Comp.Sc. & Engineering	Citrix
27	Niteen Kumar Singh	Comp.Sc. & Engineering	Citrix
28	Ravinder Kumar	Comp.Sc. & Engineering	Citrix
29	Rohit Bajaj	Comp.Sc. & Engineering	Citrix
30	Sankalp Raghav	Comp.Sc. & Engineering	Citrix
31	Toshi Mishra	Comp.Sc. & Engineering	Citrix
32	Vivek Maheshwari	Comp.Sc. & Engineering	Citrix
33	Aastha Rai	Comp.Sc. & Engineering	Oracle Apps
34	Aishani Khurana	Comp.Sc. & Engineering	Oracle Apps
35	Akhil Goel	Comp.Sc. & Engineering	Oracle Server
36	Akhil Pratap Singh	Comp.Sc. & Engineering	Oracle Server
37	Amit Tripathi	Comp.Sc. & Engineering	Oracle Apps
38	Apurv Gupta	Comp.Sc. & Engineering	Oracle Server
39	Archi Gupta	Comp.Sc. & Engineering	Oracle Apps
40	Ashish Gupta	Comp.Sc. & Engineering	Oracle Apps
41	Gaurav Singh	Comp.Sc. & Engineering	Oracle Server
42	Harshit Agrawal	Comp.Sc. & Engineering	Oracle Server
43	Kushal Singh	Comp.Sc. & Engineering	Oracle Server
44	Mansi Agarwal	Comp.Sc. & Engineering	Oracle Apps
45	Mudit Rastogi	Comp.Sc. & Engineering	Oracle Apps
46	Neha Seth	Comp.Sc. & Engineering	Oracle Server
47	Rohit Gupta	Comp.Sc. & Engineering	Oracle Apps
48	Sourabh	Comp.Sc. & Engineering	Oracle Apps
49	Varnika Goyal	Comp.Sc. & Engineering	Oracle Server
50	Aditya Kumar	Comp.Sc. & Engineering	Direct-i
51	Bhanu Pratap Singh	Comp.Sc. & Engineering	Direct-i
52	Pradeep Chhetri	Comp.Sc. & Engineering	Direct-I, Cisco
53	Prashanth @ Srinivasan S	Comp.Sc. & Engineering	Direct-i
54	Abhishek Shukla	Comp.Sc. & Engineering	C-DOT
55	Ankan Seth	Comp.Sc. & Engineering	C-DOT
56	Bharat Chowdhery	Comp.Sc. & Engineering	C-DOT
57	Shubham Soni	Comp.Sc. & Engineering	C-DOT
58	Manoj Deol	Comp.Sc. & Engineering	Yatra

59	Anubhuti Pandeya	Comp.Sc. & Engineering	ZS Associates
60	Abs Saurabh	Comp.Sc. & Engineering	MAQ Software
61	Ashish Kumar Singh	Comp.Sc. & Engineering	Oracle ACS
62	Gaurav Kumar Singh	Comp.Sc. & Engineering	Coal India Ltd.
63	Johnson Toppo	Comp.Sc. & Engineering	Coal India Ltd.
64	Manish Kumar Choudhary	Comp.Sc. & Engineering	Coal India Ltd.
65	Nitin Gupta	Comp.Sc. & Engineering	Coal India Ltd., Wipro
66	Sudhanshu Pandey	Comp.Sc. & Engineering	Oracle ACS
67	Sudhesh Kumar	Comp.Sc. & Engineering	Coal India Ltd., HCL Technologie
68	Ashish Chaudhary	Comp.Sc. & Engineering	NetApp
69	Ritesh Kumar	Comp.Sc. & Engineering	NetApp
70	Sankalp Srivastava	Comp.Sc. & Engineering	NetApp
71	Saurabh Nigam	Comp.Sc. & Engineering	NetApp
72	Gaureesh Gupta	Comp.Sc. & Engineering	Tejas Networks
73	Nishant Agarwal	Comp.Sc. & Engineering	Tejas Networks
74	Rohit Johri	Comp.Sc. & Engineering	Tejas Networks
75	Ajit Singh	Comp.Sc. & Engineering	Kronos Inc.
76	Anupam Mishra	Comp.Sc. & Engineering	Kronos Inc.
77	Mohit Kumar Gupta	Comp.Sc. & Engineering	Kronos Inc.
78	Ranjeet Kumar	Comp.Sc. & Engineering	Kronos Inc.
79	Bhupendra Singh Kunwar	Comp.Sc. & Engineering	Deloitte
80	Harsh Singhal	Comp.Sc. & Engineering	Deloitte
81	Shipranjali Pandey	Comp.Sc. & Engineering	Deloitte
82	Varuni Garg	Comp.Sc. & Engineering	Deloitte
83	Abhishek Kumar Singh	Comp.Sc. & Engineering	Samsung (SEL)
84	Nitin Gupta	Comp.Sc. & Engineering	Samsung (SEL)
85	Shivanshu Rajput	Comp.Sc. & Engineering	Samsung (SEL)
86	Zairin Aslam	Comp.Sc. & Engineering	Samsung (SEL)
87	Avnish Kumar	Comp.Sc. & Engineering	Samsung (SEL)
88	Radin Mathew Varughese	Comp.Sc. & Engineering	Groupsoft
89	Aman Kataria	Comp.Sc. & Engineering	MakeMyTrip
90	Hemant Ghosh	Comp.Sc. & Engineering	BEL, Aricent
91	Neeraj	Comp.Sc. & Engineering	MakeMyTrip
92	Pushkar Mishra	Comp.Sc. & Engineering	Nomura
93	Samhita Bardhan	Comp.Sc. & Engineering	Nomura
94	Nikky Yadav	Comp.Sc. & Engineering	Samsung SISO
95	Dhanendra Jain	Comp.Sc. & Engineering	Samsung (SISC)
96	Sagar Verma	Comp.Sc. & Engineering	Samsung (SISC)
97	Sanjeev Kumar	Comp.Sc. & Engineering	Samsung (SISC)
98	Vishal Gautam	Comp.Sc. & Engineering	Samsung (SISC)
99	Ashish Premi	Comp.Sc. & Engineering	Impetus Techn
100	Bashar Nawaz Siddiqui	Comp.Sc. & Engineering	Amdocs
101	Naresh Bhatt	Comp.Sc. & Engineering	Rancore, HCL Tech
102	Pratimesh Srivastava	Comp.Sc. & Engineering	Amdocs
103	Raju Yadav	Comp.Sc. & Engineering	Amdocs
104	Robin Goyal	Comp.Sc. & Engineering	InfoEdge
105	Deepali Gupta	Comp.Sc. & Engineering	Novell
106	Ravi Rana	Comp.Sc. & Engineering	Novell

107	Gaurav Tyagi	Comp.Sc. & Engineering	IVY Comptech
108	Kapil Dev Gautam	Comp.Sc. & Engineering	IVY Comptech
109	Saurabh Sharma	Comp.Sc. & Engineering	Sony
110	Alisha Dua	Comp.Sc. & Engineering	Mu-Sigma
111	Aman Kumar Agrawal	Comp.Sc. & Engineering	Mu-Sigma
112	Anshu Shekhar	Comp.Sc. & Engineering	Mu-Sigma
113	Ankur Pandey	Comp.Sc. & Engineering	Venera Techn
114	Amit Singh	Comp.Sc. & Engineering	Wipro
115	Manoj Kumar Chauhan	Comp.Sc. & Engineering	Aricent
116	Rahul Singh	Comp.Sc. & Engineering	Wipro
117	Kavita Chowdhary	Comp.Sc. & Engineering	AtoS
118	Naresh Verma	Comp.Sc. & Engineering	IBM
119	Vijay Kumar Thakur	Comp.Sc. & Engineering	AtoS
120	Daisy Glades Tete	Comp.Sc. & Engineering	Gaboli
121	Himanshu Jalan	Comp.Sc. & Engineering	HCL Technologies
122	Manish Kumar Saroj	Comp.Sc. & Engineering	HCL Technologies
123	Brajendra Kumar	Comp.Sc. & Engineering	Uneva
1	Rishi Rahul	Electrical Engineering	GAIL
2	Som Vrat Tripathi	Electrical Engineering	GAIL
3	Sonam Sharma	Electrical Engineering	GAIL
4	Gaurav Yadav	Electrical Engineering	Qualcomm, ZS Associates
5	Anuj Seth	Electrical Engineering	NTPC, Coal India Ltd.
6	Manisha Agrawal	Electrical Engineering	NTPC, Samsung Engg
7	Avichal Kulshrestha	Electrical Engineering	NI
8	Pooja Singh	Electrical Engineering	IOCL
9	Durgesh Kumar	Electrical Engineering	Vizag Steel, Wipro
10	Shashank Shekhar	Electrical Engineering	Vizag Steel, Aditya Birla
11	Shraddha Bindal	Electrical Engineering	Vizag Steel
12	Vivek Kumar Singh	Electrical Engineering	Vizag Steel, IBM
13	Pallavi Das	Electrical Engineering	ZS Associates
14	Aman Verma	Electrical Engineering	Coal India Ltd.
15	Archit Raj	Electrical Engineering	Coal India Ltd.
16	Nitish Kumar Himanshu	Electrical Engineering	Coal India Ltd., Accenture
17	Prakash Saurabh Pal	Electrical Engineering	Coal India Ltd., TCS
18	Sarang Chauhan	Electrical Engineering	Coal India Ltd.
19	Shishir Nagaria	Electrical Engineering	Coal India Ltd.
20	Sonu Nigam	Electrical Engineering	Coal India Ltd.
21	Abhishek Raj	Electrical Engineering	Pepsico
22	Avantika Agarwal	Electrical Engineering	Hero MotoCorp
23	Amol Srivastava	Electrical Engineering	TATA MOTORS
24	Guru Das S	Electrical Engineering	TATA MOTORS
25	Saubhik Datta	Electrical Engineering	TATA MOTORS
26	Ankush Gupta	Electrical Engineering	HAL
27	Puneet Singh Chauhan	Electrical Engineering	HAL
28	Rishabh Tripathi	Electrical Engineering	HAL
29	Sagar	Electrical Engineering	HAL
30	Sumeet Kumar Mishra	Electrical Engineering	HAL
31	Akash Srinetra	Electrical Engineering	Lanco Infratech, IBM
32	Ananya Singh	Electrical Engineering	Lanco Infratech

33	Akhil Kuchhal	Electrical Engineering	JSL Stainless Ltd
34	Deepika Saxena	Electrical Engineering	Reliance Industries
35	Richa Jain	Electrical Engineering	JSL Stainless Ltd
36	Vivek Badlani	Electrical Engineering	Maruti Suzuki
37	Ankita Mishra	Electrical Engineering	Schneider
38	Nitish Kumar Chaudhary	Electrical Engineering	Schneider
39	Prateesh Raj	Electrical Engineering	Schneider
40	Akshat Prasoon	Electrical Engineering	Capillary Techn
41	Sushil Silwal	Electrical Engineering	Bombardier
42	Amit Tripathi	Electrical Engineering	Samsung Engg
43	Mohammad Shoab	Electrical Engineering	Siemens
44	Nikita Goel	Electrical Engineering	Siemens
45	Ankit Nigam	Electrical Engineering	Mu-Sigma
46	Saikat Choudhury	Electrical Engineering	Mu-Sigma, Accenture
47	Samarth Gupta	Electrical Engineering	Bharat Bijlee Ltd
48	Samriti Gopal	Electrical Engineering	Bharat Bijlee
49	Anurag Singh	Electrical Engineering	Tata AutoComp
50	Daneshwar Meriya	Electrical Engineering	Honda Power
51	Vishnu Prasad	Electrical Engineering	Adhunik Group
52	Ramesh Awasthi	Electrical Engineering	Desein Indure
53	Vijendra Kumar Meena	Electrical Engineering	Desein Indure
54	Saurabh Verma	Electrical Engineering	Hindalco
55	Rohit Kumar	Electrical Engineering	Aditya Birla
56	Pankaj Kumar	Electrical Engineering	Tech Mahindra
57	Selvakumaran Pratheep	Electrical Engineering	Capgemini
58	W Pathiranage Kosala	Electrical Engineering	Capgemini
59	Anshul Kumar	Electrical Engineering	IDMC
1	Uday Jalan	ECE	Direct-i
2	Jyotsna Agrawal	ECE	Qualcomm
3	Kriti Ahuja	ECE	Qualcomm, ZS Associates
4	Vikram Singh	ECE	Texas Instruments, Deloitte
5	Juli Kumari	ECE	NTPC, Siemens
6	Rajesh Kumar Gautam	ECE	NTPC
7	Tushar Garg	ECE	Nvidia
8	Ravi Jain	ECE	Cypress , Samsung SISO
9	Tushar Rastogi	ECE	Cypress , Novell
10	Arpit Singh	ECE	C-DOT
11	Atul Kumar Singh	ECE	C-DOT
12	Madhur Sarin	ECE	C-DOT
13	Ankur Pandey	ECE	ZS Associates
14	Kunal Malhotra	ECE	ZS Associates
15	Soumi Bandyopadhyay	ECE	ZS Associates
16	Snigdha Awasthi	ECE	Brahmos Aerospace, HAL
17	Deepak Agarwal	ECE	Oracle Apps
18	Abhineet Kumar Bhojak	ECE	Tejas Networks
19	Johnny Sharma	ECE	Tejas Networks
20	Vandana Singh	ECE	Tejas Networks
21	Ankita Sharma	ECE	Deloitte
22	Ayushi Tandon	ECE	Deloitte

23	Gaurav Upadhyay	ECE	Deloitte
24	Jitesh Dugar	ECE	Deloitte
25	Khushboo Agrawal	ECE	Deloitte
26	Prateek Anshul Srivastava	ECE	Deloitte
27	Saumya Srivastava	ECE	Deloitte
28	Shivam Srivastava	ECE	Deloitte
29	Tushar Anand	ECE	Deloitte
30	Namrita Pandita	ECE	McAfee
31	Rishabh Tyagi	ECE	McAfee
32	Ashwarya Pratap Singh	ECE	Nomura
33	Ramesh Agarwal	ECE	BEL
34	Vasant Verma	ECE	Nomura
35	Virendra Kumar	ECE	BEL
36	Ashish Pandey	ECE	Indus Valley, Amdocs
37	Abhishek Singh	ECE	Samsung (SISO)
38	Ajay Kumar Singh	ECE	Samsung (SISO)
39	Deepak Singh	ECE	Samsung (SISO)
40	Mandhala Santhosh Reddy	ECE	Samsung (SISO)
41	Prafull Kumar Sahu	ECE	Samsung (SISO)
42	Shruti Parashar	ECE	Samsung (SISO)
43	Shubham Goyal	ECE	Samsung (SISO)
44	Vinay Singh	ECE	Samsung (SISO)
45	Himanshu Adhikari	ECE	Kritikal Solutions
46	Amardeep Kumar	ECE	HAL
47	Ankit Kumar Chauhan	ECE	HAL, Accenture
48	Garima Jain	ECE	HAL
49	Gaurav Kumar Singh	ECE	HAL
50	Gurdeep Singh Mittal	ECE	HAL
51	Kundan Kumar	ECE	HAL, Accenture
52	Manish Singh	ECE	HAL, HCL Technologie
53	Namrata Singh	ECE	HAL
54	Prakash Kumar Mishra	ECE	HAL
55	Rishi Kumar	ECE	HAL
56	Shashank Gupta	ECE	HAL, Wipro
57	Yeeshu Kushwaha	ECE	HAL, Wipro
58	Amit Kumar	ECE	Samsung (SISC)
59	Anubhav Srivastava	ECE	Samsung (SISC)
60	Ashish Kumar	ECE	Samsung (SISC)
61	Mayank Singh	ECE	Samsung (SISC)
62	Vineet Kumar Pandey	ECE	Samsung (SISC)
63	Aditi Wahi	ECE	Reliance Industries
64	Almas Khan	ECE	Reliance Industries
65	Amit Kumar Singh	ECE	TCIL, ComViva
66	Anil Kumar Patel	ECE	Rancore, IBM
67	Anubha Aggarwal	ECE	Idea Cellular
68	Chittuluri Anil Kr Reddy	ECE	Idea Cellular, Accenture
69	Dindayal Kumar	ECE	Reliance Industries
70	Hariom Gupta	ECE	Reliance Industries, TCS
71	Parul Mishra	ECE	Reliance Industries

72	Sameer Singh	ECE	TCIL
73	Saurabh Srivastava	ECE	Reliance Industries
74	Shashank Bhushan	ECE	Rancore, Mu-Sigma
75	Trilochan Gaur	ECE	Reliance Industries
76	Deepak Kumar Singh	ECE	Verizon Data Services
77	Sagar Srivastava	ECE	Verizon Data Services
78	Sarthak Singhal	ECE	Verizon Data Services
79	Tariq Siddiqui	ECE	Verizon Data Services
80	Vikash Kumar	ECE	Verizon Data Services
81	Pramanshu Singh	ECE	Schneider
82	Vikas Sharan	ECE	Vihaan Networks, Accenture
83	Chetan Agrawal	ECE	Sapient Global
84	Himanshu Chandel	ECE	Sapient Global
85	Harish Chandra Dubey	ECE	Siemens
86	Alok Kumar Mishra	ECE	Jubilant Industries, Capgemini
87	Ashwini Kumar Singh	ECE	Tech Endeavour
88	Gaurav Kumar	ECE	IBM
89	Ravi Pratap Gond	ECE	AtoS
90	Wasif Kazmi	ECE	AtoS
91	Rekha Kumari Meena	ECE	Desein Indure
92	Harsh Kumar Singh	ECE	HCL Technologies
93	Anem Chandra Mouli	ECE	Aditya Birla Chemicals
94	Ansul Agarwal	ECE	Aditya Birla Chemicals
95	Sudhir Kumar	ECE	Aditya Birla Chemicals
96	Akarsh Agnivesh	ECE	TCS
97	Amit Kumar	ECE	TCS
98	Vishwajeet Singh	ECE	Capgemini
1	Pawan Kumar Yadav	IT	Yahoo!
2	Swadhin	IT	Yahoo!
3	Rishabh Shukla	IT	Citrix
4	Roshni Valecha	IT	Citrix
5	Ankush Jain	IT	IVY Comptech
6	Nitin Gupta	IT	IVY Comptech, Novell
7	Rahul Tiwari	IT	IVY Comptech
8	Ankit Pandey	IT	Oracle Server Tech
9	Ratnesh Thakur	IT	Oracle Apps
10	Mandeep Gandhi	IT	Direct-i
11	Swati Srivastava	IT	Yatra, IBM
12	Arun Bhardwaj	IT	ZS Associates
13	Gaurav Sharma	IT	MAQ Software
14	Shivank Goyal	IT	Oracle ACS
15	Shilpi Singh	IT	Tejas Networks
16	Harpreet Kaur	IT	SAP Labs, Deloitte
17	Udit Gupta	IT	Kronos Inc.
18	Sahil Govil	IT	Deloitte
19	Abhishek Bharadwaj	IT	Samsung (SEL)
20	Karishma Mittal	IT	Samsung (SEL)
21	Shashwat Kant	IT	MakeMyTrip

22	Vikrant Singh Yadav	IT	Nomura, Accenture
23	Aditya Kumar	IT	Amdocs
24	Ankit Mishra	IT	MakeMyTrip (QA)
25	Pawan Kumar	IT	Amdocs
26	Sarad Kumar Jaiswal	IT	Amdocs
27	Utkarsh Srivastava	IT	MakeMyTrip (QA)
28	Vaibhav Rai	IT	Amdocs
29	Varun Vats	IT	InfoEdge
30	Shobhit Agrawal	IT	Novell
31	Shivam	IT	Verizon Data Services
32	Amar Kumar	IT	Compro Technologies
33	Sudhir Kumar Mishra	IT	Vihaan Networks
34	Basu Bishal Bhashkar	IT	Sapient Global
35	Charit Pant	IT	Venera Technologies
36	Deependra Pandey	IT	Wipro
37	Km Padmini Pal	IT	Wipro
38	Pradeep Choube	IT	Wipro
39	Rajeev Ranjan Mishra	IT	Aricent
40	Sanjay Kumar	IT	Aricent
41	Shubham Agarwal	IT	Wipro
42	Chandan Kumar Rajak	IT	HCL Tech
43	Shailendra Verma	IT	TCS
44	Sudarshan Suresh	IT	Accenture
1	Ankit Joshi	Mechanical Engineering	HLS Asia, Bajaj Auto
2	Arham Ali	Mechanical Engineering	HLS Asia, Samsung Engg
3	Abhay Kurian	Mechanical Engineering	Britannia
4	Haimendra Kumar	Mechanical Engineering	NTPC, Coal India Ltd.
5	Lalit Meena	Mechanical Engineering	NTPC, Wipro
6	Saurabh Malviya	Mechanical Engineering	NTPC
7	Deependra Singh	Mechanical Engineering	NI
8	Alok Agarwal	Mechanical Engineering	IOCL
9	Mayank Bhayana	Mechanical Engineering	IOCL
10	Adit Gaur	Mechanical Engineering	Vizag Steel
11	Jasleen Singh	Mechanical Engineering	Tata Steel
12	Raja Raman	Mechanical Engineering	Tata Steel
13	Sagar Gera	Mechanical Engineering	Vizag Steel
14	Mohit Gupta	Mechanical Engineering	ZS Associates
15	Mohit Jaiswal	Mechanical Engineering	ZS Associates
16	Shekhar Singh	Mechanical Engineering	Brahmos Aerospace, HAL
17	Dharpal Pathak	Mechanical Engineering	Coal India Ltd.
18	Gaurav	Mechanical Engineering	Coal India Ltd., Wipro
19	Himanshu Joshi	Mechanical Engineering	Coal India Ltd., Mu-Sigma
20	Rahul Pal	Mechanical Engineering	Coal India Ltd.
21	Rajiv Kumar Karn	Mechanical Engineering	Coal India Ltd.
22	Sameer Arya	Mechanical Engineering	Coal India Ltd.
23	Ananya Nagar	Mechanical Engineering	Bajaj Auto
24	Pranjal Nigam	Mechanical Engineering	Bajaj Auto
25	Smriti Priya	Mechanical Engineering	Bajaj Auto
26	Vibhor Gupta	Mechanical Engineering	Bajaj Auto

27	Jaison K Varughese Uthup	Mechanical Engineering	Andhra Bank
28	Renu Khatri	Mechanical Engineering	Pepsico
29	Devanshu Awasthi	Mechanical Engineering	Hero MotoCorp
30	Girijesh Pandey	Mechanical Engineering	Hero MotoCorp
31	Pulkit Mathur	Mechanical Engineering	Hero MotoCorp
32	Abhishek Anand	Mechanical Engineering	TATA MOTORS
33	Anshuman Singh	Mechanical Engineering	TATA MOTORS
34	Shrey Joshi	Mechanical Engineering	TATA MOTORS
35	Anit Kumar	Mechanical Engineering	HAL
36	Aviral Rajeev	Mechanical Engineering	HAL
37	Azhmat Rana	Mechanical Engineering	HAL
38	Mayank Sharma	Mechanical Engineering	HAL
39	Mayank Sinha	Mechanical Engineering	HAL
40	Naman Rastogi	Mechanical Engineering	HAL
41	Ramji Prajapati	Mechanical Engineering	HAL
42	Saurabh Saxena	Mechanical Engineering	HAL
43	Shashank Dutt Tripathi	Mechanical Engineering	HAL
44	Tarun Garg	Mechanical Engineering	HAL
45	Vikas Sahu	Mechanical Engineering	HAL
46	Raju Singh	Mechanical Engineering	Hyundai
47	Suraj Kushwaha	Mechanical Engineering	Hyundai
48	Veer Ashutosh	Mechanical Engineering	Lanco Infratech, Wipro
49	Amit Kumar Yadav	Mechanical Engineering	Reliance Industries
50	Anurag Kumar Singh	Mechanical Engineering	Reliance Industries
51	Arsh Haider	Mechanical Engineering	Reliance Industries
52	Ashwani Kumar Sharma	Mechanical Engineering	Reliance Industries
53	Gautam Gupta	Mechanical Engineering	Reliance Industries
54	Gurudeep	Mechanical Engineering	Reliance Industries
55	Nakul Gupta	Mechanical Engineering	Reliance Industries
56	Tushar Bhargava	Mechanical Engineering	JSL Stainless Ltd
57	Vivekanand Singh	Mechanical Engineering	JSL Stainless Ltd
58	Puneet Arora	Mechanical Engineering	Maruti Suzuki
59	Rohit Kumar Kharwar	Mechanical Engineering	Maruti Suzuki
60	Shantesh Ojha	Mechanical Engineering	Maruti Suzuki
61	Sumit Gill	Mechanical Engineering	Maruti Suzuki
62	Tarun Dheer	Mechanical Engineering	Maruti Suzuki
63	Tarun Kumar	Mechanical Engineering	Maruti Suzuki
64	Mohit Agarwal	Mechanical Engineering	Samtel, Maruti Suzuki
65	Vishva Prakash	Mechanical Engineering	Schneider
66	Jeewan Subedi	Mechanical Engineering	BOC, Suzlon
67	Akash Deep	Mechanical Engineering	NBC Bearings, Capgemini
68	Sandip Garg	Mechanical Engineering	Bombardier , Adhunik Group
69	Saurabh Agarwal	Mechanical Engineering	AVTEC
70	Akhilesh Kumar Shukla	Mechanical Engineering	Samsung Engg
71	Ramkishor	Mechanical Engineering	Samsung Engg
72	Ujjawal Gupta	Mechanical Engineering	Samsung Engg
73	Akshay Kumar Agarwal	Mechanical Engineering	Suzlon
74	Rajeev Kumar	Mechanical Engineering	Suzlon

75	Subodh Chandra Subedi	Mechanical Engineering	Suzlon
76	Vinoth Prasath	Mechanical Engineering	Suzlon
77	Ashirbad Ghosh	Mechanical Engineering	Mu-Sigma
78	Piyush Bardia	Mechanical Engineering	Mu-Sigma
79	Siddharth S Pandey	Mechanical Engineering	Mu-Sigma
80	Ayush	Mechanical Engineering	India Bulls, Capgemini
81	Manish Kumar	Mechanical Engineering	India Bulls
82	Mukut Goel	Mechanical Engineering	India Bulls, Capgemini
83	Sanjar Rahman	Mechanical Engineering	India Bulls, Capgemini
84	Sauvik Saha	Mechanical Engineering	India Bulls
85	Arun Kumar Yadav	Mechanical Engineering	Wipro, Subros
86	Divya Prakash Singh	Mechanical Engineering	Honda Power
87	Rakesh Kumar	Mechanical Engineering	Honda Power
88	Ritesh Ranjan	Mechanical Engineering	Wipro, Adhunik Group
89	Roseline S Topno	Mechanical Engineering	Honda Power
90	Abhishek Kumar Sahay	Mechanical Engineering	Subros
91	Chandan Kumar	Mechanical Engineering	IDMC
92	Vinay Kumar Sahgal	Mechanical Engineering	R.K. Infra
1	Saurav Agarwal	Production Engineering	Britannia, Honda Power
2	Deepak Rai	Production Engineering	Indian Navy, IBM
3	Asmita Bhattacharya	Production Engineering	Tata Steel
4	Prashant Sinha	Production Engineering	ZS Associates
5	Ankit Yadav	Production Engineering	Hero MotoCorp
6	Saumya Pandey	Production Engineering	Hero MotoCorp
7	Aditya Verma	Production Engineering	TATA MOTORS
8	Amrita Lall	Production Engineering	TATA MOTORS
9	Dhrubajyoti Bhuyan	Production Engineering	Schneider
10	Shubham Agarwal	Production Engineering	IndiaBulls
11	Amit	Production Engineering	NBC Bearings
12	Gaurav Burman	Production Engineering	NBC Bearings
13	Rachit Srivastava	Production Engineering	NBC Bearings
14	Anjali Kumari	Production Engineering	AVTEC, Desein Indure
15	Anubhav Aggarwal	Production Engineering	Bombardier , Hindalco
16	Mohit Chopra	Production Engineering	AVTEC
17	Sumit Srivastava	Production Engineering	AVTEC
18	Ajit Kumar	Production Engineering	Lohia Starlinger
19	Yugal Chandra Bisht	Production Engineering	Mu-Sigma
20	Anubhava Tripathi	Production Engineering	Simon India
21	Nitesh Srivastava	Production Engineering	IndiaBulls
22	B Sunil Srinivas	Production Engineering	Adhunik Group, Capgemini
23	Rajesh Kumar Naik	Production Engineering	Honda Power
24	Akash Jain	Production Engineering	IBM
25	Pankaj Kumar Singh	Production Engineering	Desein Indure
26	Naveen Kumar	Production Engineering	Subros
27	Shubham Kumar	Production Engineering	Subros

7.2 Placement: M.Tech.

S.No	Name	Discipline	Company
1	Soni Kumari	Applied Mechanics Engg.	GLA Mathura
2	Saumya Shah	Applied Mechanics Engg.	LPU, Sri Ramswaroop
3	Hemant Verma	Applied Mechanics Engg.	Galgotias Univ
4	Pradeep Kumar Mishra	Applied Mechanics Engg.	Galgotias Univ
5	Upendra Kumar Yadav	Applied Mechanics Engg.	DIT
6	Mukesh Kumar Singh	Applied Mechanics Engg.	Sri Ramswaroop
7	Gaurav Verma	Applied Mechanics Engg.	Appache
8	Binay Kumar Pandey	Applied Mechanics Engg.	Appache
9	Pradeep Kumar Singh	Applied Mechanics Engg.	Appache
1	Neha Saxena	Biomedical	Sri Ramswaroop
2	Tanvi Jain	Biomedical	Sri Ramswaroop, IBM
3	Amit Kumar	Biomedical	Wipro
4	Nidhi Paliwal	Biomedical	Wipro
5	Ruchi	Biomedical	IBM M.Tech
1	Ayushi Jain	Biotechnology	Sri Ramswaroop
2	Noopur Singh	Biotechnology	Sri Ramswaroop
3	Anuj Shukla	Biotechnology	Wipro
4	Piyush Priya	Biotechnology	Wipro
1	Upasana Tandon	Civil (Environmental)	Sri Ramswaroop
2	Amit Kumar Jha	Civil (Environmental)	IBM M.Tech
3	Sonali Shrivastava	Civil (Environmental)	Galgotias Univ
1	Smita Kaloni	Civil (Structural Engg.)	GLA Mathura, Wipro
2	Bhavesh Kumar	Civil (Structural Engg.)	LPU
3	Brajesh Kumar	Civil (Structural Engg.)	LPU
4	Santosh Kumar Thakur	Civil (Structural Engg.)	LPU
5	Sheo Bachan Kumar	Civil (Structural Engg.)	Galgotias Univ
6	Tarun Kararha	Civil (Structural Engg.)	Desein Indure
1	Shubhra Shivani	Comp. Sc. & Engg	Oracle Apps
2	Mudit Pant	Comp. Sc. & Engg	Samsung (SEL)
3	Jagadish Dharanikota	Comp. Sc. & Engg	MAQ Software, TCS
4	Sharad Garg	Comp. Sc. & Engg	MAQ Software, TCS
5	Vipendra Kumar Mehra	Comp. Sc. & Engg	MAQ Software, TCS
6	Arjun Choudhary	Comp. Sc. & Engg	Deloitte
7	Shashank Gupta	Comp. Sc. & Engg	Deloitte
8	Namita Srivastava	Comp. Sc. & Engg	GLA Mathura
9	Shailendra Verma	Comp. Sc. & Engg	Amdocs, TCS
10	Dinesh Kumar Yadav	Comp. Sc. & Engg	LPU, GroupSoft
11	Ghanshyam Verma	Comp. Sc. & Engg	LPU, GroupSoft
12	Rohit Kumar Gupta	Comp. Sc. & Engg	Mangalayatan Univ
13	Swagat Ranjan Sahoo	Comp. Sc. & Engg	Mangalayatan Univ
14	Hemant Hariyale	Comp. Sc. & Engg	Wipro
15	Mhd Feeroz	Comp. Sc. & Engg	IBM M.Tech
16	Paras Gupta	Comp. Sc. & Engg	Wipro
17	Pratima Vishwakarma	Comp. Sc. & Engg	Wipro
18	Glitto Mathew	Comp. Sc. & Engg	TCS
1	Sawaliya Patidar	Electrical(C&I)	DIT
2	Ankit Tiwari	Electrical(C&I)	Sri Ramswaroop

3	Mohd Tabrej Alam	Electrical(C&I)	Sri Ramswaroop
4	Shivam Bhardwaj	Electrical(C&I)	Mangalayatan Univ.
5	Srinivasarao Chappa	Electrical(C&I)	TCS
1	Yerraguntla Shasi Kumar	Electrical(PE & ASIC)	GLA Mathura
2	Arinjoy Biswas	Electrical(PE & ASIC)	Galgotias Univ, Wipro
3	Ashish Kushwaha	Electrical(PE & ASIC)	Galgotias Univ
4	Nareshkumar Kummari	Electrical(PE & ASIC)	Galgotias Univ
5	Rajan Kumar	Electrical(PE & ASIC)	Galgotias Univ
6	Rishabh Abhinav	Electrical(PE & ASIC)	Galgotias Univ, IBM
7	Syamnaresh Garlapati	Electrical(PE & ASIC)	Galgotias Univ
8	Himanshu Kumar	Electrical(PE & ASIC)	DIT
9	Rahul Sharma	Electrical(PE & ASIC)	DIT
10	Soumendra Kumar Bagh	Electrical(PE & ASIC)	DIT
11	Jawahar Lal Jaiswal	Electrical(PE & ASIC)	Sri Ramswaroop
12	Shubham Verma	Electrical(PE & ASIC)	Sri Ramswaroop
13	Sandeep Banerjee	Electrical(PE & ASIC)	Mangalayatan Univ
14	Umesh Chandra Dikshit	Electrical(PE & ASIC)	Mangalayatan Univ
15	Vijay Kumar Singh	Electrical(PE & ASIC)	Mangalayatan Univ
16	Megha Goyal	Electrical(PE & ASIC)	Wipro
17	Priyanka Sonkar	Electrical(PE & ASIC)	IBM M.Tech
18	Vikas Srivastava	Electrical(PE & ASIC)	IBM M.Tech
19	Ishtiyaque Ahmad	Electrical(PE & ASIC)	Capgemini
1	Preeti Pathak	Electronics (DS)	GLA Mathura
2	Anil Babu Pynam	Electronics (DS)	LPU, IBM M.Tech
3	Ramakrishna Palaparethi	Electronics (DS)	LPU
4	Amit Kumar	Electronics (DS)	Galgotias Univ
5	Anita Kodap	Electronics (DS)	DIT, AtoS
6	Sivavenkateswara Rao V	Electronics (DS)	DIT, Capgemini
7	Ved Prakash	Electronics (DS)	Mangalayatan Univ
8	Himanshu Agarwal	Electronics (DS)	IBM M.Tech
9	Nand Kishore	Electronics (DS)	Wipro
1	Mukesh Kumar Singh	Fluid Engg	Cummins
2	Ashish Kumar Patel	Fluid Engg	LPU
3	Vishnudas R	Fluid Engg	LPU
4	Ramakant Pandey	Fluid Engg	DIT, Wipro
5	Sunil Kumar Singh	Fluid Engg	Sri Ramswaroop
6	Anurag Kulshrestha	Fluid Engg	Zeus Numerix
7	Patil Yuvaraj Shivaji	Fluid Engg	Zeus Numerix
8	Ritesh Srivastava	Fluid Engg	Mangalayatan Univ
9	Shilpee Roy	Fluid Engg	Zeus Numerix
1	Mainak Bandyopadhyay	GIS & Remote Sensing	LPU, TCS
2	Alka Maurya	GIS & Remote Sensing	DIT
3	Jagadish B	GIS & Remote Sensing	DIT
4	Arindam Saha	GIS & Remote Sensing	IBM M.Tech
5	Ashutosh Tiwari	GIS & Remote Sensing	TCS
6	Devendra Kumar	GIS & Remote Sensing	Gaboli
1	Durgesh Bajpai	Information Security	Oracle GCS, Aricent
2	Buddhdev Prasann K	Information Security	MAQ Software, Aricent
3	Poonam Pandey	Information Security	GLA Mathura, Aricent

4	Sachin Kumar Saini	Information Security	Impetus Tech
5	Sagar Pareek	Information Security	Amdocs
6	Sanjeev Kumar Chauhan	Information Security	Impetus Techn
7	Aravendra Kumar Sharma	Information Security	Galgotias Univ
8	Vivek Sharma	Information Security	DIT, GroupSoft
9	Akhilesh Kumar	Information Security	Aricent
10	Alok Kumar Kashyap	Information Security	Aricent
11	G Niteshkumar Amrutlal	Information Security	Aricent
12	Harsh Kumar Dubey	Information Security	Aricent
13	Kunal Sain	Information Security	HCL Technologies
14	Sankalp Sonu	Information Security	HCL Technologies
15	Sushil Kumar Saroj	Information Security	HCL Technologies
16	Sandeep Kumar Gupta	Material Science Engg.	Galgotias Univ
17	Rahul Agarwal	Material Science Engg.	Sri Ramswaroop
18	Swati Sachan	Mech(CAD &CAM)	GLA Mathura
19	Adarsh Choudhary	Mech(CAD &CAM)	Cummins
20	Mohit Jain	Mech(CAD &CAM)	Cummins
21	Preeti Tiwari	Mech(CAD &CAM)	Sri Ramswaroop, Wipro
22	Sunil Kumar Sharma	Mech(CAD &CAM)	Sri Ramswaroop
23	Gaurav Pant	Mech(CAD &CAM)	Mangalayatan Univ.
24	Parameshwararao V	Mech(CAD &CAM)	IBM M.Tech
1	Sachin Gupta	Mech(Design)	Mahindra &Mahindra
2	Vivek Kumar Singh	Mech(Design)	Mahindra &Mahindra
3	Harish Kumar Sharma	Mech(Design)	GLA Mathura
4	Tarun Gupta	Mech(Design)	GLA Mathura
5	Preeti Singh	Mech(Design)	Cummins
6	Saurabh Kumar	Mech(Design)	LPU
7	Deepak Jain	Mech(Design)	Suzlon
8	Abid Hussain	Mech(Design)	Mangalayatan Univ
9	Abhishek Rajwanshi	Mech(Design)	Wipro
10	Ashutosh Prajapati	Mech(Design)	Wipro
11	Balaji Ps	Mech(Design)	Wipro
1	Aazad Hussain	Mech (PDD)	Cummins
2	Anish Kumar	Mech (PDD)	Cummins
3	Khushboo Agarwal	Mech (PDD)	Cummins
4	Manikandan M	Mech (PDD)	Cummins
1	Sunkavalli Venkatarao V	Mech(Prod Engg)	Cummins
2	Inayatullah	Mech(Prod Engg)	Sri Ramswaroop
3	Vishant	Mech(Prod Engg)	Qualcomm
1	Prateek Jain	ME & VLSI Design	GLA Mathura
2	Govind Krishna Pal	ME & VLSI Design	Apache DS
3	Nayana R	ME & VLSI Design	Apache DS
4	Prashant Shekhar	ME & VLSI Design	Apache DS
5	Sumandeep Kaur	ME & VLSI Design	Apache DS
6	Ashish Rawat	ME & VLSI Design	Galgotias Univ
7	Pulkit Singh	ME & VLSI Design	Galgotias Univ
8	Yogesh Yadav	ME & VLSI Design	Galgotias Univ
9	Jyotsna Sahu	ME & VLSI Design	Sri Ramswaroop
10	Sumit Vyas	ME & VLSI Design	Mangalayatan Univ

11	Ankur Singh	ME & VLSI Design	Wipro
12	Pushpa Rani	ME & VLSI Design	IBM M.Tech
13	Ramanuj Mishra	ME & VLSI Design	Wipro
14	Vadthya Bheemudu	ME & VLSI Design	IBM M.Tech
15	Vivek Kumar Anand	ME & VLSI Design	IBM M.Tech
16	Wanjul Dattatray R	ME & VLSI Design	Wipro
1	Priyanka Goel	Software Engg.	Samsung SISO
2	Subhash Kumar	Software Engg.	Samsung SISO
3	Vipin Kumar Pandey	Software Engg.	Deloitte
4	V S Anirudha Kaki	Software Engg.	MakeMyTrip
5	Atul Kumar Srivastava	Software Engg.	Samsung (SISC)
6	Pragya Lal	Software Engg.	Amdocs
7	Indu Yadav	Software Engg.	LPU
8	Rakesh Kumar Lenka	Software Engg.	Sri Ramswaroop
9	Anamika Maurya	Software Engg.	Mangalayatan Univ
10	Yogesh Kumar	Software Engg.	Wipro
11	Abhinav Kumar Gupta	Software Engg.	Aricent
12	Deepesh Kaushal	Software Engg.	Aricent
13	Priti Tiwari	Software Engg.	HCL Technologies
14	Vinay Pratap Singh	Software Engg.	Aricent
15	Gautam Kumar	Software Engg.	TCS
16	Nidhi Jain	Software Engg.	TCS
17	Ramesh Chand	Software Engg.	TCS

7.3 Placement: MCA

S.No	Name	Course	Company
1	Ankita Dhyani	MCA	Goldman Sachs
2	Pranshu Kansal	MCA	MAQ Software
3	Nidhi Jain	MCA	Deloitte
4	Aamir Shaba	MCA	Samsung (SEL)
5	Anuj Nautiyal	MCA	Samsung (SEL)
6	Divya Pandey	MCA	Samsung (SEL)
7	Pradeep Tiwari	MCA	Samsung (SEL)
8	Ankur Saxena	MCA	Make My Trip
9	Pankaj Kumar	MCA	Make My Trip
10	Shweta Singh	MCA	Make My Trip
11	Snehi Jain	MCA	Make My Trip
12	Stuti Singhal	MCA	Make My Trip
13	Tushar Kanta Rath	MCA	Make My Trip
14	Deepshikha Singh	MCA	Drishiti Soft, TCS
15	Abhishek Pandey	MCA	Amdocs, Accenture
16	Kiran Rathaur	MCA	Amdocs
17	shobhit Pandey	MCA	Amdocs
18	S Waheed Mustafa Rizvi	MCA	Amdocs, TCS
19	Vaibhav Gupta	MCA	Amdocs
20	Mohammad Shamim	MCA	IVY Comptech

21	Amit Kumar	MCA	Tech Endeavour
22	Chandra Shekhar Dwivedi	MCA	Tech Endeavour
23	Nitish Raj	MCA	Tech Endeavour
24	Abhilasha Dwivedi	MCA	ComViva
25	Akanksha Gupta	MCA	ComViva
26	Harsh Deep Dixit	MCA	ComViva
27	Mukund Tiwari	MCA	ComViva
28	Pallavi Kumari	MCA	ComViva
29	Abhishek Singh	MCA	Wipro
30	Ajay Kumar	MCA	Wipro
31	Ankita Agarwal	MCA	Aricent
32	Goldi Singh	MCA	Wipro
33	Navdeep Gupta	MCA	Aricent
34	Pradeep Kumar Gupta	MCA	Wipro
35	Praveen Kumar Kushwaha	MCA	Wipro
36	Ungati Chandrasekhar	MCA	Wipro
37	Vishnu G	MCA	Wipro
38	Jagrati Verma	MCA	IBM
39	Rajat Kushwaha	MCA	IBM
40	Ajay Pratap Singh	MCA	TCS
41	Aman Kumar	MCA	TCS
42	Avinash Singh Sachan	MCA	TCS
43	Nirmal Kharia	MCA	TCS
44	Raj Shanker	MCA	TCS
45	Aftab Alam	MCA	HCL Technologies
46	Vishal Kumar	MCA	Capgemini
47	Prashant Kumar Singh	MCA	Accenture
48	Reyaz Husain	MCA	Accenture
49	Sachchidanand Gautam	MCA	Accenture
50	Swati Vaish	MCA	Groupsoft
51	Dhiraj Kumar Gupta	MCA	Groupsoft

7.4 Placement: MBA

S.No	Name	Course	Company
1	Anamika Singh	MBA	Coal India Ltd
2	Bhaskar Singh	MBA	Coal India Ltd.
3	Deepankar Singh	MBA	Coal India Ltd
4	Jagmeet Kaur	MBA	Coal India Ltd.
5	Nayanka Jaiswal	MBA	Coal India Ltd
6	Prerna Munshi	MBA	Coal India Ltd.
7	Priya Singh	MBA	Coal India Ltd
8	Sagar Kundu	MBA	Coal India Ltd.
9	Vivek Tripathi	MBA	Coal India Ltd

10	Vishal Singh	MBA	Coal India Ltd.
11	Abhinav Gupta	MBA	IDBI Bank Ltd.
12	Avinash Roshan	MBA	IDBI Bank Ltd.
13	Mayapati Mishra	MBA	IDBI Bank Ltd.
14	Mukesh Ram Naresh Saroj	MBA	IDBI Bank Ltd.
15	Rahul Singh Sisodia	MBA	IDBI Bank Ltd.
16	Swati Singh	MBA	IDBI Bank Ltd.
17	Udita Agrawal	MBA	IDBI Bank Ltd.
18	Vindhey Gaurav	MBA	IDBI Bank Ltd.
19	Abhishek Kumar Singh	MBA	Allahabad Bank
20	Amit Pandey	MBA	Allahabad Bank
21	Deepesh Dhanrajani	MBA	Allahabad Bank
22	Mukesh Kumar	MBA	Allahabad Bank
23	Shailendra Singh	MBA	Allahabad Bank
24	Vimal Singh	MBA	Allahabad Bank, Bank of Baroda
25	Kuldeep Singh	MBA	Allahabad Bank
26	Rohit Kumar	MBA	Allahabad Bank
27	Sudipta Chowdhary	MBA	Allahabad Bank
28	Jitendra Singh	MBA	Allahabad Bank
29	Akanksha Sonker	MBA	Bank of Baroda
30	Sunil Sangwan	MBA	Bank of Baroda
31	Sachin Kumar	MB A	Site Seven, Srijan
32	Praveen Kumar	MBA	Site Seven
33	Rahul Patel	MBA	Site Seven
34	Sanjay Kumar Singh	MBA	Site Seven, Opho Remedies
35	Rahul Singh	MBA	Sharda University
36	Khushboo Khatter	MBA	Sharda University
37	Farhanullah Ansari	MBA	Sharda University
38	Akhilesh Pratap Singh	MBA	Sharda University, Axix Bank
39	Nitesh Kumar Chandwani	MBA	KV Bank
40	Nishant Singh	MBA	KV Bank
41	Shashwat Vaish	MBA	KV Bank
42	Anil Kumar 2010MB23	MBA	KV Bank
43	Yashdeep	MBA	KV Bank
44	Anuradha	MBA	Axis Bank, Srijan
45	Ashish Tiwari	MBA	Axis Bank
46	Dileep Mishra	MBA	Axis Bank
47	Mansi Sharma	MBA	Axis Bank
48	Prafulla Tekriwal	MBA	Axis Bank
49	Shipra Singh	MBA	Axis Bank
50	Anil Kumar 2010MB45	MBA	Opho Remedies
51	Bhupesh Singh	MBA	Opho Remedies