

**Annual Report  
2013-2014**



## **NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING**

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**NITIE for Nurturing Industry Towards Excellence**



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Annual Report  
2013-14

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This Annual Report of the  
National Institute of Industrial Engineering (NITIE),  
Mumbai covers the period  
1 April 2013 - 31 March 2014.

National Institute of Industrial Engineering

## **Vision**

"To be a leader in the knowledge led productivity movement"

## **Mission**

"To nourish a learning environment conducive to foster innovations in productivity and business development"

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**INTRODUCTION**

National Institute of Industrial Engineering (NITIE) was established in 1963 by the Government of India, as a National Institute with the assistance of United Nations Development Programme (UNDP) through the International Labour Organisation (ILO). NITIE Campus is located in one of the most picturesque surroundings at Mumbai flanked by Powai and Vihar Lakes.

NITIE is governed by Board of Governors comprising eminent personalities from government, academia, and industry.

Over the last 50 years, NITIE has emerged as a pioneer Institute in the area of Productivity Improvement, Quality Management, Manpower Studies, Operations and Manufacturing Management, Materials Management, Logistics, Business Process Reengineering, Enterprise Resource Planning (ERP), Supply Chain Management (SCM), Project Management, Technology Management, IT and Systems, Financial Management and Marketing Management.

|                           |
|---------------------------|
| <b>BOARD OF GOVERNORS</b> |
|---------------------------|

Number of Board/Society meeting held with following dates :

| Board Meeting No.   | Date       |
|---------------------|------------|
| 140                 | 05.06.2013 |
| 141                 | 25.09.2013 |
| 142                 | 22.11.2013 |
| 143                 | 27.03.2014 |
| Society Meeting No. | Date       |
| 66                  | 05.06.2013 |
| 67                  | 25.09.2013 |
| 68                  | 22.11.2013 |

**INFORMATION FOR ANNUAL REPORT****(1<sup>st</sup> April 2013 to 31<sup>st</sup> March 2014)****NITIE BOARD OF GOVERNORS / SOCIETY****I Chairman**

Shri Gautam Thapar  
 Chairman, NITIE Board of Governors &  
 Chairman, Avantha Group  
 Thapar House  
 124, Janpath  
 NEW DELHI 110 001

**II Representatives of Central Government****1. Finance**

Shri A.N. Jha (upto 24.9.2013)  
 Additional Secretary & Financial Adviser  
 Ministry of Human Resource Development  
 Government of India  
 Room No.111, 'C' Wing  
 Shastri Bhavan, NEW DELHI 110 001

Shri Yogendra Tripathi (from 25.9.2013)  
 Joint Secretary & Financial Adviser  
 Ministry of Human Resource Development  
 Room No.111, 'C' Wing  
 Government of India  
 Shastri Bhavan, NEW DELHI 110 001

**2. Education**

Smt. Amita Sharma (upto 24.9.2013)  
 Additional Secretary (TEL)  
 Ministry of Human Resource Development  
 Department of Higher Education  
 Government of India,  
 Shastri Bhavan  
 NEW DELHI 110 001

Shri Praveen Prakash (from 25.9.2013)  
 Joint Secretary (TEL)  
 Ministry of Human Resource Development  
 Department of Higher Education  
 Government of India,  
 Shastri Bhavan  
 NEW DELHI 110 001

**3. Ministry of Industry/Commerce**

Shri K.K. Sinha  
 Industrial Advisor  
 Ministry of Commerce & Industry  
 Government of India  
 Dept. of Industrial Policy and  
 Promotion  
 Udyog Bhavan,  
 NEW DELHI 110 011



### III Representative of National Productivity Council

Shri Harbhajan Singh, I.A.S (from 1.12.2013)  
 Director General  
 National Productivity Council  
 Utpadakta Bhavan  
 5-6, Institutional Area  
 Lodi Road,  
 NEW DELHI 110 003

### IV Representative of All India Council for Technical Education

Dr. K.P.Isaac  
 Member Secretary  
 All India Council for Technical Education  
 (AICTE)  
 7th Floor,  
 Chanderlok Building,  
 Janpath  
 NEW DELHI 110 001

### V Four Representatives of Industry including Public Enterprises nominated by Central Government

1. Shri K.K. Singh  
 Chairman & CEO  
 Rolta Group of Companies  
 Rolta Tower 'A', Rolta Technology Park  
 MIDC, Andheri (E)  
 MUMBAI 400 093
2. Shri V.K. Magapu  
 Senior Executive Vice President and Head  
 L&T Infotech and Engineering Services  
 Business  
 Technology Centre, 6th Floor,  
 Gate No.5  
 Saki Vihar Road, Powai  
 MUMBAI 400 072

3. Dr. Naushad Forbes (upto 27.1.2014)  
 Chairman & Managing Director  
 Forbes Marshall  
 PB # 29, Mumbai-Pune Road  
 Kasarwadi,  
 PUNE 411 034

### VI Two Members Representing

#### Worker's Organisations

1. Shri Rajendra Prasad Singh. Ex-MLA  
 General Secretary INTUC  
 At & P.O. Bermo  
 Dist. Bokaro, Jharkhand – 825 102.
2. Shri Gurudas Dasgupta, M.P  
 General Secretary  
 All India Trade Union Congress (AITUC)  
 35-36, DDU Marg  
 Rouse Avenue, NEW DELHI 110 002  
 15, Canning Lane  
 NEW DELHI 110 001

### VII Two Representatives of other interests such as Engineering professions and technical institutions, etc.

1. Prof. Devang V. Khakhar  
 Director  
 Indian Institute of Technology  
 Powai  
 MUMBAI 400 076
2. Prof. S.P. Sukhatme  
 Former Chairman-Atomic Energy  
 Regulatory Board (AERB)  
 Prof. Emeritus, IIT Bombay  
 8-C, Anjaneya Co-op. Hsg. Soc.,  
 Opp. Hiranandani School, Powai.  
 Mumbai 400 076

**VIII Two Co-opted Members Representing Industrial Engineering, Productivity Sciences, etc.(co-opted by the Board)**

1. Dr. Ganesh Natarajan  
Deputy Chairman & Managing Director  
Zensar Technologies Ltd.  
Zensar Knowledge Park, Kharadi  
Plot #4, MIDC, Off. Nagar Road  
PUNE-411 014
2. Shri Janmejaya Sinha  
Chairman-Asia Pacific  
The Boston Consulting Group  
14th Floor, Nariman Bhavan  
227, Nariman Point  
MUMBAI 400 021

**IX One Representative of Govt. of Maharashtra Co-opted by the Board**

to be co-opted by the Board

**X Ex-Officio-Member**

Prof. Amitabha De (upto 21.04.2013)  
Director I/c  
NITIE

Prof. (Ms.) Karuna Jain (from 22.4.2013)  
Director  
NITIE

**XI Two Members of NITIE Teaching Faculty to be co-opted by the Chairman**

1. Prof. (Ms) Mani K Madala (upto 31.12.2013)  
NITIE

Prof. (Mrs) Neelima S Naik (from 1.1.2014)  
NITIE

2. Prof. B.M. Ghodeswar (upto 31.12.2013)  
NITIE

Prof. A.K. Pundir (from 1.1.2014)  
NITIE

**XII Ex-Officio-Secretary**

Dr. R. Premkumar  
Registrar  
NITIE

**ACADEMIC PROGRAMMES****1.1 Post Graduate Diploma in Industrial Engineering (PGDIE)****a. XLI Batch (2011-2013)**

The students of PGDIE-XLI Batch have completed their programmes and placed in various organizations.

**b. XLII Batch (2012-2014)**

The students of PGDIE-XLII Batch have completed their 7<sup>th</sup> Quarter.

**c. XLIII Batch (2013-2015)**

The students of PGDIE-XLIII Batch have completed their 3<sup>rd</sup> Quarter.

Admission notification for PGDIE-XLIV Batch (2014-2016) was released in leading Newspapers/Journals, magazines and on NITIE website on 13<sup>th</sup> March, 2014. Admission related activities are in progress.

**1.2 Post Graduate Diploma in Industrial Management (PGDIM)****a. XVIII Batch (2011-2013)**

The students of PGDIM-XVIII Batch have completed their programmes and placed in various organizations.

**b. XIX Batch (2012-2014)**

The students of PGDIM-XIX Batch have completed their 7<sup>th</sup> Module.

**c. XX Batch (2013-2015)**

The students of PGDIM-XX Batch have completed their 3<sup>rd</sup> Module.

**1.3 Post Graduate Diploma in Industrial Safety & Environmental Management (PGDISEM)****a. XI Batch (2011-2013)**

The students of PGDISEM-XI batch have completed their programmes and placed in various organizations.

**b. XII Batch (2012-2014)**

The students of PGDISEM-XII Batch have completed their 7<sup>th</sup> Module.

**c. XIII Batch (2013-2015)**

The students of PGDISEM-XIII Batch have completed their 3<sup>rd</sup> Module.

**1.4 Post Graduate Diploma in Information Technology Management (PGDITM)****a. VI Batch (2011-2013)**

The students of PGDITM-VI Batch have completed their programmes and placed in various organizations.

**b. VII Batch (2012-2014)**

The students of PGDITM-VII Batch have completed their 7<sup>th</sup> Module.

### c. VIII Batch (2013-2015)

The students of PGDITM-VIII Batch have completed their 3<sup>rd</sup> Module.

Admission notification in respect of PGDIM XXI Batch & PGDISEM XIV Batch was released in leading Newspapers/Journals, Magazines and on NITIE website on 13th October, 2013. A total No. of 5125 applications were received and 1349 candidates were short listed for GD & PI based on the CAT Score and overall academic performance. GD & PI is scheduled to be held from 31.3.2014 to 4.4.2014.

## 2.0 CONVOCATION

### NITIE – XIX CONVOCATION

National Institute of Industrial Engineering (NITIE) held its XIX Convocation Ceremony on 5th June 2013. The convocation ceremony was graced by Shri R.C. Bhargava, Chairman of Maruti Suzuki India Ltd. as Chief Guest; Mr Gautam Thapar, Chairman, NITIE Board of Governors; Dr. Karuna Jain, Director, NITIE and other Board members also shared the dias with him.

The event started with lighting of lamp by the dignitaries and addresses by personalities on the dias. The Chief Guest, Shri RC Bhargava at the outset, congratulated the student recipients and the awardees on this very special day and stressed on the need of industry oriented education system. Addressing the audience, he shared his happiness in NITIE for providing both academic knowledge and technical know-how. He motivated the students to ascend towards holistic development which is combination of education, knowledge and ethical behavior.



*XIX Convocation Ceremony NITIE  
June 5, 2013 NITIE Campus, Mumbai*

As industry personnel, he shared his experience on India's stature in the global market, its resourcefulness, strengths and weakness as a global competitor. He emphasized the need of conducive working environment wherein there is effective ground implementation of strategies and policies framed in board rooms. Besides this, he talked about the concept of public private partnership and the need for more of such ties between government and private sector.

He acquainted the students with the needs and demands of industrial setup and explained them the linkages of industry and business. The chief guest advised them to enter into their professional arenas with open minds, willingness to share and mingle and desire to learn from their counterparts irrespective of their professional statures. Time and again, he reminded the students the virtue of team work, competitiveness, motivation, sense of equality and mutual respect for the work force working under them.

Dr. Karuna Jain, Director, NITIE presented Post Graduate Diploma Certificates to 389 students from disciplines like Post Graduate Diploma in Industrial Engineering, Industrial Management,

Industrial Safety & Environmental Management and Information Technology Management. Students with scholastic excellence were also awarded under various categories by the Chief Guest. Rinku Vatnani, was awarded Chairman's Medal and Certificate & Dr Pranlal Patel Award for Best Student. Director's Prize and Dr Pranlal Patel Prize for best summer project was awarded to Jayshree Verma. Apeejay Trust Award was received by Rasaal Tiwari. Megha Adhlakha, Rajkumar Patidar, Shri Gurkirat Singh, Ahana Chakraborty, Mullai Selvan, Arunima Jain, Amit N Bhatia, Ketaki Vivek Sakhalkar, Abhishek Chaurasia were also awarded for their academic achievements. The ceremony ended with cheers and smiles of graduands.



*XIX Convocation Ceremony, NITIE  
June 5, 2013, NITIE Campus, Mumbai*

|                  |
|------------------|
| <b>PLACEMENT</b> |
|------------------|

**REPORT ON FINAL PLACEMENTS OF PG DIPLOMA IN INDUSTRIAL ENGINEERING (PGDIE-42), INDUSTRIAL MANAGEMENT (PGDIM-19), INDUSTRIAL SAFETY & ENVIRONMENTAL MANAGEMENT (PGDISEM – XII) AND IT MANAGEMENT (PGDITM – VII) BATCH YEAR 2013 – 14**

| Particulars |  | Year : 2013-14 |              |               |                |              |
|-------------|--|----------------|--------------|---------------|----------------|--------------|
| 1           | No of companies whose offers were accepted | 117            |              |               |                |              |
| 2           | No of students placed                      | <b>PGDIE</b>   | <b>PGDIM</b> | <b>PGDITM</b> | <b>PGDISEM</b> | <b>Total</b> |
|             | Domestic                                   | 103            | 205          | 17            | 29             | 354          |
|             | Foreign                                    | 3              | 4            | 0             | 0              | 7            |
|             | Total                                      | 106            | 209          | 17            | 29             | 361          |
| 3           | No of students yet to be placed            | 0              | 0            | 0             | 0              | 0            |
| 4           | No of students opted out of placements     | 2              | 4            | 2             | 4              | 12           |
| 5           | Total number of students in the batch      | 108            | 213          | 19            | 33             | 373          |

**List of Companies whose offers were accepted**

| Sl No. | Name of Company        |
|--------|------------------------|
| 1      | ABBOT                  |
| 2      | Accenture              |
| 3      | Aecom                  |
| 4      | Amazon                 |
| 5      | Anand Group            |
| 6      | AQ                     |
| 7      | Asian Paints           |
| 8      | Axis Bank              |
| 9      | BATA India             |
| 10     | Berger Paints          |
| 11     | Bosch Ltd              |
| 12     | Bristlecone            |
| 13     | Capgemini              |
| 14     | CARBON CLEAN SOLUTIONS |
| 15     | Casby Logistics        |
| 16     | CGN Associates         |
| 17     | CITIUS                 |
| 18     | Cognizant              |

| Sl No. | Name of Company   |
|--------|-------------------|
| 19     | COLGATE           |
| 20     | Covacsis          |
| 21     | Credit Suisse     |
| 22     | Crompton Greaves  |
| 23     | CUMMINS           |
| 24     | DELL              |
| 25     | DELOITTE          |
| 26     | Deutsche          |
| 27     | DHL Express       |
| 28     | DHL Supply Chain  |
| 29     | Dow Chemicals     |
| 30     | DR REDDY'S LAB    |
| 31     | Ebay              |
| 32     | ELY LILLY         |
| 33     | Emami             |
| 34     | Ernst & Young LLP |
| 35     | Flipkart          |
| 36     | GCPL              |

| Sl No. | Name of Company       |
|--------|-----------------------|
| 37     | GE-INDIA              |
| 38     | General Mills         |
| 39     | Genpact               |
| 40     | GeP                   |
| 41     | GLAXOSMITHKLINE       |
| 42     | Glenmark Pharma       |
| 43     | Goderej Agrovate      |
| 44     | Goderej Ind.          |
| 45     | HCCB                  |
| 46     | HCL                   |
| 47     | Henkel                |
| 48     | Hero MotoCorp. Ltd    |
| 49     | HP                    |
| 50     | HSBC                  |
| 51     | HUL                   |
| 52     | IBM                   |
| 53     | IBS                   |
| 54     | Idea                  |
| 55     | iGate                 |
| 56     | Impetus Infotech      |
| 57     | Infosys               |
| 58     | Inspirage             |
| 59     | ITC                   |
| 60     | ITC INFOTECH          |
| 61     | JDA Software          |
| 62     | Jet Airways           |
| 63     | Jewelex India         |
| 64     | JLT                   |
| 65     | Johnson & Johnson     |
| 66     | JP MORGAN             |
| 67     | Jubilant Lifesciences |
| 68     | Kotak Mahindra        |
| 69     | KPMG                  |
| 70     | L & T Infotech        |
| 71     | Landmark              |
| 72     | Lava                  |
| 73     | Lenovo                |
| 74     | Lodha Group           |
| 75     | Madura                |
| 76     | Mahindra Comviva      |

| Sl No. | Name of Company            |
|--------|----------------------------|
| 77     | Mahindra Logistics         |
| 78     | MARS International         |
| 79     | Mindtree                   |
| 80     | Mondlez                    |
| 81     | My Setu                    |
| 82     | Neogrowth                  |
| 83     | NESTLE                     |
| 84     | NSE                        |
| 85     | Oracle                     |
| 86     | P&G                        |
| 87     | PEPSICO                    |
| 88     | Persistent Systems Ltd.    |
| 89     | Pidilite                   |
| 90     | ProcessMAP                 |
| 91     | Pure Chem                  |
| 92     | PwC                        |
| 93     | Ranbaxy                    |
| 94     | Ratnakar Bank              |
| 95     | Reckitt                    |
| 96     | Reliance Communication     |
| 97     | SAB MILLER                 |
| 98     | SAP GLOBAL DELIVERY        |
| 99     | Schneider Electric         |
| 100    | Skoda Auto                 |
| 101    | Subros                     |
| 102    | Syncore                    |
| 103    | Syngenta                   |
| 104    | Syntel                     |
| 105    | Tata motors                |
| 106    | Tata Steel Ltd.            |
| 107    | TCS                        |
| 108    | Titan                      |
| 109    | Trinamix                   |
| 110    | United Health Group        |
| 111    | UTC                        |
| 112    | VVF                        |
| 113    | Wipro                      |
| 114    | Yash Technologies Pvt. Ltd |
| 115    | YES BANK                   |
| 116    | Zensar Technologies        |
| 117    | ZS Associates              |

## MANAGEMENT DEVELOPMENT PROGRAMMES

NITIE offers about 100 short-term programmes of one to two week duration every year for practising managers, engineers and administrators. So far, about 57,322 executives and specialists from various organisations have been trained through these programmes.

Managerial capability is the most critical factor of one's competitive edge. Managers have to keep pace with the contemporary pattern of socio-economic and technological changes and complexities and its impact on business performance. To perform a managerial role or to fulfil a managerial task successfully, the executives need a vast mix of skills different from that of traditional wisdom. In this era of global competition, managers have to demonstrate the excellence and strive for gaining competitive advantage.

NITIE considers this philosophy as paramount importance in developing managers through its Management Development Programmes and constantly endeavours to update its programmes in order to meet the current and emerging needs of the industry in the field of industrial engineering, industrial operations, information technology, environmental management, and management subjects including organisation behaviour, human resource management, accounting and finance, marketing and strategic management, etc.

During the year 2013-14 NITIE conducted 32 Management Development Programmes and 373 participants were enrolled. Details are given further :

### MANAGEMENT DEVELOPMENT PROGRAMMES CONDUCTED DURING 04/01/2013 TO 03/31/2014

| Sr. No. | Course Code No. | Course Title                               | Duration (weeks) | Starting date | Course Leader(s)                    | Pub. Sec. | Pvt Sec | Total No. of Partts. | Total Partts. (weeks) |
|---------|-----------------|--|------------------|---------------|-------------------------------------|-----------|---------|----------------------|-----------------------|
| 1       | MB001_13        | LEADING EFFECTIVELY                        | 3                | 04/15/2013    | MRS. SUMI JHA                       | 5         | 3       | 8                    | 8                     |
| 2       | MB002_13        | EXCELLENCE IN COMMUNICATION                | 3                | 07/15/2013    | DR. NIKHIL MEHTA                    | 6         | 4       | 10                   | 10                    |
| 3       | MB003_13        | EFFECTIVE COMMUNICATION SKILL FOR MANAGERS | 5                | 07/22/2013    | DR. S. MUKHOPADHYAY                 | 25        | 1       | 26                   | 26                    |
| 4       | MB008_13        | MANAGERIAL LEADERSHIP AND TEAM BUILDING    | 3                | 09/02/2013    | DR. S.K. NAIR                       | 10        | 14      | 24                   | 24                    |
| 5       | MB009_13        | MANAGERIAL EFFECTIVENESS                   | 5                | 09/02/2013    | DR. T. PRASAD                       | 1         | 6       | 7                    | 7                     |
| 6       | MB010_13        | COMPETITIVE STRATEGY                       | 3                | 09/02/2013    | DR. S.S.BHATTACHARYYA               | 1         | 2       | 3                    | 3                     |
| 7       | MB011_13        | MANAGERIAL SKILLS DEVELOPMENT PROGRAMME    | 5                | 10/07/2013    | DR. T. PRASAD/<br>DR. NEERAJ PANDEY | 3         | 4       | 7                    | 7                     |
| 8       | MB013_13        | ENHANCING PERSONAL EFFECTIVENESS           | 3                | 12/16/2013    | PROF. H.V. BHASIN                   | 9         | 6       | 15                   | 15                    |
| 9       | MB015_13        | MANAGERIAL SKILLS FOR TECH. PERSONNEL      | 5                | 12/02/2013    | DR. D.K.SRIVASTAVA                  | 6         | 8       | 14                   | 14                    |
| 10      | MB019_13        | EFFECTIVE COMMUNICATIONS                   | 3                | 11/25/2013    | DR. S.K. NAIR/<br>DR. NIKHIL MEHTA  | 7         | 7       | 10                   | 10                    |



| Sr. No. | Course Code No. | Course Title  | Duration (weeks) | Starting date | Course Leader(s)                       | Pub. Sec. | Pvt Sec | Total No.of Partts. | Total Partts. (weeks) |
|---------|-----------------|---|------------------|---------------|--|-----------|---------|---------------------|-----------------------|
| 11      | MB023_13        | STRATEGIC THINKING FOR MANAGERS                             | 5                | 12/16/2013    | DR.(MS) MANI MADALA                    |           | 1       | 7                   | 8                     |
| 12      | MB026_13        | MANAGERIAL DECISION MAKING                                  | 3                | 01/20/2014    | DR.(MRS) VIJAYA GUPTA                  |           | 7       | 2                   | 9                     |
| 13      | MB028_13        | MANAGERIAL SKILLS FOR TECH. PERSONNEL                       | 5                | 02/03/2014    | DR. T. PRASAD                          | 4         | 8       | 12                  | 12                    |
| 14      | MB033_13        | DATA ANALYSIS & DECISION MAKING                             | 3                | 02/17/2014    | PROF.(MRS)R.D.CHIKHALKAR               |           | 3       | 4                   | 7                     |
| 15      | MB035_13        | MANAGERIAL DECISION MAKING                                  | 3                | 02/24/2014    | DR.(MRS)VIJAYA GUPTA                   |           | 18      | 7                   | 25                    |
| 16      | MB038_13        | ERGONOMICS AUDIT-A HSE TOOL FOR ENHANCEMENT OF PRODUCTIVITY | 3                | 08/26/2013    | DR. RAUF IQBAL                         | 4         | 5       | 9                   | 9                     |
| 17      | MB042_13        | RISK ANALYSIS & DISASTER MANAGEMENT                         | 3                | 12/02/2013    | PROF.(MRS) SEEMA U./<br>DR. RAUF IQBAL |           | 8       | 4                   | 12                    |
| 18      | MB045_13        | INDUSTRIAL WASTE MANAGEMENT                                 | 3                | 01/13/2014    | DR. SHANKAR MURTHY                     |           | 3       | 0                   | 3                     |
| 19      | MB053_13        | EFFECTIVE WAREHOUSING                                       | 3                | 06/17/2013    | PROF. A.D. RAOOT                       | 5         | 1       | 6                   | 6                     |
| 20      | MB055_13        | PROJECT MANAGEMENT  | 3                | 07/22/2013    | PROF. A.K. PUNDIR                      | 12        | 4       | 16                  | 16                    |
| 21      | MB056_13        | MANAGERIAL DECISION MAKING FOR TECHNICAL PERSONNEL          | 3                | 07/29/2013    | DR. L. GANAPATHY                       | 22        | 0       | 22                  | 22                    |
| 22      | MB058_13        | LOGISTICS & DISTRIBUTION MANAGEMENT                         | 3                | 08/05/2013    | DR. H.B. HIREMATH                      | 2         | 12      | 14                  | 14                    |
| 23      | MB059_13        | PROJECT MANAGEMENT  | 3                | 09/02/2013    | DR. L. GANAPATHY                       | 7         | 1       | 8                   | 8                     |
| 24      | MB060_13        | PROJECT MANAGEMENT  | 3                | 09/16/2013    | PROF. V.B.KHANAPURI                    |           | 10      | 2                   | 12                    |
| 25      | MB063_13        | PLANT LEVEL ENERGY CONSERVATION PRACTICES                   | 5                | 09/23/2013    | PROF. P.K. BISWAS                      | 1         | 7       | 8                   | 8                     |
| 26      | MB065_13        | WORLD CLASS MAINTENANCE                                     | 3                | 11/11/2013    | PROF. V.B.KHANAPURI                    | 8         | 6       | 14                  | 14                    |
| 27      | MB067_13        | MANUFACTURING MANAGEMENT                                    | 3                | 11/18/2013    | DR. SACHIN KAMBL                       | 12        | 0       | 12                  | 12                    |
| 28      | MB068_13        | MANUFACTURING COMPETITIVENESS                               | 3                | 12/16/2013    | DR. MILIND AKARTE                      | 3         |         | 5                   | 5                     |
| 29      | MB069_13        | COST MANAGEMENT THROUGH INDUSTRIAL ENGINEERING              | 3                | 12/16/2013    | DR. KVSS NARAYANA RAO                  |           | 7       | 4                   | 11                    |
| 30      | MB070_13        | INVENTORY MANAGEMENT  | 3                | 01/20/2014    | DR. SANJAY SHARMA                      | 8         | 3       | 11                  | 11                    |
| 31      | MB074_13        | PROJECT MANAGEMENT  | 3                | 02/03/2014    | PROF. A.K.PUNDIR                       | 1         | 8       | 9                   | 9                     |
| 32      | MB076_13        | INVENTORY MANAGEMENT  | 3                | 02/10/2014    | DR. SANJAY SHARMA                      | 12        | 4       | 16                  | 16                    |

|   |   |     |
|---|---|-----|
| no. of courses conducted                | : | 32  |
| no. of courses postponed                | : | 0   |
| no. of courses cancelled                | : | 44  |
| no. of participants from public sector  | : | 231 |
| no. of participants from private sector | : | 142 |
| no. of total participants               | : | 373 |
| no. of participant weeks                | : | 373 |

## UNIT BASED PROGRAMMES

Unit based Programmes (UBPs) are designed to suit the requirements of the individual organisations. These programmes provide an opportunity to gain first hand knowledge which help the client organisation in improving its productivity, efficiency, performance, etc. These programmes also help in generating new ideas, concepts, methods and techniques that are appropriate for an organisation.

Unit Based Programmes are undertaken to increase the Enterprise's effectiveness through the objectives viz, to diagnose and assess the training needs in different functional areas and design

training programmes to inculcate the latest concepts and techniques in the relevant field of management, to identify areas for improved productivity and enable the executives and employees to apply the knowledge gained to real-life problems in their organisations and to create an awareness of the value of training and bring about a change in the attitude of the employees for achieving organisational goals.

During the year under review, NITIE conducted 38 UBPs. A total no. of 859 participants attended the programmes. Details are given further.

### UNIT BASED PROGRAMMES CONDUCTED DURING 04/01/2013 TO 03/31/2014

| Sr. No. | Course Code No. | Course Title   | Duration (days) | Starting date | Course Leader(s)                                | Total No. of Partts. |
|---------|-----------------|--|-----------------|---------------|---|----------------------|
| 1       | UB001_13        | INDL.SAFETY & RISK MGMT.<br>(M.S.POWER GEN.CO.LTD.URAN)        | 1               | 04/17/2013    | PROF.(MRS.) SEEMA U./<br>DR. RAUF IQBAL         | 24                   |
| 2       | UB002_13        | STRATEGIC MARKETING<br>(HPCL, MUMBAI)                          | 3               | 04/25/2013    | DR. S.M. DHUME/<br>DR. NEERAJ PANDEY            | 14                   |
| 3       | UB003_13        | ERGONOMICS (MARUTI SUZUKI<br>INDIA LTD., GURGAON)              | 3               | 04/25/2013    | DR.A. DE/DR. R. IQBAL/<br>DR.S.MUKHOPADHYAY     | 25                   |
| 4       | UB004_13        | MANAGERIAL & LEADERSHIP DEV.<br>SKILLS(S.P.M.C.I.L.,HYDERABAD) | 5½              | 05/06/2013    | DR.(MS) MANI MADALA/<br>PROF.(MRS.) SUMI JHA    | 29                   |
| 5       | UB005_13        | PROJECT MANAGEMENT (HPCL, MUMBAI)                              | 3               | 05/27/2013    | PROF. V.B.KHANAPURI                             | 20                   |
| 6       | UB006_13        | STRATEGIC MARKETING<br>(HPCL, MUMBAI)                          | 3               | 06/10/2013    | DR. S.M.DHUME/<br>DR. NEERAJ PANDEY             | 22                   |
| 7       | UB007_13        | STRATEGIC MARKETING<br>(HPCL, MUMBAI)                          | 3               | 07/08/2013    | DR. S. M. DHUME/<br>DR. NEERAJ PANDEY           | 24                   |
| 8       | UB008_13        | PROJECT MANAGEMENT(LINDE ENGG<br>INDIA PVT. LTD., VADODARA)    | 6               | 07/15/2013    | PROF. V.B.KHANAPURI/<br>DR. SACHIN KAMBLE       | 25                   |
| 9       | UB009_13        | STRATEGIC MARKETING<br>(HPCL, MUMBAI)                          | 3               | 07/29/2013    | DR. S. M. DHUME/<br>DR. NEERAJ PANDEY           | 21                   |
| 10      | UB010_13        | RISK ANALYSIS, EMERGENCY PRE-<br>PAREDNESS & BBS(HPCL,MUMBAI)  | 3               | 08/19/2013    | PROF.(MRS.)SEEMA U<br>PROF.(MRS.)NSN/DR.R.IQBAL | 24                   |

| Sr. No. | Course Code No. | Course Title   | Duration (days) | Starting date | Course Leader(s)                              | Total No. of Partts. |
|---------|-----------------|--|-----------------|---------------|---|----------------------|
| 11      | UB011_13        | VALUE ENGINEERING(VVF INDIA LTD., MUMBAI)                    | 2               | 09/03/2013    | PROF. H.V. BHASIN                             | 18                   |
| 12      | UB012_13        | MANAGERIAL SKILLS (B.E.L., BANGALORE)                        | 6               | 09/23/2013    | DR. S.K. NAIR                                 | 19                   |
| 13      | UB013_13        | PROJECT MANAGEMENT (H.P.C.L., MUMBAI)                        | 3               | 09/23/2013    | PROF. V.B. KHANAPURI                          | 26                   |
| 14      | UB014_13        | COST REENGINEERING<br>(MAHINDRA & MAHINDRA LTD.,MUMBAI)      | 3               | 09/24/2013    | PROF. H.B. BHASIN                             | 20                   |
| 15      | UB015_13        | M.S.T.P. (G.S.F.C., GUJARAT)                                 | 2               | 09/26/2013    | DR. D.K.SRIVASTAVA/<br>PROF.(MRS) SUMI JHA    | 19                   |
| 16      | UB016_13        | MANAGERIAL SKILLS (B.E.L., BANGALORE)                        | 6               | 10/07/2013    | DR. D.K. SRIVASTAVA                           | 20                   |
| 17      | UB017_13        | M.S.T.P., (N.B.C.C., MUMBAI)                                 | 2               | 10/28/2013    | DR. D.K.SRIVASTAVA/<br>PROF.(MRS) SUMI JHA    | 26                   |
| 18      | UB018_13        | STRATEGIC MARKETING<br>(H.P.C.L., MUMBAI)                    | 3               | 11/11/2013    | DR. D.K.SRIVASTAVA/<br>PROF.(MS) SUMI JHA     | 18                   |
| 19      | UB019_13        | STRATEGIC THINKING FOR MANAGER<br>(OIL INDIA, DULIAJAN)      | 2               | 11/12/2013    | DR.(MS) MANI MADALA/<br>DR. K. RAMAKRISHNA    | 15                   |
| 20      | UB020_13        | SIX SIGMA & LEAN CONCEPTS FOR BE<br>(INDIA GOVT.MINT.MUMBAI) | 2               | 11/13/2013    | DR. K. MADDULETY                              | 16                   |
| 21      | UB021_13        | INDUSTRIAL ENGINEERING<br>(B.E.L.)                           | 30              | 11/18/2013    | DR. KVSS NARAYANA RAO/<br>PROF. H.V. BHASIN   | 25                   |
| 22      | UB022_13        | RISK ANALYSIS EMERGENCY P&BBS<br>(H.P.C.L., MUMBAI)          | 3               | 11/25/2013    | PROF.(MRS) SEEMA U.<br>DR. RAUF IQBAL         | 24                   |
| 23      | UB023_13        | MANAGERIAL SKILLS (B.E.L., BANGALORE)                        | 6               | 11/25/2013    | DR. T. PRASAD                                 | 23                   |
| 24      | UB024_13        | MANAGERIAL SKILLS (B.E.L., BANGALORE)                        | 6               | 12/02/2013    | DR.(MS) MANI MADALA                           | 24                   |
| 25      | UB025_13        | PROJECT MANAGEMENT (HPCL, MUMBAI)                            | 3               | 12/04/2013    | PROF. V.B.KHANAPURI                           | 30                   |
| 26      | UB026_13        | MANAGERIAL SKILLS (B.E.L., BANGALORE)                        | 6               | 12/09/2013    | DR. NIKHIL MEHTA                              | 16                   |
| 27      | UB027_13        | M.S.T.P. (N.B.C.C.)  | 2               | 12/12/2013    | DR. D.K.SRIVASTAVA                            | 20                   |
| 28      | UB028_13        | M.S.T.P., (N.B.C.C.LTD.)                                     | 2               | 01/16/2014    | DR. (MS) MANI MADALA/<br>PROF. (MRS) SUMI JHA | 18                   |
| 29      | UB029_13        | STRATEGIC MARKETING<br>(H.P.C.L., MUMBAI)                    | 3               | 01/20/2014    | DR. S.M. DHUME/<br>DR. NEERAJ PANDEY          | 24                   |
| 30      | UB030_13        | M.S.T.P. (N.B.C.C.LTD.)                                      | 2               | 01/23/2014    | DR. (MS) MANI MADALA/<br>PROF. (MRS) SUMI JHA | 21                   |
| 31      | UB031_13        | RISK ANALYSIS & HAZOP STUDY<br>(I.O.C.L., MUMBAI)            | 3               | 01/27/2014    | PROF.(MRS)S.UNNIKRISHNAN/<br>DR. RAUF IQBAL   | 33                   |

| Sr. No. | Course Code No. | Course Title   | Duration (days) | Starting date | Course Leader(s)                             | Total No. of Partts. |
|---------|-----------------|--|-----------------|---------------|--|----------------------|
| 32      | UB032_13        | HAZARD IDENTIFICATION TECH. RA&RM&DM (IOCL,PIPELINE DIV)   | 3               | 02/03/2014    | PROF. (MRS.) SEEMA U.<br>DR. RAUF IQBAL      | 28                   |
| 33      | UB033_13        | RISK ANALYSIS, E.P.&B.B.S. (H.P.C.L., MUMBAI)              | 3               | 02/10/2014    | PROF.(MRS)S.UNNIKRISHNAN/<br>DR. RAUF IQBAL  | 20                   |
| 34      | UB034_13        | RISK ANALYSIS, QRA & DM (B.P.C.L., MUMBAI)                 | 3               | 02/17/2014    | PROF.(MRS)S.UNNIKRISHNAN/<br>DR. RAUF IQBAL  | 29                   |
| 35      | UB035_13        | MIDDLE LEVEL MGMT. MODULE FOR TECH.OFFICERS (DRDO,N.DELHI) | 5               | 02/17/2014    | PROF. V.B.KHANAPURI/<br>PROF. VIVEK KHANZODE | 33                   |
| 36      | UB036_13        | STRATEGIC MARKETING (H.P.C.L., MUMBAI)                     | 3               | 02/24/2014    | DR. S.M. DHUME                               | 15                   |
| 37      | UB037_13        | RISK ANALYSIS, HAZOP STUDY & DMP & BBS (BPCL)              | 3               | 03/03/2014    | PROF.(MRS)S.UNNIKRISHNAN/<br>DR. RAUF IQBAL  | 26                   |
| 38      | UB038_13        | RISK ANALYSIS, HAZOP STUDY, DMP (IOCL, MUMBAI)             | 3               | 03/11/2014    | PROF.(MRS)S.UNNIKRISHNAN/<br>DR. RAUF IQBAL  | 25                   |

no. of courses conducted : 38  
no. of courses postponed : 0  
no. of courses cancelled : 0  
no. of total participants : 859  
no. of participant days : 153½

### CONSULTANCY SERVICES

NITIE consultancy services provide the needed expertise and impart the needed thrust to the organization, the benefits of a multi-disciplinary team with divergent background, and brings to bear on the assignments all the experience gained in varried areas over diverse organizations

Consultancy assignments are undertaken by NITIE to provide services to industry by sharing

the expertise and competence of experienced NITIE faculty members to diagnose and solve industrial problems objectively in select areas of industrial engineering and management, and to develop case studies/course material, which can be used with permission from hostorganization for dissemination of knowledge to executives / students

#### CONSULTANCY ASSIGNMENTS IN PROGRESS ( January to March 2014)

| Sl. No. | Name of the Organization  | Area   |
|---------|---|--|
| 1       | Hindalco Industries Ltd., Karnataka                             | Manpower Assessment for capacity expansion project         |
| 2       | JMDC, Kolkatta  | 1) TQM<br>2) Energy Mgmt.<br>3) Waste Mgmt.4) Maint. Mgmt. |
| 3       | KSB Pumps Limited, Coimbatore                                   | Industrial Engineering Study                               |
| 4       | Electrical Research & Development Association, Vadodara         | Industrial Engineering                                     |
| 5       | Privi Organics Ltd., Navi Mumbai                                | Industrial Engineering Study                               |
| 6       | Bajaj Sons Limited  | Industrial Engineering Study                               |
| 7       | Biological E. Limited, Hyderabad                                | Manpower Assessment Study                                  |
| 8       | Maharashtra State Power Generation Co. Ltd. (MAHAGENCO), Mumbai | Industrial Engineering Study for Manpower Planning         |
| 9       | Zee News Limited, Noida   | Manpower Assessment Study                                  |
| 10      | Diligent Media Corporation Ltd., DNA, Mumbai                    | Productivity Improvement Study                             |

**CONSULTANCY ASSIGNMENTS IN PROGRESS (January to March 2014)**

| <b>Sl. No.</b> | <b>Name of the Organization</b>                     | <b>Area</b>                                |
|----------------|---|--|
| 11             | Adani Gas Limited, Ahmedabad                        | Manpower Assessment Study                  |
| 12             | Bennett Coleman & Co. Ltd. (Times of India), Mumbai | Supply Chain Audit for Circulation Process |
| 13             | Kasturi & Sons Limited, Chennai                     | Manpower Optimization Study                |
| 14             | Larsen & Toubro Limited, Bangalore                  | Manpower Assessment Utilization            |
| 15             | JSW Jaigarh Port Limited, Ratnagiri                 | Productivity Study                         |
| 16             | Larsen & Toubro Limited, Mumbai                     | Method Study                               |

**COMPLETED CONSULTANCY ASSIGNMENTS (January to March 2014)**

| <b>Sl. No.</b> | <b>Name of the Organization</b>         | <b>Area</b>    |
|----------------|---|----------------|
| 1              | Transformers & Electricals Ltd., Kerala | Manpower Study |

## FELLOW PROGRAMME

Last five decades, NITIE has been at the forefront of encouraging productivity in all aspects of the Industry, by creating exemplary engineering managers who can take up key positions in the top management and perform par excellence. This has been possible due to availability of high quality of intellectual capital and use of appropriate academic process in the institute.

Fellow (Doctoral) program at NITIE offers curriculum that provides opportunities to Fellows to acquire skills to conduct high quality research and create new knowledge to enhance productivity in the organizations. The program is structured to engage scholar with cutting edge research interests by providing viable utilitarian solutions foreseeing the complex problems that society may face in future. The progress of Fellows is as bellow.

| <b>Fellow Annual Report (01.04.2013 to 31.03.2014)</b> |                          |              |   |
|--|--------------------------|--------------|---|
| <b>Sr. No.</b>   | <b>Name</b>              | <b>Batch</b> | <b>Seminar</b>  |
| 1.   | S Diana                  | 2005         | Pre-Synopsis (Dt. 14.8.2013)  |
| 2.   | Indira Singh             | 2006         | Progress Seminar (Dt. 3.01.2014)  |
| 3.   | Pabitra Kumar Jena       | 2007         | Pre-Synopsis (Dt. 30.09.2013)   |
| 4.   | Richa Gautam             | 2007         | Pre Synopsis (Dt. 25.02.2014)   |
| 5.   | Vanita Bhoola            | 2007         | Pre Synopsis (Dt. 19.03.2014)   |
| 6.   | Dhone Neelkanth C        | 2008         | Pre – Registration (Dt. 8.10.2013)  |
| 7.   | Durgesh Pattanayak       | 2008         | 3 <sup>rd</sup> Credit Seminar (Dt.9.04.2013)<br>Pre Synopsis (Dt. 22.11.2013)  |
| 8.   | Jagtap M D               | 2008         | 3 <sup>rd</sup> Credit seminar (Dt. 12.02.2014)   |
| 9.   | Radhakrishna Swaminathan | 2008         | Thesis (Dt. 15.11.2013)   |
| 10.  | Sibananda Senapati       | 2008         | Pre Synopsis (Dt. 8.11.2013)  |
| 11.  | Sumana Chaudhuri         | 2008         | Synopsis (Dt. 19.06.2013)   |
| 12.  | Swagat Kishore Mishra    | 2008         | Literature Review Seminar (Dt. 29.05.2013)<br>Pre – Registration Seminar (Dt. 25.07.2013)<br>3 <sup>rd</sup> Credit Seminar (Dt. 8.10.2013) |
| 13.  | Wricha Mishra            | 2008         | Pre – Synopsis ( Dt. 24.10.2013)  |
| 14.  | Rahmath Safeena          | 2008         | Pre - Registration ( Dt. 29.07.2013)  |

| Sr. No. | Name                   | Batch | Seminar   |
|---------|------------------------|-------|---|
| 15.     | Verma Bhupendra Kumar  | 2009  | 2 <sup>nd</sup> Credit Seminar (Dt.15.10.2013)<br>3 <sup>rd</sup> Credit Seminar (Dt. 03.03.2014)<br>Pre-Synopsis ( Dt. 28.03.2014) |
| 16.     | Dulange Satish R       | 2009  | 2 <sup>nd</sup> Credit Seminar (Dt. 01.11.2013)<br>3 <sup>rd</sup> Progress Seminar (Dt.30.01.2014)                                 |
| 17.     | Phulpagar Santoshkumar | 2009  | 2 <sup>nd</sup> Progress Seminar (Dt.11.03.2014)  |
| 18.     | Rajiv Ranjan Sinha     | 2009  | 3 <sup>rd</sup> Credit Seminar (Dt. 13.6.2013)<br>Pre – Synopsis (Dt. 19.12.2013)   |
| 19.     | Avadhut A Patwardhan   | 2010  | 2 <sup>nd</sup> Credit Seminar (Dt. 28.02.2014)   |
| 20.     | Barun Kumar Thakur     | 2010  | Progress Seminar (Dt. 16.01.2014)   |
| 21.     | Shradha A Gawankar     | 2010  | 3 <sup>rd</sup> Credit Seminar (Dt. 17.07.2013)   |
| 22.     | Prashant Kumar         | 2010  | 3 <sup>rd</sup> Credit seminar (Dt. .07.2013)<br>Pre Synopsis (Dt. 11.10.2013)  |
| 23.     | Shreya Maulik          | 2010  | 2 <sup>nd</sup> Credit seminar (Dt. 30.09.2013)   |
| 24.     | Vikrant V. Patil       | 2010  | 1 <sup>st</sup> Progress Seminar (Dt.07.08.2013)  |
| 25.     | Pradeep Kumar K        | 2010  | 1 <sup>st</sup> Progress Seminar (Dt.11.09.2013)  |
| 26.     | Varimna Singh          | 2010  | 2 <sup>nd</sup> Progress seminar (Dt.24.02.2014)  |
| 27.     | Rashmi Shahu           | 2010  | Pre Synopsis (Dt. 10.07.2013)   |
| 28.     | Selvan Simon           | 2011  | Pre – Registration Seminar<br>(Dt. 31.07.2013)  |
| 29.     | Joshi Sarang           | 2011  | Pre – Registration Seminar<br>(Dt. 24.07.2013)  |
| 30.     | Nagtode Sanjay V       | 2011  | Literature Review Seminar<br>(Dt. 01.11.2013)   |
| 31.     | Niraj Kumar Dubey      | 2011  | Literature Review Seminar<br>(Dt. 27.01.2014)   |
| 32.     | Balasabeb S G          | 2011  | Pre – Registration Seminar<br>(Dt. 24.05.2013)<br>1 <sup>st</sup> Progress Seminar (Dt. 7.03.2014)                                  |
| 33.     | Binita Shah            | 2011  | Pre – Registration Seminar<br>(Dt. 15.10.2013)  |



| Sr. No. | Name                  | Batch | Seminar   |
|---------|-----------------------|-------|---|
| 34.     | Chitra Gounder        | 2011  | Pre – Registration Seminar<br>(Dt. 26.06.2013)  |
| 35.     | Hemlata Gangwar       | 2011  | 1 <sup>st</sup> Progress Seminar (Dt. 24.6.2013)<br>2 <sup>nd</sup> Progress Seminar (Dt.17.10.2013)<br>3 <sup>rd</sup> Progress Seminar (Dt. 31.01.2014) |
| 36.     | Prachi Patel          | 2011  | Pre – Registration Seminar<br>(Dt. 26.02.2014)  |
| 37.     | Rajesh M. Holmukhe    | 2011  | Pre – Registration Seminar<br>(26.06.2013)  |
| 38.     | Rashmi Vaishya        | 2011  | Literature Review Seminar<br>(Dt. 14.10.2013)<br>Pre – Registration Seminar<br>(Dt. 14.03.2014)   |
| 39.     | Ruchi Mishra          | 2011  | 1 <sup>st</sup> Progress Seminar (Dt. 1.11.2013)<br>2 <sup>nd</sup> Progress Seminar (Dt. 30.01.2014)   |
| 40.     | Sanjeeb Kumar Das     | 2011  | Pre – Registration Seminar<br>(Dt. 08.11.2013)  |
| 41.     | Sarika Jain           | 2011  | 1 <sup>st</sup> Credit Seminar (Dt. 22.11.2013)<br>2 <sup>nd</sup> Credit Seminar (19.03.2014)  |
| 42.     | Santosh Kumar         | 2011  | Pre-Registration Seminar<br>(Dt. 26.6.2013)<br>1 <sup>st</sup> Credit Seminar (Dt. 26.02.2014)  |
| 43.     | Sangeeta Verma        | 2011  | Literature Review Seminar<br>(Dt. 09.04.2013)<br>Pre-Registration Seminar<br>(Dt. 26.03.2014)   |
| 44.     | Shridhar M. Samant    | 2011  | Pre – Registration Seminar<br>(Dt. 01.11.2013)  |
| 45.     | Vishal Singh Patyal   | 2011  | 1 <sup>st</sup> Credit Seminar (Dt. 17.10.2013)<br>2 <sup>nd</sup> Progress Seminar (Dt. 06.03.2014)  |
| 46.     | Paramasivan S V       | 2011  | Pre – Registration Seminar<br>(Dt. 14.02.2014)  |
| 47.     | Girish N.             | 2011  | Pre – Registration Seminar<br>(Dt. 30.01.2014)  |
| 48.     | Muragesh Pattanshetti | 2011  | Pre – Registration Seminar<br>(Dt. 30.01.2014)  |

| Sr. No. | Name                | Batch | Seminar  |
|---------|---------------------|-------|--|
| 49.     | Ram Komal Prasad    | 2011  | 1 <sup>st</sup> Progress Seminar (Dt. 14.08.2013)<br>2 <sup>nd</sup> Progress Seminar (Dt. 28.01.2014) |
| 50.     | Tanvi Aggrawal      | 2011  | 2 <sup>nd</sup> Credit Seminar (Dt. 31.07.2013)<br>3 <sup>rd</sup> Credit Seminar (Dt. 25.02.2014)     |
| 51.     | M. Somayya          | 2012  | Literature Review Seminar<br>(Dt. 14.08.2013)<br>Pre – Registration Seminar<br>(Dt. 09.12.2013)        |
| 52.     | Pooja Garg          | 2012  | Literature Review Seminar<br>( Dt. 12.04.2013)   |
| 53.     | Potdar Aditee Ashok | 2012  | Literature Review Seminar<br>(Dt. 25.9.2013)   |
| 54.     | Rajesh Ranjan       | 2012  | Literature Review Seminar<br>(Dt. 7.8.2013)  |
| 55.     | Singh Vinita        | 2012  | Literature Review Seminar<br>(Dt. 13.1.2014)   |
| 56.     | Sonal Daulatkar     | 2012  | Pre – Registration Seminar<br>(Dt. 09.12.2013)   |
| 57.     | Singh Anupama K     | 2012  | Literature Review Seminar<br>(Dt. 21.08.2013)<br>Pre – Registration Seminar<br>(Dt. 5.12.2013)         |
| 58.     | T. Ramesh Babu      | 2012  | Literature Review Seminar<br>(Dt. 14.06.2013)<br>Pre – Registration Seminar<br>(Dt. 03.10.2013)        |
| 59.     | Tripathi Siddharth  | 2012  | Literature Review Seminar<br>(Dt. 4.3.2014)  |
| 60.     | Nimisha Bhargava    | 2012  | Literature Review Seminar<br>(Dt. 17.10.2013)<br>Pre – Registration Seminar<br>(Dt. 13.2.2014)         |
| 61.     | Bhawsar Pragya      | 2012  | Literature Review Seminar<br>(Dt. 08.08.2013)<br>Pre – Registration Seminar<br>(Dt. 11.3.2014)         |
| 62.     | Guha T. Arundhati   | 2012  | Literature Review Seminar &<br>Pre – Registration (Dt. 4.2.2014)                                       |

| Sr. No. | Name                   | Batch | Seminar  |
|---------|------------------------|-------|--|
| 63.     | Hadvale B.J.           | 2012  | Literature Review Seminar<br>(Dt. 21.8.2013)<br>Pre-Registration Seminar<br>(Dt. 19.03.2014)   |
| 64.     | Jha Chandan Kumar      | 2012  | Literature Review Seminar<br>(Dt. 29.10.2013)<br>Pre – Registration Seminar<br>(Dt. 13.1.2014) |
| 65.     | Pratima Dabholkar      | 2012  | Literature Review Seminar<br>(Dt. 15.04.2013)<br>Pre – Registration Seminar<br>(Dt. 28.1.2014) |
| 66.     | Tamboli Mujib A        | 2012  | Literature Review Seminar<br>(Dt. 19.09.2013)<br>Pre-Registration Seminar<br>(Dt. 27.03.2014)  |
| 67.     | Gandhi M. Asif I       | 2012  | Literature Review Seminar<br>(Dt. 13.9.2013)   |
| 68.     | Keskar Mugdha Yogesh   | 2012  | Literature Review Seminar<br>(Dt. 27.1.2014)   |
| 69.     | Arun Sharma            | 2013  | Course work Completed  |
| 70.     | Bhavin Shah            | 2013  | Course work Completed  |
| 71.     | Vinod durge            | 2013  | Course work Completed  |
| 72.     | Kharat Vilas Janardan  | 2013  | Course work Completed  |
| 73.     | Brajesh Bolia          | 2013  | Course work Completed  |
| 74.     | Deva Dutta             | 2013  | Course work Completed  |
| 75.     | Sushma Priyadarsini Y  | 2013  | Course work Completed  |
| 76.     | Chitra Pandey          | 2013  | Course work Completed  |
| 77.     | Avinash Tripathi       | 2013  | Course work Completed  |
| 78.     | Amol Vasant Bhide      | 2013  | Course work Completed  |
| 79.     | Gaganpreet Singh       | 2013  | Literature Review Seminar<br>(Dt. 20.03.2014)<br>Course work Completed                         |
| 80.     | Surabhi Verma          | 2013  | Course work Completed  |
| 81.     | Suvechcha Sengupta     | 2013  | Course work Completed  |
| 82.     | Rose Antony            | 2013  | Course work Completed  |
| 83.     | Pragati Priyadarshinee | 2013  | Course work Completed  |

|                                       |
|---------------------------------------|
| <b>RESEARCH PROGRAMMES / PROJECTS</b> |
|---------------------------------------|

**(DETAILS OF ON-GOING RESEARCH PROGRAMMES/ PROJECTS)**

| Sr. No. | Title & Scope of the R&D Project  | Name of the Project Leader                 | Year      | Submission Date | Sanctioned Amt. | Spent       | BOR Approval Date | Remark             |
|---------|---|--|-----------|-----------------|-----------------|-------------|-------------------|--------------------|
| 1.      | Micro-Finance   | Prof. G.Srinivasan                         | 2013-2014 | 30.09.2013      | Rs.60,000/-     | Rs.73,312/- | 20.09.2012        |                    |
| 2.      | To explicate the emergent facets of strategy & Leadership in the context of the emerging economy of India | Prof. Sumi Jha & Prof. S.S. Bhattacharya   | 2013-2014 | 12.12.2013      | Rs.2,00,000/-   |             | 17.01.2014        |                    |
| 3.      | Value chain analysis of onion crop from farm to market traditional trade & modern trade in Maharashtra    | Prof. R. Chaudhuri                         | 2013-2014 | 05.12.2013      | Rs.1,00,000/-   | Rs.30,000/- | 17.01.2014        |                    |
| 4.      | Developing of one Computerized Energy Audit Model for Plant Level Energy Audit                            | Prof. P.K. Biswas                          | 2013-2014 | 11.12.2013      | Rs.90,000/-     |             | 17.01.2014        |                    |
| 5.      | Attributes and Associations in Building Service Brands  | Prof. B.M. Ghodeswar                       | 2013-2014 | 13.03.2013      | Rs.60,000/-     |             | 27.11.2012        |                    |
| 6.      | Emerging Role of Social Media in Social change  | Prof. Sanjeev Verma                        | 2013-2014 | 07.03.2013      | Rs.60,000/-     |             | 28.03.2013        |                    |
| 7.      | Organizational Initiatives to Promote Productivity and Quality of work life                               | Prof. KVSS Narayana Rao & Prof. S. K. Nair | 2013-2014 | 26.03.2013      | 28.03.2013      |             |                   | Proposal submitted |

| Sr. No. | Title & Scope of the R&D Project   | Name of the Project Leader | Year      | Submission Date | Sanctioned Amt. | Spent | BOR Approval Date | Remark             |
|---------|--|----------------------------|-----------|-----------------|-----------------|-------|-------------------|--------------------|
| 8.      | Pilot Survey for Understanding Household Waste Minimization Behaviour          | Prof. Shankar Murthy       | 2013-2014 | 28.01.2014      |                 |       |                   | Proposal submitted |
| 9.      | Bridging Academician – Practitioner Divide: Creating Evidence Based Management | Prof. Upasna Agarwal       | 2013-2014 | 31.01.2014      | Rs.1,00,000/-   |       |                   |                    |

| No. of Sponsored/Research Project   | Duration                  | Grant received from the AICTE/Ministry/DST                             | Spent Rs.         | Status  |
|---|---------------------------|--|-------------------|---------|
| Saraswati Project/DST/GOI<br>Prof. Anju Singh   | Since 2012<br>(Continued) | Rs.12,00,000.00  | Rs.5,10,252.00    | Ongoing |
| I.I.P.C.<br>Prof. V.B.Khanapuri   | Since 1998<br>(Continued) | AICTE<br>Min. of HRD/DST<br>Rs.16,00,000.00<br>Interest Rs.1,11,000.00 | Rs.5,80,772.75    | Ongoing |
| TIFACCORE<br>TIFAC Council & NITIE<br>Joint Project<br>Prof. Rauf Iqbal &<br>Prof. H.V.Bhasin | Since 2001<br>(Continued) | Rs.1,14,00,000.00<br>Interest Received<br>Rs.8,27,000.00               | Rs.1,17,85,872.95 | Ongoing |

**INDUSTRY INSTITUTE PARTNERSHIP CELL****Co-ordinator : Prof. V. B. Khanapuri**

The Industry Institute partnership cell project under AICTE (RD II), has been working in line with the objectives set for the cell at NITIE. The major activities taken up include conducting seminars/workshops for the members of Industry Associations, taking up the live problems/student projects in the MSMEs. Other activities include industry visits for the students, Organizing invited talks of entrepreneurs and conducting short duration workshops with help expert in the field for the benefit of the Post Graduate Students.

NITIE –IIPC faculty team visited Industry Associations at Kolhapur and Belgaum in addition to the visits to Thane Belapur Industry Association and Small Scale Entrepreneurs Association, Thane Belapur to understand the different challenges faced by the Small and medium scale enterprises.

NITIE-IIPC in association with POMS, USA organized a two day 'Practice Leaders forum' on 23<sup>rd</sup> and 24<sup>th</sup> Dec 2013 at NITIE which was well attended by practice leaders from both industry and academia. The focus was to develop entrepreneurial and collaborative activities amongst the participating organizations and experts from POMS & NITIE to help enhance the competitiveness of the companies in the manufacturing sector.

During the two days, 18 practice leaders representing Auto/auto component, Consumer durables, Heavy Engineering & Industrial Consumable Industry shared their perspectives and challenges of their industry. Towards the end of day one, two leaders from each industry participated in the round table discussion. The

round table was chaired by Prof. (Ms.) Karuna Jain, Director of NITIE and the Industry experts consisting of – Shri. Kamal Sehgal from Sterlite; Shri. Raghavendra D. from Behr; Shri. Milind Kulkarni from Kulkarni Industries; Shri. Vijay Shirke from Mahindra and Mahindra; Shri. Paranjpaye from KSB Pumps; Shri. Prafulla Nilousey from ex-L&T; Shri. Pramod Mahimkar from Godrej & Boyce along with NITIE faculty participated in the round table discussions.

The two day event had deliberations on 'Applied and Collaborative research - Opportunities and challenges' shared by the distinguished professors and POMS executive members Prof Sushil Gupta, Prof Jeet Gupta and Prof Nagesh Murthy

The event was well attended by 50+ delegates (other than NITIE) and the event ended with visit to Pradeep Metals and Mahananda Dairy.

In addition to Industry related activities, NITIE – IIPC takes up socially relevant outreach projects, which are conceived and carried out by the students in collaboration with NGO's under the guidance of Prof V B Khanapuri. All such projects are showcased in the competition organized by ENACTUS. ENACTUS-NITIE team of students is currently pursuing two projects viz., Project Sankalp and Project Prayatna.

**PROJECT SANKALP :**

To fulfill the needs of communication & connectivity in the fast changing environment, Enactus-NITIE team initiated Project Sankalp. The people in Jhabua district of MP on an average were spending

Rs. 250-300 per family, per month, to only recharge the battery of their cell phone. Initially the team started with solar mobile charger to meet the needs of people which was subsequently converted to low cost solar mobile charger with lantern. The market identified was in Nasik district and Neral in Mumbai district where the villages have no electricity for considerable time in a day. The project is in progress and currently in its third phase of implementation at Neral. Enactus – NITIE team is working on establishing assembly unit for the product thereby empowering physically disabled and women in rural parts of Maharashtra.

The Enactus-NITIE team has received a grant of \$1000 from Johnson Control India (JCI) for project Sankalp in the year 2013-14.

**PROJECT PRAYATNA:**

The project PRAYATNA empowers, employs and trains needy women of the community by providing the support to enhance their skills and thus improve their quality of life.

- The Enactus – NITIE team have identified unprivileged ladies in a village near Vikhroli, who wished to work from home and wanted to take up stitching as part time job and support the family through this earning.
- The team in collaboration with an NGO identified the first team of 7 women and created opportunities for them. These women are presently making the bags and the market is provided to them by Enactus-NITIE student team. The core idea is to help them in providing market for the handmade Cloth bag (for carrying vegetables, ladies bag).

The efforts in future will be directed towards expanding the target segment along with inclusion of new product like file folder, mobile cover and notepad cover etc, to be made of clothes and target all those areas where currently the use of plastic is very high. The Enactus – NITIE team will focus on the formation of Self Help Group (SHG's) with the help of NGO who will coordinate with the market to safeguard the mutual interest of the customer and the seller.

## NITIE CENTRE FOR STUDENT ENTERPRISE (NCSE)

**Dr T Prasad, Associate Professor and Faculty Adviser NCSE**

NITIE Center for Student Enterprises (NCSE) is launched with the support of Department of Science and Technology, NSTEDB, GOI during the 2007. NCSE is unique in its purpose where it works to promote entrepreneurship among the regular college going students in the country.



*Prof. Karuna Jain, Director NITIE  
Inaugurating Maha Mandi program on 12 Oct 2013*

NCSE over the last ten years developed / experimented and operationalised most innovative pedagogies which lead the students to enterprising as part of curricular studies. NCSE project is an attempt to bring in the Gandhian philosophy of Education viz., Self-Sufficiency, Holistic development, and Respect for work in to Learning process. At present the center is self reliantly working without the funding from DST – GOI.

### Centers achievements :

Student Enterprises launched during 2014 : NCSE actively encourages its alumni to launch enterprises as they being the students on the campus. The theme of this initiative is, Launch -

lead – and learn through real world experience of business. During the year NITIE Students have started their own enterprises as listed below:

#### **NITIE Student Enterprises that are launched during the year 2013 – 2014 :**

Lal10.com, Ashtavinayak Classes, Gyanpal.com, Ops Innova, Midnight Mosaic, Igetsponsor.com, Dreamline logistics, Hires some talent, ihitna.com, Primo infotech, TDX, Buddyart.com, Geogestic Techniques, Martnation.com, Adysmart.com, Interioscapes.com, IE Solutions, Confused Intern, PG Special

### **NCSE turns out EMPLOYERS !**

Due to the efforts of NCSE every year some of the NITIE passing out students opt out of PLACEMENT and launch their own enterprises.

For the year 2013 – 2014 TWO students have opted out of placement and became EMPLOMENT GIVERS and NOT EMPLOYMENT SEEKERS.

- Gaurav Marda
- Ambuj gautam

### **Maha Mandi 2014**

NCSE conducted Maha Mandi program on 12 Oct 2013, for 700 + MBA students where students chant the Gandhian mantra of ' learning by doing and earning '. The program was unveiled by our beloved NITIE Director Ms. Prof. Karuna Jain. The



corporate leaders viz., Dr Rakesh Sinha COO Godrej and Mr Sumeet Doshi, Kronos inspired the students for business learning. Prof. Ashok Pundir Dean Academics delivered opening address. Mumbai Media cheered NITIE for spearheading one of its kind indigenous learning method for higher education learning.

**Entrepreneurship Development Elective :**

NCSE has initiated a new elective course viz., Entrepreneurship Development for NITIE students. During the year 36 students opted for entrepreneurship elective. Part of these elective students have undertaken IMMERSION exercise where they are made to experience real world feel of entrepreneurship.

**Entrepreneurship Awareness Camps (EAC) –**

During the year NCSE has conducted several EACs. Select EACS are given below

SCOPE College of Business Management, Bhopal, MP

Fr. C Roddrige College of Engineering, Bandra

Vidyalankar Institute of Management Studies and Research Wadala

Sahayadri College of Engg. and Management, Mangalore

Dr. Prasad, The faculty adviser to NCSE is holding the advisory board membership of Entrepreneurship and Innovation Development Centers at the following institutions.

- Atherva College of Engineering, Malad, . Mumbai
- Fr. C Roddrige College of Engineering, Bandra Mumbai

NCSE has conducted NITIE Alumni Entrepreneurs Meet with a panel discussion titled 'Entrepreneurship Opportunities for NITIE Students

## CENTRE FOR ENVIRONMENTAL STUDIES (CES)

### Co-ordinators :

**Prof. (Ms.) N. S. Naik, Prof. (Ms.) S. Unnikrishnan, Prof. (Ms.) A. Singh**

Research work is in progress in several areas:

**1. Conservation of Mangroves - Role of mangroves in preventing disasters like tsunamis, cyclones and floods:-**

The research study focused on procurement of satellite data (images), preprocessing of these images includes Geo referencing, removal of no data pixel, procurement of metrological data, metrological parameter data, conversion of DN value to exo-atmospheric radiance, conversion of exo-atmospheric radiance to top of atmospheric reflectance, input for 6S radiative transfer code, output of 6S radiative transfer code, conversion of top off atmospheric reflectance to surface reflectance, removal of adjacency effect and generation of geo processing model for the above described step and creation of geo processing model for calculation of NDVI – bio mass-carbon.

The study also includes formulating of rules for biomass estimation, biomass estimation using RST and GIS technique, comparison of biomass estimation methods, biomass estimation of Sanjay Gandhi National Park. The study will lead to development of an effective management plan for mangroves and forest.

**2. Management of urban lakes and urban watersheds:-**

Research work involved change detection in water quality parameters and calculation of water quality index of Vihar Lake. Hydrological data collection from MERI Nasik, generation of different maps of Kalu watershed (Maharashtra) for generation of curve number, formulation of long term simulation, model development, validation of Hydrological model

on the basis of SCS-CN method, Land use and land cover analysis, change detection in further area around Powai, Vihar and Tulsi.

**3. Innovations in ecosystems management:-**

Secondary data collection of rural and urban ecosystem management projects was done. Visit to Envirovigil NGO for Bio Medical waste management project was done. Questionnaire design is in progress.

**4. Indicators for Sustainability Reporting – a comparative study of sustainability indicators:-**

Study examines the determinants of managerial cognitions on adoption of biodiversity conservation strategies by businesses. The study empirically formulates an Organizational Biodiversity Capability model for Indian businesses. Questionnaire survey was carried out. Two qualitative studies were conducted one prior to the empirical study and the other subsequently. The former captured the business and biodiversity reporting in 101 international companies and the latter evaluated the results of the quantitative study by administering the biodiversity capability framework in corporate settings and drawing two case studies.

**5. ISO 14001 as an Internal Environmental Performance Improvement Tool:-**

One day workshop on “Benefits of Environmental Management System (EMS)” was held on August 14, 2013 at NITIE

**6. Clean Development Mechanism (CDM):-**

Contribution of 3 sectors Metal & Mining sector, Fugitive solid, oil & gas and production &

consumption of halocarbons & sulphur hexafluoride and Small scale Bundled projects towards CDM was carried out. Visit to Nitric Acid Manufacturing Plant of Deepak Fertilization and Petrochemicals Pvt Ltd and Bundled Small Hydro Electric Project at Wai, Satara.

7. **Life Cycle Assessment (LCA):-** Data collection on construction and operation of Sewage Treatment Plants in Mumbai with different treatment technologies. Selected and described wastewater treatment technologies for the study and carried out life cycle assessment using Gabi 4 software. GaBi 4 software upgraded to GaBi 6.
8. **Eco Mark Scheme of India:-** Comparative assessment of eco labels in different countries was carried out. Questionnaire was developed and survey was administered to retailers and traders of eco friendly products and data was analyzed.
9. **Innovations in sustainable business development:-** Questionnaire was developed and administered to TOP 100 industries based on NSE and BSE. The data was interpreted and analyzed.
10. **Waste Management Studies:-** Research paper/ abstract titled "Innovative Practices in Solid Waste Management with CDM in India" was accepted in 29<sup>th</sup> International Conference on Solid Waste Technology and Management 2014.
11. **Noise & Hearing Measurement :-** Noise & Hearing Measurement equipment in the Industrial Environment Laboratory was used for the PGDISEM students to have 'Hands on' experience for the course on 'Industrial Noise Management' and for conducting research.

12. **Comparative assessment of environmental policies in India and other countries and Climate change and its impact on India:-** A pilot survey on 'Implications of environmental regulations on businesses which focuses on perceivness of environmental issues like climate change by business' as a part of Pre-Registration seminar was undertaken. Questionnaire redesigning is in progress.

**Details of 8 students doing summer internship with CES**

| Name of the student | Topic  |
|---------------------|--|
| Devika Surendran    | Estimation of Above ground Carbon Stock of Sanjay Gandhi National Park (SGNP) Using Remote Sensing & GIS Technique |
| Sneha Magham        | Best Management Practices for Urban Lakes Using Geographical Information System                                    |
| Supriya Edke        | Innovation in Ecosystem Management   |
| Trushant Gajre      | Small Scale Bundled Projects in Clean Development Mechanism  |
| Khushboo Jain       | Study on Sustainable Business Practices around the Nation  |
| Shweta Loke         | Innovations in sustainable Product management  |
| Priyanka Dharne     | Green Chemistry  |
| Yogita Chakravarthy | Eco-Labeling Scheme in India and its Comparison with Other Countries   |

11. The CES team attended several international and national conference/workshop/seminars in the past year (2013-2014) including International Consortium of Students in Management Research (Indian Institute of Science, Bangalore), International Congress of Environmental Research – 13 (JERAD), International Conference on Eco Friendly Technology for Sustainable Growth (Anjuman-I-Islam's, M. H. Saboo Siddik Institute,) and Water and its Sustainability in Mining and Other Environment: Vision 2050 (Department of Civil Engineering Indian School of Mines).
  12. The CES team has published 1 paper online, 5 papers are accepted for publication in international journals, 6 papers and 6 posters were presented in conference and published in proceedings and 3 papers have been accepted for international conference.
2. Memorandum of understanding (MOU) between Jawaharlal Nehru Port Trust (JNPT), Mumbai and National Institute of Industrial Engineering (NITIE), Mumbai has been submitted to JNPT on 15th February 2014 and is in progress.
  3. Proposal on Expression of Interest for the study in population assessment of cetaceans and to formulate a long term monitoring protocol for reporting of cetaceans along the coast of Sindhudurg district: submitted on November 2013, Conservator of Forests, Mangrove Cell.
  4. Proposal on Guideline for support to Environmental Research - Soil pollution mapping under MOEF for 3 yrs has been submitted on 30th October 2013.
  5. Proposal on Centre of Excellence – Frontier areas of Science and Technology (FAST) under MHRD for 3 yrs has been submitted on 30th September 2013.

**Proposals submitted**

1. Proposal on Indo- Hungarian S&T Cooperation under DST for 2 yrs has been dispatched to DST on 31st January 2014.

**Industrial Visits**

Visited Nitric Acid Manufacturing Plant of Deepak Fertilization and Petrochemicals Pvt Ltd. on December 2013, Hydro Electric Project at DHOM (Balakawadi - Wai) on January 2014, Irrigation

department Konkan Bhavan, CBD Belapur, Navi Mumbai on January 2014, Organic garden shop at Powai, Hiranandani Irrigation department, Kalwa on February 2014 and Biomedical waste plant, Kalwa on February 2014.



*Papers and posters presented at ICER 13, Aurangabad*



*Visited Biomedical waste plant, Kalwa, Nitric Acid Manufacturing Plant of Deepak Fertilizer and Petrochemicals Pvt Ltd*



*Hydro Electric Project at DHOM, Satara*



*Organic shop at Powai, Hiranandani*



*Water sample from Powai lake*

## NITIE CENTRE FOR COMMUNICATION STUDIES

### Co-ordinator Prof. N K Mehta

Following activities were conducted during FY 2013-2014 under the auspice of NITIE Centre for Communication Studies.

NITIE Toast Masters Club (Registration No. 2798803 under Toastmasters International, CA, U.S.A, aligned to Area D1, under Division D, District 41 in Mumbai)

- With previous elected toastmasters club, ten sessions were conducted. New elected toastmasters' club team has taken charge from 07/11/2014. Sixteen sessions for presentation critique on various themes were conducted.

Following Toastmasters visited NITIE Toastmasters Club to present feedback to the member students of Toastmasters Club:

- Dr. Reetu Arora - District Lieutenant Governor, Education & Training (LGET) , Area C-1 District 41 Toastmasters International
- Arvind Nair- District Governor, Toastmasters, Mumbai
- Hitendra Bhadang - Area Governor, Toastmasters and Assistant Manager-Supply Chain Analytics at General Mills, Mumbai
- Brilliant, S.K., DTM, Lieutenant Governor Marketing 2013-2014, District 41

#### Foreign Language Classes

- NITIE Centre for Communication Studies initiated two foreign language weekend courses in French and Spanish for 30 hours and 35 hours respectively. Ms. Vidya Arvind, Faculty,

Alliance Française De Bombay completed the Basic level French classes (35 hours).

#### Sampreshan

- NITIE Centre for Communication Studies (NCCS) organized internationally recognized two-day experiential workshop on the core concepts of Transactional Analysis (TA-101) at NITIE. Ms. Susan George, Provisional Teaching Supervising Transactional Analyst (Psychotherapy), Vice President-Development, International Transactional Analysis Association (ITAA) conducted the workshop. 12 students and 02 faculty members participated in the workshop and were given certificate of internationally recognized certificate for TA-101 from ITAA.
- Presentation Critique exercise was done for PGDIM and PGDIE students.

#### Research

- Paper "Communication Challenges and Managing Expectations in Indian Supply Chain and Logistics Networks: A View from Middle Management" authored by Nikhil K. Mehta has been published for publication in Journal of Supply Chain Management Systems, 3(1), 24-39.
- Paper "Revisiting Emotional Intelligence: From the realms of Ancient Indian Wisdom" authored by Nikhil K. Mehta has been accepted for publication in International Journal of Indian Culture and Business Management (IJICBM).

**KNOWLEDGE MANAGEMENT CENTRE  
FOR EXCELLENCE PROJECT**

**Co-ordinator : Prof. (Mrs.) H. Date**

“Knowledge Management is the deliberate and systematic coordination of People, Processes, Technology and Knowledge Resource enabled by organizations to attain a sustainable competitive advantage”.

The process of coordination is achieved through the convergence of people (i.e. Knowledge worker) with a series of process (i.e. Knowledge Work) enabled by technology infrastructure on Knowledge Resources. In short, the overriding purpose of knowledge management in an organization be listed is as follows,

- To ascertain that they have sufficient and appropriate knowledge to fuel their operations.
- To gain insight and understanding from its own experience, adds to firm intelligence, and protect intellectual capital from decay.
- To achieve quick learning, improve decision making, increase innovation and maximize Intellectual Capital of the organization.

- To carry out continuous improvement in the organization to meet business dynamics.

**Objective**

Carry out research in the following area of Knowledge Management

- Knowledge acquisition, refinement & integration of Tacit Knowledge, Explicate knowledge & Knowledge related to business drivers, dynamics & risk
- Design of knowledge based Expert Systems, Knowledge repository, Decision support system
- Developing Knowledge Management Models for different verticals like Health care industries, Government projects & Infrastructure project industry



|  |
|--|
| <b>BUDGET FOR KNOWLEDGE MANAGEMENT<br/>CENTRE FOR EXCELLENCE PROJECT</b> |
|--|

**BUDGET FOR NON-RECURRING EXPENDITURE**

| Description   | Unit | Cost/unit   | Total Amount<br>( In Lakhs)<br>(1 <sup>st</sup> Year) |
|---|------|-------------|---|
| <b>Information Technology Infrastructure</b>                      |      |             |   |
| <b>A. Computer Hardware</b>                                       |      |             |   |
| Server Workstation  | 1    | 2.00        | 2.00  |
| Desktop   | 4    | 0.45        | 1.80  |
| Laptop  | 1    | 0.50        | 0.50  |
| I-pad   | 1    | 0.35        | 0.35  |
| Pen Drives  | 2    | 0.03        | 0.06  |
| LCD Projector   | 1    | 0.48        | 0.48  |
| Extension Box   | 2    | 0.005       | 0.01  |
| Hard disk   | 1    | 0.06        | 0.06  |
| Video Conferencing e-learning technology and equipment (full set) | 1    | 5.00        | 5.00  |
| <b>Total</b>  |      | <b>8.87</b> | <b>10.26</b>  |

| Description  | Unit          | Cost/unit    | Total Amount<br>( In Lakhs)<br>(1 <sup>st</sup> Year) |
|--|---------------|--------------|---|
| <b>B. Software</b>   |               |              |   |
| Business Object(Enterprises Professional, Web Intelligence, Voyager) SAP | 1             | 7.50         | 7.50  |
| Anti Virus- MacAfee  | 4             | 0.04         | 0.16  |
| Microsoft Share point - 2010   | 1             | 2.05         | 2.05  |
| IBM Cognos series 10   | 1             | 1.50         | 1.50  |
| IBM Collaborative Solution   | 1             | 2.50         | 2.50  |
| Microsoft Business Intelligence  | 1             | 3.00         | 3.00  |
| Microsoft Analysis services (OLAP)                                       | 1             | 3.00         | 3.00  |
| Datapine – Dashboard software  | 1             | 1.50         | 1.50  |
| Xpert Rule   | 1             | 1.00         | 1.00  |
| Exsys INC- Knowledge Automation  |               | 2.00         | 2.00  |
| Expert system Technology   |               |              |   |
| <b>total</b>   |               | <b>24.09</b> | <b>24.21</b>  |
| <b>C. Space Requirement</b>  |               |              |   |
| Lab space  | 4800<br>SQ FT | 110          | 110   |
| <b>Total</b>   |               | <b>110</b>   | <b>110</b>  |

| Description   | Unit        | Cost/unit   | Total Amount<br>( In Lakhs)<br>(1 <sup>st</sup> Year) |
|---|-------------|-------------|---|
| <b>D. Furniture</b>   |             |             |   |
| Table for discussion room                                     | 1           | 0.30        | 0.30  |
| Chairs For discussion table                                   | 4           | 0.08        | 0.32  |
| Book Cabinet  | 1           | 0.20        | 0.20  |
| Carpentry Work for four Office Workstations and miscellaneous | 4           | 1.25        | 5.00  |
| <b>total</b>  | <b>1.83</b> | <b>5.82</b> |   |
| <b>E. Equipments</b>  |             |             |   |
| AC  | 2           | 0.40        | 0.80  |
| Scanner   | 1           | 0.12        | 0.12  |
| UPS   | 1           | 0.05        | 0.10  |
| Ceiling Fans  | 2           | 0.03        | 0.06  |
| Fridge  | 1           | 0.25        | 0.25  |
| Lights (Tube+ Bulbs)  | 4           | 0.02        | 0.08  |
| Networked laser printers                                      | 1           | 0.50        | 0.50  |
| Switch Boards + Wiring  | 1           | 0.10        | 0.10  |
| <b>Total</b>  |             | <b>1.47</b> | <b>2.01</b>   |
| <b>F. Accessories:</b>  |             |             |   |
| Notice Board  | 1           | 0.05        | 0.05  |
| White Board   | 1           | 0.03        | 0.03  |
| <b>Total</b>  |             | <b>0.08</b> | <b>0.08</b>   |
| <b>*Total of Non Recurring = 152.38 Lakhs</b>                 |             |             |   |

**BUDGET FOR RECURRING EXPENDITURE****G. Centre Staff**

| Sr No.  | Designation          | Number | Remuneration<br>(per month) | 1st Year    | 2nd Year     | Total Amount<br>(in Lakhs) |
|---|----------------------|--------|-----------------------------|-------------|--------------|----------------------------|
| 1.  | Post Doctoral Fellow | 1      | 17000                       | 2.4         | 2.4          | 4.8                        |
| 2.  | Research Associate   | 2      | Rs. 25000+ HRA              | 3.99        | 3.99         | 7.98                       |
| 3.  | System Administrator | 1      | Rs. 22000+ HRA              | 3.51        | 3.51         | 7.02                       |
| 4.  | Office Assistant     | 1      | Rs. 20000+ HRA              | 3.19        | 3.19         | 6.38                       |
|   |                      |        | <b>Grand total</b>          | <b>13.9</b> | <b>13.92</b> | <b>6.18</b>                |
| <b>*Note- Annual package including HRA which is 33%</b> |                      |        |                             |             |              |                            |

**H. Consumables**

| Sr. No. | Items  | 1st Year    | 2nd Year    | Total Amount<br>(in Lakhs) |
|---------|--|-------------|-------------|----------------------------|
| 1.      | Stationary (Papers, Pens, Markers, Eraser, etc.) | 0.50        | 0.50        | 1.00                       |
| 2.      | Cartridge  | 0.25        | 0.25        | 0.50                       |
| 3.      | Storage Devices                                  | 0.25        | 0.25        | 0.50                       |
| 4.      | Housekeeping material                            | 0.05        | 0.05        | 0.10                       |
|         | <b>Grand total</b>                               | <b>1.05</b> | <b>1.05</b> | <b>2.10</b>                |

**I. Contingencies**

| Sr No. |  | 2014-15     | 2015-16     | Total Amount<br>(in Lakhs) |
|--------|--|-------------|-------------|----------------------------|
| 1.     | Websites Designing Hosting & Upgradation | 1.20        | 0.20        | 1.40                       |
| 2.     | Hardware & Software AMC                  | -           | 0.30        | 0.30                       |
| 3.     | Anti-virus Solution & Upgradation        | 0.25        | 0.20        | 0.45                       |
| 4.     | Books, Journal and Encyclopaedia         | 2.00        | 2.00        | 4.00                       |
|        | <b>Grand total</b>                       | <b>3.45</b> | <b>2.70</b> | <b>6.15</b>                |

**J. EVENTS**

| Sr No. | Events             | 2014-15      | 2015-16      | Total Amount<br>(in Lakhs) |
|--------|--------------------|--------------|--------------|----------------------------|
| 1.     | Training Programs  | 5.00         | 6.00         | 11.00                      |
| 2.     | Workshops          | 2.00         | 3.00         | 5.00                       |
| 3.     | Seminars           | 5.00         | 4.00         | 9.00                       |
| 4.     | Conference         | 5.00         | 4.00         | 9.00                       |
|        | <b>Grand total</b> | <b>17.00</b> | <b>17.00</b> | <b>34.00</b>               |

**K. Travel**

| Sr No. | Purpose                           | 2014-15     | 2015-16     | Total Amount<br>(in Lakhs) |
|--------|-----------------------------------|-------------|-------------|----------------------------|
| 1.     | Promotions                        | 1.50        | 1.50        | 3.00                       |
| 2.     | Data Collection                   | 1.00        | 1.00        | 2.00                       |
| 3.     | Misslenious                       | .25         | .35         | .65                        |
|        | <b>Grand Total</b>                | <b>2.75</b> | <b>2.85</b> | <b>5.65</b>                |
|        | <b>Total of Recurring = 74.08</b> |             |             |                            |

**SARASWATI (EU-DST PROJECT)****Co-ordinator : Prof. (Mrs.) A. Singh**

A research project entitled 'Supporting consolidation, replication and up-scaling of sustainable wastewater treatment and reuse technologies for India', SARASWATI, sponsored by Department of Science and Technology (DST) as a part of European Union (EU) DST under the framework of Indian European Union Science & Technology Cooperation Agreement was sanctioned

in January, 2013. It is a part of an overall project with 7 Indian and 7 European partners. The project is for a duration of 3 years with budget outlay of Rs.46,32,000/-. All deliverables of the project have been met to date and 5 publications are accepted. Work towards setting up the sludge composting pilot plant is in progress.



*SARASWATI Internal Review Meeting held at NITIE  
on 17<sup>th</sup> & 18<sup>th</sup> August 2013*



*Site selected for pilot study Closed vessel composting unit  
Location: Nirvana Park, Hiranandani, Powai, Mumbai*

Publications:

- Sheetal Kamble, Indrayani Nimkar, Vikrant V. Patil, Bhagyashree Sawant, Anju Singh, Seema Unnikrishnan, Neelima S. Naik, 2012, Assessing The Performance Of Sewage Treatment Plants In India For Reuse, presented at National Conference for Water Quality Management, Jaipur India.
- M. Starkl, A. Kazmi, L. Cary, L. Essl, A. Singh, I. Nimkar, Up-scaling of decentralized wastewater management solutions: lessons learned and way forward in India, presented at The 5th IWA ASPIRE Conference 8th-12th September and Exhibition 2013, Daejeon Korea.
- Anju Singh, Absar Kazmi, Markus Starkl, Indrayani Nimkar, Vikrant Patil, Itee Bawa, 2013, Performance of Sewage Treatment Plants: a case study of Delhi, Accepted as a book chapter to be published by International Water Association (IWA).
- Anju Singh, Absar Kazmi, Markus Starkl, Indrayani Nimkar, Vikrant Patil, Itee Bawa, Prasad Khale 2013, Status of Sewage Treatment Plants: a case study of Mumbai City, Accepted as a book chapter to be published by International Water Association (IWA).
- Sheetal Kamble Anju Singh, Itee Bawa , Prasad Khale, 2014: Use of Life Cycle Assessment (LCA) for Selecting, Designing and Operating Wastewater Treatment Plants, POMS 2014, Atlanta, USA.

**AMCE LABORATORY****Advanced Manufacturing Center of Excellence****Co-ordinator : Prof. M. Akarte**

The Department of Science & Technology (DST), Ministry of Science & Technology, Government of India sanctioned a project on Advanced Manufacturing Center of Excellence under Fund for Improvement of Science & Technology Infrastructure (FIST) program.

The Advanced Manufacturing Center of Excellence lab at NITIE has various modern equipment and facilities that include CNC Lathe, CNC Milling

machine, conveyor system, Automated Storage and Retrieval System, Automated Guided Vehicle, Robots, Inspection System, Assembly System, Rapid Prototyping Machine and Witness simulation software for business modeling and analysis.

This lab can provide a good exposure and knowledge on advanced manufacturing to post graduate students of the Institute.



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**AUDIO VISUAL LABORATORY AND SECTION**

A V Section caters to the needs of Faculty, PGP Students & participants of MDP/UBP programs by providing necessary audio visual aids. The section has good collection of educational videos in the areas of IE, PM, Finance, Marketing & OB.

The section provides A V facilities for Lakshya, Sansmaran, Prerana, Envision, Litmus, Media summit, Hindi Pakhwada, Farewell Functions, Independence day & Republic day celebrations, Placement activities, PGP GD/PI, Extra Mural Lectures, Guest Lectures, B-Gyan, Seminars & Conferences & also as Physical Facilities to other organizations, etc. The screening of Training videos is also carried out for UBP/MDP/PGP courses.

**Audio Visual Lab**

An Audio Visual Lab was used extensively for video recording exercises for developing Presentation skills & Interview Techniques of PGDIE, PGDIM, PGDISEM & PGDITM students & also MDP/UBP participants of various courses.

During the year 2013-2014, the video recording of the events Golden Jubilee Inauguration & Cultural Program, Lakshya, Prerana, Sansmaran, Envision and XIX Convocation, Round Table on Innovations, Golden Jubilee Guest Lectures, etc. was done in-house. Edited DVDs of Golden Jubilee Inauguration & Cultural Program, Lakshya, Sansmaran, Prerana and XIX Convocations were produced in-house. Video clips of XIX Convocation & Sansmaran were uploaded on youtube.com.

A V Lab has an ambitious plan of developing Educational Video Programs on various areas of IE, IM & allied areas.

**ENVIRONMENTAL ENGINEERING LABORATORY****Co-ordinator : Prof. (Mrs.) N. S. Naik**

The Environmental Engineering lab at NITIE is equipped with state of the art Instruments like the UV spectrophotometer, Total Organic Carbon Analyzer [TOC] and the Gas Chromatograph [GC]. These instruments have been used during the year 2013 – 2014 to teach the students of the post graduate Programme in Industrial Safety and Environmental Management for subjects like Air quality Management.

The environmental engineering lab has also been used to train the participants of the Management development Programmes in Environmental Management held at NITIE. The research activities of the centre of environmental sciences and the saraswathi research project is being carried out with the help of this lab. The fellow students in environmental management area are also using the lab for their research purpose.

## PHYSICAL ERGONOMICS LABORATORY

### ACTIVITIES OF PHYSICAL ERGONOMICS LABORATORY

#### SERVICE PROVIDER

Facility developed TIFAC CORE centre and Physical Ergonomics Laboratory was extended to the residents of NITIE for health and Fitness Programme on payment basis.

#### RESEARCH ACTIVITIES

1. Thesis entitled "A study on playing related musculoskeletal disorders of Indian table players" by the NITIE fellow student Ms. Wricha Mishra Under the guidance of Prof. Amitabha De and Prof. Rauf Iqbal.
2. "A study on work related musculoskeletal disorders of medical laboratory technicians" by Ms. Shreya Maulik under the guidance of Prof. Rauf Iqbal
3. "A study on Human Kinetics of Indian adults with reference to age and its effect on performance" by Ms. Arundhai Guha Thakurta under the guidance of Prof. Rauf Iqbal and Prof. H.V. Bhasin
4. "A study on pre-employment growth spectrum of Indian population" by Ms. Prachi Patel under the guidance of Prof. Rauf Iqbal and Prof. H.V. Bhasin
5. "Determining Maximum Acceptable Load for Manual Material Handlers" by Shri Girish N under the guidance of Prof. Rauf Iqbal and Prof. Vivek Khanzode
6. "Gait analysis of different walking patterns

of Indian adults" Coordinator: Prof. Rauf Iqbal.

#### Journal Publications

1. Maulik S., Iqbal, R., De, A., Chandra, A.M. 2014. Evaluation of the working posture and prevalence of musculoskeletal symptoms among medical laboratory technicians. Journal of Back and Musculoskeletal Rehabilitation, Mar 10 pg. Pub Med ID24614833
2. Phadke Shweta, Sandhu Hasmeet, Iqbal R and YardiSujata. Prevalence of Obesity in Navi Mumbai Traffic Police and Associated Change in Lumbar Curvature angle. Journal of International Academic Research for Multidisciplinary, 2014
3. Maulik, S., Iqbal R, De A. Musculoskeletal Problems among Medical Laboratory Technicians. Journal of Occupational Health (under review).

#### Conference Publications

1. Rauf Iqbal and Amitabha De. Study of the gait pattern with the use of prosthesis on amputated limbs in trans-tibial amputees, ERGO 2013, Ergonomics for rural development, HWWE 2013, Vidyasagar University, Midnapore, West Bengal, Dec 1-4, 2013.
2. Maulik, S., Iqbal, R., De, A. "A Study on Assessment of Hand Grip Strength in Medical Laboratory Technicians" International Conference on Ergonomics and Human Factors. ERGO 2013: Ergonomics for Rural

- Development” (HWWE 2013), Vidyasagar University, Midnapore, West Bengal, December 4–6, 2013.
3. GuhaThakurta A, Iqbal R, De A. The Influence of Load Carrying Modes On Gait variables of Healthy Indian Women.2013 International conference on ergonomics and human factors, ERGO 2013, Ergonomics for rural development, HWWE 2013, Vidyasagar University, Midnapore, West Bengal, Dec 1-4, 2013.
  4. Maulik, S., Rauf Iqbal, Amitabha De, H.V. Bhasin. “Study on working posture and musculoskeletal issues of Indian medical laboratory technicians.” National Conference on Bio-Mechanical Science, S'O'A University Bhubaneswar, India. March 07-08, 2014.
  5. Guha Thakurta A, Iqbal R, Bhasin HV. Relationship of human gait speed with selected anthropometric variables among Indian adults. National conference on Bio-Mechanical Science, S'O'A Univerasity, Bhubneshwar, India, March 7-8, 2014.
  6. Rauf Iqbal, Hiren Shah, Amitabha De and SumanMukhopadhyay.Symbolic indicators and user perception performance in Indian industries and public places. 1<sup>st</sup> Asian Conference on Ergonomics and Design, Jeju, South Korea, May 21-24, 2014
  7. Guha Thakurta A, Iqbal R, Bhasin HV. Charateristics of Gait Variability amongHealthy Indian Adults during Different Load Carrying Modes. 2014. 3rd International Conference of the South-east Asia Network of Ergonomics Societies (SEANES 2014),Singapore, Dec 1-4. (Abstract accepted).
  8. Maulik, S., Rauf Iqbal, Amitabha De. “Effect of Work Exposure on Static Muscular Strength in Medical Laboratory Technicians in comparison to Industrial Workers.” International Conference on Ergonomics and Human Factors. “User centered design and occupational wellbeing. (HWWE 2014). Indian Institute of Technology, Guwahati. December 3-5 (Abstract Accepted).
  9. Guha Thakurta A, Iqbal R, Bhasin HV. A study on the prevalence of musculo skeletal disorders among young and elderly construction workers in India. 2014. International conference on ergonomics and human factors.”User centred design and occupational wellbeing (HWWE 2014), Indian Institute of Technology (IIT), Guwahati, Dec 3-5. (Abstract accepted).

### Workshops

Conducted One day workshop on Industrial Safety and Human Factors on 10<sup>th</sup> March 2014 as part of NITIE Golden Jubilee celebration.

**COMPUTER CENTER**

The Institute is equipped with the State of Art Computer Hardware and Software to meet its varied requirement of teaching training research, consultancy and developments. More than 400 personal computers with a wide range of processor, hard disks, monitors, keyboards, mouse and printers are maintained and kept very high uptime to various users. The networking system supports Internet Web surfing and E-mail services. Post Graduate students of Industrial Engineering, Industrial Management, Industrial Safety and Environmental Management and Information Technology Management are being highly benefited in their assignments and projects handling. The latest versions of softwares like SPSS ver. 21.0, Stata, Statistic ver. 7 x and Systat Clementine Primavera have been made available for various users at the Institute alongwith the Microsoft University Alliance Programme and SAP University Alliance Programme.

The Institute has gone into an agreement with Microsoft for their Microsoft Campus 3 subscription enrollment where in all users at Institute will use licensed Microsoft products.

The Institute has also procured anti-virus software with online support for 3 years against spam, spyware etc. and protecting the entire network from virus attacks.

Faculty Members and Officers at various departments have been provided with 4GB/8GB Pen Drives and USB based external portable HDD of 500GB/1TB. All Faculty Members have been provided with Laptops also.

Various printers like LaserJet Printers and multifunction Printers have been procured and installed at Faculty Member rooms and departments for their printing needs.

The Institute has one IBM server along with licensed software 3-db2 8.2 and WAS 5.1 under IBM special scheme for Educations Institutions.

Wi-Fi connection has been provided in all the 5 Hostels so as to enable students to have the facility of internet in their rooms and around the Hostel.

The Institute has procured around 60 laptops with sufficient amount of RAM and Hard disk to support the various applications and assist Faculty Members in class rooms/conducting UBP Programmes etc.

The Institute has procured Cisco Switches with a view to improve the existing networking infrastructure and provide optimal usage of the internet services to various users. Currently the Institute is utilizing the services of M/s. Railtel Corporation (8 Mbps Radio frequency) and 155 Mbps from Power Grid Corporation of India for providing bandwidth to the Institute. The Institute is also equipped with a Firewall of M/s Checkpoint.

Institute has Video Conferencing Equipment (Polycom) along with 3 BRI lines from MTNL which will facilitate in the placement of students.

The Centre has assisted all the users, PGP students, Fellowship Scholars, Faculty Members and the supporting service departments in their development works. The center facilities uploading of various information like tender notice, results, MDP Programmes schedules etc. on to Institutes web site. The Programme Section, Academic Section, Accounts Section, Administration Section, Placement Section and Library have been largely benefited from the Center's support. Maintenance of all Computer Equipments, LCD Projectors, Operating Systems and Application Software, are primarily supported by Computer Centre.

## LIBRARY

NITIE Library has one of the richest collections of Technical Books, Journals, Online Journals and Electronic Databases in the field of Industrial Engineering, Industrial Management, Organizational Behavior, Financial Management, Economics, Operations Management, Training and Information Technology. It has an excellent collection of reference books in these subject areas. As the Institute has its own residential campus, library also caters to the information needs of family member's of officers, and staff.

The Library collection as on 31st March 2014:

- Technical books : 56084
- Technical Journals : 212
- Online - 66
- Print + Online - 64
- Print - 82
- Newspaper : 17
- Light Reading books : 7892
- Bound Journals : 11381
- Hindi books : 2699
- Marathi books : 759
- Complimentary + Free : 1302

### Consortium Member

NITIE is a core Member of INDEST consortium, an initiative of MHRD since its inception along with all the IIT's, IIM's and NIT's.

### Databases

NITIE subscribe the following online databases to cater to the needs of user community:

1. ABI / Inform Complete (Proquest)
2. IEL Online (IEEE Explorer)
3. Ebsco: Business Source Complete
4. Emerald Management Extra-175
5. Science direct –
  - i) Business Management & Accounting
  - ii) Decision Science
  - iii) Environment Science
6. CMIE Databases -
  - i) Prowess
  - ii) Economic Outlook
7. EPW Research Foundation
8. Indiastat.com
9. Euromonitor International
10. Frost & Sullivian
11. IMD (World Competitiveness)

Electronic Databases subscribed are put together under a single URL <http://www.search.ebscohost.com> (Ebsco Discovery Services).

### Campus wide access 24 X 7

The Library provides information 24 X 7 for the above resources on its campus wide network including Library catalogue WebOPAC (Web Online

Public Access Catalogue). The Library uses the LIBSYS software package for library management for all its modules namely Acquisition, Circulation, Catalogue, Reference Query etc.

**Library Services**

- Book lending
- Reference
- Photocopy
- Inter-library loan
- Overdue alert
- CD-Mirroring

- HBSs Case Studies
- Textbook procurement & distribution to PGP students

The Library offers Membership to the Institute's Corporate Clients and Industrial Consultants. The students from other Institute/Colleges are welcomed for the reference on weekly or daily membership.

Currently Library is managed by a team of 3 professionals, 6 semi professional and 2 administrative staff. They collectively handle the important library activities like Collection Development, Collection Maintenance, Circulation, Reference and Information Service.

## ESTATE DEVELOPMENT REPORT

### WORKS IN PROGRESS

- i. Structural repairs to Type IV(23-31)
- ii. Structural repairs to Type V (17-22)
- iii. Reconstruction of damaged compound wall opposite new gate side Tekdi Pada and filling holes in other fencing wall towards Vihar lake
- iv. Construction of compound wall and approach road at watchmen quarters
- v. Internal/external painting to PGP hostel no. 2 and dining hall interconnecting passage office area
- vi. Rewiring at Type-5 Transit building
- vii. External painting to Type II (33-44)
- viii. Repairs to toilets and painting of Hostel Rooms at PGP Hostel No.III- Room No.305, 312,313, 314, 315, 329, 330,331, 332, 333, 334, 335, 349, 351, 353, 364 & 365.
- ix. Structural repairs to dining hall of PGP hostel no. 3-4
- x. Repair and renovation of video production studio and environmental engineering lab at OCA building
- xi. Engineering Lab at OCA Bldg.
- xii. Renovation of toilets at Administrative building
- xiii. Renovation of toilets at Academic building
- xiv. Internal/external painting to hostel no. 3
- xv. Renovation of Deans offices
- xvi. Repairs to lab and toilets
- xvii. External painting to Type IV(8-15)
- xviii. External painting to Type IV (16-23)
- xix. External painting to Type V (11-16)
- xx. External painting to Type III (1-8)
- xxi. Providing flooring and internal painting to PGPM (1-16)
- xxii. Internal and external painting to Type-I (1-21), Type-II (1-16) and Type IV (1-7)

### WORKS COMPLETED

- i) Structural repairs to hostel no. 4 rooms and passages
- ii) External painting to hostel no. 5
- iii) Renovation of promenade
- iv) External painting to hostel no. 4
- v) External painting to OCA building
- vi) External painting to Academic building
- vii) Providing steps for pathway near Academic cum Library building
- viii) Providing pathway from backside of Syndicate room no. 1 to Academic cum Library building
- ix) Rewiring at Type-4 (24-31)



### Progress Report of Construction of Academic-cum-Library Building & Hostel Building

Construction of Academic cum Library Building

Architect : Architect Hafeez Contractor

Project Management Agency : CPWD

Contractor : M/s Nagarjuna Construction Co. Ltd.

Estimated amount put to tender :  
Rs. 24,87,71,850.00

Contract Value : Rs. 35,74,76,155.00

Modified Preliminary Estimate :Rs. 43.20 Cr  
submitted by C.P.W.D. (B.O.G.128<sup>th</sup> dt.5.12.2008)

Scheduled Date of Start : 27.05.2009

Scheduled Date of Completion : 26.12.2010

Revised Date of completion : 30.11.2011

Present status: Civil work has been completed as per the intimation received from CPWD. Institute has applied for occupation certificate. Interior work is taken up with CPWD. Tenders invited by CPWD.

### Construction of Multistoried Hostel Building

Architect : Shashi Prabhu and Associates

Project Management Agency : CPWD

Contractor : M/s Klassic Construction Co. Ltd.

Estimated amount put to tender :  
Rs. 18,37,99,597.00

Contract Value : Rs. 26,76,97,291.00

Modified Preliminary Estimate : Rs.40.50 Cr  
submitted by C.P.W.D. (B.O.G.128<sup>th</sup> dt.5.12.2008)

Scheduled Date of Start : 06.03.2010

Scheduled Date of Completion : 05.11.2011

Revised Date of completion : 30.04.2012

Present status : Received Part Occupation Certificate for Ground plus three floors. Process for Full Occupation Certificate already initiated.

### Encroachment of land at NITIE: Conducting Survey

Brief status report is as below:

- a. There is approximately an area of 6 acres of land which has been encroached on date. The exact nos. of hutments eligible for rehabilitation subject to other parameters are required to be verified through a survey.
- b. As per the prevailing rules and regulation framed by Maharashtra State Govt., NITIE has to contact the Collector (Encroachment/ Evacuation) for conducting the survey to identify the eligible/ineligible hutment dwellers and also to remove the encroachment from NITIE land. This course of action was directed by Secretary, Housing Department, Mumbai – 32 vide his letter dt.20.05.2005.
- c. As such NITIE vide its letter under Ref.1 Our letter dt. IE/2007/465/298 dt. 17.12.2007 requested Additional Collector (ENC) Eastern Suburbs, Mumbai to carry out the said survey. For this an NOC from Central Govt. has also been submitted to Addl. Collector (ENC), Eastern Suburbs, Mumbai.
- d. Additional Collector vide his letter under Ref.2 Letter received from Additional Collector Encroachment / Evacuation), Eastern Suburbs, Mumbai dated 15.2.2008 replied and informed us to carry out the said survey by NITIE and submit the survey-list with proofs to

his office and after that his office would obtain order from State Govt. and then his office would decide the eligibility/ineligibility of hutment dwellers.

e. On 22.2.2008 this matter was discussed with Shri Jagdale, Additional Collector (Encroachment/Evacuation), Eastern Suburbs, Mumbai. Although he accepted that it is a duty of his office to carry out the survey he showed his inability to carry out survey due to shortage of manpower. He suggested that survey may be carried out by Institute or by engaging private surveyor or NGO and also he gave some sample proforma and related Govt. G.R. copy.

(i) Considering above facts following options were available to carry out the survey:

(ii) To carry out the survey by Institute

(iii) To carry out the survey by engaging Private Agency or NGO

(iv) To insist the State Govt. to carry out the survey.

f. As this Institute has no expertise and sufficient manpower to carry out the survey so Option-(i) is not suitable. For option No. (ii) Institute has to incur the expenditure. So NITIE has taken a decision to opt option III as it is the best, most reliable and there will be no expenditure except a nominal fee as fixed by State Govt. After finalization of list Institute has to approach MHADA for Slum Rehabilitation Scheme.

g. As such NITIE requested Principal Secretary, Housing, Govt. of Maharashtra to carry out the survey to identify the eligible/ineligible hutment dwellers on the encroached land of NITIE vide letter No. IE/2008/G-65/154 dt. 09.05.2008.

But there is no response from them till date. Hence this matter was pursued with Government of Maharashtra.

h. With reference to above said letter Govt. of Maharashtra vide their letter No.Mis.2008/CR 178/Slum-2 dt.11.12.2008 informed to NITIE that Maharashtra Govt. is not empowered to conduct the survey of the encroached land other than the land belonging to State and Semi-Govt. and requested to carry out the survey of encroached land of NITIE including the list of hutment dwellers and map of the said area through NGO. If required Maharashtra Govt. will only help this Institute to ascertain the eligibility of hutment dwellers on the basis of NGO report. It has been also informed that after receipt of report from NGO appropriate action will be taken by Maharashtra Govt. Now NITIE has enquired vide letter No.EE/2009/82 dt.7.8.2009 the Maharashtra Govt. regarding whether the NITIE and encroachment/ unauthorized occupation is coming under Slum Rehabilitation Scheme or not. On confirmation of this NITIE will take this matter with MHRD and plan further course of action. In reply to this Maharashtra Govt. vide its letter No.SRA/ENG/Desk-1/G.R.V./006/5 dt.4.12.2009 has replied that as per prevailing policy, the S.R. proposal on the land owned by Central Govt. Autonomous Body/PSU is accepted after receipt of NOC from the concerned authority. Now this matter is being discussed with SRA Officials before applying for NOC for SRA Scheme to HRD Ministry.

i. Regarding Slum Rehabilitation Scheme implementation, information from MHADA has also been sought vide our letter No.EE/G-118-B/2010-11/30 dt.7.5.2010. Their reply is awaited.

- j. The above facts were considered in the 131st meeting of Board of Governors, NITIE held on 26.6.2010, and it was decided to take-up the matter with the Ministry of HRD so that the Govt. of India can suitably refer the matter to the Govt. of Maharashtra for early settlement of the issue. Now this matter is being taken up with Govt. of India for settlement of this issue. In this regard Ministry has been requested vide our letter No.EE/2010/G-118C/272 dt.28.10.2010 to take up this matter with Govt. of Maharashtra. Govt. of India is now being pursued vide our Letter No.EE/2011/351 dt.8.3.2011.
- k. A letter dated 08.11.2013 was sent to Deputy Secretary (TEL), appraising him of the land details and earlier correspondences. It was requested by the Institute to take up this matter with the Govt. of Maharashtra for suitable further necessary action for early settlement of the issue.
- l. Letters dated 08.11.2013 and 27.02.2014 were sent to Senior General Manager (Business Development), NBCC Limited requesting them whether NBCC could undertake implementation of SRA Scheme in case of land owned by Central Govt. Autonomous body. The reply is awaited.

#### **REPORT ON LAND MATTER AND ENCROACHMENT OF NITIE LAND.**

A letter dt.2.2.2013 was received from Sub-divisional Officer, Office of the Mumbai Suburban District mentioning charges for N.A. use of 250193.41sq.m. land including penalty amounting to Rs.57,44,438/- under Section-45 of Maharashtra Land Revenue Code, 1966. The matter was discussed with NITIE, Legal Adviser M/s. A.M. Nathani & Associates. A reply

dt.14.2.2013 was submitted to the Sub-divisional Officer, Office of the Mumbai Suburban district mentioning exemption for Educational Institutions from paying N.A. charges under Clause-4 of Section-117 as well as Clause-5 of the said section.

- a) Letter ref. no. ACS/22844/AEBF dated 9.11.2012 was received from Assistant Municipal Commissioner 'S' ward, BMC mentioning unauthorized construction being carried out on Aarrey land.
- b) Letter ref. no. ACS/22844/AEBF dated 30.01.2013 was received from A.E. (B & F) 'S' ward, BMC mentioning unauthorized construction being carried out on NITIE land. (Aarrey mentioned in earlier letter corrected as NITIE land).
- c) Letter ref. no. ACS/34294/AEBF dated 18.02.2013 received on 25.02.2013 from to "Assistant Municipal Commissioner 'S' ward, BMC" mentioning encroachment by local antisocial elements.
- d) The matter was brought to the notice of Legal Adviser NITIE, who prepared a draft reply to BMC.
- e) Note dated 20.02.2013 was put up for approval of the draft reply to BMC 'S' ward. The approval was received on 25.02.2013.
- f) Note dated 20.02.2013 was put up for approval of the draft reply to BMC 'S' ward. The approval was received on 25.02.2013.
- g) The reply dated 26.02.2013 was sent to "Assistant Municipal Commissioner 'S' ward, BMC", mentioning willingness of the institute for paying necessary demolition charges.

- h) Letter ref. no. ACS/37793/AEBF dated 14.03.2013 received on 20.03.2013 from A.E. (B & F) 'S' ward, BMC mentioning that 29 shanties were demolished on 06.03.2013 on the basis of letter dated 26.02.2013 received from NITIE. It is stated in the letter that the demolition charges of Rs. 11,349/- are required to be paid to BMC by the institute. It was further mentioned in the letter that since NITIE is the landlord of the said land, it should protect its land from any further encroachment/unauthorized construction work and BMC should not be held responsible for the same. Payment of Rs. 11,349/- vide Cheque no. 177724 dated 28.03.2013 was made accordingly.
- i) Reconstruction of demolished hutments was observed again. Note dated 28.3.2013 was put up for approaching BMC for demolition of these hutments. Accordingly, letter ref. no. EE/2013/564 dated 05.04.2013 was sent to "Assistant Commissioner 'S' ward, BMC" requesting demolition of the encroachments.
- j) Subsequently, letter ref. no. EE/2013/78 and EE/2013/79 dated 27.05.2013 were sent to Assistant Commissioner 'S' ward and Assistant Engineer (B & F) 'S' ward BMC.
- k) Assistant Engineer (B & F) 'S' ward BMC vide its letter ref. no. ACS/665/AEBF dated 24.6.2013 intimated the Institute that they have demolished the unauthorized construction on 20.6.2013 and requested for the payment of demolition charges amounting to Rs. 12,318/-.
- l) A letter ref. no. EE/2013/202 dated 18.09.2013 was sent to "Assistant Commissioner 'S' ward, BMC" for removal of encroachment on open land and construction activity carried out at Dayabhai Chawl. In response a letter dated 17.10.2013 was received from Sr. Inspector (Ench.) 'S' Ward, mentioned that they have taken encroachment removal action and have seized the goods.
- m) Some developments were observed relating to renovation and expansion of Gaondevi temple. The matter was immediately reported to BMC and Powai Police Station. However, no support was received from the BMC and Police in this regard. Legal notices were served to BMC, Police and other people involved in the act. A case has been filed with Bombay High Court. Draft letters were sent to the Ministry for taking up the matter with The Additional Chief Secretary, Home Department, Govt. of Maharashtra and The Principal Secretary, Dept. of Urban Development, Govt. of Maharashtra
- n) A letter dated 6.2.2014 was received from Assistant Engineer 'S' BMC in response to an e-mail sent by Director to Municipal Commissioner, MCGM. A letter dated 20.2.2014 was sent to them.
- o) The long pending issue related to Sub-divisional Officer, Office of the Mumbai Suburban District mentioning charges for N.A. use of 250193.41sq.m. land including penalty amounting to Rs.73,90,712/- and further fine of Rs.9,85,762/-under Section-45 of Maharashtra Land Revenue Code, 1966. The matter was discussed with NITIE,

Legal Adviser M/s. A.M. Nathani & Associates. A reply dt. 4.2.2013 was submitted to the Sub-divisional Officer, Office of the Mumbai Suburban district mentioning exemption for Educational Institutions from paying N.A. charges under Clause-4 of Section-117 as well as Clause-5 of the said section. The hearing was attended on 13.2.2014 and the matter was closed as desired by the Institute.

- p) The District Supdt. of Land Records, rejected the appeal filed by Sir Mohd. Yusuf Trust, against the order of City Survey Officer Mulund.

## FACULTY RESOURCE

NITIE faculty members drawn from various basic disciplines have diverse experience in business, industry and government, and thus are able to bring to bear academic concepts, techniques and programmes to meet the changing needs arising out of rapid technological development and socio-economic transformation.

The Institute has a compliment of competent and highly motivated faculty who have been able to take increased load in the area of Post-Graduate education, Management Development Programmes, Unit Based Programmes etc. at NITIE and other places.

NITIE offers the positions of Visiting Professors/ Assistant Professors to eminent scholars for short duration of one or two semesters. This enables Institute to orient its academic/research and development programmes to actual needs of industry. The research focuses on a definite orientation in exploring the high technology areas and also on designing the result-oriented applications in Industrial Engineering fields.

NITIE has the sanctioned strength of 84 faculty members. In addition to faculty members, full time consultants and visiting/guest faculty are also actively involved in academic activity and industry specific research.

The Faculty details are given below :

|  |   |   |
|--|---|---|
| <b>(a) Total faculty strength as on 31.03.2013</b>   | : |   |
| ❖ Faculty  | : | 54  |
| <b>(b) Number of faculty resigned/retired/joined</b> | : |   |
| ❖ Faculty resigned                                   | : | 01  |
| ❖ Faculty retired                                    | : | Nil   |
| ❖ Faculty joined                                     | : | 15  |
| <b>(c) Projects Staff</b>                            |   |   |
| ❖ Centre for Environmental Studies                   | : | 1 Research Associate<br>1 Secretary<br>1 Technical cum Lab. Asst.   |
| ❖ Knowledge Mgt. Centre of Excellence                | : | 1 Office Assistant  |
| ❖ Saraswati (EU-DST)                                 | : | 1 technical Assistant<br>1 Junior Research Fellow   |
| <b>(d) Information regarding Lien to Faculty</b>     | : | Nil   |
| <b>(e) Any other information</b>                     | : | ◆ Dr. Sanjay Sharma has been granted lien for a period of 1 year w.e.f. 13.2.2014<br>◆ Dr. Amitabha De is on deputation for a period of 5 years w.e.f 17.6.2013 |

### List of Faculty Members as on 31/3/2014

#### DIRECTOR

1. Prof. (Ms.) Karuna Jain

#### PROFESSOR

- |                                    |  |
|------------------------------------|--|
| 1. Dr. Amitabha De (on deputation) | 10. Dr. KVSS Narayana Rao  |
| 2. Dr. (Ms.) Mani K Madala         | 11. Dr. S B Hiremath   |
| 3. Shri H V Basin                  | 12. Shri. A K Pundir   |
| 4. Mrs. Neelima S Naik             | 13. Dr. G Srinivasan<br>(Re-employment extension upto 30.9.2013) |
| 5. Dr. D K Srivastava              | 14. Mrs. Seema Unnikrishnan                                      |
| 6. Dr. S K Nair                    | 15. Dr. Mrs. Vijaya Gupta  |
| 7. Dr. L Ganapathy                 | 16. Dr. M. Venkateshwarlu  |
| 8. Dr. B M Ghodeswar               | 17. Dr. Sanjay Sharma  |
| 9. Shri. R Ramaswamy               |  |

#### ASSOCIATE PROFESSOR

- |                                |                            |
|--------------------------------|----------------------------|
| 1. Dr. M K Jha                 | 11. Dr. Milind M Akarte    |
| 2. Dr. T Prasad                | 12. Dr (Ms) Anju Singh     |
| 3. Shri. V B Khanapuri         | 13. Dr. Sachin S Kamble    |
| 4. Mrs. Hema A Date            | 14. Dr. K. Maddulety       |
| 5. Dr. Shankar Murthy          | 15. Dr. Sanjeev Verma      |
| 6. Dr. (Mrs.) Purnima S Sangle | 16. Dr. Suman Mukhopadhyay |
| 7. Dr. Shirish Sangle          | 17. Dr. Rakesh Verma       |
| 8. Dr. S M Dhume               | 18. Dr. Ranjan Chaudhuri   |
| 9. Mrs. R D Chikhalkar         | 19. Dr. SK Md. Rauf Iqbal  |
| 10. Shri. P K Biswas           | 20. Dr. Nikhil Mehta       |

#### ASSISTANT PROFESSOR

- |                                  |   |
|----------------------------------|---|
| 1. Dr. Utpal Chattopadhyay       | 9. Dr. (Ms.) Priyanka Verma   |
| 2. Shri. Som Sekhar Bhattacharya | 10. Dr. Mukundan R.   |
| 3. Dr. Neeraj Pandey             | 11. Dr. Pradip Banerjee   |
| 4. Ms. Sumi Jha                  | 12. Dr. Ruchita Gupta   |
| 5. Dr. (Ms.) Hema Diwan          | 13. Dr. Ravindra Shridhar Gokhale   |
| 6. Dr. Binil Kumar A S           | 14. Shri Rakesh Duliya Chand Raut   |
| 7. Dr. (Ms.) Upasana Agarwal     | 15. Ms. K S Ranjani   |
| 8. Dr. Koteswara Rao Naik        | 16. Dr. Padmanav Acharya (visiting Associate<br>Professor on lien for period of 1 year) |

**INFORMATION, PUBLICATIONS & PUBLICITY CELL (IPPC)**

**Incharge : Prof. (Ms.) Mani K. Madala**

**UDYOG PRAGATI:**

NITIE publishes quarterly journal Udyog Pragati : The Journal of Practising Managers, dealing with new developments in Industrial Engineering, Industrial Management and allied fields. Udyog Pragati publishes papers and case studies on the application of industrial engineering and management concepts/techniques in industrial and government organization.

Udyog Pragati is widely subscribed by the corporate, management schools, engineering colleges, government and public sector organizations, and professionals. NITIE has mastered the art of bringing out 'Special Issues' on themes which are current and upcoming and those have impact on the performance of Indian Industry. Udyog Pragati has exchange relationship with publication of many Business schools/Institutions in India and is widely used by researchers and professionals in the field of industrial engineering and management.

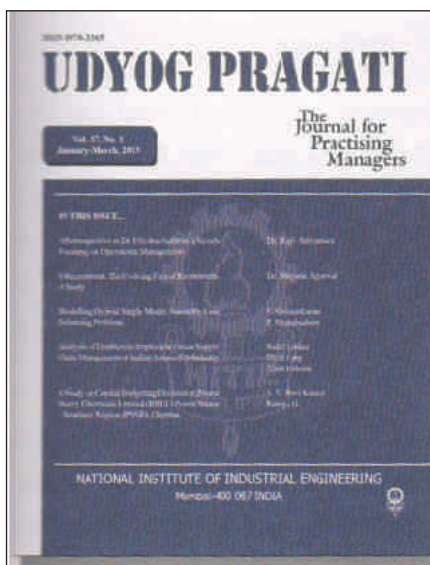
This year NITIE has brought out four general issues.

**NITIE NEWS :**

NITIE News is a quarterly publication widely circulated among industry, government organization, business schools, engineering colleges and eminent libraries in the country.

NITIE News contains information on Institute's activities such as Postgraduate Programmes, Management Development Programmes, Seminars, Workshops, Panel Discussions, Publication by faculty members and New initiatives taken by the Institute, etc. It also contains synopsis of the deliberations, seminars, etc. and thus help disseminate the knowledge to new and emerging areas in industrial engineering and management.

NITIE News is circulated to all the members of Alumni. Faculty and Staff at NITIE, Engineering Colleges and B-schools in the country with a view to inform them about the achievements of NITIE.



**Udyog Pragati** is peer-reviewed journal edited by faculty at the NITIE provides an outlet for research and scholarship on management related themes and topics. This journal aims at providing high quality preaching material to academics, consultants and management developers, through cases and research on management practices in the Industrial Engineering, Industrial Management and allied fields. This journal covers all administrative disciplines including accounting and finance, business ethics, production and operations management, entrepreneurship, human resources management, management information systems, marketing, organizational behaviour and strategic management, supply chain management, and quality management.

Each issue of "**UDYOG PRAGATI - The Journal for Practising Managers**" publishes four issues per year i.e. January - March, April - June, July - September & October - December issues.



**PUBLICATIONS / PARTICIPATION IN CONFERENCES  
(NATIONAL/INTERNATIONAL) / PROFESSIONAL  
ACTIVITIES / AWARDS ETC.**

**Dr. (Ms) Karuna Jain, Director**

Participated and presented a paper entitled, 'A Hybrid Metaheuristic for Resource Cost Minimization in Multi Mode Resource Constrained Project Scheduling Problem' co-authored with Mr. Vijay Bilolikar in POMS Conference during May 3 to May 6, 2013 at the Denver Marriott City Centre, 1701 California Street, USA.

Presented a paper entitled, 'A System Dynamics Model for Intellectual Property Management System' co-authored with Mr. Mukundan R. in POMS Conference during May 3 to May 6, 2013 at the Denver Marriott City Centre, 1701 California Street, USA.

Presented a paper entitled, 'Analyzing Fuel Consumption Anomalies for Environmentally Sustainable Aviation' co-authored with Mr. Manish Goswami and Mr. Vineet Kshirsagar in May 6, 2013 at the Denver Marriott City Centre, 1701 POMS Conference during May 3 to California Street, USA.

Prof. (Ms.) Karuna Jain made visit to University of Texas at Dallas and University of North Texas on 8th May 2013 and 10th May 2013 for possible research collaboration with NITIE.

**Dr. G Srinivasan, Professor**

Participated in 8th International Seminar on "Financial Markets: Issues and Challenges (FIM IC-2013) during Markets: Issues and Challenges (FIM IC-2013) during 05.01.13 to 06.01.13 at Tiruchirappalli. Dr. G. Srinivasan, Professor

Attended Seminar on "Economic Growth and National Integration and "Bharat Jyoti Award" during 10.06.13 at New Delhi.

Presented a paper entitled 'Angel Investing-A crucial link in Successful Entrepreneurship' - in the Eighth International Seminar on Financial Markets: Issues and Challenges- (FIM IC-2013)- held under the auspices of Department of Commerce and Financial Studies Bharathidasan University, Trichy(TN) and SMART Journal of Business Management Studies- on 5-6 January, 2013- Full Paper published in 'Conference proceedings.

Delivered a Keynote address in the technical session on FDI in Financial Services- in the two day International Seminar on Foreign Direct Investment. The Indian Scenario held under the auspices of Department of Commerce University of Kerala on 23-24, March 2013, at Thiruvananthapuram, Kerala.

Presented a paper entitled Implementation of IFRS converging Indian AS to IFRS in the 12th International conference on Global Contemporary Issues held under the auspices of Research Development Association Jaipur, and Rajasthan Chamber of Commerce and Industry Jaipur on 5-8 January, 2013 at Jaipur.

Presented a theme paper on "Shareholder's Value Creation and Measurement" in the 35th All India Accounting conference and International Seminar held in Saurashtra University Rajkot on 5-6 January, 2013.

Presented a paper on Contemporary Issues in Taxation (in absentia) in the 11th International Accounting conference - held under the auspices of IAA Research Foundation Kolkata, and Eastern Institute for Integrated Learning in Management (EILM) at Kolkata on 5-6 January 2013.

Delivered a keynote address in the International Seminars on Economic growth and National Integration held under the auspices of India International Friendship Society (IIFS), New Delhi, on 10th June 2013.

**Dr. Dinesh S Hegde, Professor**

Attended International Conference on Tech Connect World National Innovation Summit during 12.05.13 to 16.5.13 at Washington DC.

**Prof. P K Biswas, Associate Professor**

Attended International Workshop on Robotics Exhibition and Competition organized by Institute of Engg. & Mgmt. during 23.04.13 to 25.04.13 at Kolkata.

**Dr. B M Ghodeswar, Professor**

Participated in International Conference on Tourism, Transport and Logistics (ICTTL 2013) during 14.02.13 to 16.02.13 at Paris France.

**Prof. A K Pundir, Professor**

Participated in International Conference on Technology and Business Management (ICTBM-13') during 18.03.13 to 20.03.13 at Aue, Dubai.

**Prof. V B Khanapuri, Associate Professor**

Participated in 10th AIMS International Conference on Management during 06.01.13 to 09.01.13 at IIM Bangalore.

Attended Technical Meet on Recent Advancement in Control and Automation organized by Bombay Exhibition Centre during 12.04.2013 to 13.04.13 at Mumbai.

**Dr. K Maddulety, Associate Professor**

Presented paper in International Conference on Quality, Reliability and Operations Research" organized by Indian Statistical Institute during 7th to 9th Jan., 2013 at Mumbai.

**Dr. Milind A Akarte, Associate Professor**

Participated 10th AIMS International Conference on Management during 06.01.13 to 09.01.13 at IIM Bangalore.

**Dr. Sanjeev Verma, Associate Professor**

Published paper on Effectiveness of Social Network Sites for Influencing Consumer Purchase Decisions in International Journal of Bussiness Excellence, Vol.6, No.5, 2013.

**Dr. Suman Mukhopadhyay, Associate Professor**

Presented paper in the 100th Session of Indian Science Congress Association during 03.01.13 to 07.01.13 at Kolkatta.

**Dr. Rakesh Verma, Associate Professor**

Attended 12th International Symposium on the "Analytic Hierarchy Process" (ISAHP 2013) during 23.06.13 to 26.06.13 at Kuala Lumpur.

**Prof. (Ms) Sumi Jha, Assistant Professor**

Participated in four days Certification Program on MBTI (Personality Assessment Tool) during 19.02.13 to 22.02.13 at Mumbai.

Participated in International Conference on 'Management of Infrastructure' during 15.02.13 to 16.02.13 at Dehradun.

Participated in International Conference on 'Technology and Business Management (ICTBM-13)' during 18.03.13 to 20.03.13 at Aue, Dubai.

**Dr. Utpal Chattopadhyay, Assistant Professor**

Participated in International Conference on Economics, Business and Marketing Management' during 28.03.13 to 29.03.13 at Madrid Spain.

**Dr. Som Sekhar Bhattacharya, Assistant Professor**

Attended International Journal of Arts and Sciences (IJAS) Conference organized by Harvard University Campus in Cambridge during 26.05.13 to 30.05.13 at USA.

**Dr. (Ms) Upasana Aggarwal, Assistant Professor**

Attended International Coaching Conference during 10.05.13 at Mumbai.

**Shri Barun Kumar Thakur, Fellow 2010**

Published a research paper with co-authorization with Dr (Mrs) Vijaya Gupta, and Dr Utpal Chattopadhyay on "Arsenic Groundwater Contamination Related Socio - Economic Problems in India : Issues and Challenges". Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change in Research Journal Springer Berlin, Heidelberg, 2013 pg. 163-182.

**Awards/Honours:**

- Dr. G. Srinivasan was awarded Bharat Jyoti Award for Meritorious Services, Outstanding

Performance and Remarkable Role. The award was presented by Dr. Bhishma Narain Singh, Former Governor of Tamilnadu and Assam.



*Dr. G. Srinivasan receiving Bharat Jyoti Award from Dr. Bhishma Narain Singh, Former Governor of Tamilnadu and Assam.*

- Dr. K Maddulety honored with "Indira Gandhi Excellence Award" for the year 2013 by IIFS at MPHE, New Delhi.

**Dr. (Ms) Mani K Madala, Professor**

Participated in National Conference on "Cyber Crime, Criminals and Law" during 05.08.13 to 06.08.13 organized by Aura University at Coimbatore.

Presented a paper: "Governance of International IPR Systems for Sustainable Development" in the International Conference on Information and Social Science (ISS 2013), 24-26 September, 2013 at Nagoya, Japan. This international conference was organized by Nagoya University. The thrust of paper was on How the WTO Backed Trips are skewed in favour of developed countries. The paper argued that flow of huge royalty fees from developing countries to developed countries unsustainable in the long run and advocated a paradigm shift in innovation policies as well as

governance of IPR regimes. She also chaired a session on Management-II in the same conference.

**Dr. D K Srivastava, Professor**

Participated & Presented a Paper in the Fourth Asia Pacific Business Research Conference during 30.09.13 to 01.10.2013 at Singapore.

**Dr. (Mrs.) Vijaya Gupta, Professor**

Participated in 14th Global Conference on “Environmental Taxation and Green Fiscal Reform for Sustainable Future” during 17.10.13 to 19.10.13 at Kyoto, Japan.

**Dr. KVSS Narayana Rao, Professor**

Participated in 55th National Convention of IIE & International Conference on “Managing Supply Chain etc” during 25.10.13 to 26.10.13 at Nagpur.

Participated in 2nd International Conference on “Industrial Engineering” during 20.11.13 to 22.11.2013 at SVNIT, Surat.

**Prof. (Mrs.) Rekha Chikhalkar, Professor**

Published a research paper titled “Factors Moderating Private Label Purchase” in Social Science Research Network (SSRN) e-Library; it was posted on October 31, 2013. It was co-authored by Jayakrishnan.S and Dr. Ranjan Chaudhuri.

**Dr. L. Ganapathy, Professor**

Participated in 55th National Convention of IIE & International Conference on “Managing Supply Chain etc” during 25.10.13 to 26.10.13 at Nagpur.

Participated in Thirteen Global Conference on “Flexible Systems Management” (GLOGIFT 13) during 13.12.13 to 15.12.13 at IIT, Delhi.

**Shri A K Pundir, Professor**

Participated in Thirteen Global Conference on “Flexible Systems Management” (GLOGIFT 13) during 13.12.13 to 15.12.13 at IIT, Delhi.

**Dr. Utpal Chattopadhyay, Assistant Professor**

Participated in 2013 3rd Journal Conference on “Trade Economic and Finance” during 13.07.13 to 14.07.13 at Jakarta, Indonesia.

**Dr. (Mrs.) Upasana A Agarwal, Assistant Professor**

Participated in three days Appreciated Enquiry Technique Training during 26.09.13 to 28.09.13 at Pune Participated Indian Academy of Mgmt. Conference during 12.12.13 to 14.12.13 at IIM, Ahmedabad.

**Dr. Neeraj Pandey, Assistant Professor**

Published a paper on “Value Communication: Low-cost marketing initiatives for ‘Guru Ki Bani 58282’”, *Emerald Emerging Markets Case Studies*, Vol. 3, No. 3, pp. 1-9.

This paper was co-authored with Gaganpreet Singh, Research Scholar NITIE.

Published a paper on “Factors affecting tourist’s intention to purchase: A study of Indian domestic tourist”, *International Journal of Indian Culture and Business Management*, Inderscience Publication, Vol. 6, No. 3, pp. 314-329

Developed Case Study and Teaching Notes on “Madhu Automobiles: Managing Marketing Strategy for Success”, The Case Centre, UK

(Formerly European Case Clearing House), R. No.513-114-1, pp. 1-10

Developed Case Study and Teaching Notes on "Managing Business Planning and Growth: A Case of Small Scale Service Business Enterprise (SSSBE) in India", The Case Centre, UK, R. No.513-085-1, pp. 1-15

Developed Case Study and Teaching Notes on "Baljees Regency: Restructuring of Pricing and Leadership", The Case Centre, UK, R. No. 513-037-1, pp. 1-19. This case study was co-authored with Gaganpreet Singh, Research Scholar NITIE.

Presented a paper entitled "Management of Marketing Strategies for Small & Medium Enterprises in the era of Globalization", in 13th International Conference on Emerging Trends, Challenges & Opportunities in GBMTI, organized by Research Development Association and held at The International Centre Goa, India; September 28-29, 2013 (Received Best Paper Award)]

Presented a paper entitled "Strategic Marketing Issues for PSU controlled petroleum retail outlets in deregulated oil industry environment", in PetroWorld India 2013 Conference, organized by Penwell Corporation, UK and held at Bombay Exhibition Centre, Mumbai India; August 22-24, 2013.

This paper was co-authored with Dr. S.M. Dhume, Associate Professor, NITIE.

Chaired the Technical Session on "Emerging Issues in Business and Management", in 13th International Conference on Emerging Trends, Challenges & Opportunities in GBMTI, organized by Research Development Association and held at The International Centre Goa, India; September 28-29, 2013

**Dr. (Ms.) Hema Diwan, Assistant Professor**

Participated in Short Term Course on "Municipal Solid Waste Management: Options for Recycling and Recovery" during 03.10.13 to 05.10.13 at IIT, Bombay.

Participated in Indian Water Forum 2013 International Water Convention on "Water Use Efficiency" during 28.10.13 to 30.10.13 at New Delhi.

Participated in Training Programme on "Green & Sustainable Technologies" during 18.11.13 to 22.11.13 at TERI.

**Dr. Ranjan Choudhari, Assistant Professor**

Participated in International Conference on "Emerging Research Paradigms in Business and Social Sciences" during 26.11.13 to 28.11.13 at Dubai.

**Dr. S K MD. Rauf Iqbal, Associate Professor**

Presented a paper in the International Conference on "Ergonomics and Human Factors (HWWE 2013) during 04.12.13 to 06.12.13 at West Bengal.

**Dr. Suman Mukhopadhyay, Associate Professor**

Participated in International Conference on "Ergonomics and Human Factors, "ERGO 2013: HWWE" during 04.12.13 to 06.12.13 at West Bengal.

**Dr. B. Koteswara Rao Naik, Assistant Professor**

Participated in Conference on "Patinformatics for Corporate Planning and Business Development during 09.12.13 to 11.12.13 at Pune.

Participated in Thirteenth Global Conference on “Flexible Systems Management” (GLOGIFT 13) during 13.12.13 to 15. 12.13 at IIT, Delhi.

**Dr. Milind A Akarte, Associate Professor**

Participated in IEEE International Conference on “Industrial Engineering and Engineering Management” during 10.12.13 to 13.12.13 at Bangkok, Thailand.

**Mrs. Sumi Jha, Assistant Professor**

Participated in 3rd Indian Academy of Management Conference 2013 during 12.12.13 to 13.12.13 at IIM, Ahmedabad.

**Dr. Pradip Banerjee, Assistant Professor**

Presented a Paper in the Indian Finance Conference during 18.12.13 to 20.12.13 at IIM, Ahmedabad.

**Shri Manoj Kumar Jha, Associate Professor**

Participated in Mgmt. Development Training Program on “Role and Functions of Vigilance and Disciplinary Proceedings” Organized by Delhi Productivity Council during 18.12.13 to 22.12.13 at Kathmandu, Nepal.

**Paper published - Online**

1. Vikrant Patil, Anju Singh and Neelima Naik : Estimation of carbon stocks in Avicenna marina stand using allometry, CHN analysis and GIS methods, Wetlands, Springer, DOI 10.1007/s13157-013-0505-y.

**Papers accepted for Publication**

1. Vikrant Patil, Anju Singh and Neelima Naik : Estimation of carbon stocks in Avicenna marina stand using allometry, CHN analysis

and GIS methods, Wetlands, Springer, DOI 10.1007/s13157-013-0505-y. (Published Online).

2. Seema Unnikrishnan, Neelima S. Naik, Anju Singh, Bhagyashree Sawant and Aditee Potdar: Study of Safety and Environmental Management Practices in the Indian Petrochemical Industry. Current Advances in Environmental Science Vol.2 Iss.2 in May of 2014.
3. Mayuri R. Naik, Anju Singh, Seema Unnikrishnan and Neelima Naik: The Role of the Clean Technology Mechanism in the Indian Energy Sector. Energy and Environment Journal (vol. & issue no. not provided yet).
4. Indrayani Nimkar, Anju Singh, Seema Unnikrishnan, Neelima Naik: Potential of GHG Emission Reduction from Agriculture Sector. International Journal of Global Warming (vol. & issue no. not yet provided).
5. Seema Unnikrishnan, Anju Singh, Bhagyashree Sawant and Neelima Naik: Environmental Education and Practices in Schools. Journal of Environmental Research and Development (JERAD) (vol. & issue no. not yet provided).

**Papers Presented and published in proceedings**

1. Aditee A. Potdar, Seema U. and Anju Singh: Study of environmental regulations in India and other countries: A review. Conference 13th International Consortium of Students in Management Research (COSMAR): November 15-16. 2013, Bangalore.
2. Mayuri Naik, Bhagyashree Sawant, Anju Singh, Seema Unnikrishnan, Neelima Naik and

Indrayani Nimkar: Role of Clean Development Mechanism and cleaner technologies in achieving energy efficiency in chemical and manufacturing sectors in India. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.

3. Seema Unnikrishnan, Anju Singh, Neelima Naik and Bhagyashree Sawant: Environmental education and practices in schools. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
4. Vikrant Patil, Anju Singh, Neelima Naik, Seema Unnikrishnan and Prasad Khale: Change detection analysis of mangrove for effective implementation of coastal zone management plans. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
5. Sangeeta Verma, Geetha K Jayaraj, Anju Singh, Surender Kumar Mishra and Ravindra Kumar Verma: SCS-CN-Inspired Models Reviewed for Use in Rs& GIS Applications for Surface Runoff Estimation. Conference: International Conference on Eco Friendly Technology for Sustainable Growth” ICEFT-14, March 27-28, 2014, Mumbai.
6. Sangeeta Verma, Anju Singh and Ravindra Kumar Verma: Assessment of Monthly Variation of Water Quality Characteristics and Morphometric Analysis of Vihar Lake, Mumbai, India. Conference: Water and its Sustainability in Mining and Other Environment: Vision 2050 (WSME 2014)” March 28-29, 2014, Dhanbad.

#### **Posters Presented at Conference – International**

1. Devika Surendran, Vikrant Patil, Indrayani Nimkar, Anju Singh, Neelima Naik, Seema Unnikrishnan: Forest Biomass Estimation using GIS and Remote Sensing. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
2. Sneha Magam, Vikrant Patil, Anju Singh, Seema Unnikrishnan, and Neelima Naik: Best Management practices for urban lakes and watersheds. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
3. Supriya Edke, Indrayani Nimkar, Anju Singh, Seema Unnikrishnan, Neelima Naik: Innovations in Ecosystem Management. Conference: International Congress of Environmental Research – 13 : December 19-21, 2013, Aurangabad.
4. Trushant Garjare, Mayuri Naik, Anju Singh, Seema Unnikrishnan, Neelima Naik: Small scale bundled projects in clean development mechanism. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
5. Yogita Chakravarthy, Aditee Potdar, Anju Singh, Seema Unnikrishnan, Neelima Naik: A comparison of eco-label scheme in India with other countries. Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.
6. Khushboo Jain, Anju Singh, Seema Unnikrishnan, Neelima Naik, Indrayani Nimkar: Sustainable Business Development Innovation in Indian Mining Sector.

Conference: International Congress of Environmental Research – 13: December 19-21, 2013, Aurangabad.

#### **Papers Accepted for conference – International**

1. Anju Singh, Aditee Potdar, Mayuri R. Naik, Indrayani Nimkar, Seema Unnikrishnan and Neelima Naik: Innovative Practices in Solid Waste Management with CDM in India accepted for presentation in 29<sup>th</sup> International Conference on Solid Waste Technology and Management 2014.
2. Mayuri Naik, Indrayani Nimkar, Anju Singh, Seema Unnikrishnan, Neelima Naik, Bhagyashree Sawant, Balaji: Role of clean development mechanism for fugitive emission reduction, POMS 2014, Atlanta, USA.
3. Mayuri R. Naik, Anju Singh, Seema Unnikrishnan and Neelima Naik: CDM in small and medium scale enterprises and use of bundled projects, POMS 2014, Atlanta, USA.
1. Maturity of Knowledge Management and Knowledge Enabled Business process. Paper published in International Journal of Business and Technology. Volume 4 No. 1 Feb 2014.
2. “KMPMM – A tool to measure maturity of KM process” awaiting final approval from Electronic Journal of Knowledge Management
3. A multi case study on organizational knowledge management capability. International Journal of Information Technology Management; Vol. 12, No. 3/4, 2013 pp. 298 - 319 (Inderscience Publication, ISSN: 1461-4111)
4. Technology Infrastructure for KM Capability, International Journal of Computer Theory and

Engineering, Vol. 5, No. 1, February 2013 pp. 183-187 (IACSIT Publication ISSN: 1793-8201.

5. “A Comparative Analysis of Knowledge Management Process Models” published in May 2013 issue of “International Journal of Innovative Research & Studies”
6. Combination of TAM and TPB in Internet Banking Adoption”, published in International Journal of Computer Theory and Engineering (IJCTE), Vol. 5, No. 1, February 2013 pp 146-150 DOI: 10.7763/IJCTE.2013.V5.665. ISSN: 1793-821X (Online Version); 1793-8201

#### **Pradip Banerjee**

#### **Publication**

- “Acquisition Pricing in India during 1995-2011: Have Indian acquirers really beaten the odds?” Journal and Banking and Finance. 2014, Vol.38 (1), pp.14-30. (Co-author).
- “Institutional Preference for firm attributes: Evidence from India” – Journal of Applied Finance. April 2013, Vol. 19, No.2, pp. 27-44,. (Co-author).

#### **Conference Paper**

- “Inclusion and Exclusion in Futures and option: Do Stock price React?” Presented at India Finance Conference December 18-21, 2013 at IIM, Ahmadabad. (Co-author).
- “Diversification Aspect of Stock Split – A study on NYSE and BSE” Presented at India Finance Conference December 18-21, 2013 at IIM, Ahmadabad. (Co-author).
- “Abnormal Returns and Investment strategy: Do Accounting Information Matter?” Presented



at India Finance Conference December 18-21, 2013 at IIM, Ahmadabad. (Co-author).

- “Acquisition Pricing in India during 1995-2011: Have Indian Acquirers Really Beaten the Odds?” Presented at 20<sup>th</sup> Annual Global Finance Conference, May 20-22, 2013 at Monterey Bay, CA, USA. (Co-author).

### **Cases**

- Debacle of Reliance Power IPO – A Case Study – The Management Accountant, March 2014 (Co-author).
- Sanjeenvi Ltd. in the ICU – Case Commentary – Indore Management Journal, 2013, 5(3)

### **Dr. Neeraj Pandey, Assistant Professor**

#### **Book Chapters :**

“Pricing Strategy in Online Grocery Retail: Insights from GMMR”, in “Proceedings: International Conference on Changing Perspectives and Paradigms in Business and Behavioral Sciences”; Ed. Ravi Kiran, ISBN 978-1-63041-449-8, pp. 257-262, Pandey, Neeraj and Ranjan, Saurabh (2014)

“Marketing Strategies for Small & Medium Enterprises in the face of global recession and beyond”; Ed. Rajesh Arora; Mudrank, New Delhi,; ISBN 978-93-83303-22-9, pp. 5-9, Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2013)

#### **Journal Publications**

Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2014), “Market Strategies of SMBs with special reference to Automotive and Light Engineering Companies:

Insights from India”, International Journal of Management Research and Review, Vol. 4, No. 2, pp. 300-314

Pandey, Neeraj and Singh, Gaganpreet (2013) “Value Communication: Low-cost marketing initiatives for 'Guru Ki Bani 58282”, Emerald Emerging Markets Case Studies, Vol. 3, No. 3, pp. 1-9

### **Research Project**

- ' Issues and Challenges in adoption of solar powered equipment's in rural households in western Maharashtra' Golden Jubilee Socially Relevant Project awarded by NITIE (2013-2014)

### **Case Studies and Teaching Notes**

Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2013) “Madhu Automobiles: Managing Marketing Strategy for Success”, The Case Centre, UK (European Case Clearing House), R. No.513-114-1, pp. 1-10

Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2013) “Madhu Automobiles: Managing Marketing Strategy for Success (A Teaching Note)”, The Case Centre, UK (European Case Clearing House), R. No.513-114-8, pp. 1-4

Pandey, Neeraj and Singh, Gaganpreet (2013) “Value Communication: Low-cost marketing initiatives for 'Guru Ki Bani 58282”, Emerald Emerging Markets Case Studies, Vol. 3, No. 3, pp. 1-9

Pandey, Neeraj and Singh, Gaganpreet (2013) “Value Communication: Low-cost marketing initiatives for 'Guru Ki Bani 58282' (A Teaching Note)”, Emerald Emerging Markets Case Studies, pp. 1-8

Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2013) "Managing Business Planning and Growth: A Case of Small Scale Service Business Enterprise (SSSBE) in India", The Case Centre, UK (European Case Clearing House), R. No.513-085-1, pp. 1-15

Nandkeolyar, Dilip; Pandey, Neeraj; Kiran, Ravi and Kumar, Shailendra (2013) "Managing Business Planning and Growth: A Case of Small Scale Service Business Enterprise (SSSBE) in India (A Teaching Note)", The Case Centre, UK (European Case Clearing House), R. No. 513-085-8, pp. 1-4

Pandey, Neeraj; Agarwal, Neha; Singh, Gaganpreet and Medury Y. (2013) "Baljees Regency: Restructuring of Pricing and Leadership", The Case Centre, UK (European Case Clearing House), R. No. 513-037-1, pp. 1-19

Pandey, Neeraj; Agarwal, Neha; Singh, Gaganpreet and Medury Y. (2013) "Baljees Regency: Restructuring of Pricing and Leadership (A Teaching Note)", The Case Centre, UK (European Case Clearing House), R. No. 513-037-8, pp. 1-10

### **Conference Presentations**

"Pricing Strategy in Online Grocery Retail: Insights From GMMR", in International Conference on Changing Perspectives and Paradigms in Business and Behavioral Sciences organized by and held at Thapar University, Patiala; March 28-29, 2014

"Marketing Strategies for Small and Medium Enterprises in the face of Global Recession and beyond" in National Conference on Execution at PR Centre for Management Education, New

Delhi; December 28, 2013 (Best Paper Award)

"Management of Marketing Strategies for Small & Medium Enterprises in the era of Globalization", in 13<sup>th</sup> International Conference on Emerging Trends, Challenges & Opportunities in Global business, Management, Tourism & IT, organized by Research Development Association and held at The International Centre Goa, India; September 28-29, 2013 (Best Paper Award)

"Strategic Marketing Issues for PSU controlled petroleum retail outlets in deregulated oil industry environment", in PetroWorld India 2013 Conference, organized by Penwell Corporation, UK and held at Bombay Exhibition Centre, Mumbai India; August 22-24, 2013

### **Awards**

' Best Professor in Marketing Management' Award by Jury of Lokmat National Education Leadership Awards at Taj Lands End Mumbai, India; February 13<sup>th</sup>, 2014.

Please note the following list of published paper for the period 1st April 2013 to 31st March 2014 for inclusion in annual report

1. Vatnani, R. & Verma, S. (2014) "A Comprehensive Framework for Internet Banking Adoption: An Empirical Analysis in Indian Context" International Journal of Business Information System, Vol. 15, No. 3, pp. 307-324
2. Verma, S. (2013) "Effectiveness of social network sites for influencing consumer purchase decisions" International Journal of Business Excellence, Vol.6, No.5, pp.624-634

**Dr Akarte Milind M****International Conference**

Ramesh Lekurwale, Milind Akarte, and D.N. Raut,  
 "Measurement of Manufacturing Effectiveness of a Company Using Analytical Hierarchical Process: A Case Study", Presented at IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2013), December 10-13, 2013, Bangkok, Thailand

**International Journal**

Pradip Patil, Balkrishna Narkhede, Milind Akarte,  
 "Pattern of manufacturing strategy implementation and implications on manufacturing levers and manufacturing outputs and business performance", Accepted for publication in International Journal of Indian Culture and Business Management, Inderscience Publishers.

**Dr. B. Koteswara Rao Naik**

1. B. K. R. Naik and S. Rameez Raja, Influence of ATMs on Spending Pattern: Situation at Technical Academic Institutions in India, *Drishtikon: A Management Journal* (Under Review).
2. B. K. R. Naik and Sujay S., Impact of Mobile Phones: Situation at Indian Academic Institution, *Asia-Pacific Journal of Management Research and Innovation*. (Under Review).

**Book Chapters**

1. B. K. R. Naik, Rameez Raja Shaik and Niketa Narain, Mumbai Metro Rail Project: Evaluating

Financial Flexibility for Reliance Infra, Organizational Flexibility and Competitiveness by Springer (In press).

2. B. K. R. Naik, Rameez Raja Shaik and Ritesh Jain, Impact of Takeover Code 2011 on M&A Scenario in India: A Study of Share Buyback as a Takeover Defense, Organizational Flexibility and Competitiveness by Springer (In press).

**International conferences**

1. B. K. R. Naik, A Study of Technological Innovation Performance: Empirical Analysis of South Indian Manufacturing Industries, 13th Global Conference of GIFT Society during 13th – 15th Decmebr 2013 at IIT Delhi.
2. B. K. R. Naik, The Importance of Various Research Facilities and their Availability at Indian Premier Technical Academic Institutions: Survey Findings, 13th Global Conference of GIFT Society during 13th – 15th December 2013 at IIT Delhi.

**Workshops Attended**

1. Conference on Patent informatics for corporate planning and business development, jointly organized by Society for Information Science and URDIP during 9-11, December 2013 by CSIR at Pune.
2. 2nd Annual IPR Conclave on Emerging Trend in IPR- The Global Upbeat Scenario, organized by Legal Era group during 2nd August 2014 at Taj Lands End, Mumbai.
3. 3rd Annual Legal Era Conclave on Emerging Trends in Business and Law, organized by Legal era group during 14-15 March 2014 at Taj Lands End, Mumbai.

**Sponsored Research Projects**

1. NITIE sponsored socially relevant project on success of usage of solar inverter: A comparative study between Andhra Pradesh and Tamil Nadu.

**Consultancy Projects**

1. Man power assessment of Cargil foods Pvt. Ltd., Kurkumb, Pune (on going)

**Conferences Organized (Part of the team)**

1. 2nd International Conference on Management of Intellectual Property and Strategy, jointly organized by SJMSOM and NITIE with the support of MHRD, Govt. of India from January 30th – 2nd February, 2014 at IIT Bombay.

**Shri Ratan Lal Samota, Deputy Registrar**

Participated in One day Workshop on “Implementation of Direct Benefit Transfer (DBT) for providing Scholarship during 13.12.13 at Bhopal.

**Shri C R Saseendran, Assistant Registrar**

Participated in One day Workshop on “Implementation of Direct Benefit Transfer (DBT) for providing Scholarship during 13.12.13 at Bhopal.

**Shri Anand N Naidu, Manager, Computer Centre**

Participated in Role of Disciplinary authorities in Discipline Mgmt. in CG Offices Various connected rules during 27.11.13 to 29.11.13 at Mysore.

**Shri S M Venkatramaiah Ramagiri, Systems Designer**

Participated in training program on “CCTV, Biometric and Delhi.

**Shri Yeshwanth Rao, Senior Programmer**

Participated in training program on “CCTV, Biometric and Access Control Management” during 30.11.13 at New Delhi

**Smt. Shobhana Suresh, Superintendent**

Participated in training program on “Understanding and Interpretation of various service rules for better office management” during 18.12.13 to 20.12.13 at Pune Shri J B Desai, U D C

Participated in training program on “Improving Office Productivity using MS-Word & MS Excel” during 11.12.13 to 13.12.13 at Bangalore

**Shri Vijay G Yadav, L D C**

Participated in training program on “Understanding and Interpretation of various service rules for better office management” during 18.12.13 to 20.12.13 at Pune

**Shri Sadanand A Naik, L D C**

Participated in training program on “Improving Office Productivity using MS-Word & MS Excel” during 11.12.13 to 13.12.13 at Bangalore

**Shri Rajesh V Lad, L D C**

Participated in training program on “Improving Office Productivity using MS-Word & MS Excel” during 11.12.13 to 13.12.13 at Bangalore

**Shri Sureshchandra Jain, Hindi Officer**

Attended two days Hindi Workshop organized by Ministry of HRD during 16.05.13 to 17.05.13 at Surat.

**Smt. B E Korday, Sr. Library & Inf. Asst.**

Attended three days Workshop on "Meeting Users Expeditions" organized by Central Library during 27.05.13 to 29.05.13 at IIT Mumbai.

**Shri A R Parab, Sr. Tech. Assistant**

Participated in Technical Workshop on 'Latest Changes in Pay Fixation under Fundamental Rules etc. organized by SERT New Delhi during 21.02.13 to 23.02.13 at Dehradun.

**Shri M A Darure, Sr. Stenographer**

Participated in Technical Workshop on 'Latest Changes in Pay Fixation under Fundamental Rules etc. organized by SERT New Delhi during 21.02.13 to 23.02.13 at Dehradun.

**Shri S Harihara Subramanian, Data Entry Opr. Grade-B**

Participated in Technical Workshop on 'Latest Changes in Pay Fixation under Fundamental Rules etc. organized by SERT New Delhi during 21.02.13 to 23.02.13 at Dehradun.

**Shri N K Khanka , Data Entry Opr. Grade-B**

Participated in Technical Workshop on 'Latest Changes in Pay Fixation under Fundamental Rules etc. organized by SERT New Delhi during 21.02.13 to 23.02.13 at Dehradun.

**Shri D A Sawant, L D C**

Participated in Technical Workshop on 'Latest Changes in Pay Fixation under Fundamental Rules etc. organized by SERT New Delhi during 21.02.13 to 23.02.13 at Dehradun.

**CONFERENCE/SEMINAR:**

The Round Table was organized on 13th February 2014 at NITIE. The idea to organize the Round Table Conference on "Innovation in India" came up as a part of celebrating Golden Jubilee Celebrations of NITIE. As NITIE's focus is more on the manufacturing sector the Round Table also focused on technological innovations in MSMS Sector. The Round Table was chaired by Dr. H R Bhojwani, (Advisor to Minister Communication & Information Technology, Chairman of ERNET, Former Advisor, Council of Scientific and Industrial Research), Prof (Ms) Karuna Jain (Director, NITIE, Mumbai), Dr Raj Hirwani, (Head, URDIP, CSIR), Mrs Radhika Rostogi, (Development Commissioner, Govt. of Maharashtra, (MSSIDC), Dr Atanu Ghosh, (Professor, IIT, Bombay), Mr. Bishram S, (CEO, Vision to Value), Dr. Meena Gallaria, (Chairperson, Social Entrepreneurship Cell, NIMIS University, Mumbai) participated in the Round Table Conference. From NITIE the participants were: Prof (Ms) Mani K Madala, Prof H V Bhasin, Prof T Prasad, Prof Maddulaty, Prof Sanjeev Verma, Prof Nikhil Mehta, Prof Utpal Chattopadhyay, Dr Upasana Agarwal, Dr Mukundan and others participated.

Dr Bhojwani the Chairman pointed out that too much dependence on government and government initiative does not yield results. We have to build culture and ethos in the society which can drive innovation. In Indian scenario social stigma of failure plays an important role in poor innovation records. The ethos and the law have to encourage innovation by not punishing the failure. It is also seen that Indian people outside India are more innovative than people in India. It may have something to do with the freedom to fail.



*Dr. H.R. Bhojwani (Advisor to Minister Communications & Information Technology, Chairman of ERNET) is being welcomed by Prof. (Ms.) Karuna Jain, Director, NITIE*

Dr Karuna Jain, Director NITIE, focused on the need to maintain a knowledge repository. She said Dr. Anil Gupta's Padyatra captured about 50000 innovations. But we are not keeping a score of our innovations particularly at the grass root level. Dr. Raj Hirwani emphasized on the need to promote university-industry collaboration in order to tap the global knowledge. Mrs. Radhika Rastogi put the spot light on the lack of innovation in agriculture and animal husbandry. She also felt there is a need for MSME clusters to collaborate with the nearest university. She also highlighted turmeric cluster in Sangli where due to unique geographical and climate advantages it is possible to store turmeric safely upto four years. This is almost like having liquid capital in hand. and due to high levels of Cur Cumin available in the turmeric in the Satara region-this turmeric is highly valuable in making anticancer drugs. Prof Atanu Ghosh focused on reverse innovation needed in developing countries which are poor. Citing examples of Nirma, Tata Motors, Bharti Airtel, Arvind Eyecare, he emphasized the need for involvement of all the stakeholders for sustained innovation.

Prof (Ms) Mani K Madala, Prof T Prasad, Prof Maddulaty, Prof Sanjeev Verma, Prof Nikhil Mehta, Prof Utpal Chattopadhyay, Dr Upasana Agarwal, Dr Mukundan, were members of the organizing committee. Fellow Students - Mr Siddharth Tripathi, Mr. Avinash Tripathi, Ms. Chitra Gounder, Ms. Sonal, Mr. Barun Thakur, Mr. Rajesh Ranjan, Shri V A Patankar and others rapporteured as well as supported the organizing of the Round Table.



*Mrs. Radhika Rastogi, Development Commissioner, Govt. of Maharashtra, Maharashtra Small Scale Industries Development Corporation Ltd. (MSSIDC); & Prof. (Ms.) Karuna Jain, Director, NITIE*



*Dr. (Ms.) Meena Galliara, (Chairperson, Social Entrepreneurship Cell, NIMIS University, Mumbai), is being welcomed by Research Students, NITIE*



*Prof. H V Bhasin, Professor, NITIE is being welcomed by Prof. (Ms.) Karuna Jain, Director, NITIE*



*Eminent thinkers delivering their thought at the Round Table: Prof. Shantanu Ghosh, Professor, IIT-B & Dr. Raj Hirwani*



*Dr. (Ms) Mani Madala, Convener, Roun Table, is being welcomed by Prof. (Ms.) Karuna Jain, Director, NITIE*

**Participants at the Round Table:**

- The Round Table was chaired by Dr. H. R. Bhojwani, Advisor to Minister Communication & Information Technology, Chairman of ERNET, Former Advisor, Council of Scientific and Industrial Research.
- Prof (Ms) Karuna Jain, Director, NITIE
- Dr R.Hirwani,( Head, URDIP, CSIR);
- Dr Meena Galleria (Chairperson, Social Entrepreneurship Cell, NIMIS University, Mumbai);
- Mrs. Radhika Rastogi, Development Commissioner, Govt. of Maharashtra, Maharashtra Small Scale Industries Development Corporation Ltd. (MSSIDC);
- Dr. Atanu Ghosh, Professor, IIT-B, Mumbai
- Shri Bishram, CEO, Vision-to-Value, Mumbai
- Prof H.V. Bhasin (Professor, NITIE), Dr. K. Maddulaty, Prof Sanjeev Verma, Prof. Nikhil Mehta, Prof. Utpal Chattopadhyay, Dr. (Mrs) Upasana Agarwal, Dr. Mukundan and others.

**Organising Committee & the Secretariat**

Prof (Ms) Mani K. Madala, Prof T.Prasad, Nikhil Mehta, Prof Utpal Chattopadhyay, Dr Upasana Agarwal, Dr. Mukundan. The Secretariat of The Round Table was managed by Shri Vishnu Patankar.

**Support of Fellow Students**

Prof. (Ms) Mani K. Madala, Prof. T. Prasad, Prof. Maddulaty, Prof. Sanjeev Verma, Prof. Nikhil Mehta, Prof. Utpal Chattopadhyay, Dr. Upasana Agarwal, Dr. Mukundan were members of the organising committee. Fellow Students- Mr. Siddharth Tripathi, Mr. Avinash Tripathi, Ms. Chitra Gounder, Ms. Sonal, Mr. Barun Thakur, Mr. Rajesh Ranjan, Shri Vishnu Patankar and others rapporteured as well as supported the organizing of the Round Table



## STUDENT ACTIVITIES & EVENTS

Under the umbrella “**Avarthan**” various student events are organized concurrently during Student Activities Week from 18<sup>th</sup> to 25<sup>th</sup> October 2013.

**a) Josh -**

Sports competition amongst students of various institutes from 19<sup>th</sup> to 25<sup>th</sup> October, 2013

**b) AArohan -**

Cultural events competition amongst students of various institutes from 18<sup>th</sup> to 21<sup>st</sup> Oct. 2013

**c) LAKSHYA, PRERANA, ENVISION & LITMUS -**  
22<sup>ND</sup> to 25<sup>th</sup> October 2013

Following industry stalwarts were honoured during the event:

**Lakshya** Business Visionary Award –

- Shri Baba N Kalyani, Chairman, Klalyani Group,
- Shri B Prasada Rao, CMD, Bharat Heavy Electricals Ltd.

**Empresario** most Inspiring Entrepreneur of the year award –

- Shri PramodChaudhari, CMD PRAJ Industries Ltd.,
- Shri Angesh Kale, MD, Precision Automation & Robotics India Ltd.

For Students' following competitions were organized:

- Lakshwiz
- 8-Plan Contest
- Beat the Street
- Reach
- Enflammer
- Elevator Pitch
- Equinox
- Decibelz
- Engauge
- Avezha
- Green Lantern
- Checkmate

For Startup entrepreneurs an event was organized:

- D'Apprendre – My story session
- Avkriti
- Avezha

Power Talk / Cita De Lda was delivered by –

- Dr. KiranBedi, Indian Social Activist & IPS Officer
- Mr. Siddhartha Basu, Producer – Director and Quiz show host
- Mr. NageshKukunoor, Indian Filmmaker and Screenwriter

Prerana Business Meet

The following top industry executives addressed on the above topic.

- Mr. Ganesh Ayyar, CEO and Director, Mphasis
- Mr. Uttam Bose, MD and CEO, Hindustan Motors Ltd.
- Dr. Habil Khorakiwala, Chairman, Wockhardt Group
- Mr. Arindam Sen, SVP and Country Head, Schneider Electric IPO
- Mr. Abhijit Roy, MD and CEO, Berger Paints India Ltd.

Summer Project Contests – Students of various Management Institutes participated in the following contests:

- Finance
- Marketing
- Supply Chain Management
- Systems & IT
- Human Resources
- Strategy & Consulting

**(a) B-Gyan –**

Four knowledge sharing sessions by renowned personalities in industry were organized on various management topics. The topics were:

- ❖ “Social Media Marketing to reach youth markets” – delivered by Mr. Sanjay Mehta, CEO, Social Wavelength, on 4<sup>th</sup> February 2014.
- ❖ “My Journey with Sky Gourmet – Lesson in building an organization” and “Service Marketing”- delivered by Mr. Ajit Mathur, MD, Sky Gourmet, on 17<sup>th</sup> February 2014 and 18<sup>th</sup> February 2014 respectively.

- ❖ “Management tactics for corporate success”-delivered by Mr. Amitabh Tapadar, VP-Marketing, TATA AIA Life Insurance, on 25<sup>th</sup> February 2014.
- ❖ “Tackling Industrial Relations issues in Industry”- delivered by Dr. Rajen Mehrotra, Non-executive independent Director, Novartis India Ltd., on 28<sup>th</sup> February 2014.

**(b) Samiksha –**

A panel discussion on “Indian FMCG on a rugged road to rural India: Challenges & Opportunities” was held on 15<sup>th</sup> February 2014. The eminent panelists for the Samiksha were:

- Mr. Somnath Das, Head Supply Chain, Marico Industries
- Mr. Mohan Abhyankar, Director, Bristlecone
- Mr. Arjun Verma, Supply Chain Director, Nivea India
- Mr. Bipin Reghunatha, COO, R K Foodland Pvt. Ltd.
- Mr. Sunit Mukharji, AVP, Supply Chain Planning, Kraft Cadbury India
- Mr. Rajat Mahajan, Director, KPMG

**(c) B-Cube –**

To give aspirants a platform and to gain knowledge about the management world and helping the students understand various verticals of management studies and the opportunities ahead in each of them, a case study competition and lectures by NITIE faculty on different industry verticals were organized on 9<sup>th</sup> February 2014. Total of 6

teams of MBA aspirants from different engineering colleges were qualified to participate in the final case study competition on the theme of “Brand positioning and warehouse location identification in India for brand Maggie of European origin”.

**(d) Marksfete 2014 –**

Annual marketing fest of NITIE was organized on 22<sup>nd</sup> February 2014. The various events such as Marks Sense Live Case Study Competition, Marketing Quiz competition and Straight talk (panel discussion) were organized, where eminent personalities were invited. The straight talk was focused on “Social Media Marketing – Redefining the marketing mix and the conventional channels of marketing”. The eminent panelists were:

Mr. Rajesh Chakrabarti, CMO & CIO, Reliance Capital

Mr. Gunjan Ghai, VP-Marketing, TATA AIG Gen. Insurance

Ms. Namrata Balwani, COO, Media2win

Mr. Kushal Sanghvi, Business Head, digital Reliance Entertainment,

Mr. Vivek Bhargava, CEO, iProspect Communicate2.

The moderator for the event was Mr. Vikas Tandon, MD, Indigo consulting.

(e) The NITIE Marketing Interest Group launched the annual Marketing Magazine called “**Market Rook**”.

**(f) Marathon on Republic Day** – Sport Committee in association with Rotract Club organized Marathon run on 26<sup>th</sup> January 2014

under the theme, “**Run in SERENITIE**” at NITIE campus.

**(g) NPL(NITIE Premier League Cricket Tournament) 4.0** - NITIE sports committee organized an annual cricket tournament from 7<sup>th</sup> February to 16<sup>th</sup> February 2014. The students from other B-School were participated as foreign players in this tournament. Total six teams participated and the team 'Punjab Warriors' won this tournament.

**(h) Rotract Week (6<sup>th</sup> March to 9<sup>th</sup> March 2014) –** The Rotract week celebration was organized with the motto of 'Empowering Lives with service'. The various events were organized to encourage and involve more and more members of NITIE community to come forward and contribute towards community service. The events like Save Electricity, Clothes collection drive, Blood donation camp & Eye pledge etc. were organized.

**(i) Zenith 3.0** – A two day consulting workshop was organized on 8<sup>th</sup> & 9<sup>th</sup> March 2014. The workshop was modeled on ZC3 certification offered by ZENeSYS Consulting, an established consulting service provider in the US market. The workshop included a session by Mr Himanshu Kothari, Director Syncore Consulting Group on **Theory of Constraints**, followed by mini case challenge by M/s Syncore Consulting Group.

**(j) Earth Hour** – Earth Hour being organized internationally on 29<sup>th</sup> March worldwide. Sustainability and You being a forum promoting sustainability at NITIE organized this event to increase awareness among students about the need to conserve electricity.

**(k) Orientation Programme 2014 – 16<sup>th</sup> June to 18<sup>th</sup> June 2014** – The Induction/Orientation programme for the Batches of 2014-16 was organized from 16-18 June 2014. All the new students were introduced to all the Faculty Members and were guided by the Director, the Deans, Course coordinators and respective Program coordinators.

**(l) SPICMACAY – (10<sup>th</sup> July 2014)** – Society for promotion of Indian Classical Music and Culture amongst Youth (SPICMACAY) is well known amongst students. The SarodVadan concert by Pandit Pradeep Barot was organized on 10<sup>th</sup> July 2014 by SPICMACAY NITIE chapter.

## HINDI IMPLEMENTATION

### HINDI WORKSHOPS

NITIE conducted four Hindi Workshops during the year 2013-14 in which about 12 Officers and 34 employees participated. Altogether 74 Hindi Workshops have been organized in the Institute.

### HINDI DAY / FORTNIGHT CELEBRATIONS

NITIE celebrated Hindi Day / Fortnight from 14<sup>th</sup> September to 30<sup>th</sup> September, 2013. Questionnaire, General Knowledge / Science, Dictation, Noting writing, Memory Power, Vocal Recital Competition, Hindi Typing, Hindi Stenography, Self written Poetry, Debate, See & Write Legibly, Essay Writing, were organised on this occasion for Faculties, Officers, Staff and Students. On 14<sup>th</sup> October, 2013 in the Valedictory function, the prizes & letters of appreciation to about 150 winners of various Hindi competitions were distributed. On this occasion, Mrs. Vidya Aversekar, Account Officer was honoured by Shawl, Shrifal, Bouquet and Appreciation Letter for Best Hindi Co-ordinator.

At the valedictory function, Chief Guest Shri Manik Munde, Jt. Commissioner, Sales Tax Department, Govt. of Maharashtra, congratulated the winners of the competitions of Hindi fortnight and appreciated to all for regular use of Hindi. He underlined that like Science, the development of religion, art & literature are absolutely essential. He recited his poetries which moved the audience emotionally.

Prof.(Ms.) Karuna Jain, Director, NITIE appreciated the Officers and the staff of the Institute for using Hindi in their work and congratulated the winners of the competitions of Hindi fortnight. She said that everybody should work loyally and wholeheartedly. The Hindi in our Institute is achieving new

milestones day by day and we have to take the Official Language at the top in the Institute. Dr. R Prem Kumar, Registrar, NITIE expressed his commitment to propagate the use of Official Language Hindi in the Institute and congratulated all the winners.

Shri Suresh Chandra Jain, Hindi Officer co-ordinated and conducted the programme successfully and appealed all to make efforts to achieve the targets of Official Language Policy. Mohd. Aftab Alam, Jr. Hindi Translator proposed vote of thanks.



*Valedictory function : On dias (R to L) Dr. R Prem Kumar, Registrar, NITIE, Prof.(Ms.) Karuna Jain, Director, NITIE, Chief Guest Shri Manik Munde, Jt. Commissioner, Sales Tax Department, Govt. of Maharashtra and Shri Suresh Chandra Jain, Hindi Officer, NITIE.*

### HINDI TYPING TRAINING

One LDC of the Institute i.e. Shri S.A.Naik have successfully completed Hindi Typing Training at Hindi Teaching Scheme, Official Language Department, Ministry for Home Affairs.

**AASHIRWAD RAJBHASHA AWARD**

NITIE Awarded with 3<sup>rd</sup> Prize of "Aashirwad Rajbhasha Award" for carrying out excellent work in Hindi for the year 2012-13 by Aashirwad, a Literary-Socio-Cultural Organisation.

Shri R L Samota, DR(A & A) and Shri Suresh Chandra Jain, Hindi Officer, NITIE received this award from Dr. Satyapal Singh, Police Commissioner of Mumbai in a special function organized on 27<sup>th</sup> September, 2013 at Doordarshan Kendra, Worli, Mumbai.

**CONFERENCE ATTENDED****Shri S.C. Jain, Hindi Officer**

Participated in 22<sup>nd</sup> "Aashirwad Rajbhasha Award" organised at Doordarshan Kendra, Worli, Mumbai on 27<sup>th</sup> September, 2013.

**Mohd. Aftab Alam, Jr. Hindi Translator**

Participated in 22<sup>nd</sup> "Aashirwad Rajbhasha Award" organised at Doordarshan Kendra, Worli, Mumbai on 27<sup>th</sup> September, 2013.

**HONOUR/PRIZE****Shri S.C. Jain, Hindi Officer**

Invited as a Special Guest and honoured by Shri Kundan Vyas, Editor of Gujarati Daily Janma Bhoomi with Shawl and Bouquet in the inaugural function of India's 1st Media Directory "Patrakarita Kosh" held on 3rd June, 2013 at University Club House, Churchgate organized by Hindi Deptt., University of Mumbai.

**Mrs. Smita Patil, Sr. Supdt.**

Honoured with "Aashirwad Rajbhasha Award" for carrying out excellent work in Official Language

Hindi in the Institute. She was awarded with Shawl, Bouquet and Memento in a Special Programme organised by Aashirwad at Doordarshan Kendra, Worli, Mumbai on 27<sup>th</sup> September, 2013.

Photo Caption : Mrs. Smita Patil, Sr. Supdt., NITIE receiving the Aashirwad Rajbhasha Award.

**Mohd. Aftab Alam, Jr. Hindi Translator**

(i) Honoured by "Best Editor's Award" for carrying out excellent writing work in Hindi Literature and editing of India's 1st Media Directory "Patrakarita Kosh" for the last 13 years by Kalyanji Dance Academy and Darshanik Mumbai Newspaper at Ekta Suwarna Award Programme-2013 on 20th April, 2013 at Prabhodhankar Thakare Natya Mandir, Borivali(West). Several Eminent personalities of Literature, Journalism, Film & Tv house were present on this occasion.

(ii) Hounoured by "Patrakarita Gaurav Samman" by Viklang Ki Pukar Newspaper for appearing his name in "Limca Book of Record" for editing India's 1st Media Directory in Hindi named "Patrakarita Kosh" consists of 950 pages for the last 13 years. Dr. Naresh Chandra, Pro Vice-Chancellor, University of Mumbai honoured him with Memento, Shawl and Bouquet in a programme on 3rd June, 2013 at University Club House, Churchgate.

(iii) Honoured with "Rashtriya Ekatmata Award-2013" for carrying out excellent writing work in Hindi Literature & Journalism by Maharashtra Lok Kalyankari Seva Sanstha on the occasion of Annual Day Programme. Dr. Qasim Imam, reknowned Urdu Literator honoured him with Memento and Bouquet in the presence of Shamsheer Pathan, Ex Joint Police Commissioner of Mumbai on 25<sup>th</sup> August, 2013 at Karnataka Hall, New Panvel, Navi Mumbai.

## NITIE ALUMNI ASSOCIATION

### A. Annual General Body Meeting:

NITIE Alumni Association organized 29<sup>th</sup> Annual General Body Meeting on 16<sup>th</sup> November, 2013, at NITIE, Mumbai. The members discussed about the various activities of NAA and also shared their views. Annual Statement of Account for the year 2012-2013 was passed by the members.

Following is the list of Executive Committee Members for year 2012-2013

President : Prof. (Ms.) Karuna Jain,  
Director, NITIE.

Chairman : Mr. Dev Bhattacharya

Vice-Chairman (PGP) : Mr. D. Amarendra

Vice-Chairman (MDP) : Dr. P.R. Kondekar

Hon. Secretary : Prof. Ashok K Pundir,  
Dean (Student Affairs &  
Placement)

Hon. Treasurer : Mr. R.L. Samota,  
Registrar, NITIE & DR  
(A&A)

### Zonal Representative:

West Zone (PGP) : Mr. Himanshu Maloo

West Zone (MDP) : Mr. K.A. Kokare

East Zone (PGP) : Mr. Debkumar Guha

East Zone (MDP) : -

North Zone (PGP) : Mr. Sameer Kaystha

North Zone (MDP) : -

South Zone (PGP) : Mr. Rahul Biswari

South Zone (MDP) : -

### Co-opted Members:

1. Prof. (Ms.) Sumi Jha
2. Mr. Sunil Shah - USA
3. Mr. Jayant Kumar – Middle East
4. Mr. Vinod Kumar – South East Asia
5. Mr. Kishore kulkarni

The Annual General Body Meeting was attended by 63 members of NAA, NITIE Faculty members and students representatives.

### B. Alumni Activities:

#### 1. Felicitation:

- a). Distinguished Alumnus Awards is instituted for the outstanding alumni. During the year 2013, Golden Jubilee Distinguished Alumni Award was given to Dr. Rakesh Agrawal and Distinguished Alumni Award was given to Dr. Rakesh K Shina, Mr. S. Balakrishna, Dr. Kanak M Madrecha, Mr. Devjyoti Bhattacharya, Mr. K. Subramanian on Annual Alumni Meet, Sansmaran, 13 on 16<sup>th</sup> November, 2013.
- b). During Golden Jubilee Alumni Meet, It was decided to organize felicitation for PGP, Fellow and MDP participants as follows:
  - a) Distinguished Alumnus Awards

- 
- b) 40 years completion (PGDIE-1 batch) (1971-73)
  - c) Silver Jubilee Batch-PGDIE-17 batch (1987-88)
  - d) 10 years completion (Completion Year-2003)
    - i) PGDIE-18<sup>th</sup> to 31<sup>st</sup> batches: completion year 1989-2003,
    - ii) PGDIM-1<sup>st</sup> to 8<sup>th</sup> batches: completion year 1996 to 2003:
    - iii) PGDISEM 1st batch: completion year 2003
    - iv) Fellow: completion year 2003
    - v) MDP: completion year 2003
  - 2. NITIE Journal (Udyog Pragati and NITIE News) is circulated to our all alumni members.
  - 3. Regional Alumni Meets at Various cities like Bangalore, Delhi, Mumbai, Chennai etc is Organized every year.
  - 4. Interaction with Alumni through Alumni website ([www.nitiealumni.org](http://www.nitiealumni.org)) and networking sites like yahoo group, Google group, linked in, face book.
  - 5. Involving Alumni in institute administration as Members of Board of Governors and Academic Council of NITIE.
  - 6. Explore the opportunities for project and placements for the current students through Alumni in their Organizations.
  - 7. Organize periodical guest lecturers of Alumni and interaction with students to develop their Knowledge base.
  - 8. Prof.(Ms.) Karuna Jain, Director, NITIE released "AlumNiti" the alumni magazine on 16<sup>th</sup> November, 2013 at the Annual Meet "Sansmaran-2013.
  - 9. Nominated Regional Alumni Convenor and Co-convenor in various cities for coordinating activities at regional level.
  - 10. Contribution received from alumni members for the year 2013-14 Rs. 11,99,001.00
    - a). NITIE Souvenir shop -NOSTALGIA is opened in the Campus by NITIE Alumni Association to cater to the need of Alumni and others.
    - b). Membership Position:  
Total Membership: 6326  
PGPs: 4180 MDPs: 2146



## CULTURAL & WELFARE ACTIVITIES

### REPUBLIC DAY CELEBRATION:

Republic Day was celebrated at NITIE on 26th January, 2014. Prof. (Ms.) Karuna Jain, Director, hoisted the National Flag and addressed the gathering. In her address she appealed her colleagues and students to strengthen her hands to take this Institute at optimum heights. Celebration was concluded by distributing Sweets to the children.



### NITIE OFFICERS/STAFF CLUB/SOCIETY

NITIE Employees' Co-Op. Credit Society Ltd., organized Training Program for NITIEiens and Other Society Members on 7th December 2013.

NITIE Society is working for the well being of NITIE Employees including their financial sustainability since it's inception 1973. NITIE Society had organized training program on "Amendments to Co-op. Society Act 97 and Arbitration Act and 200 points Audit Report and Insights on Co-operative Management" in NITIE Auditorium for members of the Society. NITIE employees, and representatives of various salary earners co-operative societies like, IIT-B, Postal & Telegraph, Mahananda, Sommaiyya College, SNDT University, NMIMS University, L&T, Mathadi Kamgar etc. participated in the program. The program initiated with Deep Prajwalan and garlanding flowers to Chh. Shivaji Maharaj & Dr. B R Ambedkar's photographs. The Registrar, Dr. R Premkumar felicitated Hon. Mr. Satyawan Deshmukh, Chairman, Mumbai-Konkan Salary Earners' Co-Op. Credit Society Federation and Hon. Shri Prakash Shirwadkar, Vice-Chairman, Mumbai Bank and Mr. Prakash Shelatkar, Vice Chairman of the Federation.



*Dr. R. Premkumar, Registrar NITIE with other dignitaries  
Mr. Prakash Shirwadkar, Vice- Chairman, Mumbai Bank,  
Mr. Satyawan Deshmukh, President, Mumbai - Konkan Salary  
Earners' Society Federation & Prakash Shelatkar, Secretary  
Dr. R. Premkumar, Registrar NITIE with other dignitaries  
Mr. Prakash Shirwadkar, Vice- Chairman, Mumbai Bank,  
Mr. Bajirao Nikam, Vice Chairman, NECCSL  
inaugurating the Workshop*

### Institute Day Celebrations

This year marked 50 glorious years of NITIE's journey. Amidst these Golden Jubilee celebrations, NITIE celebrated its first-ever Institute Day on April 15, 2014, in the august presence of Chief Guest Prof. Damodar Acharya and Guests of Honour Prof. Ashok Misra, Former Acting Director, NITIE and Shri Yogendra Tripathi, J.S. MHRD.

Prof. Karuna Jain, Director, NITIE, reiterating the learning NITIE had in the last 50 years, accentuated on the institutional need of retaining its status of institute of national importance and make its presence felt globally. Congratulating on this auspicious day, Shri Gautam Thapar, Chairman BoG, NITIE stressed on involvement of all NITIE fraternity working in different capacities for an overall institutional growth.

### Highlights of the event:

- Prof. Karuna Jain, Director, NITIE performed 'Bhoomi Pooja' for the proposed Residential Building.
- Shri Yogendra Tripathi laid the foundation stone for the proposed Multipurpose Complex.
- Prof. Damodar Acharya released the prize-winning Institute Song written by Shri S.C.Jain.
- Prof. Ashok Misra launched the new Website of NITIE.
- Shri Gautam Thapar, Chairman, NITIE Board of Governors, released new Documentary Film on NITIE.

- Sports activities were conducted under the guidance of Prof. Sanjeev Verma and Prof. Nikhil Mehta.
- NITIE employees and students organized a Cultural Programme for the celebration.
- Prof. Karuna Jain gave away the prizes to all the winners of Sports and other competitions conducted.
- Awards were also presented to employees in different categories.



### CHHATRAPATI SHIVAJI MAHARAJ JAYANTI CELEBRATION – 2013

Chhatrapati Shivaji Maharaj Jayanti 2013 was celebrated in NITIE with great traditional forever.



Speaking on the function, Chief guest Dr. Sachidanand Shevde envisaged the strategies and tactics of Shri Chhatrapati Shivaji Maharaj which inspired all of us. Prof. Sachin Kamble, presided over the function. Prizes were distributed to the winners during the function for the sports competition organized for the celebration.

Shri Shashi Parab proposed vote of thanks to all.

### BHARAT RATNA DR. B. R. AMBEDKAR JAYANTI CELEBRATION – 2013

Bharatratna Dr. Babasaheb Ambedkar Jayanti celebrated on 15th April 2013. Shri Siddharth More, Education Officer, Bruhan Mumbai Municipal Corporation, Mumbai was the Chief Guest of the celebration function. He said it is dismay that we have not understood the



real lessons of Dr. Babasaheb Ambedkar he wanted to give the entire Indian fraternity. We have very petite view about him as a Dalit Leader. His contribution in various fields of humanity sciences and sacrifices made for the nation is still fully unknown to us. If we can adopt one dimension of his personality can lead follower to great altitude. Dr. Amitabha De, Director, NITIE expressed his pleasure and appreciated the NITIE Community for celebration of Jayantis of these two great souls.

**ANNUAL ACCOUNTS****Government Grants from the Ministry of Human Resource Development**

During the year 2013-14, the MHRD sanctioned a total sum of Rs. **2669.00** lakhs as Grant-in-Aid (Rs. **2669.00** lakhs for Non-Plan and Rs. **NIL** for Plan). There was also a carry over of unspent balance for Rs. **2316.12** lakhs from the Financial Year 2012-13 from plan fund. During the year 2013-14, the Institute earned a revenue of Rs. **3214.46** lakhs.

Out of the above revenue, a sum of Rs. **5883.46** lakhs was spent under Recurring expenditure which comprises of Rs. **2429.43** lakhs for salaries and Rs. **3454.03** lakhs for other running expenditure. The Institute also spent a sum of Rs. **827.35** lakhs under Non-Recurring heads and Rs. **163.87** lakhs under Recurring heads. Hence the total expenditure works out of Rs. **6874.68** lakhs. An amount of Rs. **NIL** under Non Plan Grant and Rs. **1324.90** lakhs towards Plan Grant is available for carry forward to next financial year 2014-15.

**New Plan Scheme Projects**

Under the New Plan Scheme Projects, there was a carry over of Rs. **11.13** lakhs from the year 2012-13. A Grant-in-Aid of Rs. **NIL** lakhs has been received during the year 2013-14. There was an Income of Rs. **1.14** lakhs during the year 2013-14.

In all a sum of Rs. **12.27** lakhs was available under New Plan Scheme Projects for the year 2013-14. Out of the above, a sum of Rs. **NIL** was spent under Recurring heads. Hence, the unspent balance of Rs. **12.27** lakhs is carried over to the year 2014-15.

**Sponsored Projects**

Under the Sponsored Projects, a sum of Rs. **9.06** lakhs was available as carry over from 2012-13 and Rs. **0.23** lakhs as income including the Grant during the year 2013-14 totaling Rs. **9.29** lakhs. Out of the above, a sum of Rs. **0.36** lakhs was spent under Recurring Expenditure. The balance of Rs. **8.93** lakhs is carried over to the year 2014-15.

**BC/PA/AA**

Under BC-PA-AA Account, a sum of Rs. **318.15** lakhs was available as carry over from 2012-13. During the year 2013-14, the Institute earned a sum of Rs. **162.97** lakhs. Hence, the total income available during the year 2013-14 was Rs. **481.12** lakhs. Out of this, a sum of Rs. **161.28** lakhs was spent under Recurring expenditure. The unspent balance of Rs. **319.84** lakhs is carried over to the year 2014-15.

Abridged Annual Accounts figures are given in the following pages:

**ANNUAL ACCOUNTS  
FUND FLOW FOR THE YEAR 2013-2014**

(₹ in Lakhs)

| Name of the Scheme/Programme              | Opening<br>Balance | Grant received<br>during the year | Expenditure<br>during the year | Unspent<br>Balance C/F |
|---|--------------------|-----------------------------------|--------------------------------|------------------------|
| <b>1. Non-Plan</b>                        |                    |                                   |                                |                        |
| Grant-in-Aid                              | 0.00               | 2669.00                           |                                | 0.00                   |
| Institute Income                          | 0.00               | 3214.46                           |                                | 0.00                   |
| Expenditure : Recurring                   | 0.00               |                                   | 5883.46                        | 0.00                   |
| Unspent balance C/F                       | 0.00               |                                   |                                | 0.00                   |
| <b>Total</b>                              | <b>0.00</b>        | <b>5883.46</b>                    | <b>5883.46</b>                 | <b>0.00</b>            |
| <b>2. Plan</b>                            |                    |                                   |                                |                        |
| Grant-in-Aid                              | 2316.12            | 0.00                              |                                |                        |
| Expenditure : Recurring                   |                    |                                   | 163.87                         |                        |
| Non-Recurring                             |                    |                                   | 827.35                         |                        |
| Unspent balance C/F                       |                    |                                   |                                | 1324.90                |
| <b>Total</b>                              | <b>2316.12</b>     | <b>0.00</b>                       | <b>991.22</b>                  | <b>1324.90</b>         |
| <b>3. New Plan Scheme</b>                 |                    |                                   |                                |                        |
| Grant-in-Aid                              | 11.13              | 0.00                              |                                |                        |
| Income :                                  |                    | 1.14                              |                                |                        |
| Expenditure : Recurring                   |                    |                                   | 0.00                           |                        |
| Non-Recurring                             |                    |                                   |                                | 12.27                  |
| Unspent balance C/F                       |                    |                                   |                                |                        |
| <b>Total</b>                              | <b>11.13</b>       | <b>1.14</b>                       | <b>0.00</b>                    | <b>12.27</b>           |
| <b>4. Sponsored Projects (TIFAC-Core)</b> |                    |                                   |                                |                        |
| Income :                                  | 9.06               | 0.23                              |                                |                        |
| Income: Non-Recurring                     |                    |                                   |                                |                        |
| Expenditure : Recurring                   |                    |                                   | 0.36                           |                        |
| Non-Recurring                             |                    |                                   | 0.00                           | 8.93                   |
| Unspent balance C/F                       |                    |                                   |                                |                        |
| <b>Total</b>                              | <b>9.06</b>        | <b>0.23</b>                       | <b>0.36</b>                    | <b>8.93</b>            |
| <b>5. BC-PA-AA</b>                        |                    |                                   |                                |                        |
| Institute Income                          | 318.15             | 162.97                            |                                |                        |
| Non-Recurring (Write Back)                |                    |                                   |                                |                        |
| Expenditure : Recurring                   |                    |                                   | 161.28                         |                        |
| Non-Recurring                             |                    |                                   |                                | 319.84                 |
| Unspent balance C/F                       |                    |                                   |                                |                        |
| <b>Total</b>                              | <b>318.15</b>      | <b>162.97</b>                     | <b>161.28</b>                  | <b>319.84</b>          |

## GRANT-IN-AID RECEIVED AND EXPENDITURE INCURRED FOR THE YEAR 2013-2014

(₹ in Lakhs)

| Expenditure  |                |                | Income   |                |                |
|--|----------------|----------------|--|----------------|----------------|
| (I) GENERAL  |                |                |  |                |                |
|  | 2013-14        | 2012-13        |  | 2013-14        | 2012-13        |
| (a) <b>Establishment Charges</b><br>Salaries to Academic / Non Academic staff Institute's contribution to CPF/Retirement benefits etc.           | 2429.43        | 2043.47        | (a) <b>Grant-in-Aid</b><br>(Received for Recurring & Non Recurring expenses during the year.   | 2669.00        | 3956.67        |
|  |                |                | (b) <b>Academic Income</b><br>Tuition Fees<br>Hostel Charges   | 1725.06        | 1444.54        |
|  |                |                | (c) <b>Short Term Courses</b><br>MDP/UBP, Seminars & conferences, Consultancies, Part Time Courses etc.  | 74.74          | 90.35          |
| (b) <b>Other Expenses</b><br>Special Repairs, Scholarships, Maintenance & Repairs, TA, Vehicles, Entertainment, P&T,etc. including Non-Recurring | 2129.13        | 2527.71        | (d) <b>Other Income</b><br>Licence Fee for Qtrs., Interest, Sale of application forms, R/O Elect. & Water charges, sales of bus coupons, hire charges of vehicles & Misc.income etc. | 1414.66        | 1395.74        |
| (c) Unspent Grant-in Aid (Plan) carried over to Balance Sheet  | 1324.90        | 2316.12        |  |                |                |
| Unspent Grant-in Aid (Plan)  | 0              | 0              |  |                |                |
| <b>Sub Total (General Account) I</b>   | <b>5883.46</b> | <b>6887.30</b> | <b>Sub Total (General Account)</b>   | <b>5883.46</b> | <b>6887.30</b> |
| (II) NEW PLAN SCHEMES (NPS)  |                |                |  |                |                |
| (a) Expenses on Salaries, TA/DA  | 0.00           | 0.00           | (a) Grant-in-Aid for Recurring including Opening Balance   | 11.13          | 10.02          |
| (b) Miscellaneous Expenses, etc.   | 0.00           | 0.02           | (b) Other Income   | 1.14           | 1.11           |
| Excess of Income c/fd to B/S   | 12.27          | 11.11          |  |                |                |
| <b>Sub Total (NPS Account) - II</b>  | <b>12.27</b>   | <b>11.13</b>   | <b>Sub Total (NPS Account) - II</b>  | <b>12.27</b>   | <b>11.13</b>   |
| (III) NEW PLAN SCHEMES SPONSORED PROJECT (TIFAC CORE)  |                |                |  |                |                |
| (a) Expenses on Salaries, TA/DA  | 0.36           | 0.80           | (a) Grant-in-Aid for Recurring including Opening Balance   | 9.06           | 8.44           |
| (b) Miscellaneous Expenses, etc.   |                |                | (b) Other Income   | 0.23           | 1.42           |
| Excess of Income c/fd to B/S   | 8.93           | 9.06           |  |                |                |
| <b>Sub Total (NPS Account) - II</b>  | <b>9.29</b>    | <b>9.86</b>    | <b>Sub Total (NPS Account) - II</b>  | <b>9.29</b>    | <b>9.86</b>    |
| (IV) BCPAAA  |                |                |  |                |                |
| (a) Exp.on Catering, M&R to F&F, Misc.Exp., & Cont.to NAA/BCPAAA   | 161.27         | 76.21          | (a) Income during the year including Opening Balance from Pre_Year   | 481.12         | 394.36         |
| (b) Excess of Income carried over to Balance Sheet   | 319.85         | 318.15         |  |                |                |
| <b>Sub Total (BC-PA-AA) -III</b>   | <b>481.12</b>  | <b>394.36</b>  | <b>Sub Total (BC-PA-AA) - III</b>  | <b>481.12</b>  | <b>394.36</b>  |
| <b>Grand Total (I+II+III)</b>  | <b>6386.14</b> | <b>7302.65</b> | <b>Grand Total (I+II+III)</b>  | <b>6386.14</b> | <b>7302.65</b> |

**BALANCE SHEET  
FOR THE YEAR ENDING 31<sup>ST</sup> MARCH, 2014**

(₹ in Lakhs)

| Liabilities   |                 |                 | Assets   |                 |                 |
|---|-----------------|-----------------|--|-----------------|-----------------|
|   | 2013-14         | 2012-13         |  | 2013-14         | 2012-13         |
| <b>(a) Capital Fund</b>   |                 |                 | <b>(a) Works &amp; Buildings</b>   |                 |                 |
| 1) Government Grant   | 3827.58         | 3827.58         | 1) Government Grant  | 695.52          | 732.13          |
| 2) New Plan Scheme (NPS)  | 17.97           | 24.37           | 2) New Plan Scheme (NPS)   | 2.57            | 2.57            |
| 3) BC-PA-AA Account   | 97.11           | 112.33          | 3) BC-PA-AA Account  | 42.18           | 44.40           |
| 4) Loans & Advances   | 146.45          | 140.97          |  |                 |                 |
| <b>(b) Capital Reserve and Surplus/Earmarked fund</b>             |                 |                 | <b>(b) Other Capital Heads</b>   |                 |                 |
| 1) Government Grant   | 11018.96        | 12108.61        | (Equipments, Furnitures & Fixtures, Books & Journals Vehicles, etc.)   |                 |                 |
| 2) New Plan Scheme (NPS)  | 12.27           | 11.13           | 1) Government Grant  | 9553.06         | 9106.41         |
| 3) BC-PA-AA Account   | 319.84          | 318.15          | 2) New Plan Scheme (NPS)   | 15.40           | 21.81           |
|   |                 |                 | 3) BC-PA-AA Account  | 30.66           | 26.97           |
| <b>(c) Sundry Liabilities</b>                                     |                 |                 | <b>(c) Floating Assets</b>   |                 |                 |
| (Sundry Creditors, Fund A/c, Deposit & Adv., payable Sundry, etc) |                 |                 | (Stock A/c, Sundry Debtors, Accrued Interest, Loans & Advances, Temp. Advances, Pre-paid Exp., Investments, Sundry Assets, Transfer of Fund, etc.) |                 |                 |
| 1) Government Grant   | 3600.00         | 3804.31         | 1) Government Grant  | 7069.33         | 9624.10         |
| 2) New Plan Scheme (NPS)  | 0.00            | 0.00            | 2) New Plan Scheme (NPS)   | 9.12            | 8.98            |
| 3) BC-PA-AA Account   | 38.97           | 32.57           | 3) BC-PA-AA Account  | 250.86          | 369.13          |
|   |                 |                 | <b>(d) Cash &amp; Bank Balances</b>  |                 |                 |
|   |                 |                 | 1) Government Grant  | 1275.08         | 418.83          |
|   |                 |                 | 2) New Plan Scheme (NPS)   | 3.15            | 2.14            |
|   |                 |                 | 3) BC-PA-AA Account  | 132.22          | 22.55           |
| <b>Grand Total (I+II+III)</b>                                     | <b>19079.15</b> | <b>20380.02</b> | <b>Grand Total (I+II+III)</b>  | <b>19079.15</b> | <b>20380.02</b> |

Appendix to the Annual Statement of the Accounts of the Institute - Extracts in form GFR - 19 regarding assets of permanent value and machinery and equipment having a life of not less than 5 years and costing Rs. 10,000/- and above (each item)

**FORM GFR - 19**

- 1 Name of the Grantee Institution : NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING
- 2 Brief purpose of the grant : FOR INFRASTRUCTURAL FACILITIES
- 3 Whether any condition regarding the right : YES. OWENERSHIP VESTS WITH THE GOVT. of ownership of Govt. in the property or other assets acquired out of the grant was incorporated in the grant in aid sanction.
- 4 Purpose for which utilized at present : FOR ACQUIRING EQUIPMENT
- 5 Encumbered or not : N.A
- 6 Reason if encumbered : N.A
- 7 Reason and authority if any for disposal : OBSOLETE

| A       | B                        | C                      | D  | E                        | F        | G                         | H                                     |
|---------|--------------------------|------------------------|--|--------------------------|----------|---------------------------|---------------------------------------|
| Sr. No. | No. and date of Sanction | Amt. of the San. Grant | Particulars of Assets credited or acquired | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks                               |
| 1       | 26.03.1967               | 35431.00               | LATHE MACHINE                              |                          | 35431.00 | 210000.00                 | T2895/10.03.95<br>(for various items) |
| 2       | 16.06.1971               | 20506.00               | FILMS                                      | 20506.00                 |          |                           |                                       |
| 3       | 31.01.1973               | 17024.00               | COPYING MACHINE                            |                          | 17024.00 | 55000.00                  | M9381/29.05.91<br>(for various items) |
| 4       | 10.07.1973               | 12297.00               | FILMS                                      | 12297.00                 |          |                           |                                       |
| 5       | 29.10.1975               | 15249.00               | EXPIROGRAPH                                | 8102.00                  |          |                           |                                       |
| 6       | 03.11.1971               | 24600.00               | DESK CALCULATOR                            |                          | 24600.00 | 10000.00                  | M3146/30.12.85                        |
| 7       | 19.11.1971               | 35986.00               | PRINTING CARD PUNCH MACHINE                |                          | 35986.00 | 30333.00                  | M6123/10.07.90<br>(for various items) |
| 8       | 19.03.1975               | 71482.28               | IBM MACHINE PUNCH CARD                     |                          | 71482.28 |                           | M6123/10.07.90                        |
| 9       | 22.11.1975               | 35082.18               | BRADMA MACHINE                             |                          | 35082.18 | 11700.00                  | T4654/13.07.92<br>(for various items) |
| 10      | 22.12.1975               | 28315.53               | VERIFIER MACHINE,KO                        |                          | 28315.53 |                           | M6123/10.07.90                        |
| 11      | 22.12.1975               | 56186.24               | IBM COLLATOR MACHINE                       |                          | 56186.24 |                           | M3146/30.12.85                        |
| 12      | 22.12.1975               | 32316.00               | IBM SORTER MACHINE                         |                          | 32316.00 |                           | M3146/30.12.85                        |
| 13      | 22.12.1975               | 69040.88               | REPRODUCEIKED PUNCH                        |                          | 69040.88 |                           | M3146/30.12.85                        |
| 14      | 13.03.1976               | 25200.00               | KORESTAT COPIER                            |                          | 25200.00 |                           | T4654/13.07.92                        |
| 15      | 24.03.1976               | 74549.00               | AIRCONDITIONER                             | 74549.00                 |          |                           |                                       |
| 16      | 02.08.1976               | 12518.00               | SDIAL SNAPGAUGE                            | 12518.00                 |          |                           |                                       |
| 17      | 23.08.1976               | 17600.00               | SHAPPING MACHINE                           | 17600.00                 |          |                           |                                       |
| 18      | 16.09.1976               | 15136.00               | UNIVERSAL WOOD WORKIND MACHINE             | 15136.00                 |          |                           |                                       |

Contd....



Contd....

| A       | B                        | C                      | D  | E                        | F        | G                         | H                                     |
|---------|--------------------------|------------------------|--|--------------------------|----------|---------------------------|---------------------------------------|
| Sr. No. | No. and date of Sanction | Amt. of the San. Grant | Particulars of Assets credited or acquired | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks                               |
| 19      | 01.03.1977               | 21297.78               | LATHE MACHINE                              |                          | 21297.78 | 154000.00                 | T0476/05.11.92                        |
| 20      | 21.03.1977               | 27641.60               | 35 MM PROJECTOR                            |                          | 27641.60 | 500.00                    | M0811/12.05.98<br>(for various items) |
| 21      | 06.06.1977               | 44844.80               | MICRO SYSTEM                               |                          | 44844.80 |                           | M6123/10.07.90                        |
| 22      | 28.03.1978               | 12767.00               | DUPLICATING M/C                            | 12767.00                 |          |                           |                                       |
| 23      | 29.03.1978               | 15505.68               | PHOTO COPYING EQUIPMENT                    |                          | 15505.68 |                           | M9381/29.05.91                        |
| 24      | 10.02.1978               | 48124.00               | UNIVERSAL MILLING MACHINE                  | 48124.00                 |          |                           |                                       |
| 25      | 10.03.1979               | 14811.10               | FILMS                                      |                          | 14811.10 |                           |                                       |
| 26      | 23.06.1978               | 21229.00               | AIRCONDITIONER                             | 21229.00                 |          |                           |                                       |
| 27      | 17.08.1978               | 19575.00               | MICRO METER                                | 19575.00                 |          |                           |                                       |
| 8       | 22.09.1978               | 16170.00               | DIGITAL LOAD METER                         |                          | 16170.00 | 7101.00                   | 0672/30.04.98<br>(for various items)  |
| 29      | 23.02.1979               | 47537.00               | MOSIC CHARACTER PRINTER                    | 47537.00                 |          |                           |                                       |
| 30      | 07.11.1979               | 14169.44               | ASCILLOSCOPE                               |                          | 14169.44 |                           | 0672/30.04.98                         |
| 31      | 11.01.1980               | 19830.00               | FILMS                                      |                          | 19830.00 |                           |                                       |
| 32      | 11.03.1980               | 29953.97               | LATHE MACHINE                              |                          | 29953.97 | 15500.00                  | 0552/10.02.95<br>(for various items)  |
| 33      | 20.03.1980               | 17515.00               | FILMS                                      |                          | 17515.00 |                           |                                       |
| 34      | 08.08.1979               | 22194.00               | WATER COOLER                               | 22194.00                 |          |                           |                                       |
| 35      | 14.06.1979               | 20428.00               | SAM RATING FILMS                           | 20428.00                 |          |                           |                                       |
| 36      | 19.10.1979               | 41314.00               | SOUND LEVEL METER                          | 41314.00                 |          |                           |                                       |
| 37      | 11.03.1980               | 42941.00               | SPARY WELL SPARY BOOTH                     | 42941.00                 |          |                           |                                       |
| 38      | 13.10.1980               | 95206.00               | FILMS                                      |                          | 95206.00 |                           |                                       |
| 39      | 11.06.1980               | 36082.00               | TIREADMIL                                  | 36082.00                 |          |                           |                                       |
| 40      | 02.03.1981               | 19880.00               | SAW MACHINE                                | 19880.00                 |          |                           |                                       |
| 41      | 20.03.1981               | 19880.00               | WATER COOLER                               | 19880.00                 |          |                           |                                       |
| 42      | 17.07.1981               | 13722.00               | FILMS                                      |                          | 13722.00 |                           |                                       |
| 43      | 17.11.1981               | 43675.20               | OMINI SCRIBE SERIES                        |                          | 43675.20 |                           | 0672/30.04.98                         |
| 44      | 05.03.1982               | 30714.00               | RESPIRATION GASMETER                       | 30714.00                 |          |                           |                                       |
| 45      | 30.03.1981               | 58114.80               | TOOL & CUTTER GRINDER                      |                          | 58114.80 |                           | T0476/05.11.92                        |
| 46      | 16.04.1981               | 126492.00              | RATE MEASURING SYSTEM                      | 126492.00                |          |                           |                                       |
| 47      | 06.01.1981               | 17037.00               | DUPLICATOR                                 | 17037.00                 |          |                           |                                       |
| 48      | 09.11.1981               | 52013.00               | OXYGEN ANALIZER                            | 52013.00                 |          |                           |                                       |
| 49      | 10.11.1982               | 34832.00               | SPIROMETER                                 | 34832.00                 |          |                           |                                       |
| 50      | 29.03.1984               | 28374.00               | ELECTRONIC TYPWRITER                       |                          | 28374.00 | 1000.00                   | 0811/12.05.98                         |
| 51      | 12.07.1984               | 69317.00               | AIRCONDITIONER                             | 69317.00                 |          |                           |                                       |
| 52      | 13.01.1986               | 34650.00               | ELECTRONIC TYPWRITER                       |                          | 34650.00 | 1000.00                   | 0811/12.05.98                         |
| 53      | 12.02.1986               | 15895.00               | PAPER CUTTING MACHINE                      | 15895.00                 |          |                           |                                       |
| 54      | 20.01.1986               | 10409.00               | TRAINER KIT + PROCESSOR                    | 10409.00                 |          |                           |                                       |

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| 55      | 06.02.1986               | 19998.00               | COLOVRED SLIDE                             | 19998.00                 |          |                           |                |
| 56      | 25.02.1986               | 10806.00               | PAPER COLLECTOR MACHINE                    | 10806.00                 |          |                           |                |
| 57      | 27.07.1986               | 27600.00               | PHOTOPHONE PROJECTOR                       |                          | 27600.00 |                           |                |
| 58      | 31.07.1986               | 22099.00               | AUDIO METER                                | 22099.00                 |          |                           |                |
| 59      | 24.11.1986               | 25070.00               | PROTABLE LIGHT                             | 25070.00                 |          |                           |                |
| 60      | 16.04.1987               | 68500.00               | PHOTO COPIER                               | -                        | 68500.00 |                           |                |
| 61      | 30.04.1987               | 29825.00               | COPYING MACHINE                            | 29825.00                 | 1250.00  |                           | 344/20/07/2001 |
| 62      | 31.03.1988               | 28580.00               | TELEVISION & VCR                           | 28580.00                 |          |                           |                |
| 63      | 05.05.1988               | 42460.00               | AIRCONDITIONER                             | 42460.00                 |          |                           |                |
| 64      | 21.06.1988               | 48455.00               | REGULATER                                  | 48455.00                 |          |                           |                |
| 65      | 01.09.1989               | 83172.00               | WATER STORAGE HEATER                       | 83172.00                 |          |                           |                |
| 66      | 21.07.1989               | 14710.00               | TV COLOUR - ONIDA                          | -                        | 14710.00 |                           | 0672/30.04.9   |
| 67      | 22.07.1989               | 21300.00               | STEREO                                     | 21300.00                 |          |                           |                |
| 68      | 01.11.1989               | 12300.00               | TV COLOUR - VIDEOCON                       | -                        | 12300.00 | 1000.00                   | 0811/12.05.98  |
| 69      | 01.11.1989               | 55200.00               | VIDEOCON VCR                               | 55200.00                 |          |                           |                |
| 70      | 01.08.1989               | 10557.00               | WATER STORAGE                              | 10557.00                 |          |                           |                |
| 71      | 17.10.1989               | 80631.00               | VOLTAGE REGULATER                          | 80631.00                 |          |                           |                |
| 72      | 17.03.1990               | 22600.00               | SWITCH FOR PRINTER                         | 22600.00                 |          |                           |                |
| 73      | 28.12.1990               | 19509.00               | ELECTRO CARDREGRAPH                        | 19509.00                 |          |                           |                |
| 74      | 23.03.1991               | 62044.00               | UPS SYSTEM                                 | 62044.00                 |          |                           |                |
| 75      | 30.03.1989               | 65265.00               | DENTAL UNIT                                | 65265.00                 |          |                           |                |
| 76      | 29.06.1990               | 55373.00               | VOLTAGE REGULATOR                          | 46000.00                 |          |                           |                |
| 77      | 25.08.1990               | 272390.00              | COPYING MACHINE                            | 272390.00                |          |                           |                |
| 78      | 09.11.1990               | 20100.00               | PAPER SHREDDER                             | -                        | 20100.00 |                           |                |
| 79      | 29.03.1991               | 136195.00              | COPIER                                     | 136195.00                |          |                           |                |
| 80      | 17.02.1992               | 22452.00               | WATER PURIFIER                             | 22452.00                 |          |                           |                |
| 81      | 02.10.1991               | 58230.00               | PUMP SET                                   | 58230.00                 |          |                           |                |
| 82      | 29.04.1991               | 10800.00               | PRINTER SWITCH                             | 10800.00                 |          |                           |                |
| 83      | 29.08.1992               | 18618.00               | OHP  | 27756.00                 |          |                           |                |
| 84      | 14.05.1992               | 13000.00               | THEMAPS                                    | 13000.00                 |          |                           |                |
| 85      | 16.12.1992               | 23500.00               | FOXBASE VER 2.1                            | 23500.00                 |          |                           |                |
| 86      | 30.03.1993               | 22942.00               | OHP  | 22942.00                 |          |                           |                |
| 87      | 04.06.1993               | 53240.00               | VOLTAGE STABILISER                         | 53240.00                 |          |                           |                |
| 88      | 18.01.1994               | 58950.00               | DBASE IV UNIX SCHOLAR                      | 58950.00                 |          |                           |                |
| 89      | 21.03.1994               | 28978.00               | TYPEWRITER                                 | 28978.00                 |          |                           |                |
| 90      | 31.03.1995               | 120197.00              | UPS SYSTEM                                 | 120197.00                |          |                           |                |
| 91      | 10.03.1995               | 24455.00               | EMCATA AUDITOR EQUIP.                      | 86690.00                 |          |                           |                |
| 92      | 16.08.1994               | 37290.00               | HEALTH CLUB EQUIPMET                       | 37290.00                 |          |                           |                |

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| 93      | 19.01.1995               | 58736.00               | SUBMERSIBLE PUMPSET                        | 58736.00                 |           |                           |         |
| 94      | 12.09.1995               | 173454.00              | EPABX / BPL SYSTEMS                        | 173454.00                |           |                           |         |
| 95      | 14.10.1995               | 483450.00              | EPABX / BPL SYSTEMS                        | 483450.00                |           |                           |         |
| 96      | 02.11.1995               | 247535.00              | EPABX / BPL SYSTEMS                        | 247535.00                |           |                           |         |
| 97      | 09.03.1996               | 21835.00               | EPABX / BPL SYSTEMS                        | 21835.00                 |           |                           |         |
| 98      | 13.11.1995               | 55111.00               | AIR CONDITIONER                            | 55111.00                 |           |                           |         |
| 99      | 29.01.19965              | 8914.00                | AIR CONDITIONER                            | 58914.00                 |           |                           |         |
| 100     | 29.08.1996               | 117826.00              | AIR CONDITIONER                            | 117826.00                |           |                           |         |
| 101     | 26.12.1995               | 110800.00              | SOFTWARE                                   | 110800.00                |           |                           |         |
| 102     | 22.01.1996               | 24800.00               | INSECTOCUTOR                               | 24800.00                 |           |                           |         |
| 103     | 12.02.1996               | 28945.00               | DEEP FREEZER                               | 28945.00                 |           |                           |         |
| 104     | 08.02.1996               | 14100.00               | SLIDER PROJECTOR 35 AF                     | 14100.00                 |           |                           |         |
| 105     | 29.01.1996               | 13662.00               | GRINDER                                    | 13662.00                 |           |                           |         |
| 106     | 13.01.1996               | 13000.00               | REFRIGERATOR                               | 13000.00                 |           |                           |         |
| 107     | 03.01.1996               | 99800.00               | STREET LIGHT LAMINATRIES                   | 99800.00                 |           |                           |         |
| 108     | 28.03.1996               | 137640.00              | TABULER SWAGED POLE                        | 137640.00                |           |                           |         |
| 109     | 13.10.1995               | 55111.00               | AIR CONDITIONER                            | 55111.00                 |           |                           |         |
| 110     | 26.12.1996               | 20500.00               | CALL MASTER MONITOR                        | -                        | 20500.00  |                           |         |
| 111     | 09.08.1996               | 34143.00               | KITCHEN CUTTING TABLE                      | 34143.00                 |           |                           |         |
| 112     | 31.07.1996               | 12423.00               | TYPWRITER (HINDI)                          | 12423.00                 |           |                           |         |
| 113     | 30.07.1996               | 195408.00              | PAPER COPIER KILBURN                       | -                        | 195408.00 |                           |         |
| 114     | 29.11.1996               | 52930.00               | AC SERVO STABILISER                        | 52930.00                 |           |                           |         |
| 115     | 15.07.1996               | 235654.00              | AIR CONDITIONER                            | 235654.00                |           |                           |         |
| 116     | 31.08.1996               | 135270.00              | WATER COOLER                               | 135270.00                |           |                           |         |
| 117     | 30.09.1996               | 1385606.00             | KICHEN EQUIPMENT                           | 1385606.00               |           |                           |         |
| 118     | 26.12.1996               | 11950.00               | KITCHEN EQUIPMENT                          | 11950.00                 |           |                           |         |
| 119     | 09.10.1996               | 177586.00              | KITCHEN VENTILATION                        | 177586.00                |           |                           |         |
| 120     | 12.02.1997               | 31000.00               | ROM DRIVE                                  | 31000.00                 |           |                           |         |
| 121     | 23.04.1997               | 31414.00               | OVEN & TOSTER                              | 31414.00                 |           |                           |         |
| 122     | 04.06.1997               | 11403.00               | PENDIUM PRO. SYSTEMS                       | 11403.00                 |           |                           |         |
| 123     | 11.12.1997               | 398200.00              | MODI XEROX MACHINE                         | 398200.00                |           |                           |         |
| 124     | 02.12.1999               | 71486.00               | WATER COOLER                               | 71486.00                 |           |                           |         |
| 125     | 26.08.1999               | 85745.00               | LAP TOP                                    | 85745.00                 |           |                           |         |
| 126     | 20.07.1999               | 60000.00               | INSTANT WATER HEATER                       | 60000.00                 |           |                           |         |
| 127     | 07.11.1999               | 22795.00               | PSYCHOLOGICAL ITEMS                        | 22795.00                 |           |                           |         |
| 128     | 28.09.1999               | 48000.00               | COMPUTER SYSTEM                            | 48000.00                 |           |                           |         |
| 129     | 20.01.2000               | 12089.50               | CYLINDER GAS                               | 12089.50                 |           |                           |         |
| 130     | 31.08.1999               | 472130.44              | GAS CHROMATOGRAPH                          | 472130.44                |           |                           |         |

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| 131     | 05.07.1999               | 22500.00               | MEMORY SCALE                               | 22500.00                 |            |                           |         |
| 132     | 14.09.1999               | 12345.00               | CYLINDER                                   | 12345.00                 |            |                           |         |
| 133     | 11.10.1999               | 10502.71               | LAB APPARATUSES                            | 10502.71                 |            |                           |         |
| 134     | 02.10.1999               | 22460.00               | WINDOW AIRCONDITIONER                      | 22460.00                 |            |                           |         |
| 135     | 15.12.1999               | 140700.00              | C. METER                                   | 140700.00                |            |                           |         |
| 136     | 16.05.1996               | 108070.00              | SOFTWARE                                   | 108070.00                |            |                           |         |
| 137     | 24.04.1996               | 26900.00               | EPSONLX - 800                              | 26900.00                 |            |                           |         |
| 138     | 25.05.1996               | 50000.00               | SOFTWARES                                  | 50000.00                 |            |                           |         |
| 139     | 08.05.1996               | 149700.00              | UPGRADATION 7 NETWORKING                   | 149700.00                |            |                           |         |
| 140     | 04.03.1997               | 138020.00              | PENTIUM 120 MHR SYSTEM                     | 138020.00                |            |                           |         |
| 141     | 16.06.1997               | 48048.00               | VOLTAGE STABILIZER                         | -                        | 48048.00   |                           |         |
| 142     | 14.06.1997               | 18133.00               | VIDEO CASSETTES                            | 18133.00                 |            |                           |         |
| 143     | 08.07.1997               | 11880.00               | AID NEBULIZER UNIT                         | 11880.00                 |            |                           |         |
| 144     | 10.07.1997               | 11300.00               | CONVERTION KIT                             | 11300.00                 |            |                           |         |
| 145     | 29.08.1997               | 24747.00               | OPTICAL EQUIPMENT                          | 24747.00                 |            |                           |         |
| 146     | 01.12.1997               | 241500.00              | PRINTER EPSON                              | -                        | 241500.00  |                           |         |
| 147     | 17.12.1997               | 70120.00               | HP DESK JET 690C PRINTER                   | -                        | 70120.00   |                           |         |
| 148     | 24.12.1997               | 80770.00               | HP DESK JET 6P PRINTER                     | -                        | 80770.00   |                           |         |
| 149     | 16.02.1998               | 20500.00               | ISD/STD CALL BILLING M/C.                  | -                        | 20500.00   |                           |         |
| 150     | 17.09.1997               | 404000.00              | SCO-UNIX & DEVELOPER                       | 404000.00                |            |                           |         |
| 151     | 29.12.1997               | 44850.00               | TV ELITE PRO                               | 44850.00                 |            |                           |         |
| 152     | 25.03.1997               | 76993.70               | SUBMERSIBLE PUMP                           | 76993.70                 |            |                           |         |
| 153     | 19.03.1997               | 78780.00               | SOFTWARE                                   | 78780.00                 |            |                           |         |
| 154     | 07.03.1997               | 15450.00               | PENTIUM                                    | 15450.00                 |            |                           |         |
| 155     | 20.06.1996               | 80000.00               | SOFTWARE                                   | 80000.00                 |            |                           |         |
| 156     | 24.11.1997               | 158907.00              | SOFTWARE                                   | 158907.00                |            |                           |         |
| 157     | 28.05.1996               | 87540.00               | SOFTWARE                                   | 87540.00                 |            |                           |         |
| 158     | 14.05.1997               | 57525.00               | SOFTWARE                                   | 57525.00                 |            |                           |         |
| 159     | 14.05.1997               | 35175.00               | SOFTWARE                                   | 35175.00                 |            |                           |         |
| 160     | 14.05.1997               | 25500.00               | SOFTWARE                                   | 25500.00                 |            |                           |         |
| 161     | 14.05.1997               | 1502113.00             | COMPUTER SYSTEM                            | -                        | 1502113.00 |                           |         |
| 162     | 18.06.1998               | 203840.00              | MICROAGE AC LINE CONDITIONER               | 203840.00                |            |                           |         |
| 163     | 17.06.1998               | 126815.00              | WINDOW AIR CONDITIONER                     | 126815.00                |            |                           |         |
| 164     | 28.04.1998               | 1047240.00             | PENTIUM P-I                                | 1047240.00               |            |                           |         |
| 165     | 17.06.1998               | 50726.00               | WINDOW AIR CONDITIONER                     | 50726.00                 |            |                           |         |
| 166     | 23.03.1999               | 3399776.25             | COMPUTER SYSTEM                            | 3399776.25               |            |                           |         |
| 167     | 07.03.1998               | 346800.00              | MULTIMEDIA PROJECTION SYSTEM               | 346800.00                |            |                           |         |
| 168     | 28.02.1998               | 88075.00               | FRANKING MACHINE                           | 88075.00                 |            |                           |         |

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| 169     | 25.03.1998               | 2498516.00             | PENDIUM - II 266                           | -                        | 2498516.00 |                           |         |
| 170     | 22.12.1998               | 344500.00              | CBT  | 344500.00                |            |                           |         |
| 171     | 18.07.1998               | 58579.00               | ORACLE                                     | 58579.00                 |            |                           |         |
| 172     | 05.10.1998               | 12000.00               | SOFTWARE                                   | 12000.00                 |            |                           |         |
| 173     | 04.12.1998               | 12750.00               | INTERNET COMPUTING                         | 12750.00                 |            |                           |         |
| 174     | 30.04.1998               | 22352.00               | EQUIPMENT                                  | 22352.00                 |            |                           |         |
| 175     | 16.09.1998               | 15239.00               | DIGITAL PH METER                           | 15239.00                 |            |                           |         |
| 176     | 30.10.1998               | 47539.85               | IIIGH VOLUME SMAPIER                       | 47539.85                 |            |                           |         |
| 177     | 15.06.1999               | 19500.00               | BASKET BALL POLES                          | 19500.00                 |            |                           |         |
| 178     | 11.08.1999 ***           | 1843677.00             | UPS SYSTEM                                 |                          | 1843677.00 |                           |         |
| 179     | 31.08.1999               | 93860.00               | STREET LIGHT                               | 93860.00                 |            |                           |         |
| 180     | 17.10.1999               | 417000.00              | HP SURASTORE DA                            | 417000.00                |            |                           |         |
| 181     | 25.12.1999               | 23300.00               | COLOUR TV BPL                              | 23300.00                 |            |                           |         |
| 182     | 07.02.2000               | 81000.00               | OHP  | 81000.00                 |            |                           |         |
| 183     | 11.01.2000               | 381888.00              | XEROX MACHINE                              |                          | 381888.00  |                           |         |
| 184     | 08.02.2000               | 15000.00               | 16MM PROJECTOR                             | 15000.00                 |            |                           |         |
| 185     | 21.12.1999               | 70675.00               | EPABX PORTS                                | 70675.00                 |            |                           |         |
| 186     | 05.10.1999               | 35743.00               | WATER COOLER                               | 35743.00                 |            |                           |         |
| 187     | 15.10.1999               | 39400.00               | SUBMERSIABLE PUMP                          | 39400.00                 |            |                           |         |
| 188     | 09.11.1999               | 28000.00               | DEWALEING PUMP                             | 28000.00                 |            |                           |         |
| 189     | 11.01.1999               | 10576.80               | LADDER                                     | 10576.80                 |            |                           |         |
| 190     | 09.08.1999               | 5280800.00             | PENTIUM P-III                              | 5280800.00               |            |                           |         |
| 191     | 15.09.1999               | 339730.00              | SOFTWARE                                   | 339730.00                |            |                           |         |
| 192     | 02.12.1999               | 71486.00               | WATER COOLER                               | 71486.00                 |            |                           |         |
| 193     | 26.11.1999               | 115475.00              | SOFTWARE                                   | 115475.00                |            |                           |         |
| 194     | 06.03.2000               | 72800.00               | SOFTWARE                                   | 72800.00                 |            |                           |         |
| 195     | 15.03.1999               | 16800.00               | SOFTWARE                                   | 16800.00                 |            |                           |         |
| 196     | 30.06.1999               | 72800.00               | AC VOLTAGE                                 | 72800.00                 |            |                           |         |
| 197     | 28.04.1999               | 354076.80              | XEROX MACHINE                              | 354076.80                |            |                           |         |
| 198     | 30.03.1999               | 27544.00               | PENTIUM P-II                               | 27544.00                 |            |                           |         |
| 199     | 23.08.1999               | 38952.00               | PENTIUM P-II                               | 38952.00                 |            |                           |         |
| 200     | 03.06.1999               | 140238.00              | PUSH BOTTON TELEPHONE                      | 140238.00                |            |                           |         |
| 201     | 25.05.1999               | 420000.00              | SPLIT AIR CONDITIONER                      | 420000.00                |            |                           |         |
| 202     | 10.08.1999               | 34785.00               | VIDEO CASSETTES                            | 34785.00                 |            |                           |         |
| 203     | 25.10.1999               | 31600.00               | VIDEO CASSETTES                            | 31600.00                 |            |                           |         |
| 204     | 28.10.1999               | 16400.00               | BOCA TERMINAL ADAPTER                      | 16400.00                 |            |                           |         |
| 205     | 26.08.1999               | 39250.00               | DEEP FREEZER                               | 39250.00                 |            |                           |         |
| 206     | 19.09.1999               | 53550.00               | ELECTRICAL MATERIALS                       | 53550.00                 |            |                           |         |

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| 207     | 26.04.2000               | 27790.00               | BPL TV                                     | 27790.00                 |           |                           |         |
| 208     | 12.06.2000               | 26560.00               | MACROMEDIA WEB DESIGN STUDIO               | 26560.00                 |           |                           |         |
| 209     | 07.06.2000               | 535716.00              | LAN / NETWORKING EQUIP.                    | 535716.00                |           |                           |         |
| 210     | 07.12.2000               | 564115.00              | SCANNER PRINTER ETC.                       | 564115.00                |           |                           |         |
| 211     | 07.12.2000               | 14940.00               | DVD RAM DRIVE                              | 14940.00                 |           |                           |         |
| 212     | 10.04.2000               | 46350.00               | MICRO MEDIA                                | 46350.00                 |           |                           |         |
| 213     | 07.12.2000               | 560025.00              | UPS  | 560025.00                |           |                           |         |
| 214     | 23.01.2001               | 504000.00              | LCD PROJECTION SYSTEM                      | 504000.00                |           |                           |         |
| 215     | 07.01.2001               | 517198.00              | UPS  | 517198.00                |           |                           |         |
| 216     | 05.01.2001               | 820000.00              | COMPUTER SYSTEM                            |                          | 820000.00 |                           |         |
| 217     | 15.03.2001               | 66086.00               | 4 STATION MULTI GUM                        | 66086.00                 |           |                           |         |
| 218     | 08.03.2001               | 281537.00              | CEALING FAN                                | 281537.00                |           |                           |         |
| 219     | 29.03.2001               | 21900.00               | CD / OVD PLAYER                            | 21900.00                 |           |                           |         |
| 220     | 21.06.2000               | 10210.00               | SOFTWARE                                   | 10210.00                 |           |                           |         |
| 221     | 07.02.2001               | 137311.00              | PHOTO COPIER                               | 137311.00                |           |                           |         |
| 222     | 25.02.2001               | 25282.00               | ELECTRIC BATTERY                           | 25282.00                 |           |                           |         |
| 223     | 24.01.2000               | 46716.00               | WINDOW AIRCONDITIONER                      | 46716.00                 |           |                           |         |
| 224     | 18.04.2000               | 19100.00               | VIDECO CASSETTEE                           | 19100.00                 |           |                           |         |
| 225     | 19.04.2000               | 38370.00               | ELEOTRANIC TYPEWRITER                      | 38370.00                 |           |                           |         |
| 226     | 29.06.2000               | 93432.00               | WINDOW AIRCONDITIONER                      | 93432.00                 |           |                           |         |
| 227     | 2.06.2000                | 23358.00               | WINDOW AIRCONDITIONER                      | 23358.00                 |           |                           |         |
| 228     | 27.03.2001               | 289172.00              | PHOTO METER                                | 289172.00                |           |                           |         |
| 229     | 24.08.2000               | 14083.94               | ACCESSORIES FOR MP 100                     | 14083.94                 |           |                           |         |
| 230     | 31.03.2000               | 3110530.00             | LAN NETWORKING EQUIP.                      | 3110530.00               |           |                           |         |
| 231     | -                        | 82065.40               | EQUIPMENT                                  | 82065.40                 |           |                           |         |
| 232     | 20.07.1999               | 60000.00               | INSTANT WATER HEATER                       | 60000.00                 |           |                           |         |
| 233     | 26.07.2001               | 90000.00               | SOFTWARE                                   | 90000.00                 |           |                           |         |
| 234     | 24.09.2001               | 22825.00               | SHORTWAVE DIATHERMY                        | 22825.00                 |           |                           |         |
| 235     | 28.09.2001               | 62000.00               | STORAGE GEYSER                             | -                        | 62000.00  |                           |         |
| 236     | 31.10.2001               | 340000.00              | LCD PROJECT SYSTEMS                        | -                        | 340000.00 |                           |         |
| 237     | 05.11.2001               | 206400.00              | COLOR TELEVISION                           | 206400.00                |           |                           |         |
| 238     | 27.10.2001               | 304300.00              | WINDOW AIRCONDITIONER                      | 304300.00                |           |                           |         |
| 239     | 15.12.2001               | 144000.00              | HP LASER JET PRINTER                       | -                        | 144000.00 |                           |         |
| 240     | 20.12.2001               | 1622670.00             | PENDIUM IV                                 | 1622670.00               |           |                           |         |
| 241     | 03.12.2001               | 53700.00               | AIR CONDITIONER                            | 53700.00                 |           |                           |         |
| 242     | 14.01.2002               | 36400.00               | SOFTWARE MINITAB                           | 36400.00                 |           |                           |         |
| 243     | 11.12.2001               | 156000.00              | PROFESSIONEL CD                            | 156000.00                |           |                           |         |
| 244     | 19.12.2001               | 334000.00              | DESK JET COLOUR PRINTER                    | 334000.00                |           |                           |         |

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| 245     | 18.12.2001               | 311350.00              | 80LTR WATER COOLER                         | 311350.00                |            |                           |         |
| 246     | 23.01.2002               | 60000.00               | VCP  | 60000.00                 |            |                           |         |
| 247     | 31.12.2001               | 11000.00               | VACUM CLEANER                              | 11000.00                 |            |                           |         |
| 248     | 15.02.2002               | 848250.00              | UPS  | 848250.00                |            |                           |         |
| 249     | 18.02.2002               | 53820.00               | HAND DISC DRIVE                            | 53820.00                 |            |                           |         |
| 250     | 23.02.2002               | 50561.00               | UPS  | 50561.00                 |            |                           |         |
| 251     | 18.12.2001               | 17500.00               | FAX MACHINE                                | 17500.00                 |            |                           |         |
| 252     | 04.03.2002               | 190000.00              | STABILIZER                                 | 190000.00                |            |                           |         |
| 253     | 21.11.2001               | 11639.00               | SOFTWARE                                   | 11639.00                 |            |                           |         |
| 254     |                          | 242016.00              | EQUIPMENT                                  | 242016.00                |            |                           |         |
| 255     | 26.03.2001               | 17225.00               | PSYCHOLOGY BOOKS                           | 17225.00                 |            |                           |         |
| 256     | 19.12.2001               | 12500.00               | HARD DISK DRIVE                            | 12500.00                 |            |                           |         |
| 257     |                          | 15041.00               | EQUIPMENT                                  | 15041.00                 |            |                           |         |
| 258     | 03.05.2001               | 15900.00               | DISTILLATION APPARATUS                     | 15900.00                 |            |                           |         |
| 259     | 02.01.2001               | 66250.00               | EQUIPMENT                                  | 66250.00                 |            |                           |         |
| 260     | 08.06.2001               | 38180.00               | TYPEWRITER                                 | 38180.00                 |            |                           |         |
| 261     |                          | 13560.00               | EQUIPMENT                                  | 13560.00                 |            |                           |         |
| 262     | 12/20/2001               | 19490.00               | AKAI TV                                    | 19490.00                 |            |                           |         |
| 263     | 30.03.2001               | 45428.00               | VIDEO CD                                   | 45428.00                 |            |                           |         |
| 264     | 31.03.2001               | 107031.00              | AMPLIFIER SPEAKER ETC.                     | 107031.00                |            |                           |         |
| 265     | 31.03.2001               | 106980.00              | SUBMERSIBLE PUMP SET                       | 106980.00                |            |                           |         |
| 266     | 04.04.2001               | 80940.00               | TITRIMETRIC KARL FISCHER                   | 80940.00                 |            |                           |         |
| 267     | 19.04.2001               | 3307552.00             | COMPUTER SYSTEM                            | -                        | 3307552.00 |                           |         |
| 268     | 13.07.2001               | 34288.00               | THEROMOROCTOR                              | 34288.00                 |            |                           |         |
| 269     | -                        | 21219.00               | EQUIPMENT                                  | 21219.00                 |            |                           |         |
| 270     | 06.09.2001               | 13560.00               | PRINTER SHARING SWICHES                    | 13560.00                 |            |                           |         |
| 271     | 08.06.2001               | 38180.00               | TYPEWRITER                                 | 38180.00                 |            |                           |         |
| 272     | 28.03.2002               | 11164.00               | STEEL CABINET                              | 11164.00                 |            |                           |         |
| 273     | 01.02.2002               | 74880.00               | ORACLE INTERNET DEVELOPER                  | 74880.00                 |            |                           |         |
| 274     | 27.05.2002               | 574494.00              | ANTI VIROUS SOFTWARE                       | 574494.00                |            |                           |         |
| 275     | 27.03.2002               | 17190.00               | CD WRITER                                  | 17190.00                 |            |                           |         |
| 276     | 23.05.2002               | 35700.00               | CHAPPATI PUFFER                            | 35700.00                 |            |                           |         |
| 277     | 16.10.2002               | 370837.00              | COPIER                                     | 370837.00                |            |                           |         |
| 278     | 11.10.2002               | 23520.00               | WATER DISPENSER                            | 23520.00                 |            |                           |         |
| 279     | 22.11.2003               | 57957.00               | VIDEO'S VCD                                | 57957.00                 |            |                           |         |
| 280     | 04.06.1998               | 315562.00              | BIOWARE                                    | 315562.00                |            |                           |         |
| 281     | 10.12.2002               | 47040.00               | WATER DISPENSER                            | 47040.00                 |            |                           |         |
| 282     | 04.03.2003               | 10900.00               | FAX M/C                                    | 10900.00                 |            |                           |         |

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| 283     | 17.08.2002               | 1493765.00             | AGGUISITION EQUIP.                         | 1493765.00               |          |                           |         |
| 284     | 20.08.2001               | 315667.00              | SOUND LEVEL METER                          | 315667.00                |          |                           |         |
| 285     | 25.11.2002               | 231330.00              | S.M.MOTHER BOARD                           | 231330.00                |          |                           |         |
| 286     | 29.01.2003               | 15877.00               | BOOKCASE                                   | 15877.00                 |          |                           |         |
| 287     | 03.01.2002               | 52500.00               | EQUIPMENT                                  | 52500.00                 |          |                           |         |
| 288     | 01.02.2002               | 74880.00               | ORADE INTERNET DEV. SUITE                  | 74880.00                 |          |                           |         |
| 289     | 09.07.2002               | 2350184.00             | EMG SYSTEM                                 | 2350184.00               |          |                           |         |
| 290     | 10.06.2002               | 195300.00              | TABLE & CHAIR                              | 195300.00                |          |                           |         |
| 291     | 24.08.2001               | 23500.00               | WEB SITE DESIGN                            | 23500.00                 |          |                           |         |
| 292     | 31.03.2003               | 125312.00              | EQUIPMENT                                  | 125312.00                |          |                           |         |
| 293     | 2 1.04.2003              | 27600.00               | FLOOD LIGHT                                | 27600.00                 |          |                           |         |
| 294     | 17.03.2003               | 1482675.00             | INFOCUS PROJECTOR                          | 1482675.00               |          |                           |         |
| 295     | 25.03.2003               | 296200.00              | PENDIUM IV                                 | 296200.00                |          |                           |         |
| 296     | 25.03.2003               | 178157.00              | PENDIUM IV                                 | 178157.00                |          |                           |         |
| 297     | 04.06.2003               | 194550.00              | COMPUTER SCREENS                           | 194550.00                |          |                           |         |
| 298     | 22.06.2003               | 31600.00               | MOTORISED SCREEN                           | 31600.00                 |          |                           |         |
| 299     | 04.06.2003               | 59500.00               | WALL MOUNT RACKS                           | 59500.00                 |          |                           |         |
| 300     | 01.04.2003               | 2063185.00             | CORE SWITCH                                | 2063185.00               |          |                           |         |
| 301     | 22.07.2003               | 50000.00               | MICRO PHONE                                | 50000.00                 |          |                           |         |
| 302     | 04.06.2003               | 774814.00              | SPAES ANALYZER                             | 774814.00                |          |                           |         |
| 303     | 15.01.2003               | 20201.00               | REFRIGERATOR                               | 20201.00                 |          |                           |         |
| 304     | 18.01.2003               | 13568.00               | WASHING MACHINE                            | 13568.00                 |          |                           |         |
| 305     | 28.04.2003               | 39585.00               | MOUNTING TYPE FLOO FITTING                 | 39585.00                 |          |                           |         |
| 306     | 01.04.2003               | 819839.00              | NETWORKING CABLES                          | 819839.00                |          |                           |         |
| 307     | 10.06.2003               | 272968.48              | NETWORKINGINFRASTRUCTURE                   | 272968.48                |          |                           |         |
| 308     | 10.06.2003               | 185500.00              | AIRCONDITIONER                             | 185500.00                |          |                           |         |
| 309     | 28.04.2003               | 42000.00               | WATER FILTER                               | 42000.00                 |          |                           |         |
| 310     | 29.09.2003               | 256800.00              | CD - RW (black)                            | 256800.00                |          |                           |         |
| 311     | 04.06.2003               | 116700.00              | STREET LIGHT LUMINARIES                    | 116700.00                |          |                           |         |
| 312     | 07.11.2003               | 121047.00              | COMPUTER NETWORKING                        | 121047.00                |          |                           |         |
| 313     | 01.08.2003               | 295620.00              | AIRCONDITIONER                             | 295620.00                |          |                           |         |
| 314     | 20.01.2004               | 49451.00               | MOBILE PHONES                              | 49451.00                 |          |                           |         |
| 315     | 10.03.2003               | 10000.00               | COMPUTER ITEM                              | 10000.00                 |          |                           |         |
| 316     | 07.01.2004               | 232753.00              | REFRATOMETER                               | 232753.00                |          |                           |         |
| 317     | 07.01.2004               | 97922.00               | ECG RECORDER SYSTEM                        | 97922.00                 |          |                           |         |
| 318     | 19.03.2004               | 30850.00               | LCD  | 30850.00                 |          |                           |         |
| 319     | 19.03.2004               | 27750.00               | MONITOR                                    | 27750.00                 |          |                           |         |
| 320     | 28.10.2003               | 16476.00               | COMPUTER ITEM                              | 16476.00                 |          |                           |         |



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| 321     | 24.09.2003               | 45000.00               | BILINGUAL ( AKRUTI )                       | 45000.00                 |          |                           |         |
| 322     | 11.03.2004               | 28000.00               | DIGITAL CAMERA                             | 28000.00                 |          |                           |         |
| 323     | 05.05.2003               | 15205.00               | FAN  | 15205.00                 |          |                           |         |
| 324     | 20.10.2003               | 13200.00               | CABLE                                      | 13200.00                 |          |                           |         |
| 325     | 13.02.2003               | 35903.00               | PAPER THREADING MACHINE                    | 35903.00                 |          |                           |         |
| 326     | 26.03.2003               | 106025.00              | WEIGHING AMCHINE                           | 106025.00                |          |                           |         |
| 327     | 16.09.2002               | 36890.00               | SOFTWARE                                   | 36890.00                 |          |                           |         |
| 328     | 1/25.06.04               | 90860.00               | Amplifer Ahuja, Model SSB 60               | 90860.00                 |          |                           |         |
| -       | -                        | -                      | Ahuja ICW ASC 20T, Cordless                | -                        |          |                           |         |
| -       | -                        | -                      | Neck Morcophones                           | -                        |          |                           |         |
| 329     | 14/25.03.04              | 237105.00              | Water Cooler                               | 237105.00                |          |                           |         |
| 330     | 13/02.08.04              | 33298.00               | Weed Cutter knife                          | 33298.00                 |          |                           |         |
| 331     | 11.09.04                 | 100858.00              | Cable                                      | 100858.00                |          |                           |         |
| 332     | 29.06.04                 | 333525.00              | Toshiba E-Studio                           | 333525.00                |          |                           |         |
| 333     | 1/29.06.04               | 29401.00               | Videos                                     | 29401.00                 |          |                           |         |
| 334     | 4/09.09.04               | 80710.00               | Laddio                                     | 80710.00                 |          |                           |         |
| 335     | 8/31.01.05               | 40480.00               | Submersible Pumpset                        | 40480.00                 |          |                           |         |
| 336     | 01/18.02.05              | 162255.00              | Router Card, Cable male                    | 162255.00                |          |                           |         |
| 337     | 36/21.02.05              | 15500.00               | Fax machine                                | 15500.00                 |          |                           |         |
| 338     | 8/31.01.05               | 40480.00               | Submersible Pumpset                        | 40480.00                 |          |                           |         |
| 339     | 4/31.03.05               | 829497.00              | Infocus Projector                          | 829497.00                |          |                           |         |
| 340     | 3/31.03.05               | 1241000.00             | PC   | 1241000.00               |          |                           |         |
| 341     | Elec/30.12.04            | 49270.00               | Split A/c.                                 | 49270.00                 |          |                           |         |
| 342     | 1/02.09.05               | 41184.00               | Software                                   | 41184.00                 |          |                           |         |
| 343     | 3/26.10.05               | 93550.00               | G. B. Screen                               | 93550.00                 |          |                           |         |
| 344     | cc/17.11.05              | 63000.00               | Computer System & Printer                  | 63000.00                 |          |                           |         |
| 345     | 3/26.12.06               | 13125.00               | BPL Telephone                              | 13125.00                 |          |                           |         |
| 346     | 6/30.12.05               | 107100.00              | C TV                                       | 107100.00                |          |                           |         |
| 347     | 1/11.05.06               | 306773.51              | Xerox Machine                              | 306773.51                |          |                           |         |
| 348     | 1/16.11.05               | 15808.00               | Fax Machine                                | 15808.00                 |          |                           |         |
| 349     | 6/06.03.06               | 280496.00              | SPSS Base                                  | 280496.00                |          |                           |         |
| 350     | 12/29.03.06              | 68900.00               | Pen Drive                                  | 68900.00                 |          |                           |         |
| 351     | 2/24.03.06               | 40300.00               | DVD Recorder                               | 40300.00                 |          |                           |         |
| 352     | 8/24.03.06               | 639119.00              | Printer & Other Items                      | 639119.00                |          |                           |         |
| 353     | 6/30.12.05               | 16672.50               | Cable                                      | 16672.50                 |          |                           |         |
| 354     | 10/27.03.06              | 599936.83              | Desktop                                    | 599936.83                |          |                           |         |
| 355     | 12/29.03.06              | 12000.00               | CD Writer                                  | 12000.00                 |          |                           |         |
| 356     | 05.dt15/05/06            | 32,000.00              | CTV- samsung                               | 32,000.00                |          |                           |         |

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| 357     | 15.dt.28/07/06           | 11,000.00              | Amplifier,column speakers,                 | 11,000.00                |          |                           |         |
|         | -                        | -                      | cordless tie-clip microphone               | -                        |          |                           |         |
| 358     | 01.dt.30/08/06           | 105,264.00             | Xerox machine,stabilier,toner              | 105,264.00               |          |                           |         |
| 359     | A/C/dt.17/08/06          | 102,600.00             | Push button Telephones                     | 102,600.00               |          |                           |         |
| 360     | 02.dt.12/10/06           | 193,060.00             | HP laser jet printer                       | 211,825.00               |          |                           |         |
| 361     | 06.dt.30/11/06           | 161,288.00             | APC smart ups                              | 161,288.00               |          |                           |         |
| 362     | 66.dt.30/05/06           | 130,126.00             | Animal type dust bins                      | 130,126.00               |          |                           |         |
| 363     | cc/17/08/06              | 401,475.00             | Access point cable                         | 401,475.00               |          |                           |         |
| 364     |                          | 21,500.00              | Suply & laying of cable                    | 23,040.00                |          |                           |         |
| 365     | 01.dt.16/11/06           | 75,000.00              | Pen drive 1 GB                             | 75,000.00                |          |                           |         |
| 366     | 06.dt.30.11/06           | 320,000.00             | UPS 1kva with battaryback up               | 320,000.00               |          |                           |         |
| 367     | 08.dt.22/02/07           | 20,800.00              | Akruti office 2006                         | 20,800.00                |          |                           |         |
| 368     | cpssc/14/02/07           | 478,850.00             | Xerox mc 255                               | 536,202.00               |          |                           |         |
| 369     | 10.dt.12/03/07           | 231,000.00             | Air puff                                   | 231,000.00               |          |                           |         |
| 370     | 09.dt.05.03.07           | 495,000.00             | Server                                     | 495,000.00               |          |                           |         |
| 371     | 07.dt.13/02/07           | 267,800.00             | CTV-                                       | 267,800.00               |          |                           |         |
| 372     | 5.dt.06/11/06            | 123,796.00             | 5kva on line ups 1 hr.backup               | 123,796.00               |          |                           |         |
| 373     | 07.dt.08/12/06           | 6,583,050.00           | PIV 7000 series                            | 6,583,050.00             |          |                           |         |
| 374     | 06.dt.06-07              | 37,861.00              | Submersible pumpset                        | 40,606.00                |          |                           |         |
| 375     | cc/05 dt 24/11/06        | 176,800.00             | Radio Eqpts                                | 176,800.00               |          |                           |         |
| 376     | cc/3dt 16/11/06          | 23,618.00              | Tripod stand sreen                         | 23,618.00                |          |                           |         |
| 377     | 5 dt 24/03/06            | 11,110.00              | Analog line card                           | 11,110.00                |          |                           |         |
| 378     | 8 dt 13/03/06            | 49,270.00              | Air Conditioner                            | 49,270.00                |          |                           |         |
| 379     | e&f dt 17/08/06          | 67,073.00              | Cable laying of telephones                 | 67,073.00                |          |                           |         |
| 380     | cc/13 dt 29/03/06        | 380,750.00             | SD RAM and Hard Diskc                      | 380,750.00               |          |                           |         |
| 381     | dt 26/05/06              | 11,062.00              | Fire extinguisher                          | 11,062.00                |          |                           |         |
| 382     | dt.15.06.06              | 49,500.00              | Single Burner Gas Range                    | 49,500.00                |          |                           |         |
| 383     | cc/04 dt 16/11/06        | 75,000.00              | Pen Drives 1 GB                            | 75,000.00                |          |                           |         |
| 384     | cc/05 dt 18/10/06        | 1,50,000.00            | Batteries and stationary                   | 150,000.00               |          |                           |         |
| 385     | 10/4/2007                | 23,700.00              | Room Air conditioner                       | 23,700.00                |          |                           |         |
| 386     | 2/2/2007                 | 154,294.00             | Room Air conditioner                       | 147,000.00               |          |                           |         |
| 387     | 18/06/07                 | 18,000.00              | Akai TV 21"                                | 16,000.00                |          |                           |         |
| 388     | 3/7/2007                 | 249,020.00             | Audio Technica                             | 249,020.00               |          |                           |         |
| 389     | 11/7/2007                | 11,460.80              | Play audio patch panel                     | 11,460.80                |          |                           |         |
| 390     | 25/06/07                 | 329,783.00             | Window air conditioner                     | 219,283.00               |          |                           |         |
| 391     | 25/06/07                 | -                      | Power supply arrangement                   | 66,648.00                |          |                           |         |
| 392     | 11/10/2007               | 215,700.00             | External HDD 320 GB                        | 89,000.00                |          |                           |         |
| 393     | 5/4/2007                 | 1,359,872.00           | Networking CC                              | 1,359,872.00             |          |                           |         |

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| A       | B                        | C                      | D   | E                        | F        | G                         | H       |
|---------|--------------------------|------------------------|---|--------------------------|----------|---------------------------|---------|
| Sr. No. | No. and date of Sanction | Amt. of the San. Grant | Particulars of Assets credited or acquired  | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 394     | 11/10/2007               | 808,000.00             | Hp laser jet printer                        | 808,000.00               |          |                           |         |
| 395     | 20/8/07                  | 22,500.00              | VHF HH wire less microphone                 | 22,500.00                |          |                           |         |
| 396     | 11/10/2007               | -                      | Hard disk 80 GB & 160 GB                    | 126,700.00               |          |                           |         |
| 397     | 21/08/07                 | 119,530.00             | EPBX Cables & Installation                  | 148,030.40               |          |                           |         |
| 398     | 28/03/07                 | 36,207.60              | Eview 6.0 Enterprises                       | 36,208.00                |          |                           |         |
| 399     | 4/12/2007                | 450,400.00             | Orient Ceiling Fan                          | 450,400.50               |          |                           |         |
| 400     | 11/10/2007               | 25,798.00              | Window A/C                                  | 25,798.00                |          |                           |         |
| 401     | 27/12/07                 | 52,440.00              | Vaccum Cleaner                              | 52,440.00                |          |                           |         |
| 402     | 21/11/07                 | 1,042,000.00           | HP compaq laptop                            | 1,042,000.00             |          |                           |         |
| 403     | 29/11/07                 | 158,000.00             | Network Attached Storage System             | 158,000.00               |          |                           |         |
| 404     | 29/10/07                 | 30,259.15              | Amplifier System                            | 30,259.15                |          |                           |         |
| 405     | 13/12/07                 | 15,400.00              | LG refrigerator                             | 15,400.00                |          |                           |         |
| 406     | 26/04/07                 | 18,500.00              | 12.5.2 DVD Writer                           | 18,500.00                |          |                           |         |
| 407     | 9/4/2007                 | 190,794.00             | Split A/c & Window A/c                      | 190,794.00               |          |                           |         |
| 408     | 7/6/2007                 | 95,499.00              | A/c ITR Window                              | 87,399.00                |          |                           |         |
| 409     | 14/06/07                 | 55,000.00              | Digital Back & leg Dynamometer              | 55,000.00                |          |                           |         |
| 410     | 30/07/07                 | 320,808.90             | Electrification Work                        | 247,020.00               |          |                           |         |
| 411     | 24/08/07                 | -                      | Import clearance                            | 73,630.00                |          |                           |         |
| 412     | 10/10/2007               | 15,292.75              | Rewiring at PEL                             | 15,293.00                |          |                           |         |
| 413     | 25/06/07                 | 25,500.00              | Alt. to Alluminium & wooden windows         | 27,000.00                |          |                           |         |
| 414     | 27/12/07                 | 47,241.00              | 5HP Pump set                                | 51,748.00                |          |                           |         |
| 415     | 5/6/2007                 | 681,592.65             | Microsoft campus 3 Agreement                | 681,592.65               |          |                           |         |
| 416     | 6/2/2008                 | 15,000.00              | Sony camera DSC-W-80                        | 12,800.00                |          |                           |         |
| 417     | PEL/27/12/07             | 23,400.00              | Remi Revolutionary Micro Cerntrifuge        | 27,317.97                |          |                           |         |
| 418     | PEL/27/12/07             | 57,375.00              | Remi Quick Freezer 170 ltr. With stabilizer | 70,506.40                |          |                           |         |
| 419     | PEL/12/2/08              | 180,540.00             | Cardio plus-E                               | 94,860.00                |          |                           |         |
| 420     | -                        | -                      | Cardio Vat AT-2                             | 85,680.00                |          |                           |         |
| 421     | 30/01/08                 | 26,000.00              | CAXTON sports Eqpt.                         | 25,125.00                |          |                           |         |
| 422     | 30/01/08                 | 16,000.00              | Examination Table with Mattresses           | 14,850.00                |          |                           |         |
| 423     | CC/12/04/02/08           | 2,082,066.00           | Networking Products for Networking of CC    | 2,057,067.00             |          |                           |         |
| 424     | CC/14/18/02/08           | 713,900.00             | UPS Sets                                    | 713,900.00               |          |                           |         |
| 425     | CC/14/18/02/08           | 984,234.00             | UPS Sets                                    | 984,234.00               |          |                           |         |
| 426     | Elect/03/07/09/07        | 269,500.00             | AG 200 Water filter cum Purifier            | 269,500.00               |          |                           |         |
| 427     | PEL/14/28/03/08          | 250,000.00             | Networking at PEL                           | 213,532.00               |          |                           |         |
| 428     | Elect/28/09/01/08        | 38,697.00              | Window AC                                   | 38,697.15                |          |                           |         |
| 429     | AVS/08/11/03/08          | 183,422.00             | Video Trg. Prog. VCD's                      | 183,422.00               |          |                           |         |

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| A       | B                                  | C                      | D  | E                        | F        | G                         | H       |
|---------|------------------------------------|------------------------|--|--------------------------|----------|---------------------------|---------|
| Sr. No. | No. and date of Sanction           | Amt. of the San. Grant | Particulars of Assets credited or acquired | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 430     | CPSC/30/01/08                      | 509,631.50             | RICHO Digital Copier Model MP-5500         | 509,631.86               |          |                           |         |
| 431     | CC/AV/08-09/01<br>dt.07/04/08      | 31,825.00              | Amplifier Equipments(Set)                  | 31,825.00                |          |                           |         |
| 432     | EE/08-09/2<br>dt.2/5/08            | 51,596.00              | Air Conditioner                            | 51,596.00                |          |                           |         |
| 433     | EE/08-09/4<br>dt.24/6/08           | 464,364.00             | Air Conditioner                            | 464,364.00               |          |                           |         |
| 434     | EE/08-09/1<br>dt.02/05/08          | 26,550.00              | Aqua Guard Cooler (Water Purifier)         | 26,295.00                |          |                           |         |
| 435     | EE/08-09/5<br>dt.09/07/08          | 105,000.00             | Air Conditioner                            | 105,000.00               |          |                           |         |
| 436     | CC/BMS/AVD/08-09/10<br>dt.10/10/08 | 36,000.00              | Bravn Motorised Screen                     | 36,000.00                |          |                           |         |
| 437     | CPSC/E&F/08-09/02<br>dt.22/09/09   | 25,875.00              | Paper shredder Model-ps225E                | 25,875.00                |          |                           |         |
| 438     | Plan /E&F/08-09/03<br>dt.04/06/08  | 600,000.00             | Ceiling Duet AC                            | 250,000.00               |          |                           |         |
| 439     | CPSC/E&F/08-09/03<br>dt.29/10/08   | 93,000.00              | LG Slim CTV 29" 29FU3AG                    | 93,000.00                |          |                           |         |
| 440     | AVS/08-09/018<br>dt.12/11/08       | 39,497.00              | Video training Programmes in DVD format    | 39,497.00                |          |                           |         |
| 441     | EE/08-09/10<br>dt.04/12/08         | 168,001.00             | Air Conditioner                            | 168,001.00               |          |                           |         |
| 442     | EE/08-09/11<br>dt.04/12/08         | 120,001.00             | Air Conditioner                            | 78,000.44                |          |                           |         |
| 443     | EE/08-09/11<br>dt.04/12/08         | -                      | Air Conditioner                            | 42,000.23                |          |                           |         |
| 444     | EE/08-09/7<br>dt.01/10/08          | 47,400.00              | Air Conditioner & installation chargers    | 47,400.00                |          |                           |         |
| 445     | S&T/E&F/08-09/01<br>dt.24/09/08    | 58,168.00              | Vehicle wash Machine & other parts         | 58,168.00                |          |                           |         |
| 446     | EE/08-09/6<br>dt. 31/07/08         | 239,336.00             | LG Make cap 8.5 TR AC                      | 125,000.00               |          |                           |         |
| 447     | EE/08-09/10<br>dt.04/12/08         | 21,600.00              | Air Conditoner                             | 21,600.00                |          |                           |         |
| 448     | EE/08-09/1<br>dt.04/12/08          | 16,200.00              | Air Conditoner                             | 16,200.00                |          |                           |         |
| 449     | EE/08-09/9<br>dt.14/11/08          | 1,327,893.75           | 3.2m Pole Jardon Bajaj make                | 774,563.00               |          |                           |         |
| 450     | EE/08-09/09<br>dt. 14/11/08        | 1,327,893.75           | BRPRL-150W MARIG.1D 150W TM                | 553,331.00               |          |                           |         |
| 451     | EE/08-09/<br>dt.25/11/09           | 31,687.20              | Digital Multimeter model                   | 26,017.00                |          |                           |         |
| 452     | EE/08-09/12<br>dt. 26/12/08        | 237,000.00             | Split AC                                   | 210,000.00               |          |                           |         |
| 453     | Plan-Equip/08-09/15<br>dt.20/03/09 | 14,000.00              | Samsung Fully Auto w/Machine               | 14,000.00                |          |                           |         |

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| Sr. No. | No. and date of Sanction            | Amt. of the San. Grant | Particulars of Assets credited or acquired   | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 454     | EE/08-09/13<br>dt.13/02/09          | 47,400.00              | Split AC                                     | 42,000.00                |          |                           |         |
| 455     | EE/PE/08-09/16<br>dt.23/03/09       | 476,979.00             | 1.0 TR Split AC                              | 58,500.00                |          |                           |         |
| 456     | EE/PE/08-09/16<br>dt.23/03/09       | 476,979.00             | window AC                                    | 270,879.00               |          |                           |         |
| 457     | CC/AV/08-09/13<br>dt.30.01.09       | 103,625.00             | Workstation HP XW 4600<br>with speaker       | 103,625.00               |          |                           |         |
| 458     | EE/08-09/04<br>dt.03/12/08          | 496,000.00             | Design Fabrication...Power Control           | 496,000.00               |          |                           |         |
| 459     | EE/08-09/17<br>dt.07/10/08          | 248,000.00             | Design Fabrication...Power Control           | 248,000.00               |          |                           |         |
| 460     | CC/PN/HP/1<br>11/04/08              | 1,677,312.00           | Desktop - HP DC 7800<br>with Monitor         | 1,677,312.00             |          |                           |         |
| 461     | CC/PGPM/08-09/5<br>21/05/08         | 19,145.00              | UTP Cables & Parts                           | 19,145.00                |          |                           |         |
| 462     | CC/RAM/08-09/02<br>1-7-2008         | 272,300.00             | IGB DDRI 400 MH2                             | 88,250.00                |          |                           |         |
| 463     | CC/LCD/2008-09/06<br>07/07/08       | 543,588.62             | Sony LCD Multimedia<br>Projection System     | 543,589.00               |          |                           |         |
| 464     | CC/BPL/SW/08-09/08<br>21/05/08      | 20,000.00              | Call Metering Software Windows<br>EPABX      | 20,000.00                |          |                           |         |
| 465     | CC/MC//RAM/08-09/02<br>29/04/08     | 22,800.00              | Media Converter                              | 22,800.00                |          |                           |         |
| 466     | RAM/08-09/02<br>29/04/2008          | 45,000.00              | Cable Patch Cord                             | 45,000.00                |          |                           |         |
| 467     | AVC/08-09/06<br>dt. 26/8/08         | 249,450.00             | Set of Audio Visual Instrument               | 249,250.00               |          |                           |         |
| 468     | CC/LCD/08-09/10<br>23/9/08          | 793,544.58             | Sony LCD Multimedia<br>Projection System     | 793,545.00               |          |                           |         |
| 469     | CC/MSDN/08-09/07<br>11/7/08         | 47,907.55              | Sony LCD M Projection System<br>UPL-Ex-5     | 47,907.55                |          |                           |         |
| 470     | CC/SYS/08-09<br>24/11/08            | 312,000.00             | Systat 12.0user simas<br>Perpetual license   | 312,000.00               |          |                           |         |
| 471     | cc/cc/Net / 08-09/12<br>dt.15/12/08 | 58,830.00              | networking of 04 room<br>classround hostel   | 58,830.00                |          |                           |         |
| 472     | cc/cc/Net / 08-09/14<br>dt.15/12/08 | 165,404.00             | Cable Laying Material                        | 165,404.00               |          |                           |         |
| 473     | CC/CC/Net/08-09/13<br>dt.15/12/08   | 79,055.00              | Cable Laying Material &<br>other Charges     | 79,055.00                |          |                           |         |
| 474     | CC/CC/Net/08-09/15<br>dt.18.03.09   | 370,832.00             | networking & Charges                         | 226,102.00               |          |                           |         |
| 475     | CC/CC/Net/08-09/15                  | 370,832.00             | networking & Charges                         | 144,730.00               |          |                           |         |
| 476     | CC/Prin/08-09/14<br>dt.30.01.09     | 2,012,243.00           | HP 1319 f Multifunction Printer              | 89,160.00                |          |                           |         |
| 477     | CC/server/08-09/16<br>dt.30/01/09   | 695,260.00             | deta base server, web server,<br>File server | 695,260.00               |          |                           |         |
| 478     | CC/server/3/08-09/19<br>dt.30.01.09 | 937,186.00             | server with keyboard mouse                   | 937,186.00               |          |                           |         |

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| Sr. No. | No. and date of Sanction           | Amt. of the San. Grant | Particulars of Assets credited or acquired        | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 479     | CC/Firewall/08-09/21 dt.25.03.09   | 772,206.00             | SSG-520 M Systems 1 GB Dram                       | 934,533.00               |          |                           |         |
| 480     | CC/C/EM/SW/08-09/21                | 802,115.00             | spss Clementine Server                            | 486,720.00               |          |                           |         |
| 481     | CC/CISCO/Net/08-09/1 30.01.09      | 1,001,379.00           | Networking  | 995,235.00               |          |                           |         |
| 482     | CC/P-IV/08-09/12 dt. 30.01.09      | 1,068,240.00           | Pentium core 2D40 System                          | 1,068,240.00             |          |                           |         |
| 483     | CC/AC/08-09/13 dt30.01.09          | 103,625.00             | Work Station HP XW 4600, Speker                   | 103,625.00               |          |                           |         |
| 484     | CC/Prin/08-09/14 dt.23.01.09       | 46,384.00              | Computer  | 46,384.00                |          |                           |         |
| 485     | CC/Server/08-09/18 30/01/09        | 642,512.00             | Computer Instrument                               | 636,512.00               |          |                           |         |
| 486     | cc/lap/08-09/15 DT.30/01/09        | 1,352,600.00           | laptop hp Compaq 6910P                            | 13,52,600.00             |          |                           |         |
| 487     | 38 Dt.23.01.06                     | 1,876,700.00           | Hp set with Printer                               | 1,876,700.00             |          |                           |         |
| 488     | CPSC/DC/08-09/01 25.02.2009        | 1,08,272.00            | Kilburn Mita 2540 Digital Copier                  | 1,18,796.00              |          |                           |         |
| 489     | CPSC/DIS./07-08                    | -                      | Disposal of obsolete unserviceable capital items  | -                        |          | 450,902.00                |         |
| 490     | CPSC/Disp/09-10 dt.19.06.09        | 32,000.00              | Samsung Refrigerator 280 ltr.                     | 32,000.00                |          |                           |         |
| 491     | Plan Equipment/09-10dt.04.05.10    | 38,697.00              | Window Air Conditioner                            | 38,697.00                |          |                           |         |
| 492     | AVS/2009-10/02 dt.18.02.09         | 127,662.50             | MicroPhone Cables.                                | 121,163.00               |          |                           |         |
| 493     | CPSC/Tel/2009-10                   | 15,075.00              | 70AH/65A-12V Battary with links.                  | 15,075.00                |          |                           |         |
| 494     | CPSC/Tel/2009-10/4 dt.01.07.2009   | 48,736.00              | Laying Cables                                     | 48,736.00                |          |                           |         |
| 495     | Library / approval dt.28.01.2010   | 783,000.00             | Electromagnetic tattle tape                       | 783,000.00               |          |                           |         |
| 496     | Library / approval dt.28.01.2010   | 468,000.00             | Electromagnetic tattle tape                       | 468,000.00               |          |                           |         |
| 497     | CPSC/Xerox/2009-10 dt.15.01.2010   | 374,359.00             | Konica minolta printerDigital multifunction prod. | 377,959.00               |          |                           |         |
| 498     | Plan Equipment Film /2 dt.18.12.09 | 363,297.00             | Multipurpose play system                          | 363,297.00               |          |                           |         |
| 499     | Plan Equipment Film /2 dt.18.12.09 | 61,022.00              | Vip Bench CC                                      | 61,022.00                |          |                           |         |
| 500     | Plan Equipment Film /2 dt.18.12.09 | 152,186.00             | Spring Rider Bike                                 | 152,186.00               |          |                           |         |
| 501     | Library / approval dt.28.01.2010   | 62,140.00              | Lable printer for Thermal Transfer Barcode        | 49,712.00                |          |                           |         |
| 502     | Library / approval dt.28.01.2010.  | 39,000.00              | PC Based Software                                 | 39,000.00                |          |                           |         |
| 503     | Library / approval dt.28.01.2010.  | 89,440.00              | Touch Screen And Keypad                           | 71,552.00                |          |                           |         |

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| 504     | Library / approval dt.28.01.2010.         | 124,088.00             | Cost of Security Gate in Library           | 124,088.00               |          |                           |         |
| 505     | Library / approval dt.28.01.2010.         | 52,000.00              | Electromagnetic tattle tape                | 52,000.00                |          |                           |         |
| 506     | Library / approval dt.28.01.2010.         | 13,416.00              | Software                                   | 13,416.00                |          |                           |         |
| 507     | Library / approval dt.28.01.2010.         | 48,938.00              | Electromagnetic tattle tape                | 48,938.00                |          |                           |         |
| 508     | Library / approval dt.28.01.2010.         | 146,813.00             | Electromagnetic tattle tape                | 146,813.00               |          |                           |         |
| 509     | cc/sw/DMS/08-09/16 dt.15.12.2008          | 502,374.00             | basic software support (amount US\$-9996)  | 502,374.00               |          |                           |         |
| 510     | CC/LAP/09-10/01 dt.05/06/2006             | 1,352,600.00           | Hp Compaq Laptop                           | 1,352,600.00             |          |                           |         |
| 511     | CC/Lan /EQP/08-09/20 dt.30.01.2009        | 2,714,549.00           | Computer Equipments                        | 2,700,930.00             |          |                           |         |
| 512     | CC/Lan/09-10/1 dt.05/08/2009              | 83,076.00              | Computer Equipments                        | 72,260.00                |          |                           |         |
| 513     | CC/Lan/09-10/1 dt.05/08/2009              | 83,076.00              | Passive Components.                        | 10,816.00                |          |                           |         |
| 514     | CC/CPSC/SW/09-10/4 dt.15/10/2009          | 2,050,084.00           | Software                                   | 2,050,084.00             |          |                           |         |
| 515     | CC/ADOB/SW/09-10/1 dt.04/02/10            | 687,698.44             | Adobe CS4 Master Lic.                      | 687,698.00               |          |                           |         |
| 516     | CC/Estate/Net/09-10/06 dt.04/01/2010      | 111,927.00             | Laying Cables                              | 111,927.00               |          |                           |         |
| 517     | CC/Estate/Net/09-10/06 dt.04/01/2010      | 201,015.00             | Accessories                                | 201,015.00               |          |                           |         |
| 518     | CC/MSDN/09-10/02 dt.07/07/09              | 1,574,622.00           | Desktop Compus all Language lic.           | 1,574,622.00             |          |                           |         |
| 519     | CC/LCD/DC/09-10/08 dt.05/03/2010          | 852,214.00             | LCD Projector                              | 852,214.00               |          |                           |         |
| 520     | CC/MAIL/SW/09-10/09 dt.23.03.10           | 1,443,650.52           | Software                                   | 1,443,651.00             |          |                           |         |
| 521     | CC/HsW/09-10/3 dt.03.08.09                | 26,000.00              | Hindi Software                             | 26,000.00                |          |                           |         |
| 522     | AVS/2009-10 as dt.26.03.2010              | 270,000.00             | Software                                   | 270,000.00               |          |                           |         |
| 523     | Electrical/Equip/10-11/2 dt.26/04/2010    | 48,487.00              | Sefty Equipments                           | 48,487.50                |          |                           |         |
| 524     | CPSC/BPL-Tel/2009-10 dt.23/11/2009        | 2,159,448.00           | Large EPABX ststem                         | 2,159,448.00             |          |                           |         |
| 525     | Plan/Equip/Films/2009-10/2 dt.18/12/12009 | 20,000.00              | AC installation                            | 20,000.00                |          |                           |         |
| 526     | Library / approval/2010-11 dt.12/05/2010  | 600,000.00             | process card                               | 81,536.00                |          |                           |         |

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| 527     | Pur/AVS/2010-11/01<br>dt.05/05/2010               | 159,873.00             | Software   | 159,873.00               |          |                           |         |
| 528     | Library/<br>approval /2010-11<br>dt.12/05/2010    | 129,496.00             | smart card, card printer ribbon                  | 129,496.00               |          |                           |         |
| 529     | Library/<br>approval/2010-11<br>dt.12/05/2010     | 51,480.00              | Software   | 51,480.00                |          |                           |         |
| 530     | Library/<br>approval/2010-11<br>dt.12/05/2010     | 14,040.00              | neck langard with institute<br>name printed      | 14,040.00                |          |                           |         |
| 531     | Library /<br>approval/2010-11<br>dt.12/05/2010    | 26,208.00              | pc, camera signature pad,<br>fingerprint         | 26,208.00                |          |                           |         |
| 532     | Plan/Equip/10-11/3<br>dt.29/04/2010               | 67,161.00              | Basket ball poles                                | 67,161.00                |          |                           |         |
| 533     | 2010/11/20<br>dt.15.06.10                         | 143,100.00             | Installation ceiling fans<br>in the balcony PGPH | 143,100.00               |          |                           |         |
| 534     | 2010/11/20<br>dt.15.06.10                         | 59,400.00              | Erecting fluorcent                               | 59,400.00                |          |                           |         |
| 535     | Plan Equipment &<br>films /10-11/5<br>dt.11.06.10 | 572,220.00             | Hoisting installation and<br>commissioning       | 572,220.00               |          |                           |         |
| 536     | Library /<br>approval/2010-11<br>dt.12/05/2010    | 14,315.00              | smart card,card printer ribbon                   | 14,315.00                |          |                           |         |
| 537     | Library /<br>approval/2010-11<br>dt.12/05/2010    | 15,288.00              | smart card,card printer ribbon                   | 15,288.00                |          |                           |         |
| 538     | Library /<br>approval/2010-11<br>dt.12/05/2010    | 27,575.00              | installation configuration user training         | 27,575.00                |          |                           |         |
| 539     | Libsis-1/10-11<br>dt.14/05/2010                   | 65,353.00              | support and developmention<br>software           | 65,353.00                |          |                           |         |
| 540     | Plan Equip/10-11/6<br>dt.25/06/2010               | 572,220.00             | Hot water storeage tank                          | 572,220.00               |          |                           |         |
| 541     | Library /<br>approval-1/2010-11<br>dt.21/07/2010  | 36,563.00              | UPS systems with internal battery                | 36,563.00                |          |                           |         |
| 542     | Plan-Equip/10-11/6<br>dt.25.06.2010               | 572,220.00             | Hot water storeage tank                          | 572,220.00               |          |                           |         |
| 543     | Director Approval<br>note no.10<br>dt. 24.08.2010 | 15,750.00              | Compressor                                       | 15,750.00                |          |                           |         |
| 544     | Library<br>Approval /2010-11<br>dt.12.05.2010     | 11,025.00              | smart card,card printer ribbon                   | 11,025.00                |          |                           |         |
| 545     | Library<br>Approval-2 /2010-11<br>dt.14.09.2010   | 15,200.00              | Repairing charges to barcode<br>printer          | 16,766.00                |          |                           |         |
| 546     | Plan Equip &<br>film /10-11/6<br>dt.25/06/10      | 572,220.00             | Hot water storeage tank                          | 572,220.00               |          |                           |         |



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| Sr. No. | No. and date of Sanction                      | Amt. of the San. Grant | Particulars of Assets credited or acquired | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 547     | CPSC / Tel / 2009-10 dt.19.03.2010            | 43,200.00              | Krone Modeles                              | 43,200.00                |          |                           |         |
| 548     | MDPH/2010-11 Dt.14.10.2010                    | 90,000.00              | Vegetable Cutter                           | 90,000.00                |          |                           |         |
| 549     | MDPH/2010-11 Dt.14.10.2010                    | 67,500.00              | Pulverizer 3HP 3 phase                     | 67,500.00                |          |                           |         |
| 550     | Plan Equip/2009-10/4 26.03.2010               | 19,500.00              | single splite wallset air conditioner      | 19,500.00                |          |                           |         |
| 551     | Plan Equip/2009-10/4 26.03.2010               | 160,000.00             | window air conditioner                     | 160,000.00               |          |                           |         |
| 552     | Plan Equip/2009-10/03 dt.25.03.2010           | 312,000.00             | single splite wallset air conditioner      | 312,000.00               |          |                           |         |
| 553     | Plan Equip/2009-10/03 dt.25.03.2010           | 567,000.00             | Air conditioner                            | 567,000.00               |          |                           |         |
| 554     | Plan Equip/2009-10/03 dt.25.03.2010           | 20,000.00              | window air conditioner                     | 20,000.00                |          |                           |         |
| 555     | Plan Equipment/10-11/08 dt.22.07.2010         | 64,495.00              | window air conditioner                     | 64,495.00                |          |                           |         |
| 556     | M&R/Equip/10-11/14 dt.12.11.10                | 40,500.00              | Battery                                    | 40,500.00                |          |                           |         |
| 557     | Admn/Equip/2010-11/san. Dt.28.09.2010         | 121,681.00             | Digital franking machine                   | 121,681.00               |          |                           |         |
| 558     | CPSC /Acid/E.films/2010-11/san. dt.25.02.2011 | 359,384.55             | Digital multifunctional copier machine     | 359,385.00               |          |                           |         |
| 559     | Director approval dt.04.10.10                 | 13,800.00              | LG refrigeretor                            | 13,800.00                |          |                           |         |
| 560     | CPSC/indl-Env. Lab/2009-10 dt.22.12.2009      | 374,903.00             | Equipments                                 | 374,903.00               |          |                           |         |
| 561     | CPSC/Envl. Engg. Lab/2010-11/03 dt.14.12.2010 | 62,438.00              | Quartz Double stage distiller basic        | 62,438.00                |          |                           |         |
| 562     | dt.04.12.10                                   | 52,223.00              | PA Comprassor                              | 52,223.00                |          |                           |         |
| 563     | dt.12.01.2006                                 | 233,000.00             | UPS- APC                                   | 233,000.00               |          |                           |         |
| 564     | cc /Video/09-10/02 dt.24.03.10                | 619,937.00             | Computer accessories                       | 619,937.00               |          |                           |         |
| 565     | CC/LCD / DC/2009-10/08 dt.05.03.10            | 109,125.00             | Sony VPL CX 150 LCD Projector              | 109,125.00               |          |                           |         |
| 566     | CC/LOGPRE/2010-11/04 dt.27.09.2010            | 210,000.00             | Logitech Professional Presenter R 800      | 210,000.00               |          |                           |         |
| 567     | Note CC/mail/10-11/01 dt.28.09.2010           | 1,388,622.00           | Software                                   | 1,388,622.00             |          |                           |         |
| 568     | cc/UPS/2010-11/01 dt.07/10/10                 | 20,000.00              | UPS  | 120,000.00               |          |                           |         |

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| Sr. No. | No. and date of Sanction                          | Amt. of the San. Grant | Particulars of Assets credited or acquired        | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 569     | CC/sony / LCD/2010-11/02 dt.31.08.2010            | 1,021,426.24           | LCD Projector                                     | 1,021,426.24             |          |                           |         |
| 570     | CC/swt/10-11/4 dt.7/10/2010                       | 1,637,700.00           | Computer accessories                              | 1,637,700.00             |          |                           |         |
| 571     | CC/UPS/2010-11/01 dt..7.10.2010                   | 185,100.00             | UPS   | 185,100.00               |          |                           |         |
| 572     | CC/CBL/MC/C/ SMRS/RAM/10-11/8 dt.10.11.2010       | 205,527.00             | Computer accessories                              | 205,527.00               |          |                           |         |
| 573     | CC/LCD/10-11/1 dt.21.01.2011                      | 20,825.00              | Computer accessories                              | 20,825.00                |          |                           |         |
| 574     | CC/UPS/2010-11/1 dt.07.10.2010                    | 368,993.00             | UPS   | 176,243.00               |          |                           |         |
| 575     | CC/UPS/2010-11/1 dt.07.10.2010                    | -                      | UPS   | 192,749.00               |          |                           |         |
| 576     | M&R /Equip/11-12/ 01 dt. 19/04/2011               | 72,000.00              | Godrej 2 OTR Split Ac                             | 72,000.00                |          |                           |         |
| 577     | Library App./ RDG-1/2011-12 dt.23/05/2011         | 51,770.00              | Camera Light, smart card setup                    | 51,770.00                |          |                           |         |
| 578     | E&F /2010-11/11 dt.10/03/2011                     | 135,360.00             | Industrial Filter system for hostel               | 135,360.00               |          |                           |         |
| 579     | E&F /2010-11/11 dt.10/03/2011                     | 114,080.00             | Industrial Filter system for hostel               | 114,080.00               |          |                           |         |
| 580     | CPSC/Estate/ Xerox/2011-12/02 dt,17/10/2011       | 367,391.95             | Xerox machine                                     | 367,391.95               |          |                           |         |
| 581     | CPSC/Hostels/ 2011-12/Scan dt.21/09/2011          | 349,313.00             | 4Door vertical Refrigerator with some accessories | 349,313.00               |          |                           |         |
| 582     | M&R / Equipment/2011-12/ 9 dt.26/09/2011          | 72,000.00              | Godrej 2 OTR Split Ac                             | 72,000.00                |          |                           |         |
| 583     | CPSC/BS/ Xerox/2011-12/01 dt,21/11/2011           | 127,255.00             | Xerox machine                                     | 127,255.00               |          |                           |         |
| 584     | CPSC/Placement/ OE/2011-12 dt.20/09/2011          | 79,500.00              | Ricoh Digital Photo copier                        | 79,500.00                |          |                           |         |
| 585     | Library App./ RDG-1 /2011-12 dt.23/05/2011        | 102,900.00             | Smart Card printer                                | 102,900.00               |          |                           |         |
| 586     | CPSC/Dir's Office/ Xerox/2011-12/03 dt.21/12/2011 | 372,392.00             | Xerox machine                                     | 372,392.00               |          |                           |         |
| 587     | Note No. AVS/2011-12/10 dt.09/01/2012             | 12,197.00              | DVD Player with some accessories                  | 12,197.00                |          |                           |         |
| 588     | CPSC/Library/ Xerox/2011-12 /03 dt.14.03.2012     | 300,474.00             | Xerox machine                                     | 300,474.00               |          |                           |         |

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|---------|--|------------------------|--|--------------------------|----------|---------------------------|---------|
| Sr. No. | No. and date of Sanction                             | Amt. of the San. Grant | Particulars of Assets credited or acquired   | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 589     | CPSC/S&T/<br>CCTV/2011-12/san.<br>Dt.21/09/2011      | 68,586.25              | samsung camera with accessories              | 48,570.74                |          |                           |         |
| 590     | CPSC/S&T/<br>CCTV/2011-12/san.<br>Dt.21/09/2011      | -                      | Moniter with cabling & conduiting            | 15,487.50                |          |                           |         |
| 591     | Library App./<br>RDG-1/2011-12<br>dt.23/05/2011      | 82,755.00              | PC linked digital camera with accessories    | 82,755.00                |          |                           |         |
| 592     | CC/MSDN/2010-11/<br>03 dt.20.9.2010                  | 1,589,762.00           | Desktop compus all language with accessories | 1,589,762.00             |          |                           |         |
| 593     | CC/ Net/<br>DLS/2010-11/01<br>dt.12/08/2010          | 127,400.00             | port switch                                  | 127,400.00               |          |                           |         |
| 594     | CC/NET/<br>DLS/2010-11/01<br>dt.12/08/2010           | 18,720.00              | Cat 6 cable                                  | 18,720.00                |          |                           |         |
| 595     | CC / Eqp/2011-12/<br>01 dt.16/08/2011                | 64,875.00              | Motorized screen 3 way rocker switch         | 64,875.00                |          |                           |         |
| 596     | CC/MSDN/2011-12-<br>01 dt.18/10/2011                 | 1,589,762.00           | Desktop Edu alng Lic sapk                    | 1,589,762.00             |          |                           |         |
| 597     | CC/Escan/11-12/05<br>dt.28.03.2012                   | 977,710.00             | Escan enterprise edition renewal             | 977,710.00               |          |                           |         |
| 598     | Directors Approval<br>Note dt.23/01/2012             | 11,900.00              | Plain paper Fax Machine KX-FP 701 CX         | 11,900.00                |          |                           |         |
| 599     | PUR/AVS/2011-12/<br>01 dt.16/03/2012                 | 37,800.00              | Studio Master Handheld Microphone DR-1237    | 37,800.00                |          |                           |         |
| 600     | PUR/AVS/2011-12/<br>01 dt.16/03/2012                 | 109,912.50             | Studio Master                                | 109,912.50               |          |                           |         |
| 601     | PUR/AVS/2012-13/<br>01 dt.18/05/2012                 | 329,882.00             | AG-AC 160 Camera with accessories            | 329,882.00               |          |                           |         |
| 602     | CPSC/Hostels/<br>2012-13/san.01<br>dt.14/05/2012     | 70,875.00              | Patato Peelers                               | 70,875.00                |          |                           |         |
| 603     | Equipment/2012-13/<br>04 dt.30/05/2012               | 154,500.00             | SPLIT AC                                     | 154,500.00               |          |                           |         |
| 604     | Equipment/2012-13/<br>04 dt.30/05/2012               | 23,991.00              | Copper pipe, cable, Drain pipe, Stand        | 23,991.00                |          |                           |         |
| 605     | CPSC/Xerox /XWC/<br>5755/2012-13/01<br>dt.30/05/2012 | 481,622.00             | Xerox Machine WC-5755                        | 481,622.00               |          |                           |         |
| 606     | CPSC/MDP/<br>Telephone /2012-13/<br>01 dt.19/06/2012 | 39,125.00              | Pillar Junction Box                          | 39,125.00                |          |                           |         |
| 607     | CPSC/Placement/<br>E&F/2012-13/04<br>dt.27/07/2012   | 26,300.00              | Refrigerator Double Door                     | 26,300.00                |          |                           |         |
| 608     | CPSC/CCTV/<br>E&F/2012-13<br>dt.10/09/2012           | 105,131.25             | SCD-2080-P (Camera) With accessories         | 105,131.25               |          |                           |         |

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|---------|---|------------------------|---|--------------------------|----------|---------------------------|---------|
| Sr. No. | No. and date of Sanction                              | Amt. of the San. Grant | Particulars of Assets credited or acquired  | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 609     | CPSC/CCTV/<br>E&F/2012-13<br>dt.10/09/2012            | 97,718.25              | Hdd 1+b cod sata with accessories           | 97,718.25                |          |                           |         |
| 610     | CPSC/CCTV/<br>E&F/2012-13<br>dt.10/09/2012            | 19,803.45              | Installation CCTV camera                    | 19,803.45                |          |                           |         |
| 611     | CPSC/CCTV/<br>E&F/2012-13                             | 35,910.00              | Back UPS & Rack                             | 35,910.00                |          |                           |         |
| 612     | Admn/CCTV/<br>E&F/2012-13<br>dt.03/10/2012            | 313,650.00             | SCD-2080-P (Camera)<br>With accessories     | 313,650.00               |          |                           |         |
| 613     | Admn/CCTV/<br>E&F/2012-13<br>dt.03/10/2012            | 72,607.50              | Hdd 1+b cod sata with accessories           | 72,607.50                |          |                           |         |
| 614     | Admn/CCTV/<br>E&F/2012-13<br>dt.03/10/2012            | 47,753.00              | Installation CCTV camera                    | 47,753.00                |          |                           |         |
| 615     | Admn/CCTV/<br>E&F/2012-13<br>dt.03/10/2012            | 37,209.38              | plyocab plexible cable, PVC Conduit         | 37,209.38                |          |                           |         |
| 616     | Admn/CCTV/<br>E&F/2012-13<br>dt.03/10/2012            | 33,140.02              | Installation & service charges              | 33,140.02                |          |                           |         |
| 617     | CPSC/CCTV/<br>E&F/2012-13<br>dt.30/10/2012            | 64,912.50              | SCD-2080-P, OEM                             | 64,912.50                |          |                           |         |
| 618     | CPSC/CCTV/<br>E&F/2012-13<br>dt.30/10/2012            | 58,537.50              | BNC+RCA connectors, PVC Conduit             | 58,537.50                |          |                           |         |
| 619     | CPSC/CCTV/<br>E&F/2012-13<br>dt.30/10/2012            | 47,753.00              | Installation & service charges              | 47,753.00                |          |                           |         |
| 620     | PGP/San./2012<br>dt.18/09/2012                        | 179,800.00             | Sony Bravia LED TV                          | 179,800.00               |          |                           |         |
| 621     | PGP/San./2012<br>dt.17/08/2012                        | 271,997.00             | 3 Burner Heavey Duty Bulk<br>Cooking Range. | 271,997.00               |          |                           |         |
| 622     | CPSC/CCTV/<br>E&F/2012-13<br>dt.19/12/2012            | 50,331.00              | Back UPS                                    | 48,645.99                |          |                           |         |
| 623     | CPSC/Academic/<br>XWC-7535/2012-13/<br>04 dt.12/12/12 | 508,725.00             | Xerox Machine WC-5735                       | 508,725.00               |          |                           |         |
| 624     | Equipment/2012-13/<br>06 dt.25/06/2012                | 103,000.00             | SPLIT AC                                    | 103,000.00               |          |                           |         |
|         | Equipment/2012-13/<br>16 dt.03/12/2012                | -                      | -   | -                        |          |                           |         |
| 625     | Equipment/2012-13/<br>06 dt.25/06/2012                | 27,854.00              | Installation charges & Accessories          | 27,854.00                |          |                           |         |
| 626     | S&T 2011-12<br>dt.16/10/2012                          | 17,437.50              | Bullet Camera SCD-2080 P                    | 17,437.50                |          |                           |         |
|         | S&T 2011-12/B<br>dt.21/11/2012                        | -                      | -   | -                        |          |                           |         |

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| Sr. No. | No. and date of Sanction                                 | Amt. of the San. Grant | Particulars of Assets credited or acquired   | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 627     | Dipensary<br>dt.23/01/2013                               | 40,500.00              | UNISTIM Computerized<br>multicurrent therapy | 40,500.00                |          |                           |         |
| 628     | CPSC /Acad/XWC-<br>3220DN/12-13/05<br>dt.6/03/2013       | 33,442.50              | Xerox Machine                                | 33,442.50                |          |                           |         |
| 629     | 37 dt.22/02/2013   | 303,188.00             | Kitchan Equipments                           | 303,187.50               |          |                           |         |
| 630     | CPSC/Prog/<br>XWC5020/2012-13/<br>05 dt.15/03/2013       | 84,254.65              | Xerox Machine WC-5020                        | 84,254.65                |          |                           |         |
| 631     | CC/NET/Hostels/05/<br>11-12/06<br>dt.14/03/2012          | 15,730.00              | Concb NT-29605455                            | 15,730.40                |          |                           |         |
| 632     | CC/NET/Hostels/05/<br>11-12/06<br>dt.14/03/2012          | 790,965.00             | Catalyst 29605                               | 790,965.00               |          |                           |         |
| 633     | CC/NET/Hostels/<br>11-12/05<br>dt.14/03/2012             | 243,810.00             | UTP Cable roll                               | 243,810.00               |          |                           |         |
| 634     | CC/NET/Hostels/<br>11-12/05<br>dt.14/03/2012             | 304,830.00             | Cat-6 UTP cable Tack With<br>strain Relief   | 304,830.00               |          |                           |         |
| 635     | CC/NET/Hostels/<br>11-12/05<br>dt.14/03/2012             | 107,079.00             | Surface Mounting Box & Accessories           | 107,079.00               |          |                           |         |
| 636     | CC/NET/Hostels/<br>11-12/05<br>dt.14/03/2012             | 134,747.73             | Laying of cat-6 UTP cable                    | 134,747.73               |          |                           |         |
| 637     | CC/Firewell/11-12/7<br>dt.31/03/2012                     | 791,459.00             | check Point 4800                             | 791,459.00               |          |                           |         |
| 638     | CC/Firewell 11-12/7<br>dt.31/03/2012                     | 62,091.00              | check Point                                  | 162,091.00               |          |                           |         |
| 639     | Director's Approval<br>Note.cc/12-13/01<br>dt.16/08/2012 | 72,000.00              | Mother Board, GB DDR 3 RAM,<br>Cabinet       | 72,000.00                |          |                           |         |
| 640     | Director's Approval<br>Note.cc/12-13/01<br>dt.09/07/2012 | 58,100.00              | Meley cat - 6 Cable                          | 58,100.00                |          |                           |         |
| 641     | CC/ACT/12-13/02<br>dt.18/10/12                           | 923,275.50             | Accessories                                  | 923,275.50               |          |                           |         |
| 642     | CC/ACT/12-13/02<br>dt.18/10/12                           | 54,505.84              | PRTNR SVP                                    | 54,505.84                |          |                           |         |
| 643     | CC/ACT/12-13/02<br>dt.18/10/12                           | 16,854.00              | Installation & Configuration on Cisco        | 16,854.00                |          |                           |         |
| 644     | CC/SPSS-20/12-13/<br>06 st.15/01/2013                    | 65,871.96              | IBM AMOS 21.0 (3 users)                      | 65,732.00                |          |                           |         |
| 645     | CC/SPSS-20/12-13/<br>05 st.15/01/2013                    | 998,000.00             | IBM SPSS Upgdr.                              | 998,000.00               |          |                           |         |
| 646     | CC/CBL/12-13/01<br>dt.18/10/12                           | 571,462.50             | UTP Cable                                    | 571,462.50               |          |                           |         |
| 647     | CC/CBL/12-13/01<br>dt.18/10/12                           | 16,433.26              | Accessories                                  | 16,433.25                |          |                           |         |

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| Sr. No. | No. and date of Sanction                           | Amt. of the San. Grant | Particulars of Assets credited or acquired                         | Value of the Asset as on | Disposed | Amt. realised on disposal | Remarks |
| 648     | CC/CBL/12-13/01<br>dt.18/10/12                     | 86,257.50              | Accessories  | 86,257.50                |          |                           |         |
| 649     | CC/CBL/12-13/01<br>dt.18/10/12                     | 231,945.00             | PVC Conduit with accessories                                       | 231,945.00               |          |                           |         |
| 650     | CC/CBL/12-13/01<br>dt.18/10/12                     | 90,674.52              | Laying of cat cable  | 90,674.52                |          |                           |         |
| 651     | CC/Billsoft/12-13<br>dt.25/02/2013                 | 21,000.00              | Upgradation of Akruti Vistaar Licenses                             | 21,000.00                |          |                           |         |
| 652     | CC/MSDN / 12-13<br>dt.18/12/2012                   | 1,832,365.00           | Desktop campus all Language  | 1,832,365.00             |          |                           |         |
| 653     | CC/LAN card/<br>2012-13/<br>dt.18/10/12            | 197,295.00             | catalyst 4500 E-series 12 Port                                     | 197,295.00               |          |                           |         |
| 654     | CC/SER/12-13<br>dt.20/11/2012                      | 711,249.00             | HP Proliant DLJ 80   | 711,249.00               |          |                           |         |
| 655     | Plan / Equip/13-14/<br>02 dt. 10/04/2013           | 125,000.00             | Window AC  | 125,000.00               |          |                           |         |
| 656     | CPSC/CCTV/<br>E & F/13-14/01<br>dt.13/08/2013      | 128,816.00             | Samsung Camera with Accessories                                    | 128,816.00               |          |                           |         |
| 657     | CPSC/CCTV/<br>E & F/13-14/02<br>dt.03/09/2013      | 382,600.00             | Hard Disks   | 382,600.00               |          |                           |         |
| 658     | Plan/Equip/13-14/02<br>dt. 16/09/2013              | 69,318.00              | UPS of 5KVA  | 69,318.00                |          |                           |         |
| 659     | Dispensary<br>dt.09/10/2013                        | 143,000.00             | Tetra Ex power Wheelchair  | 143,000.00               |          |                           |         |
| 660     | Plan/Equip/2013-14/<br>01 dt.24/07/2013            | 893,811.00             | Grand fos-mpc with pressure tank                                   | 893,811.00               |          |                           |         |
| 661     | Plan/Equip/2013-14/<br>05 dt.24/10/2013            | 114,470.00             | Split AC   | 114,470.00               |          |                           |         |
| 662     | Plan/Equip/2013-14/<br>05 dt.24/10/2013            | 120,464.00             | Split AC   | 120,464.00               |          |                           |         |
| 663     | Plan/Equip/13-14/5<br>dt.24/10/13                  | 25,300.00              | Air Conditioner  | 25,300.00                |          |                           |         |
| 664     | CPSC/E &F/2013-14<br>/01 dt.18/10/2013             | 53,000.00              | Push Button BPL Telephone  | 53,000.00                |          |                           |         |
| 665     | CPSC/E &F/2013-14<br>/02 dt.29/10/2013             | 60,997.65              | PRI CARD on EPABX System   | 60,997.65                |          |                           |         |
| 666     | CPSC/CCTV/<br>E & F/2013-14/01<br>dt. Dt. 24/03/14 | 15,525.00              | Samsung Camera   | 15,525.00                |          |                           |         |
| 667     | Equipment/2013-14<br>dt.15/04/2013                 | 1,589,512.00           | Installation testing & commissioning of power control center NITIE | 1,589,512.00             |          |                           |         |
| 668     | CC/DO/<br>A10/2013-14/2<br>dt. 18/06/2013          | 111,000.00             | Touch screen Desktop   | 111,000.00               |          |                           |         |
| 669     | CC/LAP/2013-14/3<br>dt.16/09/2013                  | 42,900.00              | logitech wireless mouse.   | 42,900.00                |          |                           |         |

Contd....

| A       | B   | C                      | D  | E                        | F                  | G                         | H       |
|---------|---|------------------------|--|--------------------------|--------------------|---------------------------|---------|
| Sr. No. | No. and date of Sanction                    | Amt. of the San. Grant | Particulars of Assets credited or acquired | Value of the Asset as on | Disposed           | Amt. realised on disposal | Remarks |
| 670     | CC/LAP/2013-14/3<br>dt.16/09/2013           | 5,433,477.05           | Laptop with printer                        | 5,433,477.05             |                    |                           |         |
| 671     | CC/LJ/<br>PRN/2013-14/4<br>dt.17/10/2013    | 174,992.40             | HP Laser jet Printer                       | 174,992.40               |                    |                           |         |
| 672     | CC/LAP/2013-14/3<br>dt.16/09/2013           | 379,500.00             | Hard Disks 1TB                             | 379,500.00               |                    |                           |         |
| 673     | CC/LJ/PRN/13-14/4<br>dt.17/10/13            | 139,900.00             | HP Laser jet Printer                       | 139,900.00               |                    |                           |         |
| 674     | CC/P-IV/RAM/<br>MB/10-11/10<br>dt.8/03/2011 | 50,000.00              | Cabinet, 2GB Ram, motherboard              | 50,000.00                |                    |                           |         |
| 675     | CC/E&F/2013-14/01<br>dt.01/05/2013          | 770,610.00             | software                                   | 770,610.00               |                    |                           |         |
| 676     | CC/Desk/<br>LCD/2013-14/06<br>dt.23/01/2014 | 268,752.00             | LCD Projector                              | 268,752.00               |                    |                           |         |
| 677     | CC/MSVC/2013-14/7<br>dt.24/01/2014          | 822,661.00             | Microsoft agreement licence                | 822,661.00               |                    |                           |         |
| 678     | CC/Desk/<br>LCD/2013-14/06<br>dt.23/01/2014 | 1,224,000.00           | Dell Desktop with monitor & Ram            | 1,224,000.00             |                    |                           |         |
| 679     | CC/SER/2013-14/8<br>dt.4/2/2014             | 99,790.00              | Computer Accessories                       | 99,790.00                |                    |                           |         |
| 680     | CC/HDD/2013-14/9<br>dt.13/03/2014           | 24,600.00              | Hard Disk 1tb                              | 24,600.00                |                    |                           |         |
| 681     | CC/HDD/2013-14/9<br>dt.13/03/2014           | 12,300.00              | Hard Disk 1tb                              | 12,300.00                |                    |                           |         |
| 682     | CC/PDS/2013-14/10<br>dt.24/03/2014          | 101,728.00             | Pull down screen                           | 101,728.00               |                    |                           |         |
| 683     | CC/HD/13-14/05<br>dt.18/11/2013             | 21,816.00              | External Hard Disk                         | 21,816.00                |                    |                           |         |
|         |   | #####                  | <b>TOTAL AMOUNT</b>                        | <b>156311712.07</b>      | <b>12647197.48</b> | <b>948036.00</b>          |         |

\*\*\*Disposed Capital Items By Receipt No M-059 dt.05/01/09 M-071 dt.09/01/09, M-120 & M-117 Dt.19/01/09 Value of Rs. 450902.00 as shown as Sl.no.489

## ANNEXURES

**ANNEXURE III : PROFORMA FOR FURNISHING THE INFORMATION RELATING TO NO.OF  
CIVILIAN POSTS, THEIR DESIGNATION AND SCALES OF PAY, ETC.IN RESPECT OF  
CIVILIAN EMPLOYEES OF THE AUTONOMOUS BODIES AS ON 31-03-2014**

| Sr. No. | Designation of the Post in Full | Scale of pay of the post in full | Grade Pay | Special Pay NPA Central Deout. Allow etc. attached to the post; if any | Status of Post     |         |           |               | Group of Post<br>Group-A<br>Group-B<br>Group-C<br>Group-D<br>Unclassified | No. of sanctioned Posts | Number of Employees in Position |
|---------|---------------------------------|----------------------------------|-----------|--|--------------------|---------|-----------|---------------|---|-------------------------|---------------------------------|
|         |                                 |                                  |           |  | Gazetted / Non-Gaz | Regular | Temporary | Supernumerary |   |                         |                                 |
|         | ACADEMIC                        |                                  |           |  |                    |         |           |               |   |                         |                                 |
|         | DIRECTOR                        | Rs.80000 (Fixed)                 | 0         | 0 **   | * N.G.             | 1       | 0         | 0             | A   | 1                       | 1                               |
|         | PROFESSOR                       | PB-4: 37400-67000                | 10500     | 2 **   | * N.G.             | 16      | 0         | 0             | A   |                         | 16                              |
|         | ASSOCIATE PROFESSOR             | PB-4: 37400-67000                | 9500      | 3 **   | * N.G.             | 22      | 1         | 0             | A   |                         | 23                              |
|         | ASSISTANT PROFESSOR             | PB-3: Rs. 30000                  | 8000      | 2 **   | * N.G.             | 15      | 0         | 0             | A   | 84                      | 15                              |
|         | MANAGER, COMPUTER CENTRE        | PB 3: 15600-39100                | 7600      | 0 **   | * N.G.             | 1       | 0         | 0             | A   | 1                       | 1                               |
|         | LIBRARY & INFO. OFFICER         | PB 3: 15600-39100                | 6600      | 0 **   | * N.G.             | 1       | 0         | 0             | A   | 1                       | 0                               |
|         | SYSTEMS DESIGNER                | PB 3: 15600-39100                | 6600      | 1 **   | * N.G.             | 2       | 0         | 0             | A   | 2                       | 1                               |
|         | SENIOR PROGRAMMER               | PB 3: 15600-39100                | 6600      | 2 **   | * N.G.             | 2       | 0         | 0             | A   | 2                       | 1                               |
|         | PROGRAMMER                      | PB 2: 9300-34800                 | 4600      | 3 **   | * N.G.             | 4       | 0         | 0             | A   | 4                       | 3                               |

\* Non-Gazetted

\*\* No. of Employees availing special pay as per small family norm.



**ANNEXURE III : PROFORMA FOR FURNISHING THE INFORMATION RELATING TO NO.OF CIVILIAN POSTS, THEIR DESIGNATION AND SCALES OF PAY, ETC.IN RESPECT OF CIVILIAN EMPLOYEES OF THE AUTONOMOUS BODIES AS ON 31-03-2014**

| Sr. No. | Designation of the Post in Full | Scale of pay of the post in full | Grade Pay | Special Pay NPA Central Deout. Allow etc. attached to the post; if any | Status of Post    |         |           |               | Group of Post<br>Group-A<br>Group-B<br>Group-C<br>Group-D<br>Unclassified | No. of sanctioned Posts | Number of Employees in Position |
|---------|---------------------------------|----------------------------------|-----------|--|-------------------|---------|-----------|---------------|---|-------------------------|---------------------------------|
|         |                                 |                                  |           |  | Gazetted /Non-Gaz | Regular | Temporary | Supernumerary |   |                         |                                 |
|         | <b>NON-ACADEMIC</b>             |                                  |           |  |                   |         |           |               |   |                         |                                 |
| 1       | REGISTRAR                       | PB 3: 15600-39100                | 7600      | 0 **   | * N. G.           | 1       | 0         | 0             | A   | 1                       | 1                               |
| 2       | C.O.E.                          | PB 3: 15600-39100                | 7600      | 0 **   | * N. G.           | 1       | 0         | 0             | A   | 1                       | 1                               |
| 3       | DEPUTY REGISTRAR                | PB 3: 15600-39100                | 6600      | 1 **   | * N. G.           | 3       | 0         | 0             | A   | 3                       | 3                               |
| 4       | MEDICAL OFFICER                 | PB 3: 15600-39100                | 5400      | #, 0 **  | * N. G.           | 1       | 0         | 0             | A   | 1                       | 1                               |
| 5       | ASSISTANT REGISTRAR             | PB 3: 15600-39100                | 5400      | 1 **   | * N. G.           | 3       | 0         | 0             | A   | 3                       | 2                               |
| 6       | ACCOUNTS OFFICER                | PB 2: 9300-34800                 | 4600      | 0 **   | * N. G.           | 1       | 0         | 0             | B   | 1                       | 1                               |
| 7       | HINDI OFFICER                   | PB 2: 9300-34800                 | 4600      | 0 **   | * N. G.           | 1       | 0         | 0             | B   | 1                       | 1                               |
| 8       | SECRETARY TO DIRECTOR           | PB 2: 9300-34800                 | 4600      | 0 **   | * N. G.           | 1       | 0         | 0             | B   | 1                       | 1                               |
| 9       | SR. SUPERINTENDENT              | PB 2: 9300-34800                 | 4600      | 2 **   | * N. G.           | 4       | 0         | 0             | B   | 4                       | 4                               |
| 10      | ASST.LIB.&INFO.OFFICER          | PB 2: 9300-34800                 | 4600      | 0 **   | * N. G.           | 1       | 0         | 0             | B   | 1                       | 0                               |
| 11      | SUPERINTENDENT                  | PB 2: 9300-34800                 | 4200      | 6 **   | * N. G.           | 13      | 0         | 0             | B   | 13                      | 11                              |
| 12      | HINDI TRANSLATOR (SR.)          | PB 2: 9300-34800                 | 4600      | 1 **   | * N. G.           | 1       | 0         | 0             | B   | 1                       | 0                               |
| 13      | SR.LIB.&INFO.ASSISTANT          | PB 2: 9300-34800                 | 4200      | 1 **   | * N. G.           | 2       | 0         | 0             | B   | 2                       | 2                               |
| 14      | ASSISTANT                       | PB 2: 9300-34800                 | 4200      | 3 **   | * N. G.           | 12      | 1         | 0             | C   | 12                      | 5                               |
| 15      | NURSE                           | PB 2: 9300-34800                 | 4200      | 0 **   | * N. G.           | 1       | 0         | 0             | C   | 1                       | 1                               |
| 16      | SR. STENOGRAPHER                | PB 2: 9300-34800                 | 4200      | 4 **   | * N. G.           | 11      | 0         | 0             | C   | 11                      | 6                               |
| 17      | LIB. & INFO. ASSISTANT          | PB 2: 9300-34800                 | 4200      | 0 **   | * N. G.           | 2       | 0         | 0             | C   | 2                       | 1                               |
| 18      | JR. HINDI TRANSLATOR            | PB 2: 9300-34800                 | 4200      | 0 **   | * N. G.           | 1       | 0         | 0             | C   | 1                       | 1                               |
| 19      | HOSTEL MANAGER                  | PB 1: 5200-20200                 | 2800      | 1 **   | * N. G.           | 1       | 0         | 0             | C   | 1                       | 0                               |
| 20      | CASHIER                         | PB 1: 5200-20200                 | 2800      | 0 **   | * N. G.           | 1       | 0         | 0             | C   | 1                       | 1                               |

\* Non-Gazetted

\*\* No. of Employees availing special pay as per small family norm.

# NPA

Continued ...

**ANNEXURE III : PROFORMA FOR FURNISHING THE INFORMATION RELATING TO NO.OF CIVILIAN POSTS, THEIR DESIGNATION AND SCALES OF PAY, ETC.IN RESPECT OF CIVILIAN EMPLOYEES OF THE AUTONOMOUS BODIES AS ON 31-03-2014**

| Sr. No. | Designation of the Post in Full | Scale of pay of the post in full | Grade Pay | Special Pay NPA Central Deout. Allow etc. attached to the post; if any | Status of Post    |         |           |               | Group of Post Group-A Group-B Group-C Group-D Unclassified | No. of sanctioned Posts | Number of Employees in Position |
|---------|---------------------------------|----------------------------------|-----------|--|-------------------|---------|-----------|---------------|--|-------------------------|---------------------------------|
|         |                                 |                                  |           |  | Gazetted /Non-Gaz | Regular | Temporary | Supernumerary |  |                         |                                 |
|         | <b>NON-ACADEMIC</b>             |                                  |           |  |                   |         |           |               |  |                         |                                 |
| 21      | COMPOUNDER                      | PB 1 : 5200-20200                | 2800      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 22      | T.O.C.R                         | PB 1 : 5200-20200                | 2400      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 23      | JR. STENOGRAPHER                | PB 1 : 5200-20200                | 2400      | 2 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 1                               |
| 24      | U.D.C.                          | PB 1 : 5200-20200                | 2400      | 4 **   | * N. G.           | 13      | 0         | 0             | C  | 13                      | 12                              |
| 25      | L.D.C.                          | PB 1 : 5200-20200                | 1900      | 8 **   | * N. G.           | 26      | 0         | 1             | C  | 26                      | 19                              |
| 26      | LIBRARY CLERK                   | PB 1 : 5200-20200                | 1900      | 3 **   | * N. G.           | 4       | 0         | 0             | C  | 4                       | 4                               |
| 27      | DESPATCH RIDER                  | PB 1 : 5200-20200                | 1900      | 1 **   | * N. G.           | 1       | 0         | 0             | C  | 1                       | 0                               |
| 28      | TELEPHONE OPERATOR              | PB 1 : 5200-20200                | 1900      | 1 **   | * N. G.           | 6       | 0         | 0             | C  | 6                       | 5                               |
| 29      | MISTRY                          | 1 S : 4440-7440                  | 1800      | 1 **   | * N. G.           | 5       | 0         | 0             | D  | 5                       | 3                               |
| 30      | DAFTARY                         | 1 S : 4440-7440                  | 1800      | 2 **   | * N. G.           | 3       | 0         | 0             | D  | 3                       | 3                               |
| 31      | LIB. ATTENDANT                  | 1 S : 4440-7440                  | 1800      | 2 **   | * N. G.           | 4       | 0         | 0             | D  | 4                       | 3                               |
| 32      | BEARER                          | 1 S : 4440-7440                  | 1800      | 2 **   | * N. G.           | 7       | 0         | 3             | D  | 7                       | 5                               |
| 33      | HOSTEL ATTENDANT                | 1 S : 4440-7440                  | 1800      | 1 **   | * N. G.           | 7       | 0         | 0             | D  | 7                       | 3                               |
| 34      | PEON                            | 1 S : 4440-7440                  | 1800      | 6 **   | * N. G.           | 20      | 1         | 1             | D  | 20                      | 12                              |
| 35      | WATCHMAN                        | 1 S : 4440-7440                  | 1800      | 4 **   | * N. G.           | 12      | 0         | 0             | D  | 12                      | 9                               |
| 36      | SWEEPER                         | 1 S : 4440-7440                  | 1800      | 3 **   | * N. G.           | 19      | 0         | 0             | D  | 19                      | 10                              |
| 37      | MALI                            | 1 S : 4440-7440                  | 1800      | 0 **   | * N. G.           | 2       | 0         | 0             | D  | 2                       | 1                               |
| 38      | ATTENDANT                       | 1 S : 4440-7440                  | 1800      | 5 **   | * N. G.           | 18      | 0         | 2             | D  | 18                      | 11                              |

\* Non-Gazetted

\*\* No. of Employees availing special pay as per small family norm.

# NPA

**ANNEXURE III : PROFORMA FOR FURNISHING THE INFORMATION RELATING TO NO.OF CIVILIAN POSTS, THEIR DESIGNATION AND SCALES OF PAY, ETC.IN RESPECT OF CIVILIAN EMPLOYEES OF THE AUTONOMOUS BODIES AS ON 31-03-2014**

| Sr. No. | Designation of the Post in Full | Scale of pay of the post in full | Grade Pay | Special Pay NPA Central Deout. Allow etc. attached to the post; if any | Status of Post    |         |           |               | Group of Post Group-A Group-B Group-C Group-D Unclassified | No. of sanctioned Posts | Number of Employees in Position |
|---------|---------------------------------|----------------------------------|-----------|--|-------------------|---------|-----------|---------------|--|-------------------------|---------------------------------|
|         |                                 |                                  |           |  | Gazetted /Non-Gaz | Regular | Temporary | Supernumerary |  |                         |                                 |
|         | <b>TECHNICAL</b>                |                                  |           |  |                   |         |           |               |  |                         |                                 |
| 1       | EXECUTIVE ENGINEER              | PB 3 : 15600-39100               | 6600      | 0 **   | * N. G.           | 1       | 0         | 0             | A  | 1                       | 1                               |
| 2       | VIDEO CAMERAMAN                 | PB 2 : 9300-34800                | 4200      | 1 **   | * N. G.           | 1       | 0         | 0             | B  | 1                       | 1                               |
| 3       | DATA PROCESSING ASST.GR.B       | PB 2 : 9300-34800                | 4200      | 1 **   | * N. G.           | 2       | 0         | 0             | B  | 2                       | 1                               |
| 4       | TECHNICAL ASST. (SR)            | PB 2 : 9300-34800                | 4200      | 0 **   | * N. G.           | 2       | 0         | 0             | B  | 2                       | 2                               |
| 5       | JR. ENGINEER                    | PB 2 : 9300-34800                | 4200      | 1 **   | * N. G.           | 3       | 0         | 0             | B  | 3                       | 2                               |
| 6       | TECH. ASSISTANT                 | PB 1 : 5200-20200                | 2800      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 7       | DATA ENTRY OPR.GR-B             | PB 1 : 5200-20200                | 2800      | 2 **   | * N. G.           | 4       | 0         | 0             | C  | 4                       | 3                               |
| 8       | MECH. 'A'                       | PB 1 : 5200-20200                | 2400      | 4 **   | * N. G.           | 5       | 0         | 0             | C  | 5                       | 4                               |
| 9       | DRAUGHTSMAN                     | PB 1 : 5200-20200                | 2400      | 0 **   | * N. G.           | 1       | 0         | 0             | C  | 1                       | 1                               |
| 10      | DATA ENTRY OPR GR-A             | PB 1 : 5200-20200                | 2400      | 0 **   | * N. G.           | 3       | 0         | 0             | C  | 3                       | 0                               |
| 11      | MECH. 'B'                       | PB 1 : 5200-20200                | 2400      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 12      | DRIVER                          | PB 1 : 5200-20200                | 1900      | 4 **   | * N. G.           | 9       | 0         | 0             | C  | 9                       | 8                               |
| 13      | PLUMBER                         | PB 1 : 5200-20200                | 1900      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 14      | MECH. 'C'                       | PB 1 : 5200-20200                | 1900      | 1 **   | * N. G.           | 8       | 1         | 1             | C  | 8                       | 8                               |
| 15      | DUPLICATING OPERATOR            | PB 1 : 5200-20200                | 1900      | 1 **   | * N. G.           | 2       | 0         | 0             | C  | 2                       | 2                               |
| 16      | PUMP ATTENDANT                  | 1 S : 4440-7440                  | 1800      | 1 **   | * N. G.           | 3       | 0         | 0             | D  | 3                       | 1                               |
| 17      | BUS ATTENDANT                   | 1 S : 4440-7440                  | 1800      | 0 **   | * N. G.           | 2       | 0         | 0             | D  | 2                       | 1                               |
| 18      | MOTOR CLEANER                   | 1 S : 4440-7440                  | 1800      | 1 **   | * N. G.           | 2       | 0         | 0             | D  | 2                       | 1                               |
| 19      | WORKSHOP ATTENDANT              | 1 S : 4440-7440                  | 1800      | 1 **   | * N. G.           | 1       | 0         | 0             | D  | 1                       | 1                               |

\* Non-Gazetted

\*\* No. of Employees availing special pay as per small family norm.

**ANNEXURE IV : SUMMARY OF NO. OF SANCTIONED POSTS AND  
NO. IN POSITION - GROUPWISE**

| <b>GROUP OF POST</b> | <b>SANCTIONED POST</b> | <b>EMPLOYEES IN POSITION (R+T+S)</b> |
|----------------------|------------------------|--------------------------------------|
|                      | <b>ACADEMIC</b>        |                                      |
| A                    | 91                     | 58                                   |
| B                    | 4                      | 3                                    |
| C                    | 0                      | 0                                    |
| D                    | 0                      | 0                                    |
| <b>SUB-TOTAL</b>     | 95                     | 61                                   |
|                      | <b>NON-ACADEMIC</b>    |                                      |
| A                    | 9                      | 8                                    |
| B                    | 24                     | 20                                   |
| C                    | 85                     | 60                                   |
| D                    | 97                     | 60                                   |
| <b>SUB-TOTAL</b>     | 215                    | 148                                  |
|                      | <b>TECHNICAL</b>       |                                      |
| A                    | 1                      | 1                                    |
| B                    | 8                      | 6                                    |
| C                    | 40                     | 32                                   |
| D                    | 8                      | 4                                    |
| <b>SUB-TOTAL</b>     | 57                     | 43                                   |
| <b>TOTAL</b>         | <b>367</b>             | <b>252</b>                           |

R - Regular

T - Temporary

S - Supernumerary

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