PLACEMENT BROCHURE

2014-15





DEPARTMENT OF TRAINING AND PLACEMENT NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR JAMMU & KASHMIR - 190006, INDIA EMAIL: placements@nitsri.net

CONTENTS www.nitsri.net



ABOUT NIT SRINAGAR

Mission

"The mission of National Institute of Technology, Srinagar is to train and transform its students and faculty into well trained and highly motivated engineers and scientists who become knowledge makers as well as knowledge users to contribute to nation building with high degree of professional excellence."

Vision

"To establish a unique identity of National Institute of Technology, Srinagar by development of high quality technical manpower and resources for contribution to economic and social development of the nation at large and the region at particular."

National Institute of Technology, Srinagar, a confluence of technical excellence, scientific advancement and robust technologists, has been empowering the industries and sciences all over the world since 1960.

The institute was one of the first eight Regional Engineering Colleges established by the Govt. of India during the first 5 year plan.

The institute stands at the banks of the famous Dal Lake on one side and holy Hazratbal Shrine on other, giving its students a peaceful and serene environment to achieve excellence. It is well equiped with all modern facilities. The curriculum is constantly updated. Students are deputed for a compulsory 6-8 week Practical Training in an industry or on a project to familiarize with the actual industrial environment and to enhance their practical skills.







राष्ट्रीय प्रौधोगिकी संस्थान श्रीनगर NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR Hazratbal - 190006 J&K

No.: NIT/2014-15

Dated: 01/06/2014

Prof. Rajat Gupta Director

National Institute of Technology, Srinagar is the only technical institute of national importance in the state of Jammu & Kashmir and is one of the premier technical institutes of India. The institute was one of the first eight Regional Engineering Colleges, established in 1960, by the Government of India. In 2003, the institute was converted to National Institute of Technology by the Ministry of Human Resource and Development, Government of India, as an institute of National Importance.

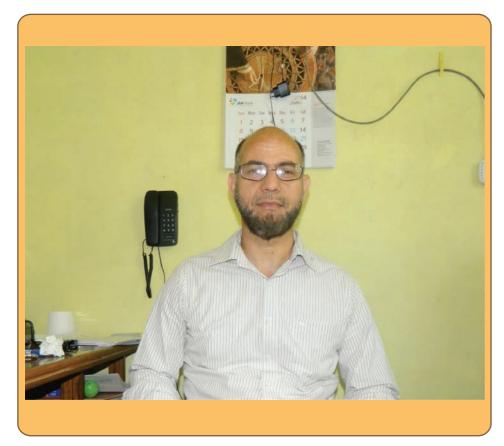
We have been imparting quality education since the inception of the institute by focusing on technical advancements and research. The institute offers B.Tech courses in eight different disciplines. Besides B.Tech courses, the institute offers M.Tech programmes in Civil Engineering, Electonics & Communication Engineering and Mechanical Engineering and Ph.D programmes in all departments. The students are admitted on the basis of JEE, DASA and GATE every year. Our faculty members are actively participating in National and International Conferences and Seminars, workshops and other related research activities.

It gives me immense pleasure to mention that NIT Srinagar has been awarded "OUTSTANDING ENGINEERING INSTITUTE (NORTH)" by DAINIK BHASKAR in 2013 and "OUTSTANDING ENGINEERING INSTITUTE (NORTH)" by ABP NEWS in 2014. Department of Training and Placement at NIT Srinagar plays a key role in finding a safe and secure future for our students and also provides an opportunity for them to choose their career in areas of their interest. Various national and multinational companies, reputed public sector undertaking, etc. regularly visit our institute for campus recruitment. Many of our students are currently heading various leading organizations and shouldering vital responsibilities in both India and abroad. The institute maintains very good relationship with the recruiters and all possible hospitality is extended to them. I am quite sure that students of our institute will prove themselves capable enough to meet the challenges of modern technical world.

I wish them all the best for their future.

Prof. Rajat GuptaDirector, NIT Srinagar

MESSAGE FROM HEAD, T&P DEPARTMENT



National Institute Of Technology, Srinagar, strives to produce engineering graduates of high quality who are team players, accountable, resourceful and above all, technically competent. Our curriculum is designed to cater to the needs and aspirations of the industry, and our top class faculty ensures that the students acquire and develop the necessary technical and decision making skills to be leaders in the dynamic world of industry.

I take this opportunity to invite you to our campus and recruit from our fresh and wonderful talent pool. Our graduates, I am sure, will deliver with unmatched dedication and professional enthusiasm.

Babar Ahmad

Head, Training and Placement Department Professor, Dept. of Mechanical Engineering

ADMISSION PROCEDURE



CHEMICAL ENGINEERING







The Department of Chemical Engineering, started in 1963, offers B.Tech Degree and maintains high standards of teaching and training to enable the students to do best in national and international markets. Its alumni hold important positions in industries in India and abroad. It has close liaison with J&K Science and Technology Department, J&K Pollution Control Board and Regional Research Laboratory, Jammu.

MAJOR COURSES OFFERED

Plant Design
Fluid Mechanics
Mass and Energy Balance
Mechanical Operations
Process Equipment Design
Chemical Reaction Engineering
Chemical Engineering Thermodynamics
Instrumental Methods of Analysis
Petroleum & Petrochemical Technology

LABS

Bio Chemical Lab
Instrumentation & Process Control Lab
Fluid Mechanics Lab
Chemical Reaction Engineering Lab
Membrane Science & Technology Lab
Industrial Software Lab

Heat and Mass Transfer
Energy Engineering
Transport Phenomena
Biochemical Engineering
Process Dynamics & Control
Heat & Power Engineering
Polymer Science & Technology
Optimization Techniques
Environmental Engineering

Mass Transfer Lab
Environmental Lab
Heat Transfer Lab
Mechanical Operation Lab
Energy Engg. Lab





CIVIL ENGINEERING







Established in 1960, the Dept. of Civil Engineering has grown over the years in terms of laboratory infrastructure, consultancy reach and quality of teaching faculty. The department offers B.Tech in Civil Engg. and M.Tech in Water Resources Engineering Structural Engg, Transportation Engg and Geo-Technical Engg and also Ph.D A center of Earthquake Engineering is also being established soon. The Geo Technical Section has been awarded by RITES Ltd.

MAJOR COURSES OFFERED

Structural Engineering
Surveying
Geotechnical Engineering
Design of R.C.C. Structures
Highway and Bridge Engineering
Railway and Airport Engineering
Hydro Power Engineering
Engineering Geology & Mineralogy
Environmental Engineering
Architecture & Town Planning
Rock Mechanics & Tunneling

LABS

Structural Engineering Lab Geotechnical Engineering Lab Highway and Transportation Lab Hydro-Meteorological Lab Water Resources Engineering
Fluid Mechanics
Transportation Engineering
Design of Steel Structures
Concrete Technology
Computer Aided Design
Earthquake Resistant Design
Structural Dynamics
Irrigation & Flood Control Engg.
Seismology
Quantity Surveying & Cost
Evaluation

Fluid Mechanics Lab Geology Lab Concrete Lab C.A.D. Lab





COMPUTER SCIENCE & ENGINEERING







Established in 2007, The Department of Computer Science and Engineering offers undergraduate, postgraduate and Ph.D courses, based on theoretical foundations and applications of Computer Science. In addition to academics, the C.S.E. department also has computer science research programmes supported through government and industry funding.

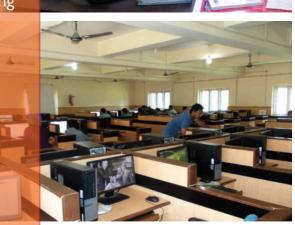
MAJOR COURSES OFFERED

Object Oriented Programming
Digital Electronics & Logic Design
Design And Analysis of Algorithms
Computer Organization & Architecture
Database Management System
Artificial Intelligence
Compiler Design
Computer Graphics
Unix-Shell Programming
Advance Java

LABS

Computer Programming Lab Computer Networks Lab Microprocessor Lab Internet And Web Designing
Data Structure Using C
Operating System
Microprocessor
Computer Networks
Theory of Computation
Network Security
VLSI Design
Digital Signal Processing
Embedded Systems







ELECTRICAL ENGINEERING







Established in 1960, the Department of Electrical Engineering aims to impart quality education and research. It caters to the ever challenging needs of electrical engineering as per the recent trends. It offers B.Tech and M. Tech in 'Electrical Power & Energy Systems' with exposure in SCADA & HVDC systems. It also offers consultancy in areas of Power System and Power Electronics.

MAJOR COURSES OFFERED

Network Analysis and Synthesis Digital Signal Processing Hydraulics & Hydraulic Machines Control Systems Microprocessors Computer Aided Simulation Stand Alone Power System EHV AC & DC Transmission Fuzzy Logic & Neural Networks

LABS

High Voltage Engineering Maintenance & Design of Electrical Sub Stations

Analog & Digital Electronics Electrical Engineering Materials Electric Machines Power Electronics Power Systems Communication Systems Distribution System Automation Microcontrollers

Flexible AC Transmission Systems Electric Drives

Power apparatus Lab High Voltage Engineering Lab Control Systems Lab Power electronics Lab Departmental Workshop





ELECTRONICS AND COMMUNICATION ENGG.







Established in 1984, the Department of Electronics and Communication Engineering has developed a vast lab infrastructure and a competent faculty. The department offers consultancy and research in VLSI design, Image Processing, Communications, Micro-Electronic, Machine-Vision and Data Security.

MAJOR COURSES OFFERED

Analog Electronics Digital Electronics & Logica Design Communication Systems **C** Programming Microprocessor Network Analysis Embedded System Digital Signal Processing Microwave & Radar Engineering Solid State Technology

LABS

Analog Electronics Lab Communication System Lab Microprocessor Lab Microwave Engineering Lab

Computer Hardware & Organization Signals And Systems Electromagnetic Waves V.L.S.I. Wireless & Mobile Communication Semiconductor Physics & Devices

Control System

Digital Electronics Lab Control System Lab Digital Signal Processing Lab **Electronics Design Automation Tool**

System Programming





INFORMATION TECHNOLOGY







The Department of Information Technology established in 2007, offers four year (B.Tech) in Information Technology. It has a broad curriculum including: Database Management, Software Engineering, Management of Information System, Computer Graphic, Advanced Internet Technology, Data Mining as main courses and other courses in collaboration with the other departments.

MAJOR COURSES OFFERED

Object Oriented Programming
Digital Electronics & Logic Design
Design And Analysis of Algorithms
Computer Organization & Architecture
Database Management System
Management of Information System
Advanced Internet Technologies
Image Processing
Artificial Intelligence
Advance Java

LABS

Computer Programming Lab Computer Networks Lab Microprocessor Lab Image Processing Internet & Web Designing
Data Structure Using C
Operating System
Microprocessor
Computer Networks
Network Security
Computer Graphics
Information Security
G.I.S.
Embedded Systems

Digital Electronics Lab
Computer Graphics Lab
Internet Technologies Lab





MECHANICAL ENGINEERING







Established in 1960, the Department of Mechanical Engineering offers courses in B.Tech, M.Tech and Ph.D. The department has 12 labs to cater to the needs of the students. The real strength of the department lies in its qualified, dedicated and motivated faculty. A Maintenance Engineering Center was set up as a joint collaboration between India and Italy and has latest equipments including the N.D.T. equipment, Scara Robot, etc.

MAJOR COURSES OFFERED

Machine Design
Automatic Control
Linear Optimization in Engineering
Production & Operation Management
Acoustics
Acoustics
Value Engineering
CAD of Thermal System
Computer Application In Mechanical Engg.
Computer Aided Manufacturing & Industrial Automation
Engineering graphics & Computer Modelling

Hydraulic Marchanical Prize Mechatron
Internal Computer Notation
Power Plant
Continuum
Fracture Mathematical Engg.
Fracture Mathematical Prize
Fracture

Hydraulic Machinery
Tribology
Mechatronics
Internal Combustion Engines
Theory Of Elasticity
Power Plant Engineering
Continuum Mechanics
Fracture Mechanics



LABS

Computer Aided Design Lab
Fluid Mechanics Lab
C. A. M. And Industrial Automation Lab
Theory of Machine Lab
Industrial Engineering Lab
Mechatronics Lab
Internal Combustion Lab

Manufacturing Technology Lab Mechanics of Materials Lab Applied Thermodynamics Lab Heat Transfer Lab Tribology Lab Computer Application Lab

METALLURGICAL AND MATERIALS ENGG.







Established in 1963, the Department consists of well dedicated and qualified faculty and have good laboratory infrastructure. The Faculty Specializations include: High Temperature Corrosion, Failure Analysis, Process Metallurgy, Material Science, Nano Technology and Electro Metallurgy. The Indian Institute of Metals Student's chapter is running successfully. The Department also plans to introduce a P.G. course in Materials Technology.

MAJOR COURSES OFFERED

Manufacturing Technology

LABS

Metallography

Thermodynamics

Powder-Metallurgy

Metallurgical Analysis

Non Ferrous Metallurgy

Refractory

Metallography Powder Metallurgy Welding Metallurgy Physical Metallurgy Metallurgical instrumentation & Analysis Geology and Mineralogy Mechanical Metallurgy Ceramic and Glass Technology Production of Non Ferrous Metals Production of Iron & Ferrous-Alloys Minerals Techno (Mineral Dressing)

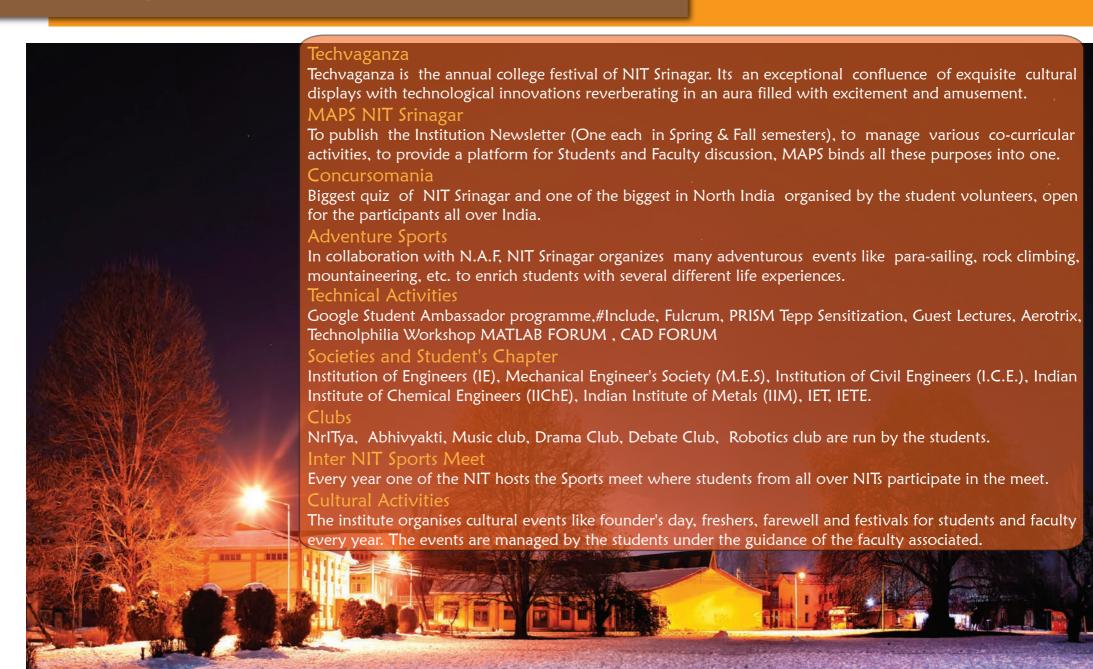
Steel Technology Mechanics of Solids Foundry Technology Materials Technology Heat Treatment of Materials Metallurgy of Nuclear Materials Fuels, Furnaces & Refractories Advanced Metallurgical Techniques Principles of Metal Extraction Thermodynamics & Kinetics













NIT Student bags 'Best Paper Award'

Monitor News Bureau

SRINAGAR: Sagib Gulzar, a B.tech student pursuing civil engineering at the NIT Srinagar has bagged 'The Best Paper Award' at the International Conference on Advances in Engineering & Technology (ICAET-2014) held at Nagpur on 8th & 9th January-2014.

Sagib and an M tech scholar Saima Showkat, con- Munshi Bagh & Saffapora ity Parameters of River believes that he can do much ducted the research under the and we found the water qualsupervision of Prof. A.Q.Dar and the paper was presented poor", Saqib said in the conference by Saqib.

three diffrent sites: Sangam, ment of Various Water Qual-ferent sites. Saqib has dedi-surprise", he said



ity of river jehlum is very Inclusive Water Quality Moni-

"We did our research at Analysis and Spatial Assess- of river Jehlum at three dif- he took all the people by

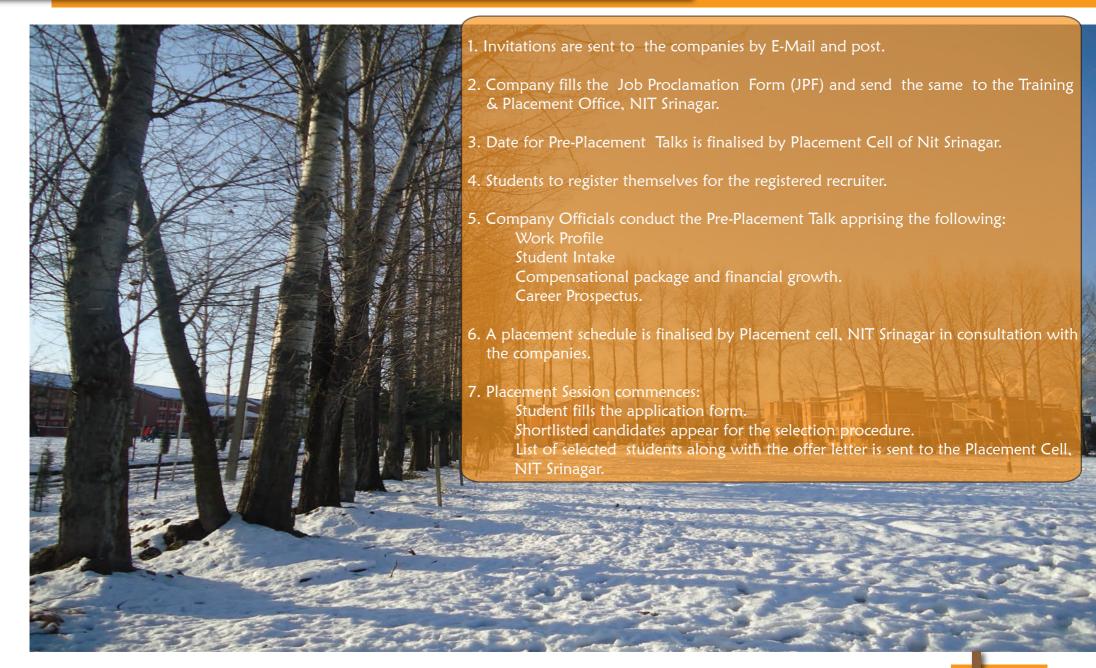
Jehlum, J&K, India for an toring Program", they had but Saqib presented the pa-In the paper titled"Trend researched the water quality per in such a good way that

cated his success to his family and to NIT fraternity particularly the Director Prof. Rajat Gupta.

"I dedicate this success to my mother who has worked hard to give me better education and helped me achieve my dreams and desires", he said

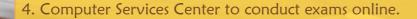
Abdul Qayoom Dar, Professor of Civil Engineering feels proud of his student and better in future."It was the collective work of our team

RECRUITMENT PROCEDURE



FACILITIES PROVIDED TO RECRUITERS

- 1. Local transportation arrangement by the institute for the visiting team.
- 2. Conference Hall with well equipped with audio multimedia computer and LCD Projection facilities and have a sitting capacity of 100 for pre-placement presentations.
- 3. Halls for conducting written tests and rooms for conducting interviews.





 Accommodation in the institute guest with Boarding & Lodging facilities on Demand. Accommodation can also be arranged in nearby hotels.

7. Internet, Fax, Phone, Printing Facilities for the visiting team.

8. The academic session of institute is different in the sense that the month of January and February are off for winter vacation, and the placement season is on throughout the year.







HOW TO REACH NIT SRINAGAR

BY AIR:

Sheikh ul Alam Airport, commonly known as Srinagar Airport (IATA: SXR) Flights are operated from Delhi to Srinagar, with or without a hop at Jammu.

| FLIGHT | FLIGHT NO. |
|-------------|------------|
| IndiGo | 6E-554 |
| IndiGo | 6E-555 |
| IndiGo | 6E-525 |
| Air India | AI-821 |
| IndiGo | 6E521 |
| Spicejet | SG-853 |
| IndiGo | 6E-551 |
| IndiGo | 6E-435 |
| Spicejet | SG-865 |
| Air India | AI-866 |
| Air India | AI-427 |
| Spicejet | SG-868 |
| Spicejet | SG-851 |
| Jet Airways | 9W-603 |
| Spicejet | SG-224 |
| | |

BY RAIL:

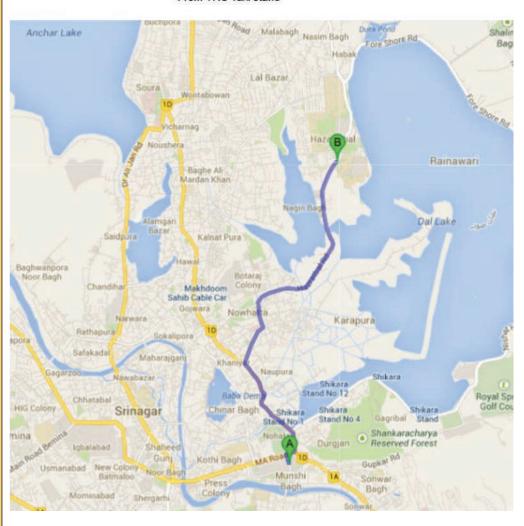
Jammu Tawi (JAT) is the nearest major railway station to Srinagar, which is at a distance of 290 kms. Jammu railway station is well connected to all major cities in India by rail.

Taxi services are available from Jammu to Srinagar.

NIT Srinagar is about 8 km. from the Tourist Reception Center (TRC) from where all airport buses and other long route coaches originates and terminates.



Directions to National Institute of Technology
Hazratbal Rd, Hazaratbal, Srinagar, Jammu and Kashmir 190006
7.3 km – about 10 mins
From TRC Taxi stand



PREVIOUS RECRUITERS

HONDA MOTORS

| ABB | HPCL | RELIANCE TELECOM |
|-------------------------|---------------------------------|----------------------------------|
| ACC | IBM | RELIANCE POWER |
| AFCONS | INFOSYS | RESONANCE EDUVENTURES PVT. LTD. |
| ALSTOM | IOCL | RITES |
| AMDOCS | IRCON | RUBAMIN |
| ARICENT | ISMT | SAGASIOUS RESEARCH |
| atkins | JCB | SAMSUNG RESEARCH INSTITUTE NOIDA |
| AXA | JSW | SAPIENT |
| BHARAT ELECTRONICS LTD. | KIRLOSKAR OIL | SATYAM COMPUTERS |
| BHARTI INFRATEL LTD. | KONKAN RAILWAY CORPORATION LTD. | SAMSUNG ELECTRONICS LTD. |
| BPCL | L&T ECC | SIMPLEX |
| CAPEGEMINI | L&T INFOTECH | SISO |
| CARBORUNDUM | MAHINDRA & MAHINDRA | SRF |
| COAL INDIA | MAHINDRA SATYAM | STERLITE |
| DEL | MARUTI | SYNTEL |
| DENSO | MECON | TATA AUTOCOM |
| DRDO | MICROSOFT | TATA GROUP |
| DRISHTI SOFTWARE | MU SIGMA | TATA INDICOM |
| EGAIN | NHPC | TATA SERVICES |
| ERA | nokia siemens | TATA TELE SERVICES |
| ESSAR | NTPC | TCS |
| finisar | ONGC | TELCON |
| FISERV | PATEL ENGINEERING | TRIDENT |
| FLAREUM | PATNI COMPUTERS | VEDANTA |
| GADHIA SOLAR | PDIL | VOXTA |
| HCC | POLARIS | WIPRO |
| HCL | POWER GRID | YAMAHA |
| HLS ASIA | PUNJ LLOYD | |

RANCORE

PROUD ALUMNI

C. Phunsog Padmashree and Ex-Chairman, Public Service Selection Board India

Irshad Ahmed Buchh Consulting Technical Director, Oracle Corporation, USA

Mahesh B Director of Technical marketing at Intel Co-operation

Dawood Danesh Jafari Ex-Minister of Finance & Economic Affairs, Iran

R.K. Wanchoo Executive Director, BHEL, Hyderabad

Rakesh Misri Executive Director, HR and Direct Sales, HPCL, Mumbai

Paul Luthra CEO Datawarehost, SAN Jose CA, USA

Sharad Adhikary Director, Ministry of Labor & Employment, Deptt. of Labor, Government of Nepal

Umesh Kumar Vice President and MD, Bartec Middle East FZE, Dubai

Vimal Wakhlu Chairman and Managing Director, Telecommunications Consultants India Limited (GOI Enterprise)

S.S.Bajaj Chairman, Atomic Energy Regulatory Board, Department of Atomic Energy, India

K Vijay Kumar Chief Regulatory Engineer, New York State, USA

Malay Chatterjee Ex-Chairman, Hindustan Steel India
Naresh Kumar Ex-Chairman, Hindustan Shipyard India

Partha Jana General Manager, GAIL India Ltd.

Sunil Kumar Nayyar COO, BF Infrastructure Limited & Director, Ferrovia TransRail Solutions Pvt. Ltd., Noida, India.

Harish Kumar Sharma Vice President, Tech Mahindra, India

Sanjay Purohit SVP & Global Head - Products, Platforms and Solutions, Infosys, India

Romesh Kaul MD & Global CEO, Gears Business Mahindra Gears

Sameer Khera Ex Senior Director CISCO, Senior Director Strategic Architecture (Franklin Templeton Investments)

Naresh Behl Director-Operations/Projects/PRM/ISC, Xylem Water Solutions

Ajay Munshi Associate Vice-President at IMI Mobile Private Ltd.

Sanjay Jotshi Director Networking, Hewlett-Packard India

Atanu M. National Head Branded Telecom Retail, Glabacom Itd., Nigeria

Praveen Hingorani Software Engineering Director, Dell Commerce Group

Umesh J. Regional Director- South Asia, Nominum Inc.

CONTACT DETAILS

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| 09086807871 |
| |

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