**National Institute of Industrial Engineering, Mumbai**

**Avartan**

...Orchestrating Corporate Excellence

Annual Report of Avartan (20th – 26th October, 2018)

**NITIE** was established in the year 1963 under the aegis of the United Nations Development Programme and the International Labour Organization to create skilled professionals celebrated its golden jubilee in the year 2013. On the occasion of completion of 50 years of fostering industrial productivity & providing managerial excellence, NITIE took a step towards amalgamation of all the student activities under one umbrella and saw the genesis of ‘AVARTAN’ which signifies the rhythmic cycle of change and development. The objective of this festival is to highlight the inherent power of team work and synergy in the modern organizational setup.

**Avartan**, a journey of a thousand miles begins with a single step. For making a mark on the business school fraternity, decades ago NITIE conceptualized and incepted various benchmarked events in their respective categories such as Prerana (circa. 1995), Lakshya (circa. 2000), Envision (circa. 2002), Empresario (circa. 2004) and Litmus (circa. 2007). The prime motive of these festivals has always been to provide the industry interface for the students to exposé them to the practicalities and real-time situations. Avartan is now an umbrella event which is the amalgamation of Prerana, LakshyaSM and Empresario with the cultural festival– Arohan and the sports meet – Josh.

AVARTAN refers to a rhythmic cycle of Indian music. Chosen as the name for the grand unification, it captures the essence of various events coming together in harmony to create a symphony that befits NITIE.
In Avartan, the fraternities of NITIE felicitate business leaders with the ‘Lakshya Business Visionary Award’. These awards are given in recognition and appreciation of achievements, to those industry leaders, who have emerged winners due to their exemplary vision and extraordinary leadership. The ‘Visionary Award’ has historically been presented to prolific business tycoons including Adi Godrej, Ratan Tata, Rahul Bajaj, Azim Premji, Venu Srinivasan, Nandan Nilekani and Sunil Bharti Mittal who have changed the course of Indian business internationally.
NITIE, this year felicitated “Lakshya Business Visionary Award 2018” to one industry leader. Under the prolific guidance of Mr. Pawan Munjal, Chairman, Managing Director & Chief Executive Officer, Hero MotoCorp Ltd has been the World’s largest two-wheeler Company from 2001 and has successfully retained this position till date - for over 17 consecutive years. A firm believer in power of Innovation and Technology as the key drivers of growth of organization, he has led the Company with grit and determination in a highly competitive and volatile market to maintain the leadership position.
**Lakshya Distinguished Leader Awards**

NITIE with utmost respect felicitates with “**Lakshya Distinguished Leader Award**” in recognition and appreciation to the paragons of India who devoted their entire life in shaping the future of India in various fields through their sterling Leadership.

“**Lakshya Distinguished Leader Award 2018**” was conferred to Mr. Amitabh Kant, CEO of NITI Aayog, National Institution for Transforming India. Mr. Amitabh Kant is presently CEO of National Institution for Transforming India (NITI). He is a member of the Indian Administrative Service, IAS (Kerala Cadre: 1980 batch). Mr. Kant has been a key driver of the “Make in India”, Startup India, “Incredible India” and God’s Own Country” initiatives that positioned India and Kerala State as leading manufacturing and tourism destinations.

The second recipient of “**Lakshya Distinguished Leader Award 2018**” has been **Prof. Jyeshtaraj Bhalachandra Joshi**, Honorary Distinguished Professor at the Institute of Chemical Technology, University of Mumbai. He has a research and teaching experience of over 46 years with his areas of interests being around Fluid Mechanics, Multiphase Reactor Design, Computational Fluid Dynamics, Atomic Energy, Solar Energy and Bio-Energy. Till date he has provided research guidance to 91 Ph.D. Students, 60 Masters and 25 Post-Doctorals.
Mr. Amitabh Kant, CEO of NITI Aayog, National Institution for Transforming India.

Prof. Jyeshtharaj Bhalachndra Joshi, Honorary Distinguished Professor at the Institute of Chemical Technology, University of Mumbai
Empresario Entrepreneurship Awards

The Empresario most inspiring award was conferred to Mr. Nand Kishore Chaudhary, founder and CMD, Jaipur Rugs. Renowned as a Visionary, Man of the Masses, and a “Businessman with a Heart of Gold”, NKC’s vision is to see Indian hand-knotted rug industry at par with the international industry. For this, he is constantly working to promote & facilitate research in the rug industry especially technology and skill-management.

Mr. Nand Kishore Chaudhary, Founder & CMD, Jaipur Rugs.
**Industrial Engineering Conclave**

This conclave is a unique platform to facilitate knowledge transfer between industrial personnel and academic researchers on the topics related to industrial engineering and expand the boundaries.

The ‘Industrial Engineering Conclave’ is an initiative under Avartan organized by Team Lakshya℠ which is aligned with our 47 years old flagship course PGD in Industrial Engineering. The event aims at holding meaningful discussion amongst Industry leaders of various organizations. Eminent speakers from various backgrounds spoke on the topic:

“Changing role of Industrial Engineering in the emerging world of Industry 4.0”

The esteem dignitaries for Industrial Engineering Conclave 2018 were:

1. **Dr. V. Kovaichelvan**, Director, TVS Motor Company limited.
2. **Mr. Kaustubh Gokhale**, Vice-President, Capgemini.
3. **Dr. R. Chandran**, Chief Information Officer & Chief Delivery Officer, Bahwan Cybertek (BCT)
4. **Mr. Atul Jaggi**, Chief Operating Officer, Gabriel India Limited.
Supply Chain Management Conclave

This event is an attempt to bring the best minds in the supply chain from different industries under one roof. Focused on Supply Chain, the event will bring in a valuable learning experience for young budding managers and decision makers from various industries.

NITIE is known as “Mecca of Supply Chain Management”. The Supply chain management conclave is an event that comes under Lakshya Avartan. This event is an attempt to bring the best minds in the supply chain from different industries. Focused on Supply Chain, the event brought in valuable learning experience for young budding managers, decision makers from various industries, and students.
The topic of the supply chain management conclave was “Next Generation Global Supply Chain Orchestration”

The esteem dignitaries for SCM conclave were:

1. Mr. P. Radhamanalan, Head of Jewellery Division, Titan Company Limited.

2. Lt Colonel Vijay Nair, Vice President, Reliance Digital Retail Ltd.

3. Mr. Prasad Shidhaye, Director, Johnson & Johnson India Private Limited..

4. Mr. Swaminathan Ramachandran, Chief Operating Officer, Aditya Birla Fashion and Retail Ltd.

5. Mr. Ankur Bhagat, Associate Director, Procter & Gamble (P&G).
**Manufacturing Conclave**

With world manufacturing scenario changing at an astounding pace, ‘Manufacturing Conclave’ is an initiative under Avarthan organized by Lakshya Team to bring the best minds in the manufacturing from different industries to discuss the latest manufacturing trend and topics. This conference is designed to help achieving manufacturing excellence across these core operational areas of maintenance, continuous improvement and safety.

The topic of the conclave was “Servitisation: The changing face of Manufacturing”.

The esteem dignitaries for Manufacturing conclave were:

1. **Mr. Dilip S Modak**, Senior Vice- President, CEAT Ltd.
2. **Mr. G. S. Raghu**, Vice- President, Hindustan Coca- Cola Beverages Pvt. Ltd.
3. **Mr. Avijit Dutta**, Global Head, TATA Consultancy Services Ltd.
**MSME Entrepreneurship Conclave**

Every year “Empressario” establishes a confluence of Business and NITIE by organizing “MSME Entrepreneurship Conclave” conducted by Empresario in collaboration with SIDBI and Centre for Global Competitiveness of MSMEs (CGCM) to promote students to ideate and venture into new businesses and create value for themselves and the society. This event sees the top brass of the corporate world discuss the latest in the field of technology and how it affects businesses and the industry. With the boom in start-ups, it becomes important to discuss about emerging technologies and other relevant trends. This year, the dignitaries expressed their views about the topic “Increasing MSME's competitiveness through innovation & entrepreneurship” and an intriguing and expressive manner. With NITIE’s vision as “To be the thought leader in Industrial Engineering education and research, and partner in the manufacturing renaissance of the nation” and current boom in start-up’s culture, this topic was perfectly in-line with NITIE’s motto and current trends in business environment. We had following distinguished set of panels to talk in length about our topic –

1. Mr. Sanjay Joshi, Owner, K Bond
2. Mr. Sadashiv Survase, Joint Director of Industries, Maharashtra state
3. Mrs. Bhagyashree Sathe, Deputy Director, MSME Development Institute, Mumbai
4. Mr. A. C. Mouli, Deputy General Manager, SIDBI Mumbai
5. Shri P S Agwan, VP- COSIA, Mumbai
**Brain Child**

Brainchild is a one of its kind Product Pitch Competition, as a part of **MSME Entrepreneurship Conclave** conducted by **Empresario** in collaboration with **SIDBI** and **Centre for Global Competitiveness of MSMEs (CGCM)**. It provides a platform for startups or student projects to showcase and pitch their innovative products. The best product is selected based on 5 judgement criteria – Innovativeness, problem it is solving, market potential, scalability and the presentation, and that team is declared the winner of the competition.

There was a total of 5 finalists for the final round conducted on 26th October 2018, after the panel discussion. The 5 finalists were:

1. **Team Vision:** Team Vision is from Rajarshi Shahu College of Engineering (RSCOE), Pune. The team members, Akshay Mhaske and Uday presented a Smart projector adjustment system controlled using a mobile app.

2. **Team Fresp:** Team Fresp is from ICFAI Business School (IBS), Mumbai. The team members Pranay Palle and Ravi Teja presented their product, an
3. **Team Optify:** The team members Piyush Patil and Nilay Shah, alumni of IIT Bombay, presented an Optimization system for Industrial Thermal process in the field of IoT.

4. **Team Faclon Labs:** Faclon Labs is an established startup for 2 years. They presented their IoT product that makes water distribution efficient.

5. **Team Torchit:** Torchit is an established startup, which sold 3200+ products in Gujarat. The team member Prarit Agarwal presented his product which helps blind people to navigate in this difficult world using technology.

**Results:**
The winning team for Brainchild, 2018 was Team Torchit for its innovative product for blind people. A cash prize of INR 15,000 was awarded to the winner.

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**On the Job Achiever’s Contest**

It is an ideal platform for **practicing managers** to present their innovative and path-breaking projects. The projects are judged by an elite jury panel consisting of industry stalwarts (**VPs & MDs of top notch firms**). It is a confluence of best practices, technological advancements, their implementations and impact on the industry and equips the budding managers with the latest trends and advancements. **Lakshya 2018 "On the Job Achievers' Contest"** had participation from corporate sector across five well-defined verticals:

1. Supply Chain Management
2. Operations Management
3. Systems & IT Management
4. General & HR Management
5. Industrial Engineering
The some of the organizations that participated in the event were Apollo Tyres Ltd., Mahindra SSG, Ashok Leyland, L&T construction, J&J, RIL, etc. The Jury for the above events also came from reputed companies such as

1. Mr. Jaswinder Saini, Head- procurement, Tata Sky Ltd.
2. Mr. Saurabh Lal, Director Supply Chain, Kellogg Company.
3. Mr. Dhruba Basu, Country procurement head, Sanofi.
4. Mr. Murugan Pugalenthi, Director-Global planning and excellence, J&J.
5. Mr. Atul Prakash, VP-SCM and Marketing
6. Prashant Chopade, VP & CEO, Mahle Behr.
7. Mr. Sukanta Padhy, CIO, ATC Tires Pvt. Ltd.
8. Mr. Surajit Dutta, Senior GM-Ops, Freudenberg.
9. Mr. KS Bhoon, Head HR and Business excellence, RDC Concrete India Pvt. Ltd.
10. Mr. Anand, Head Demand Planning and Fulfillment, Mondelez.
11. Mr. Burgess Cooper, Partner Information & Cyber Security, Ernst & Young.
12. Mr. Rajesh Hurkat, HR Head, Mattel India.

**Power Talks**

Under the umbrella of *Lakshya*, Power Talks is a candid *Gyan session* to enlighten the ignited young managerial minds in the institute. This year, **Mr. Ajai Chowdhary**, Chairman of the Electronics Sector Skills Council and Co-Chairman
of the Working Group for Development of Innovation and IP in the ESDM sector, graced the event. He shared his words of wisdom and enlightened everyone present with his experience and knowledge.

SPARSHA

Sparsha is a perfect amalgamation of business and social responsibility, an initiative of students to bring the socially relevant projects of NGO's and the CSR projects of the industry on one rostrum and give them a fortuity to present their wonderful initiatives in front of eminent corporate jury members who witness the future endeavor of the society and award the best project in each category i.e. CSR and NGO.

NGO Project-This contest is a bid to provide NGOs a forum to showcase their projects in front of corporate jury.
CSR Project-Corporates display their humanitarian work through their CSR projects to raise awareness about various issues that they are focusing on and portray their sustainability measures. The competition was followed by a panel discussion on The impact of Corporate Social Responsibility on buying behavior of consumers.

LAKHWIZ BAZAR
“Lakhwiz – Bazaar” tests the participants’ knowledge on multiple facets of marketing. True-blue marketing aficionados vie for this coveted title. Each round promises to be more challenging than the previous one and will ensure that it tests the teams on their ability to think on their feet, apply their knowledge in practical situations and most importantly, think out-of-the-box.

LAKHWIZ D-STREET
“Lakhwiz D-Street” is the perfect opportunity for you to fill in the shoes of big finance managers as you get to decide your next course of action, in this grueling and bloody war. Various twists and turns will allow you to test your decision-making capabilities and your financial knowledge in almost all domains of finance.

LAKHWIZ FACTORY
Lakhwiz- Factory presents students from various colleges an opportunity to work on a Live Supply Chain Management Case Challenge. This year the case was presented in collaboration with ISCEA SCNext India SkillPRO where students from various colleges across the country participated. The stages involved in the Lakhwiz-Factory included a national quiz round followed by the case challenge where the top teams presented in front of an esteemed jury.
Navkriti
Navkriti is an event to create a platform which aims to connect potential ventures & Start-ups to VCs, Investors and Angel. The key objective of this event is to provide a platform for fabulous entrepreneurs and experts.

My Story
My Story provides a unique platform for entrepreneurs to showcase their proficiencies and skills. The idea behind conducting My Story session is to build a scaffold where the young inquisitive brains interact with some of the gems from entrepreneurial world. The event provides opportunities to meet successful entrepreneurs and learn from their experiences. The entrepreneurs tell about their journey, experiences, the things that were going through their minds while initiating the process, and the driving force that kept the entrepreneurial spark alive in them. This year we had the following eminent speakers who shared their story with us in an intriguing manner.

Founder: Atomberg Technologies;
Sibabrata Das

Founder: Mirraw.com;
Anup Nair

Founder: KD Logistics;
Kapil Premchandani
Ascent Health and wellness founders; Siddharth Shah; Hardik Dedhia; Harsh Parekh

Lal 10 founder; Sanchit Govil
Organizing Team of Avartan 2017

Faculty Coordinators:

Prof. Hema Date (Dean Student Affairs, NITIE)
Prof. T. Prasad (Professor, NITIE)
Prof. Vipul Kumar Singh (Assistant Professor, NITIE)
Prof. Utpal Chattopadhyay (Associate Professor, NITIE)
Prof. (Ms.) Priyanka Verma (Assistant Professor, NITIE)

Student Coordinators:

Shivam Mehta
Punit Sheladiya

Committee Members

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