



# MNITJ NEWS

the quarterly news magazine

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR NEWS

## Director's Message

It is a matter of great pride for me and the entire MNIT family that this quarter marked with two great stars in the name of the Institute viz, "Outstanding Engineering Institute-West" awarded by ABP News National Education Award and "Best University Promoting High Quality Research at Master's and Doctoral Thesis Work" by CMAI Association of India. These achievements recognise the hard work of faculty, students and staff and at the same time inspires all of us to enhance the success stories in the years to come.

This quarter witnessed the campus become live with the return of students in the new session and the orientation programme for the new entrants of both MNIT and IIIT Kota emerged as a major student activity. Various highlights of the orientation programme were campus visit, poster making competition, cleanliness and plantation drives, sports meet, yoga session and cultural night which resulted in the new entrants to de-stress themselves and also know their institution.

As ever academic pursuits in the form of conferences, workshops, training programmes in areas as chemical sciences, computing, value added management and energy & environment opened the portals of MNIT to brilliant minds of academicians, researchers and scholars from all over the country.

This quarter also welcomed distinguished visitors, Mr. S.Y. Siddiqui (Chief Mentor, Maruti Suzuki), Prof. A.S. Kiran Kumar (Chairman ISRO), Padma Vibhushan Prof. M.M. Sharma to name a few, who shared their vast knowledge and rich experiences through invited lectures and interaction with the faculty and students. I congratulate the faculty and students for having showcased their specialised knowledge and research through talks, project and paper presentations both within and outside the country.

No education can be called complete which lacks patriotism and national pride and we at MNIT enthusiastically celebrated Independence Day which marked participation in national campaigns like CleanIT, plantation drives and Sadhbhavana Divas being observed on 20<sup>th</sup> August, 2015. Let each of us take a pledge to contribute towards the advancement and harmony of the society we live in and collectively shoulder the responsibility of making our planet a clean and ethical place.

Jai Hind

Prof. I.K. Bhat



## Vision

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

## Mission

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

### MNIT Jaipur awarded by ABP News

MNIT Jaipur has been awarded as **Outstanding Engineering Institute-West** by the jury of **ABP News National Education Award** in recognition of leadership development, marketing and Institute Industry interface. Prof. I.K. Bhat, Director after receiving the award on 23rd July 2015 in a grand function at Mumbai.



### MNIT Jaipur awarded by CCI

MNIT Jaipur felicitated at 3rd CCI Technology Education Excellence Awards 2015 for **Best University Promoting High Quality Research at Master's and Doctoral Thesis Work** by CMAI Association of India. Prof. I.K. Bhat receiving the award on 17th July 2015 at Gujarat Technological University Campus.





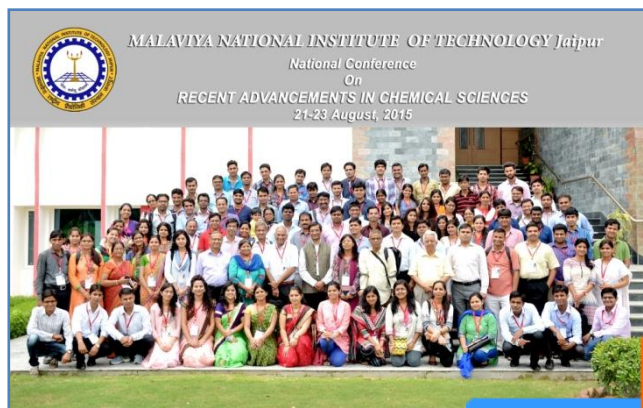
## Workshops/ Conferences/ Training Programmes/ Short Term Courses Conducted

**A** three day **National Conference on Recent Advancement in Chemical Sciences (RAICS)** was organized by the **Department of Chemistry** from 21-23 August, 2015. The conference was convened by Dr. Raj Kumar Joshi, Dr. Sumanta Kumar Meher and Dr. Sumit Kumar Sonkar (Co-convenor). 190 delegates from all over the country participated and presented their research work.

Prof. Dipanker Das Sharma (IISc Bangalore), a well known scientist and recipient of prestigious Shanti Swarup Bhatnagar award was the guest of honor. Professor Ravinder Nagar, Dean Academics was the chief guest of the event. The conference events included inaugural lecture, 4 plenary lectures, 15 invited lectures, 18 oral presentations and 112 posters presented by scientist from academic and industrial institutes.



Plenary lectures were delivered by Prof. G. Ranga Rao (Mentoring Director IIT Tirupati and Professor, IIT Madras), Prof. Sabyasachi Sarkar (IEST Shibpur and IIT Kanpur), Prof. Ajay Kumar Singh (IIT Delhi), Prof. Anil Kumar Singh (former Vice Chancellor, Central University of Allahabad and Bundelkhand). The speakers of the invited lectures were: Dr. Sabana Khan (IISER Pune), Dr. S. K. Patra (IIT Kharagpur), Dr. C. S Purohit (NISER BBSR), Dr. Ravi Prakash Singh (IIT Delhi), Dr. J. N Behra (NISER BBSR), Prof. P.P. Jana (IIT Kharagpur), Prof. Rodney A. Fernandes (IIT Bombay), Dr. Shaibal Banerjee (DIAT Pune), Prof. S. K. Biswas (MNIT Jaipur), Dr. Taimur Athar (IICT Hyderabad), Dr. Indresh Kumar (BITS Pilani), Dr. Ajit Patra (CU Rajasthan), Dr. Vinay Kumar Singh. (MS University Baroda), Dr. Easwar Srinivasan (CU Rajasthan) and Dr. V. Madhusudhan (Vignan University).



Technology driven research was presented and emphasis was given on the upliftment of the society through science and technology. 12 posters received best poster awards, from which 4 MNIT students received poster awards and cash prizes. Various companies like Bruker, Lab India, Julabo, IKA, Remi, Vaccu Brand, Buchi, ACS Scifinder showcased their latest products profile through exhibition in the conference.

**A** Workshop on **Code Modernization and Parallel Computing** from August 25-26, 2015 was organized by the **Department of Computer Science and Engineering** MNIT Jaipur and IIIT Kota jointly. In the world of High Performance Computing (HPC), every increase in processor performance creates an opportunity to accelerate the pace of research and development. Researchers, scientists, and engineers around the world use HPC clusters to push the boundaries of knowledge and innovation and are in need of ever-higher performance to solve increasingly complex challenges. The workshop aimed to bring the know-how that users require to parallelize their environment. Prof. M. C. Govil and Prof. M. S. Gaur were conveners of the workshop and Mr. Dinesh Tyagi, Dr. Emmanuel Pilli and Dr. Vijay Laxmi [from MNIT] and Dr. Pooja Jain [from IIITK] were the coordinators.



The programme was fully sponsored by Intel Corporation and conducted by resource persons from Wipro Technologies. B. Tech, M. Tech students of CSE and Research Scholars from both MNIT, Jaipur and IIIT, Kota attended the workshop.

Various topics comprising of: Need for HPC in various domains and growth opportunity areas, importance of multi-core and many-core computing in supercomputing, shared memory programming with OpenMP, distributed memory programming with MPI were covered. Lab sessions were conducted by experts from Calligo Technologies Bangalore.



The first workshop in the series of value-addition workshops for the MBA students titled **Campus to Corporate** was conducted on July 29, 2015 in the **Department of Management Studies**. The resource person for the workshop was Dr. G.P. Rao, Managing Advisor and Management Partner, GPR HR Consulting. The focus of the workshop was on preparing students for post B-School challenges. Dr. Rao explained how the gap between the industry and academia has been steadily increasing which is primarily an indication of the unawareness of the needs of the industry and the lack of practical and relevant knowledge in students of B-schools.

Dr. G.P. Rao pointed out that in order to be successful in corporate world, one should find out one's strength, weaknesses, opportunities and threats (SWOT), what is one's personality, where is one positioned at present and where does one want to go. Using some exercises, Dr. Rao helped students



identify their personality type from a list and then explained how each personality works when it is under stress and when it is happy. Dr. Rao also discussed current global business scenario and opportunities and challenges. Dr. ML Mittal, Head of Department concluded the workshop by a vote of thanks and memento presentation to Dr. Rao.

The second workshop in the series titled **Beyond Classroom Learning** was held on August 13, 2015 in the **Department of Management Studies**. The workshop was conducted by Dr. Rupande Padaki, Director, The P&P Group, Bangalore.



Dr. Rupande Padaki explained current scenario of management and how management has evolved from amalgamation of various disciplines like economics, commerce, psychology, sociology, anthropology, mathematics, statistics, marketing, etc. She focused on the Indian scenario which has changed post liberalization and globalization and has led to requirement of high quality skill sets for leadership roles, improvement in communication skills, and analytical and reasoning abilities. The workshop was divided into three parts – Part 1 focused on self-development. Part 2 was about the communication between the self and others. Part 3 dealt with interaction in teams, groups and society. The sessions included multiple management games in which the students participated enthusiastically. Dr. ML Mittal, Head of Department concluded the workshop by vote of thanks and memento presentation.

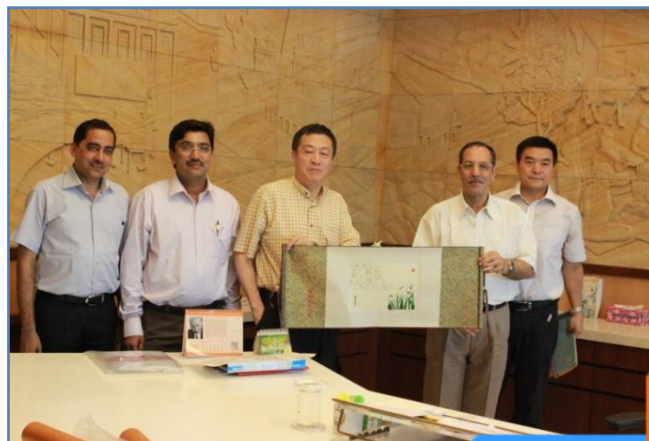
A workshop on **Possibilities & Issues in Change of Refrigerant in Existing HV AC & R Machinery & Equipment** was held on 8<sup>th</sup> August, 2015 at **Centre for Energy & Environment**.

## Distinguished Visitors/ Expert Lectures in the Institute/ Departments

Prof. A.S. Kiran Kumar, Chairman, ISRO & Secretary, Department of Space, GoI visited MNIT on 1 August, 2015. He enlightened the students and the faculty on the theme **India in Space**. Prof. Kiran Kumar also visited and appreciated our Materials



Research Centre. He hoped to utilize our expertise Prof. I.K. Bhat, Director, emphasized on the possibilities of further discussion and research collaborations.



*Prof. I.K. Bhat and Mr. Lin Xiao-Feng with M.O.U.*

The Chinese delegation visited the **Department of Humanities and Social Sciences** and held an interactive session with Dr. Vibhuti Singh Shekhawat, Head and other faculty & research scholars of the department. The M.O.U. between MNIT Jaipur and Minnan Normal University, Fujian Province, China was finalized by Prof. I.K. Bhat, Director, MNIT and Chinese delegation for collaboration in the areas of joint research and projects, faculty student exchange / internships, collaboration in seminars, conferences, symposiums, workshops and academic meetings



**An** invited lecture on the topic **Winning with Competitive Edge** was delivered by Mr. S.Y. Siddiqui, Chief Mentor, Maruti Suzuki India Limited on 6 August, 2015. The eminent speaker Mr. Siddiqui interacted with the students and gave tips on being successful in the present competitive environment.

**A** delegation from China visited our Institute on 12th August, 2015 for signing the first ever Memorandum of Understanding (M.O.U) between MNIT Jaipur and Minnan Normal University, Fujian Province, China. It comprised of Mr. Lin Xiao-Feng, Chairman of the University Council, Professor Huang Jin-Ming, Director of School of Chinese Language and Literature, Professor Wang Jian-Hong, Director of School of Overseas Education, Minnan Normal University.



**A** Career Counselling Lecture by Mr. Ayush Madan of Reliance Ltd. Jaipur was conducted in the **Department of Electronics & Communication Engineering**. He discussed about the recent

opportunities in India and abroad for budding engineers and emphasized on skill development and entrepreneurship while pursuing graduation itself.

An invited lecture on **Economic Transformation of India** was organized by the **Department of Humanities and Social Sciences** on 24<sup>th</sup> August, 2015. The speaker Prof. Vijay Vir Singh, Director, NITI Aayog Chair, University of Rajasthan apprised the students with the emerging Indian Economy in the global context. The guest lecture was coordinated by Dr. Dipti Sharma and nearly 80 B. Tech. and MBA students attended it and were enlightened by the speaker's rich experience.



*Prof. Vijay Vir Singh delivering the lecture*

**Department of Mathematics** organized two sessions of invited talk on **Harmonic Mappings** on August 28, 2015. The event was coordinated by Dr. Rashmi Jain and Dr. Ritu Agarwal. The lectures were delivered by Dr. Jugal K. Prajapat, Associate Professor, Central University of Rajasthan, Kishangarh, Rajasthan. He talked about Harmonic functions and mappings which are important due to its connection with the minimal surface problems.



The students and faculty members participated in the event. It was a great learning experience to know about such functions of importance. The students came to know about unsolved problems and research opportunities available in this field.



## Visit/Expert Lectures and Research presented by Institute Faculty

One faculty Dr. Harlal Singh Mali (**Mechanical Engineering Department**) and two students Mandeep and Devang were invited to deliver talks in the prestigious conference AU India & SAARC 2015 along with Education Summit in Mumbai from 6–7 August, 2015 on the topics **Technology Trends in Manufacturing** and **Fusion 360 3D Reinvented** respectively.



Dr. Jyoti Joshi (**Department of Chemistry**) participated in the **TEQIP-Management Capacity Enhancement Programme** at IIM, Udaipur from 8-13 June, 2015.





Dr. Amartya Chowdhury (**Centre for Energy & Environment**) attended **TEQIP-Solar PV** at IIT Delhi from 16-23 June 2015.

Dr. Nupur Tandon (**Humanities & Social Sciences**) presented a paper titled **Indian, English: Pedagogical Concerns and Challenges** at the International Linguistics and Language Conference in Istanbul, Turkey from 29-30 June, 2015.

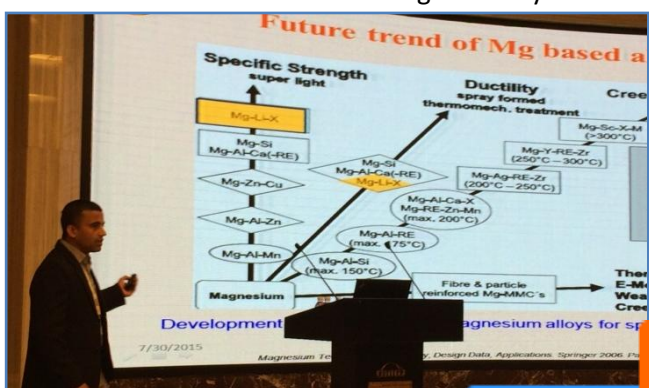
Dr. Vivekanand (**Centre for Energy & Environment**) visited the Director at Nordic Centre in India, New Delhi on 27 July, 2015.

Dr. Vivekanand (**Centre for Energy & Environment**) delivered an invited lecture for **TEQIP-Faculty Development Program** at Government College of Technology, Coimbatore from 10-14 August, 2015.

Dr. Vivekanand (**Centre for Energy & Environment**) delivered an Invited lecture at Bharathiar University, Coimbatore on 12 August, 2015.

Dr. S.K. Tiwari, (**Civil Engineering Department**) visited University of Malaya Kuala Lumpur, Malaysia and presented a research paper titled **Tire chips-sand composites: A noble technique** in 7th Asia Pacific Young Researchers and Graduates Symposium (YRGS 2015) on Innovations in Structural Engineering Practices from 20–21 August, 2015.

Dr. Vinod Kumar, (**Metallurgical and Materials Engineering Department** and Adjunct Faculty of **Materials Research Centre**) has delivered a technical talk in the 1st International conference on Applied Surface Science at Shanghai, China from 27-30 July, 2015. The title of the talk was **Detection and Distribution of Lithium in Mg-Li-Al based alloy by ToF-SIMS**. This conference was organized by Elsevier.



## Faculty Achievements

Dr. Sandeep Chaudhary, **Department of Chemistry** has been given **Certificate of Outstanding Contribution in Reviewing** in June, 2015 in recognition of the contribution made to the quality of Bioorganic and Medicinal Chemistry Letters Journal (Impact factor = 2.420). The award was given by THE EDITORS of BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS Journal, Elsevier, Amsterdam, The Netherlands.

Prof. P.R. Soni was invited by the M.S. University of Baroda for examining, reporting and viva voce of the thesis entitled **Studies on Rotating-Bending Fatigue Behaviour of Surface Engineered Low Alloy Steel Shaft Materials**. submitted for the award of degree in Doctor of Philosophy in Metallurgical & Material Engineering of the Faculty of Tech. & Engg on 2 July, 2015.

## Research Projects/ Activities

As part of a 3-year grant from the National Science Foundation, in association with The Ohio State University, Colorado State University, Santokba Durlabhji Memorial Hospital Jaipur and Malaviya National Institute of Technology Jaipur; six under graduate engineering students of The Ohio State University, Columbus, USA worked in Advance Manufacturing & Mechatronics Laboratory of the Mechanical Engineering Department for ten weeks on Jaipur Foot from May 14 to July 21 2015. Invented in India by Prof. P.K. Sethi in 1971, Jaipur Foot has risen to its popularity and utility as product by reaching to masses as far as in 26 countries. However, to improve it further the research team consisting of Dr. Tammy L. Haut Donahue, of Colorado State University, Dr. Lisa Abrams, & Dr. Sheryl Sorby, of The Ohio State University, Dr. Harlal Singh Mali, of MNIT Jaipur and Dr. Anil Jain of SDMHS Jaipur worked on three main objectives viz., decrease the overall weight of the foot, facilitate the development of a mass production model, and to maintain biomechanical responses in the foot while improving the longevity of the product.



The team consisting of mechanical, metallurgical, industrial and bio-medical engineering students worked on four sub-projects in the first year of this three-year project. The first of these was the mechanical properties testing of all materials currently utilized in the foot's composition. The second, in correlation to the first, was the construction of a computer aided design (CAD) model of the Jaipur Foot to understand the stresses acting on the foot through finite element analysis (FEA). Thirdly, a patient and material database was developed in order to track and analyze conditions of failures in the hospital's hundreds of yearly prosthetic patients. Finally, a test fixture was designed and fabricated to record mechanical properties of the materials for quality-control purposes. As shared by the students on the valedictory, the project proved to be a socio-cultural amalgamation among students of the lab along with professional learning.



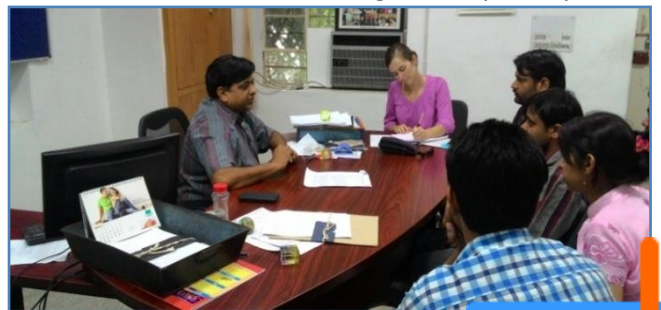
**A** research project entitled **Sustainability evaluation of urban environment quality and development of upcoming megacities of India** has been technically and financially approved under Women Scientist Scheme-A (WOS-A) by **Department of Science & Technology, Delhi in the department of Civil Engineering, MNIT**. The sanctioned DST grant is Rs. 23,92,000/- for three years. The project has been started by Dr. Ankita Dadhich from September 01, 2015 under the mentorship of Prof. Rohit Goyal (Civil Engineering Department). The research study would evaluate the urban growth pattern and quality of life in the upcoming megacities of India using the

advanced geomatic techniques at spatial and temporal level. The outcome of the project would be geospatial database generated by using satellite images of different years, physical survey, sampling of air & water and socio-economic survey. The maps (sustainability map for existing land use and sustainability map for future land use) and database will be generated by analyzing the urban sustainability indicators (USI) for the two megacities of Rajasthan state viz. Jaipur and Kota.

Recently government has selected these two cities under smart city category for development, thus this study becomes more important as this research study will provide the zone level geospatial database and analytical maps for both cities. The database and maps generated by this research will help in sustainable development of cities and to control the haphazard urban growth.

**A** Research project titled **Modeling and characterization of Lithium Niobate (LiNbO<sub>3</sub>) based optical devices using surface geometric techniques for their applications in Integrated Optical Circuits (IOCs)** has been awarded to Dr. Ghanshyam Singh, (**Department of ECE**) under the Indo-Ukraine Inter-Governmental Science & Technology cooperation programme.

**A** group of Ph.D., M.Tech., and U.G. students from MNIT Jaipur's Civil Engineering Department and a Civil Engineering Ph.D. student from North Carolina State University, Ms. Elizabeth Ramsey, are conducting household surveys on water consumption and water conservation throughout Jaipur city under



the supervision of Dr. Rohit Goyal. Over the next several weeks, the group will interview 200 households around the city on water-conserving appliance use, general awareness of current conservation initiatives, and people's anticipated responses to various scenarios involving water conservation. The MNIT students who are taking part in this research are Mr. Priyamitra Munoth, Ms. Rajni Swami, Mr. KuldeepTiwari, Mr. Chander Bhardwaj, Mr. Niteesh Agrawal, Mr. Lavi Agrawal, Mr. Nitin Kumar, Mr. Manish Kumar, Mr. Manoj Kumar, Mr. Ramesh Kumar, and Mr. Nikhil Kumar.



The survey was developed by Ms. Ramsey as part of her Ph.D. research. She will use the data to construct an agent-based model to simulate the spread of water consumption and conservation behaviors in water-stressed, rapidly developing cities, using Jaipur City as a case study. Her research is funded by the prestigious Fulbright-Nehru Student Research Grant and the National Science Foundation Graduate Research Fellowship. Ms. Ramsey is also working with the Center for Development Communication, a respected local NGO which works on development projects ranging from waste management to implementing water filtration technology. She hopes the data from this project will help in the formulation of good water demand management policies in Jaipur.

## Student & Other Activities

**A** Panel Discussion on **Yoga and its Relevance in Present scenario** was organized on the International Day of Yoga- 21 June, 2015. The speakers for the event were Brahma Kumari, Sister Nirmla ,Yoga guru Mr. Om Prakash Sharma and Gaurmondal Das of Hare Krisana Movement Jaipur. The coordinator of the event was Dr. Jyoti Joshi.

**Department of Computer Science and Engineering**, organized a free computer educational programme titled **IT Awareness and its Application** on 10 July, 2015 for the kids of government school (MNIT campus) as part of an activity under Digital India Week. Around 50 students participated in the



*Distribution of gifts to the students*

programme. The main objective of the programme was to improve digital literacy among school going children. Prof. M.C. Govil (HOD, CSE) apprised students and encouraged the applications that prevail in daily life. Dr. Meenakshi Tripathi, co-coordinator of the activity, introduced computer in an easy to understand manner. She emphasized on treating computer as a useful educational tool that can be

fun. Faculty/Staff members along with the research scholars interacted with students, satisfied their queries and helped them in Hands-on session on Microsoft-Paint and Microsoft-Word. Considering the enthusiastic response from students, the department plans to organize more such events in future.



*Hands-on session*

**A** 3-day **Orientation Program** was organized for the new entrants from 27-29, July under the Student Mentorship Program. The three day event was segmented into various sections including the

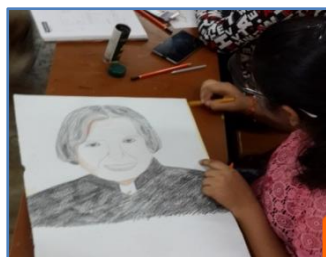


Academic Orientation, Campus Visit, Poster Making Competition, Sports Meet, Yoga Session, Cleanliness & Plantation Drives and Cultural Night. The event



started by the customary lamp lighting. The fresher students were given an insight into the Student Mentorship Program and the benefits they are going to derive from it throughout the year. The students were introduced to the Academics, Administration, Hostels, Sports and Learning Resource Centre of MNIT. Respected Prof. I. K. Bhat, Director MNIT along with all the honorary Deans of the Institute introduced the students to the various arenas of knowledge. Prof. Bhat welcomed the newly admitted students with inspiring words. The evening came to an end with the documentary screening by Raj Vidya Kendra followed by cultural performances.

The next day got off to a great start by the Campus Visit accompanied by the Poster Making competition. The evening saw a large number of students present on the ground,



indulging in various sports activities. The last day inspired students to work towards making the notion of Swachh Bharat a reality through the Cleanliness and Plantation Drives. The concluding evening was adorned by the presence

of His Grace, Chanchalapati Dasa, Vice-Chairman of Akshay Patra Foundation. The students were enlightened and thoroughly motivated by his words. The SMP welcomes the students into the institute and wishes them a great and happy journey ahead.

**An Innovative Foundation Programme** was organized from 28 July to 8 August 2015 for the new students who have taken admission in IIIT Kota which is being mentored by MNIT Jaipur. The Foundation Programme was inaugurated on 28 July 2015 by Prof. I.K. Bhat, Director MNIT and IIIT Kota. The programme aimed to develop group and leadership skills in the students along with their sensitization towards society. It was envisaged that the Foundation Program would result in improving the acclimatization and initiation of the students in the new system.

During the two weeks of the Foundation Program, students were engaged in co-curricular



activities including specialized workshops, competitions, group discussions, classroom games, collaborative activities, and fitness and sports. Along with group activities designed to hone the leadership skills of students, workshops related to fine arts, music, theatre, nutrition and cookery, logo designing,

advanced computing, communication skills, and self-defense by experts in the fields were organized. Students participated in a plantation drive in the Institute campus, and also visited the important historical places in Jaipur city. The Foundation



Program was conducted by Mrs Nanny Tripathi and Dr Preeti Bhatt under the direction of Prof. Manoj Singh Gaur, Coordinator, IIIT Kota.

The first rays of **15th August** fell on Prabha Bhawan, where a troop of staff and students were inspecting the preparations with enthusiasm. The day's events started to roll with a patriotic song followed by a parade by guards who escorted Prof. I.K. Bhat (Director) to the stage where he hoisted the National Flag, swelling the hearts of all those who were present with pride. The National Anthem was followed by the address of Director Sir which gave an insight on the various improvements in the college and the more changes to come. The students expressed their gratitude to the martyrs in the form of patriotic song. The cultural event was followed by tree plantation ceremony which took place in Ashok Vatika.

**CleanIT Campaign**, was organised by **Creative Arts & Cultural Society** on August 15, 2015. The campaign was framed like a competition to instil students with an enthusiasm to clean their campus. 25 teams comprising 5 students each registered for the competition in which the following areas of the campus were earmarked: *Green Room Area, Central Lawn, Ashoka Vatika, Area between LT 25 and PE 3, Dean's Gate, Water Harvesting Area, Near civil dept, Round gate near Dean's Gate, Area of Independence Day celeb., Amul Parlour, Tennis Court Area, Veggie Wheels' Area, Staff Colony (Behind Girls' Hostel), Area behind boys' hostel 1 & 2, Area near Staff Quarters (Boys' Hostel).*



**Collection of garbage**



The competition comprised of 300 points based on size of area cleaned, amount of newspapers, dry leaves, plastic products and other non biodegradable matter collected in separate bags provided. The winners were awarded with letters of appreciation.

**A**ugust 20, 2015 was observed as **Sadbhavana Diwas** at MNIT Jaipur to promote national integration and communal harmony among the people. On this occasion, the Pledge taking ceremony was organized at 12.30 p.m. in the Central Lawns. Prof. Ravindra Nagar, officiating Director, administered the pledge to all the faculty, staff and students of the Institute.



*Faculty and Students taking the pledge*

**A** Sustainable Energy & Environment Quiz-2015 was organized by Centre for Energy & Environment on 22-23 August, 2015.



*Prof. R. Nagar officiating Director administering the pledge*



*Winners of Sustainable Energy & Environment Quiz-2015*

## Data Centre at Central Computer Centre



*Emerson Smart Row Racks*

**M**NIT has procured world class Emerson Smart Row solution for its Data Centre. A simple, fully integrated row-based infrastructure with precision cooling, power management, monitoring and control technologies, and fire suppression all in an enclosed system. This Solution has a room neutral design that lets you avoid many of the significant costs that come with a conventional data centre build out. Favourable implementation costs compared to using a conventional data centre approach, due to savings from integrated fire suppression and ability to work in an existing normal environment without dedicated room cooling reduce energy consumption by up to 27% compared to a data centre with conventional design, perform less maintenance and reduce the costs of adding more racks to the existing solution.

## Upcoming Events

- National Workshop on **Parallel Computing and Big-Data Analytics in Multi to Many Core Systems** (PaCBaMS 2015) jointly organised with Center for Development of Advanced Computing (CDAC), Pune (Deptt. of CSE) from October 16-20, 2015.
- One day workshop on **Latex for Research** on October 16, 2015 (Deptt. of ECE).
- STC for Faculty Development on **Trends and Challenges in Engineering Power Systems** from October 19-23, 2015 (Deptt. of Electrical Engg.).
- An International Conference on **Radiation Effects in Insulators REI-18** from October 26-31, 2015.
- STTP on **Research Methodology** from October 27-31, 2015.
- Short Term Course on **Smart Grid Technologies** from November 02-06, 2015 (Deptt. of Electrical Engg.)
- International Conference on **Current Challenges in Drug Discovery Research (CCDDR 2015)** from November 23- 25, 2015 (Deptt. of Chemistry).

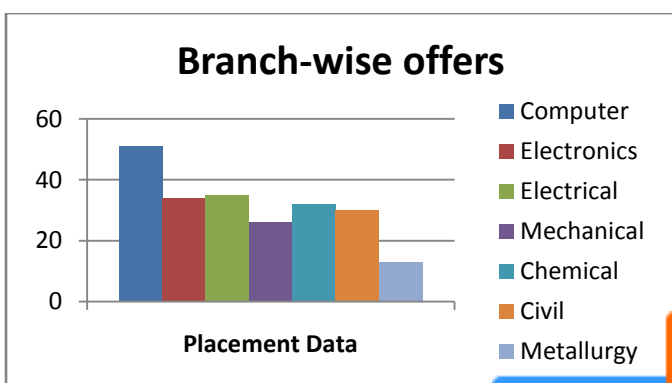
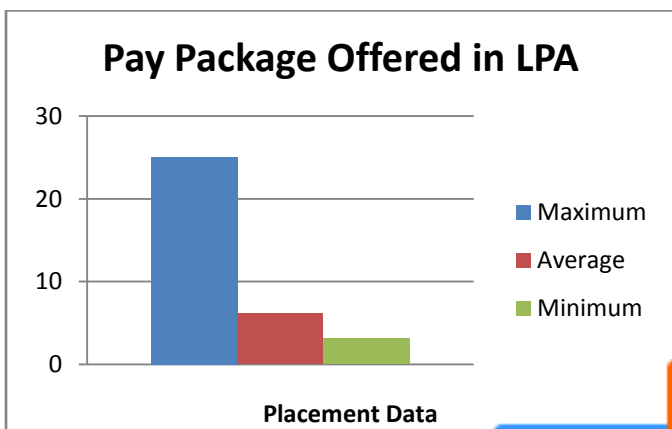
## Placement and Training/ Packages

### Placement Statistics till 25<sup>th</sup> September, 2015

Companies that visited MNIT for campus placements and offered packages of more than 10 LPA are: Salesforce (PPO), Microsoft (PPO), Amazon, Grofers, Adobe, Aspiring Minds, Drishti Soft, Wooqer, Morgan Stanley, Texas Instruments, Walmart, DE Shaw, Arcesium, Goldman Sachs.

**Total Number of Offers: 261**  
**(B.Tech.- 221, PG-40)**

Package Details	Package (in LPA)
Maximum	25
Average	6.13
Minimum	3.15



#### Coordinator:

Dr. (Mrs.) Dipti Sharma

#### Co- Coordinator:

Dr. Deepak Verma

#### Members:

Dr. Jyoti Joshi

Mr. Minu Khemnani

Ms. Boola Choudhary

Mr. Saket Kumar