



From the Director's Desk

I am pleased to release the present issue of the Institute newsletter, which is a reflection of the Institute's march towards the path of excellence, knowledge and achievements. The dissemination of knowledge through the efforts of the faculty, students, staff and management via the workshops, training programs, FDPs, conferences, seminars, invited lectures and GIAN courses continued to leave its mark in the present quarter. These included varied disciplines viz; power electronics circuits, finite elements methods, student induction, electrical vehicle infrastructure, smart electronics and IOT for smart city, road safety, MOOCS, control theory computation technique in optics & photonics, sustainable materials, micro grid control & renewable energy, corporate expectation & industry readiness, entrepreneurship, environmental nanotechnology etc.

The Institute faculty outreach activities in the present period showcased in the form of expert resources, research initiatives, guest lectures, paper presentations, publications, awards and research projects.

This quarter marked the beginning of the new session. The orientation of the new entrants paved way for the teacher-student mentorship and senior-junior interaction through a week long mentorship program. Like every year, the newcomers bring in fresh air with the light of success and ambitions in their dream filled eyes, livening up the entire campus. The fragrance of freshness soon got transformed to patriotism during the Independence Day celebrations in the early dawn of 15th August which filled each heart with pride towards the Nation.

The journey of academic, technical and social excellence of My NIT (MNIT) is a continuous combined effort of one and all, members of this esteemed Institute, which I appreciate and encourage.

Jai Hind

Prof. Udaykumar R Yaragatti

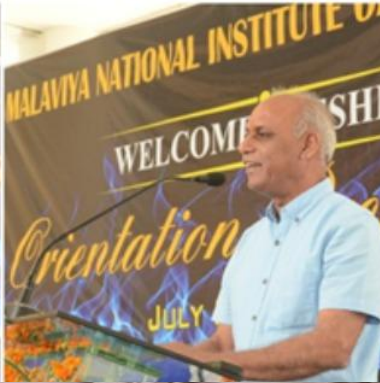


Vision

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.



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



A Summer Internship Program, **Designing & Fabrication of Power Electronics Circuits** was organized by the **Department of Electrical Engineering** from May 15 to July 2, 2018. The program was coordinated by Dr. Nitin Gupta, Dr. Vikas Gupta and Dr. H. P. Tiwari. The target participants were students of B.Tech Electrical Engineering and M.Tech (PED). The chief contents of program were MATLAB Simulation, Designing & Fabrication of Power Electronic Circuits.



A five day STTP, **Introduction to Finite Elements Method (FEM) and its Applications** was organized by the **Department of Mechanical Engineering** during June 4-8, 2018 in collaboration with TEQIP-III MNIT Jaipur. The STTP was coordinated by Dr. Dinesh Kumar. The Finite Element Method (FEM) / Finite Element Analysis (FEA) is a numerical and computer-based technique of solving a wide range of practical engineering problems that arise in different fields and which are otherwise difficult to solve analytically.

A four day **faculty and student interaction** with Prof. Sami Ferdani (International Relations of Engineering School, ESIREM in Dijon, France) was organized by the **Department of Computer Science & Engineering** during 24-27 June, 2018 in collaboration with TEQIP-III MNIT Jaipur. Dr. Neeta Nain coordinated the event.

MNIT Jaipur, in association with **AICTE/NPIU** organized a **Faculty Development Program on Student Induction** from July 9-11, 2018. In order to improve the quality of the technical education, AICTE/NPIU aims to ensure that every student, on admission shall be put through a mandatory induction program to reinforce the fundamental concepts and the required language skill for the technical education. Mr. Ajay Jain (State Coordinator) was the expert resource person during the program. The event was organized by Dr. Santosh Kr. Vipparthi, Dr. Arka Prokash Mazumdar and Mr. Dinesh Tyagi.



A five day **AICTE Faculty Development Program on Electric Vehicle Infrastructure** was organized by the **Department of Electrical Engineering** from 16-20 July, 2018. The objective of the program was to provide an exposure to the recent trends in Electric Vehicle Infrastructure through interaction of the participants with national and foreign experts. The program was organized by Dr. Arun Kumar Verma.

The **Department of Electronics and Communication Engineering** organized a faculty development program, **Smart Electronics Systems and IOT for Smart City** from July 30 to August 3, 2018. The FDP was sponsored by **Electronics & ICT Academy**. Twenty five faculty members from all over the country participated in the FDP. The course was coordinated by Dr. Amit M. Joshi and Dr. Chitrakant Sahu.



A five day **Training Program on Road Safety** in association with **Asian Training and Transport Development (AITD) New Delhi** and sponsored by **Ministry of Road Transport and Highways, Government of India** was conducted by the **Department of Civil Engineering** under the supervision of Dr. Arun Gaur during July 30 to August 3, 2018.. The trainees were deputed from PWD, RSRDC,

UDH, LSG and RIDCOR departments of Rajasthan. Eminent academician, experienced field engineers and professionals from different parts of the country participated as experts in this training program.



One day FDP, **Massive Open Online Courses (MOOCs) Orientation** was organized by the **Department of Computer Science & Engineering** on August 3, 2018. Dr. Manpreet Singh Manna & Dr. Siddalinga Swamy (Swayam Project Cell, AICTE) and Dr. Uma Raghunathan (RFID Bureau, AICTE) were the expert resource persons. The course was coordinated by Dr. Santosh Kr. Vipparthi, Dr. Arka Prokash Mazumdar and Mr. Dinesh Tyagi.

The **Department of Electrical Engineering** organized a short-term course, **Selected topics in Control Theory - Fundamentals, Advances and Future Directions** from August 9-13, 2018. This course was sponsored by **E&ICT academy MNITJ** in association with **TEQIP III**. Expert speakers in the course included



faculty from MNIT, IIT Bombay, IIT Delhi and Woosong University, Republic of Korea. This course was coordinated by Dr. Satyanarayana Neeli and Prof. Rajesh Kumar.

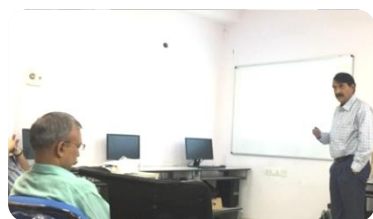
Department of Electronics & Communication Engineering in collaboration with the **Electronics & ICT**

Academy organized an intensive one-week Faculty Development Program, **Computation Techniques in Optics and Photonics** during 20-25 August, 2018. Invited experts of this programme were Prof. Anurag Sharma (IIT Delhi), Dr. Rajendra Singh (IIT Delhi), Dr. Manish Mathew (CEERI Pilani), Dr. Ayan Kumar Bandyopadhyay (CEERI Pilani). The programme was coordinated by Dr. Ashish Kumar Ghunawat, Dr. Ritu Sharma, Prof. Ghanshyam Singh and Prof. Vijay Janyani.



A five day workshop, **Recent Developments in Sustainable Materials for Civil Engineering Construction** was conducted by the **Civil Engineering Department** from August 31 to September 4, 2018. Prof. R.C. Gupta, Dr. Vinay Agarwal and Dr. Pawan Kalla were the coordinators. It was an effort to interact and share knowledge.

Distinguished Visitors/Expert Lectures in the Departments/ Institute



An expert lecture of Dr. P.N. Ravindra, Chief Engineer (Bulk Water), Bangalore Water Supply and Sewerage Board, was organized by **Civil Engineering Department** on July 6, 2018. Dr. Ravindra shared his experiences of working with the Bangalore water supply and sewerage board and discussed various challenges faced in implementation of different schemes and the use of information technology to solve some of these challenges. The talk was coordinated by Prof. Rohit Goyal.



A two day invited talk, **Micro grid control and renewable energy** delivered by Prof. Himanshu Pota, UNSW Australia was organized during 17-18 July, 2018 by the **Department of Electrical Engineering** and was coordinated by Dr. Arun Kumar Verma.



Department of Management Studies invited Sh. Abdul M.A. Mateen, Vice President (Finance), Berger Paints India Limited on August 8, 2018 for an interactive session to enlighten MNIT students on the theme, **Corporate Expectations From MBAs & How to Prepare For Industry Readiness**. The expert shared knowledge about importance of Information Technology in the corporate world. Briefing about the success mantra, he talked about Knowledge, Attitude, Skill and Habit - KASH, to be followed in every phase of your life.



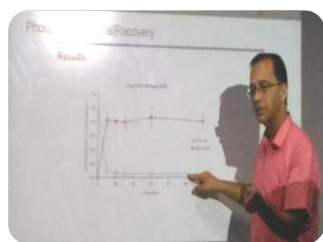
NPIU has assigned Prof. M.K. Yenkie (Vice Chancellor, GH Raisoni University, Amravati), as the Performance Auditor for MNIT Jaipur who visited during August 9-11, 2018. Performance Auditor evaluates the performance of the Institute against the goals, targets and institution strategic plans.



The **MNIT Innovation and Incubation Centre** organized an orientation program on August 10, 2018. The event consisted of a panel discussion, **Importance of Entrepreneurship** which was graced by ace entrepreneurs, Mr. Vishwas Shringi (Co- Founder, Voylla), Mr. Nitin Jain (Co-Founder, Indibni), Mr. Nitin Sagar (Co-Founder, NWC Jobs) and Mr. Amar Patnaik (Coordinator, MIIC). The program aimed at introducing the students to the concept of entrepreneurship and to the Institute's Entrepreneurship Development Cell.



Department of Management Studies invited its MBA Batch 2010-12 alumni, Ms. Ishita Gupta, Director, Kamtech Associates Pvt. Ltd for an interactive session to enlighten MNIT students on the theme, **Entrepreneurship and Jobs** under **Reconnect - A series of interactive sessions with alumni** on August 13, 2018. The session had focus on start-ups in India and boost up plans for businesses of your own. A TEDX speaker, Ms. Gupta talked about the upcoming opportunities which were not available in the past but has a great scope in the future.



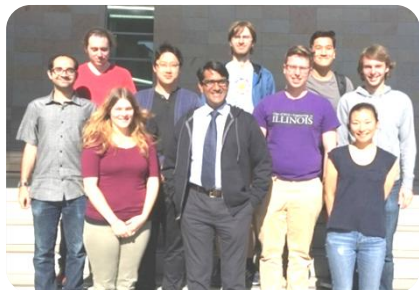
Expert lectures by Dr. Achintya N. Bezbaruah (Department of Civil and Environmental Engineering, North Dakota State University, Fargo) were organized on August 20-21, 2018 by the **Civil Engineering Department** for the faculty and students as part of M.Tech. course CET661 Groundwater Hydrology taken by Prof.



Rohit Goyal. Dr. Achintya shared valuable experience on **New Frontiers in Environmental Nanotechnology**, its challenges and opportunities, transport of heavy metals in groundwater and use of polymers and plants for remediating contaminated groundwater.

Department of Management Studies organized an **Alumni RECONNECT session** and invited Mrs. Shikha Koolwal, MBA batch 2010-12 student, presently Head HR at Simson Pharma. Mrs. Koolwal shared her life experiences, challenges, corporate mantras and HR practical insights which indeed were very valuable.

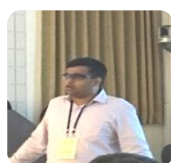
Visit/Expert Lectures delivered by Institute Faculty



Prof. Ghanshyam Singh (Department of Electronics and Communication Engineering), 'DL' awardee from IEEE Photonics Society visited 12 Universities located in Italy, France, Spain, Portugal and USA to deliver his 'DL' talks on **Photonic Integrated Devices and Systems: Technology for next Generation Telecom Networks**. Prof. Singh and faculty members of various IEEE PS Chapters went into informal discussions for possible collaborative research between Indian research labs and associated Universities. Opportunities for joint research projects and exchange of students between the universities and research groups were also explored. The IEEE Chapters/Universities visited by Prof. Singh are University of Pisa, Polytechnic University of Turin, Polytechnic University of Milan and University of Pavia from Italy; TELECOM Paris Tech, Paris, France; University Carlos III of Madrid, Spain; the University of Lisbon, Portugal; Farmingdale State College New York, The College of New Jersey/Linearizer Tech. Inc., New Jersey, The CREOL, University of Central Florida, Florida, Arizona State University, Phoenix and University of California, Santa Barbara from USA.



Prof Vijay Janyani (Department of Electronics and Communication Engineering) was invited to deliver expert talks at Technical University of Vienna (TUW), Austria; Spanish National Research Council (CSIC)-Institute of Optics, Madrid; and Universidad Privada Boliviana (UPB), Bolivia. Dr Janyani visited these Institutes as a distinguished visiting lecturer of Optical Society of America (OSA) in June 2018.



Dr. Abbas Raja Naziruddin (Department of Chemistry) has delivered a **MOST** sponsored invited lecture at the *International Conference on Applied Sciences–2018* on June 11, 2018 at NDHU-Taiwan.

Dr Rohit Bhakar (Department of Electrical Engineering) attended and delivered a presentation in the *Industry academia networking workshop* held on 14 June, 2018 at National Institute of Wind Energy (NIWE) Chennai.



Dr. Dipti Sharma (Department of Humanities and Social Sciences) delivered an invited lecture, **Managerial Skills and Economics** on June 25, 2018 at the FDP *Enhancing Abilities Through Shared Learning* held at St. Xavier's College, Nevta from June 19-25, 2018.



Dr. Sushant Upadhyaya (Department of Chemical Engineering) delivered the two expert lectures, **Computational Techniques (IVP and BVP) in Engineering using MATLAB and Simulink, and Mathematical Modeling for Recovery in Membrane Distillation and Multiple Regression using Simulink**, under QIP Short Term Course *Mathematical Modeling and Numerical Simulation of various Engineering Problems in Transport Phenomena* at IIT Roorkee QIP Centre on July 4, 2018.

Dr. Abbas Raja Naziruddin (Department of Chemistry) delivered an invited talk at *International Conference on Frontier Areas in Chemistry–2018*, on July 19, 2018 at the American college-Madurai.



Dr. Nivedita Kaul and Dr. Sumit Khandelwal (Department of Civil Engineering) represented India in *Water Initiatives in South Asia (WISA)* workshop organized by British Council and conducted by Imperial College, London at Istanbul, Turkey from July 24 to 26, 2018.

Dr. Kavita Lalwani (Nodal Officer Academic & EAP, TEQIP-III) attended the training on *Financial Management and PFMS*, held on August 2-3, 2018 at BVB Sardar Patel College of Engineering, Mumbai.

Dr. M.L. Meena (Nodal Officer Procurement TEQIP-III) attended the training on *UAT testing, Introduce new PMS software to have more effective procurement system*, held on August 2-3, 2018 at NPIU, Delhi.



Dr Nivedita Kaul (Department of Civil Engineering) participated in two days management development program *Gender, Equity and Water Management*, conducted by ICE WaRM Australia and TERI, New Delhi at EPTRI Hyderabad from August 20- 21, 2018.

Dr. Satyanarayana Neeli (Nodal Officer MIS TEQIP-III) attended NPIU organized meeting on *User Acceptance Test (UAT) for Project Management System* held on August 23, 2018 at NPIU, Delhi.

Dr. Sushant Upadhyaya (Department of Chemical Engineering) delivered two expert lectures, **Linear and Non-Linear Regression Analysis using SIMULINK and Experimental Error Analysis and Design of Experiment**, on August 23 and 24, 2018 in TEQIP III sponsored *Faculty Development Programme on Research Methodology* organized by RTU, Kota.

Dr Rohit Bhakar (Department of Centre for Energy and Environment) attended *Smart Grids R&D Conclave*, DST New Delhi, on 27 August, 2018.

Dr. Akhilesh Nautiyal (Department of Physics), delivered an expert talk, **Exploring the Universe**, at JK LakshmiPat University, Jaipur on August 30, 2018.

Faculty Achievements

Prof. P.R. Soni (Department of Metallurgical and Materials Engineering) has been assigned to review the research proposals submitted to the commission for their feasibility and financial grant by **Chilean National Science and Technology Commission**, Chile, South America.

Dr. Ashish Kumar Ghunawat (Department of Electronics and Communication Engineering) has been elevated to the grade of **IEEE senior member**.

Dr. Ashish Kumar Ghunawat (Department of Electronics and Communication Engineering) has been elevated to the grade of **OSA senior member**.

Prof. Manju Singh (Department of Humanities and Social Sciences) received certificate of achievement for successfully completing **Mentor Training Programme on Community Based Participatory Research**, first cohort January- June 2018 from University of Victoria under Knowledge for Change, UNESCO chair on Community based Research and Social Responsibility in Higher Education.

Prof. P.R. Soni (Department of Metallurgical and Materials Engineering) has been appointed as **Council Member** to the board of **The Indian Institute of Metals**, for the year 2018-19. The Indian Institute of Metals is apex national professional body of Metallurgical and Materials professionals.

Dr. Ashish Kumar Ghunawat (Department of Electronics and Communication Engineering) has been elected as **fellow member of The Institution of Electronics & Telecommunication Engineers**.

Research....related activities

Dr. Akhilesh Nautiyal (Department of Physics) has received a sponsored research project, **Testing particle physics models from cosmic microwave background and large scale structure observations**, from **Indian Space Research Organisation (ISRO)**, Department of Space, under **RESPOND** programme. The project carries a research grant of 23.56 lakh for 3 years.

Dr. Sudhir Kashyap (Department of Chemistry) received **Early Career Research Award** (July 2018) for Young Scientist in Chemical Sciences with a research grant of Rs. 39.9 lakh, sponsored by DST-SERB New Delhi for undertaking, investigating, and establishing a new research area on **Studies & Application of Unprecedented Sulfonium Iodate(I) Reagent in Selective Functionalization of C-C Multiple Bond**.

Research presentations & publications

Dr. Arun Kumar Verma (Department of Electrical Engineering) chaired a session in the **ICEPE 2018 2nd International Conference on Energy Power and Environment** on June 2nd, 2018. The conference was held at National Institute of Technology Meghalaya (NIT Meghalaya), Shillong during June 1st-2nd, 2018.

Dr. Chitrakant Sahu (Department of ECE) presented a research paper in **IEEE International symposium of circuits and systems** held at Florence, Italy from May 27 to June 3, 2018.

Dr. Amit M. Joshi (Department of ECE) presented a research paper in **IEEE International symposium of circuits and systems** held at Florence, Italy from May 27 to June 3, 2018.



Prof. Lava Bhargava (Department of ECE) presented a research paper in **IEEE International symposium of circuits and systems** held at Florence, Italy from May 27 to June 3, 2018.

Hemant Kumar Meena (Department of Electrical Engineering) presented a technical paper related with facial expression recognition in the *3rd IEEE Graph Signal Processing* conducted by EPFL University at Laussane, Switzerland during 6-8 June, 2018.



Dr. Dipti Sharma (Department of Humanities and Social Sciences) chaired the session **Production, Competition & Strategy** and presented a paper, **An Analysis of Competition in Short Term Power Market in India** in the *SIBR 2018 Conference on Interdisciplinary Business & Economics Research*, organized by Faculty of Economics, University of Thammasat, Bangkok Thailand from June 16-17, 2018.



Dr. Manish Vashishtha (Department of Chemical Engineering) attended and presented a research paper in *9th International Conference on Environmental Science and Technology (ICEST 2018)* held during June 20-22, 2018 at Prague (Czech Republic).

Dodla Sivanageswara Rao and Thurpu Raghavender Reddy (PhD scholars), under the supervision of **Dr. Sudhir Kashyap (Department of Chemistry)** made a *Poster Presentation, Sulfonium Iodate(I) Salt Mediated Chemoselective and Stereospecific Iodination of Alkynes* in the International Conference, *Indo-US Colloquium Recent Developments in Inter Disciplinary Research*, jointly organized by Department of Chemistry, Hansraj College University of Delhi, & Loyola University Stritch School of Medicine Maywood, IL USA, during July 2, 2018.

Dr. Chittrakant Sahu (Department of ECE) presented a research paper in IEEE International conference on *Computer Society Annual Symposium on VLSI* during July 8-11, 2018 at Hong Kong SAR, China.

Dodla Sivanageswara Rao and Thurpu Raghavender Reddy (PhD scholars), under the supervision of **Dr. Sudhir Kashyap (Department of Chemistry)** made a *Poster Presentation, Sulfonium Iodate(I) Salt Mediated Stereodivergent Iodination of Alkynes: Solvent-Switched Selective Access to 1-Iodoalkyne and (E) 1,2-Diiodoalkenes* in the *International Conference on Sustainable Chemistry for Health Environment and Materials* held at CSIR-Indian Institute of Chemical Technology, Hyderabad, during August 6-8, 2018.

Chitrakant Sahu and **Divesh Kumar (Department of ECE)** published a research paper in *Supperlattice and Microstructure, Elsevier group publication* titled **Virtually doped SiGe tunnel FET for enhanced sensitivity in biosensing applications**, (August 2018).

Arun Kumar, Vishnu Kumar Sharma, Amit Kumar Sharma, Sampad Kumar Biswas, Santosh Kumar and **Kuttanellore Muraleedharan (Department of Metallurgical and Materials Engineering)** published research paper, **Effect of quenching and partitioning on the microstructure and mechanical properties of a medium carbon low alloy low silicon (0.3C–1.0Mn–0.4Si–0.6Cr–0.46Ni–0.26Mo) steel** in the *Journal of Material Research Express* (IOP science), 5, Sept. (2018) 116503.

Divesh Kumar, Ornov Maulik, VK Sharma, YVSS Prasad, Vinod Kumar (Department of Metallurgical and Materials Engineering) published research paper, **Understanding the Effect of Tungsten on Corrosion Behavior of AlCuCrFeMnW_xHigh-Entropy Alloys in 3.5 wt.% NaCl Solution**, in the *Journal of Materials Engineering and Performance*, 2018/8.

Research paper entitled, **An Analysis of Competition in Short Term Power Market in India** authored by **Amit Kumar Sharma & Dipti Sharma (Department of HSS)** was published in *Review of Integrative Business and Economics Research*, Vol. 7(2018), Issue s4, 113-130 indexed in ProQuest (SciTech Premium Collection).

Research paper entitled, **Present Status, Energy Policies and Future Perspective of Solar Photovoltaic in India**, authored by **Nirav Patel, Nitin Gupta** and **Arun K. Verma (Department of Electrical Engineering)**, *International Journal of Energy Technology and Policy, Inderscience Publications*, In Press, 2018.

Soumyadeep Ray, Nitin Gupta, Ram Avtar Gupta (Department of Electrical Engineering) published the research paper, **Hardware Realization of Proportional-Resonant Regulator Based Advanced Current Control Strategy for Cascaded H-Bridge Inverter Based Shunt Active Power Filter**, in *International Transactions on Electrical Energy Systems, Wiley publications*, In Press, August, 2018. - SCIE Journal.

Research paper entitled, **Experimental Investigations on Multitudinal Sliding Mode Controller based Interleaved Shunt APF to Mitigate Shoot-through and PQ Problems under Distorted Supply Voltage Conditions**, authored by **Vijayakumar Gali, Nitin Gupta** and **Ram Avtar Gupta (Department of Electrical Engineering)**, in *International Transactions on Electrical Energy Systems, Wiley publications*, In Press, July, 2018 - SCIE Journal.

Kunal Bhatt, Ram Avtar Gupta and **Nitin Gupta (Department of Electrical Engineering)**, published paper entitled, **Simulation of modified flyback snubber circuit for isolated bidirectional DC-DC converter**, in *International Journal of Emerging Electric Power Systems*, In Press, August, 2018. - SCIE Journal.

Visits/ Training related activities of Institute Staff

Ms Harshita Baranwal (Central Library) attended three days Training Programme *E-resource management & usage analysis* held on 20-22 June, 2018 at Information & Library Network, Gandhinagar Gujarat.

Shri Jai Narain (Registrar) attended training program on Verification of claims of candidates and employees as belonging to SCs/STs/OBCs and Disability certificate for persons with disabilities (PWDs) held on 17-18 July, 2018 at Institute of Public Administration, Pune.

Shri Jai Narain (Registrar) visited Mumbai to discuss annual accounts for the year 2017-18 of the Institute with Chairperson on 1-2 August, 2018.

Shri Raj kumar Manjhiwal (Deputy Registrar) attended the training on *Financial Management and PFMS* held on 2-3 August, 2018 at BVB Sardar Patel College of Engineering, Mumbai.

Shri Deepak Maheshwari (Nodal Officer Finance, TEQIP-III) attended the training on *Financial Management and PFMS* held on 2-3 August, 2018 at BVB Sardar Patel College of Engineering, Mumbai.

Student related activities

International Day of Yoga was celebrated on June 21, 2018. Yoga expert from ISHA foundation conducted the yoga session which was followed by meditation. The event was coordinated by CACS.



An orientation program for new entrants was organized on July 28-29, 2018. The orientation activities



included yoga sessions, plantation drive, campus tour, senior-junior interaction by the mentors and sub-mentors of the student mentorship program. On the second day students and their guardians were introduced to academics, placement & training, entrepreneurship development, innovation and incubation, creative arts and cultural society(CACS), hostel, sports, library and various other facilities available on the Institute campus. Prof. Uday Kumar

Yaragatti (Director MNIT) concluded the forenoon session with his inspirational address. The two day orientation program ended with cultural evening. The audience was enthralled by the performances by talented first year students. The evening was concluded by a dramatic performance by DIL and a spectacular dance performance by $E=MC^2$.



Management Club of Department of Management Studies organized fun and interactive sports event- Riyadat on August 4, 2018 for healthy interaction between seniors and juniors through a set of fun and sports activities. Sitoliya, Kho- Kho, Football and Basketball were played in this event. The management students learnt team building, leadership and negotiation skills through enjoyment.

The 72nd dawn of freedom arose on August 15, 2018 and filled the MNITJ air with patriotic feelings. The Independence Day celebrations were marked by the hoisting of the national flag and an inspiring speech by Prof. Udaykumar R. Yaragatti, the Director, in the presence of faculty, staff and students.. This was followed by invigorating instrumental and vocal musical and dance performances by students and staff.





The **Department of Management Studies** initiated a donation camp, **OLD for you-NEW for them** for the needy and poor children. The camp collection included clothes, books, packaged food, toys, stationery items, shoes etc. from the students of MNIT, which was distributed on August 15, 2018. More than 50 families were provided with clothes and the packaged food was distributed to nearly all the children on the streets.

MNIT Innovation and Incubation Centre organized the **Young Innovator's Challenge** on August 24, 2018. The event was organized in association with St. Edmunds School (Jaipur). School students participated in the contest wherein all were asked to share their start-up/entrepreneurial ideas to a panel of industry experts who would then guide, motivate and encourage these idea holders to move to the next stage and work on them. The final round of the contest was held in MNIT Jaipur where the three best presenters and ideas were awarded.

The **MNIT Innovation and Incubation Centre** organized an event entitled **ECO Grants – Incubating Youth Ideas** on August 28, 2018. The event was an orientation to the programme launched by NITI Aayog on end-to-end solutions on Environmental Sustainability. Each idea stands a chance to win Rs. 5 Lacs. The ideas invited were required to propose solutions to one of the five broad categories, namely, Accessible Green Space, Air Pollution and Health Impacts, Sanitation and Hygiene, Waste Management and Water Security.

Sports related activities

The **Athletics** team of MNIT selects new students every year during August on the basis of performance, discipline and attendance. Over the past three years, the Athletics team has participated in events held at NIT Kurukshetra, IIT Kanpur and NIT Rourkela, including short and long distance races, throwing and jumping events. The team secured first position in the All India Inter-NIT Athletics and Gym Tournament held last year.

The MNIT **Gymnasium** team has proved its mettle in all forms of the sport-individual and group events. The 2018 Malaviya Sports Tournament saw them winning the Best Power lifting and Best Weight lifting events.



The MNIT **Cricket** team, the defending champions for 3 consecutive years at the annual sports fest MST held at MNIT, put up a great performance last year at the tournament held at IIT Ropar and secured second position.

The MNIT **Chess** team welcomed a number of first year students this season with an introductory session and interaction with a few friendly challenges. The team also sparred with each other in online tournaments to improve timed performance. The MNIT Chess team is the winner of Malaviya Sports Festival'17 and secured runners up position at IIT Ropar last year.

Keeping up their past record in Inter-NIT and MST, the MNIT **Badminton** team is ready to perform equally well in the upcoming tournaments. Selections for the institute's team have just been completed and now the team has started practicing for the All India Inter NIT Badminton Tournament to be held at NIT Nagpur.

The MNIT **Lawn Tennis** team is the two-time defending champion of the annual sports fest MST. Last year it gave a tough competition at the Inter NIT tournament held at Warangal and the women team secured III position.



The MNIT **Volleyball** boys' and girls' teams both secured II position in Malaviya Sports Tournament, 2018. The boys' team won I position at *Aarohan*, IIT Ropar. Volleyball has started gearing up for the upcoming season. Selections and grooming of first year students and practice sessions have begun. A visit to BITS Pilani has been planned for September.

Having reached the quarterfinals of the two previous editions of the Inter NIT Basketball Tournament and the semi-finals of the Malaviya Sports Tournament, the MNIT **Basketball** team has started gearing up for the upcoming season. Selections of first year students have begun.

The **Table Tennis** team of MNIT is the current champion of Malaviya Sports Tournament. With the team selected for the upcoming year, they are preparing for the Inter NIT Tournament at VNIT, Nagpur.

Training & Placement/ Packages

Sumit Sharma: ID 2016RME9002 (**Department of Mechanical Engineering**) attended *research training* during 05-06 June, 2018 at Maharashtra.

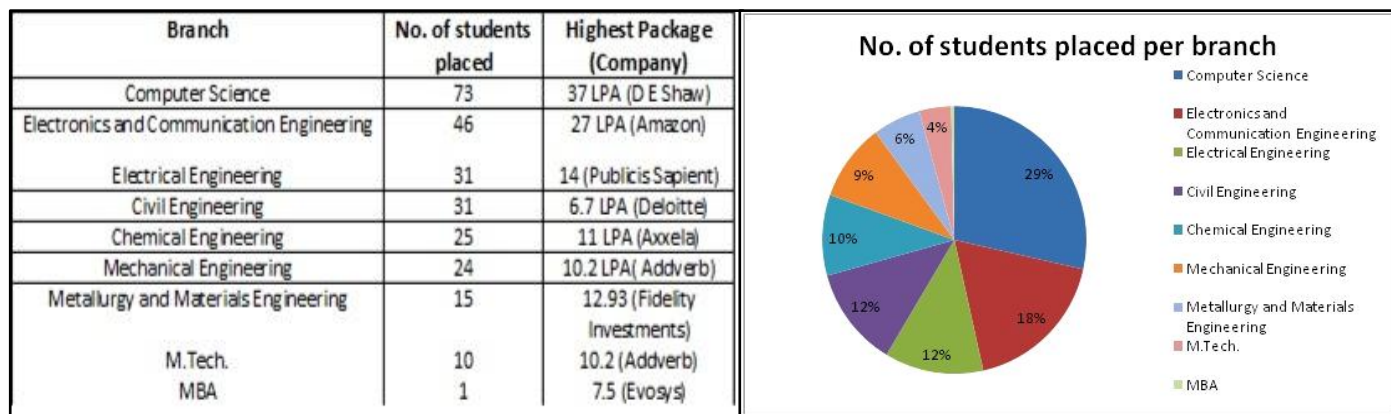


Sandeep Singh Shekhawat: ID 2016RCE9503 (**Department of Civil Engineering**) attended two weeks *GIAN course Qualitative Microbial Risk Assessment* during 18-29 June, 2018 at IIT, Delhi.

Gaurav Kataria: ID 2014RCH9514 (**Department of Chemical Engineering**) attended *Continuing education program Process Automation and Control* during 9-13 July, 2018 at NIT, Warangal.

Tanvi Chawla: ID 2015RCP9023 (**Department of Computer Science & Engineering**) attended the *9th International Conference on Computing, Communication and Networking Technologies (ICCCNT)* during 10-12 July, 2018 at IISc, Bengaluru.

Manoj Kumar Pal: ID 2017RME9086 (**Department of Mechanical Engineering**) attended the *2nd Cyber-Physical Systems Symposium, CyPhySS* during 11-12 July, 2018 at Indian Institute of Science, Bangalore.



Placement statistics upto September 15, 2018:

- 256 students have been placed till date.
- Highest pay package INR 37 LPA to students of Computer Science.
- Total number of companies that have visited the campus- 56.
- Number of offers given to students-259 (including B.Tech. and PG courses).
- 10 companies have visited the institute and hired 41 students for internships.

Upcoming Events

- Short Term Course on Computational Research Techniques using MATLAB, October 22-26, 2018 sponsored by TEQIP III.
- Two Days Workshop on Case Method Teaching & Writing, Department of Management Studies from November 17-18, 2018.
- FDP on Modeling & simulation of Custom Power Devices for Power Quality Improvement, November 19-23, 2018.
- 3rd International Conference on Soft Materials (ICSM 2018), December 9-14, 2018.
- Short Term Course on Data Analytics for Engineers, December 10-14, 2018.
- NCM sponsored TEW on Algebra, Analysis (2018), October 15-20, 2018.
- MNIT Jaipur will host 8th IEEE International Conference on Power Electronics (IICPE-2018), December 13-15, 2018.
- Short-Term Course on Scientific Techniques & Computational Approaches, December 24-28-2018.
- 1st International Workshop on Text Analytics and Retrieval (TexAR) in conjunction with Web Intelligence 2018.



Prof. Awadhesh Bhardwaj had a vast experience of entrepreneurship development. He had more than 30 years of experience in teaching and research. He had been successfully running entrepreneurship development cell since 2002, initially supported by NSTEDB till 2007. Good number of start-ups were started at MNIT and other institutes with his efforts and motivation to students. He had been instrumental in opening ED Cells in various government and private science & technology institutes of Rajasthan. Prof. A. Bhardwaj played an important role in developing incubation facilities at MNIT Jaipur. He developed the core model of incubation centre in the year 2012 and the idea was formulated for initiating the development of an Incubation Center. Due to his continuous efforts for establishing an Incubation centre, MNIT was



awarded a TBI by DST, GOI in the year 2016. He was the founder member of the team which established MNIT Innovation and Incubation Centre (MIIC) at MNIT Jaipur. It was his dream project and he monitored the project continuously with passion and commitment. Under his guidance as Head, MIIC has done great work. More than 25 Startups have been registered, within two years of inception.

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Ms. Aishwarya Anand

