

MNIT NEWSLETTER

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

MNIT NEWS

Director's Message

It is a matter of great pleasure for me to know that the first issue of the Institute Newsletter is now ready. I am of the opinion that the Newsletter of an institute is an interface with the internal as well as outside society. It provides a window to showcase the Institute's academic and research contribution of faculty and the students. It also informs the stakeholders about the quality of infrastructure both in terms of equipment and various facilities available. It provides information about co-curricular and extra-curricular achievements in terms of sports, creative arts and other activities of students during the recent past.

This Institute which was established half a century back needs to integrate latest technologies in its curriculum and also upgrade its laboratory infrastructure so as to make our Institution the most sought one globally.

In present era of globalization the Institutions are under high pressure to deliver quality education. Only when we produce students who are competitive, innovative and creative with high ethics our job is done. The teacher has thus an important role to play in building the character besides making them competitive. It is this quality which makes them respectable and socially useful citizens of a nation. We need to work hard to mould these young minds into leaders of tomorrow. This can be achieved by setting smart goals and draw strategic plans for achieving them. Nothing worthwhile is achieved without hard work.

I am happy to note that several initiatives to disseminate knowledge were carried out recently by the faculty in terms of organizing training programmes in Energy Conservation and Building Code in Rajasthan which was first of its kind. Besides training programmes like IGBC and certification programme on GRIHA rating system for green buildings, IEEE workshop on VLSI applications etc. were also organized.

The Institute has done a commendable job in the past and has built a brand name for itself and it is for all of us to work in this direction with passion and make it a better known institution globally. All opportunities in the world are waiting to be grasped by people who are in love with what they are doing with a clear conscience. It is hard work which transforms desires into achievements. We need to remember that hard work does not guarantee success; but without it we don't have a chance.

I thank the coordinator of the Newsletter and her team for an excellent work in bringing this newsletter into your hands.

Prof. I.K.Bhatt



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.



Workshops/ Training Programs Conducted



Students making models with clay

- A two-day workshop on '**Clay Modeling**' was organized by the Architecture Department from March 11-12, 2011. Mr. Anil Sharma from Rajasthan School of Arts, Jaipur, taught the basic techniques, exploring the medium with the students of first year.
- A one-day workshop was organized with CEE, MNIT Jaipur and IWWA, Jaipur Centre as joint organizers, by Civil Engineering Department on the theme "**Our Place ... Our Environment ... Our Responsibility- with special reference to water**" on June 5, 2011, the World Environment Day, at Design Centre, MNIT Jaipur.
- A one-day workshop on '**Energy Efficiency through Psychometric Considerations in HVAC Equipment Design**' was organized by Centre of energy and Environment (CEE) on September 19, 2011. Prof. M.P. Maiya, IIT Madras, Chennai was the main speaker. 20 professionals and 100 students attended the workshop.
- Two one-week training programmes were organized by the Industry-Institute



Participants of Rajasthan Energy Conservation Building Directives with Director



Rajasthan Energy Conservation Building Directives training session

Partnership (IIP) Cell for the Engineers of Bosch Ltd. from July 11-15, 2011 and July 18-22, 2011. More than 25 engineers were trained during these programmes.

- An Advanced Training Program on '**Green Buildings**' was organized in the Institute from August 5-6, 2011, at Design Centre, with IGBC. More than 50 participants attended the program. Prof. I.K. Bhat, Director, MNIT



Participants of training program on Green Buildings

Jaipur, was the Chief Guest of the program.

- Two one-day training programs on '**Rajasthan Energy Conservation Building**



निदेशक महोदय संस्थान में आयोजित हिंदी कार्यशाला को संबोधित करते हुए

Directives' were organized on 23rd September, and 15th October, 2011. The programs were attended by 35 participants including architects, air-conditioning consultants, faculty members,



हिंदी सभह के अंतर्गत हिंदी प्रश्नोत्तरी

government officials and students. The program was sponsored by the Rajasthan Renewable Energy Corporation Limited.



Interaction session of workshop on "Implementation Plan for ECB Directives in Rajasthan"

- Workshops on **comic-making, graffiti and wall-painting** were organized in September by the Architecture Department. Faculty coordinator Mr. Pankaj Yadav and student coordinator Sayon Pramanik of Final B. Arch. also organized an exhibition of students work during these workshops.
- हिंदी कार्यशाला: मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर में दिनांक 26 अगस्त 2011 को हिंदी भाषा के उपयोग को बढ़ावा देने के लिए एवं उसका अधिकाधिक दैनिक उपयोग किये जाने के उद्देश्य से एक

हिंदी कार्यशाला का आयोजन संस्थान की राजभाषा समन्वय समिति द्वारा किया गया। कार्यशाला का विषय राजकीय कार्यों में राजभाषा के प्रयोग एवं अनुप्रयोग था इस कार्यशाला का उद्घाटन संस्थान के निदेशक प्रो. इन्द्र कृष्ण भट्ट ने किया। कार्यशाला के मुख्य अतिथि वक्ता कॉलेज शिक्षा के पूर्व संयुक्त निदेशक डॉ. दुर्गा प्रसाद अग्रवाल एवं राजस्थान विश्वविद्यालय के हिंदी विभाग के प्रो. हनुमान प्रसाद शुक्ल थे। कार्यशाला में संस्थान के संकाय सदस्य, अधिकारियों, कर्मचारियों एवं छात्रों ने भाग लिया।

- A one-day stakeholders' workshop on "Implementation Plan for ECB Directives in Rajasthan" was organized jointly by CEE, MNITJ and Pacific Northwest National Laboratory, USA with support from RRECI,

Jaipur and BEE, New Delhi on October 13, 2011 at Design Centre, MNIT. Mr. Mark Ginsberg, Senior Advisor, Department of Energy, USA was the Chief Guest.

- Mr. Nickolas Long, Sr. Engineer, National Renewable Energy Laboratory, Denver, USA conducted training program on 'Advanced Building Energy Simulation using Energy Plus' on October 24, 2011. Students and faculty members of MNIT involved with Building Energy Simulation, participated in this program.

Distinguished Visitors/Expert lectures in the departments

- An informal session on '**Sustainable Practices in Architecture**' by practicing architect from Chandigarh, Dr. Sangeet Sharma on May 29, 2011, was organized for the



Training Session on 'Sustainable Practices in Agriculture

students and faculty members of the Architecture Department.

- An expert lecture on '**Future prospects in hydrocarbon industries**' was delivered in Chemical Engineering Department by distinguished visiting Professor Dr. M.O.Garg, Director, IIP Dehradun, on June 30, 2011.
- Presentation on '**Solar Water Heating System**' for the students of fourth and fifth year by Mr Laith Oglah was conducted on August 3, 2011 in the Department of Architecture.



Presentation on 'Solar Water Heating System'

- The Training & Placement Cell organized the following two expert lectures for the betterment of students.
 - After Graduation, What?'** by Shri Nitesh Jain, Senior R&D Engineer at Synopsys, California, USA on July 28, 2011.

- **Expectation from industry and transition from college to corporate**" by Shri. Makarand Deolalkar, Executive vice President at L&T Infotech on August 5, 2011.
- **Dr. S L Mannan**, Scientist & Director (retired), IGCAR, Kalpakkam, visited the Department of Metallurgical and Materials Sciences.
- A team from the University of Greenwich visited the Department of Management Studies from 10-13 May 2011. The team members included Dr. Elizabeth Janet Lethbridge, Dr. Hanna Yakavenka and Dr. Michael Strik Wynn-Williams Team

members interacted with the faculty and students of the department. Detailed discussions were held with faculty about the area of mutual collaboration. They also delivered talks on various topics such as Business Communication, Marketing Strategies, Cross-culture issues, Rhetoric and public speaking, International Business Environment etc.

- An expert lecture on "Future Prospects in the Hydrocarbon Industry" was delivered by distinguished visiting Professor Dr. M. O. Garg, Director, IIP Deharadun on 30-06-2011 in the Department of Chemical Engineering.

Visits/Expert lectures delivered by Institute Faculty

- **Dr. P. R. Soni**, Professor Metallurgical and Materials Engineering Department delivered keynote address on '**Fascinating world of Nanomaterials**' in National Symposium on Nanotechnology and its applications, held at Jaipur, on 9-10 July, 2011.
- **Dr. Ashok Sharma**, Professor, Metallurgical and Materials Engineering Department visited, Dept. of Materials, IISc, Bangalore, for Collaborative R&D project, from 10-11 March, 2011.

Activities



Participants of Sustainable Energy and Environment Quiz



Sustainable Energy and Environment Quiz winners

- Centre for Energy and Environment (Coordinators Dr A. B. Gupta and Dr Jyotirmay Mathur) organized a state level quiz on "**Use of Plastics and the Environmental Hazards**" in collaboration with Rajasthan Pollution Control Board, RPCB, Jaipur on January 23, 2011.
- An orientation program on **Entrepreneurship Development** was organized by the IIP Cell in collaboration with NEN on February 23, 2011 for the students of MNIT Jaipur. More than 200 students participated in the programme. Mr. N.K. Chaudhary, Chairman, Jaipur Rugs Ltd. and Mr. Ajay Gupta, M.D. Kamtech Associates were the main speakers on the occasion.



Sustainable Energy & Environment



हिंदी सप्ताह का उद्घाटन समारोह

- An informative session on **Technopreneur Promotion Programme** was organized by IIP Cell for the students of MNIT Jaipur on March 7, 2011. More than 100 students participated in the program. Prof. S.M. Mathur was the main speaker during the program.
- An **Entrepreneurship Awareness Camp** was organized by IIP Cell on March 28, 2011 for the students of MNIT. More than 70 students participated in the program.
- A national level **Sustainable Energy and Environment Quiz** was organized in association with ISHRAE and REIL, 450 students from MNIT and other institutes participated in the quiz, held on August 20, 2011, on the occasion of the Rajiv Gandhi Akshay Urja Diwas. Mr. A.K. Jain, MD, REIL was the Chief Guest of the program.

- **Ozone Day** was celebrated on September 16, 2011 in which the following events were organized: painting competition for children of Govt. Primary School at MNIT, 'Best Out of Waste' and Environmental Quiz for children of MNIT staff members, Hindi Debate competition for students of MNIT (in association with Hindi Samiti), 'Save Environment Pledge' for students and staff members of MNIT.

- मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर में दिनांक 13 से 19 सितम्बर 2011 तक हिंदी सप्ताह का आयोजन संस्थान की राजभाषा समन्वय समिति द्वारा किया गया।

- सप्ताह का शुभारंभ 13 सितम्बर को सायं 5.00 बजे किया गया इस अवसर पर कार्यक्रम के मुख्य अतिथि डॉ. मनोहर प्रभाकर थे समारोह की अध्यक्षता मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर के निदेशक प्रो. इन्द्र कृष्ण भट्ट ने की उद्घाटन समारोह में डॉ. प्रभाकर ने कहा कि इंजीनियरों को हिंदी भाषा का साहित्य जरूर पढ़ना चाहिए साहित्य भाषा को गहराई देता है हिंदी में सूचना

प्रौद्योगिकी को वहन करने की गहरी क्षमता है इस कार्यक्रम के उपरान्त हिंदी में लिखित एवं मौखिक प्रश्नोत्तरी प्रतियोगिताओं का आयोजन किया गया जिसमें संस्थान के छात्र-छात्राओं और स्टाफ के सदस्यों ने बढ़-चढ़ कर भाग लिया।

- हिंदी सप्ताह के दौरान आयोजित अन्य कार्यक्रमों एवं गतिविधियों में हिंदी निबंध लेखन, आशुभाषण एवं काव्यपाठ के अतिरिक्त अभियंता दिवस पर तकनीकी विषयों पर भाषण एवं ओजोन दिवस पर वाद-विवाद प्रतियोगिता रही। दिनांक 19 सितम्बर 2011 को हिंदी सप्ताह का समापन समारोह आयोजित किया गया।

- कार्यक्रम के मुख्य अतिथि सुप्रसिद्ध साहित्यकार एवं दूरदर्शन केंद्र, जयपुर के पूर्व निदेशक श्री नन्द भारद्वाज थे।



हिंदी सप्ताह में आयोजित काव्यपाठ प्रतियोगिता

Faculty's Achievements

- **Dr A.B. Gupta** was nominated as a member of the Rajasthan State Pollution Control Board, Government of Rajasthan on April 20, 2011 for a period of three years.

- **Dr. Mukesh Jain** is working as Assistant Editor in an international journal "Heterocyclic Communications" Published by Freund Publishing House, England.



- **Dr. A. B. Gupta** was co-opted as a member of the executive committee of IE(I), RSC, Jaipur for the sessions 2010-2011 and 2011-2012.
- **Centre for Energy and Environment** received an award from the Rajasthan State Government for excellence in promoting energy saving measures in December, 2010 by the Chief Minister of the State.
- **Dr. A.B. Gupta** was nominated as a member of

the Board constituted by the Government of Rajasthan on Environmental Health for three years.

- **Dr. S. P. Chaurasia** has been elected as member of executive committee of Indian Desalination Association for two years 2011-2013.
- **Dr. Subir Debnath** was invited as a Chairperson for UGC National Seminar, "Participation of Women in Games and Sports", Udaipur, Rajasthan, India, (9-11, Sep., 2011).
- **Dr. Subir Debnath** was invited as a Chairperson for a Symposium session in the 16th Asian Games Science Congress, Guangzhou, China, (Oct. 9-12, 2010).
- **Dr. Awadhesh Bhardwaj** and **Dr. M. L. Mittal** visited the University of Greenwich from 09-14 June 2011 to discuss the course curriculum of MBA (Technology Management).

Students' Achievements

- Students of Final Year of Architecture won 1st Prize in TRANSPARENCE 2011, which is a yearly Design competition sponsored by Saint Gobain.
- Hitesh Shri Shrimal, Mani Dhingra and Ruchika Bharitya student of Architecture Department won the Public Choice Award in the same event
- Students of the Architecture Department won Citation in ANDC in NASA convention February 2011 held at Hubli, Karnataka.
- MNIT games and Sports have achieved a milestone by winning with records for the period from December 2009 to

date. Ms. Sommya Mahalawat (B. Arch.) was selected as a **Captain** and Ms. Bhumika Saini (Meta.) as a player for Rajasthan State Senior Women Football Team-2011.

- MNIT became the overall Champion in the All India Sports Tournament **BOSM'10** (BITS, Pilani, Rajasthan). In BOSM'11 MNIT won 18-Medals.
- In **MST'10 & MST'11** (All India Invitational Sports Tournaments) MNIT became overall champion.
- MNIT Cricket team (Men) & Football team (Men) displayed a good performance in Udghosh

Sports Tournament, (IIT, Kanpur) 2011.

- MNIT Cricket team (Men) became the Runners Up in the All India Inter-NIT Cricket Tournament, (Suratkal, Karnataka) 2010.
- MNIT Basketball (Men) and Table Tennis (Women) team became **Champion** in the All India sports meet, (LNMIIT, Jaipur, Rajasthan) 2010.



Placement & Industry-Institute Interaction

While still a month is left for the semester to end, we are proud to say that a total of 350 offers have been made to 341 students. Apart from this a few students also got Pre-Placement Offers (PPO). The details are as follows:

- Drishti-Software Solutions offered 2 students with package of 8 LPA.
- Microsoft India (MSIDC) offered 1 student with package of 16 LPA.

A few students from third year were also selected as interns. The details are as follows:

- Microsoft India (MSIT) chose a student from Computer Engineering Branch.
- Microsoft India (MSIDC) chose three students from Computer Engineering Branch.
- Qualcomm chose three students from Computer Engineering & Electronics & Communication Engineering Branch.
- This Year the outgoing batch of M.Sc. Chemistry has been completely recruited through Campus.



Placement till 31st October 2011

Branch Wise Total	No. of Offers	No. of Students Placed	Average Package (LPA)
Chemical	37	36	4.23
Civil	25	25	5.07
Computer	58	54	6.70
Electrical	36	36	4.84
Electronics	44	44	4.85
IT	51	50	5.04
Mechanical	42	41	5.13
Metallurgy	27	26	4.74
M.Tech	30	29	4.63
Total	350	341	5.14

Campus News

- A Women's Cell has been constituted in the Institute to create a safe and gender - sensitive environment for women on the campus and to deal with instances of sexual harassment as per the directions of the Hon'ble Supreme Court of India in the case of Vishakha vs. the State of Rajasthan. Women in the Institute so affected may contact any member of this cell to lodge complaints,

details of which are available on the Institute website.

- Steps were taken to develop Continuing Education Center



(CEC) in the Institute. Rules & Regulations for the same were framed and discussed with Director. The details of CEC will be soon available on the Institute website.

- One of the most happening and enthralling **Freshers' Day** celebration programs was organized by the Institute. The students of the first year were greeted with bouquets and chocolates and senior

students were seen extending a warm welcome to all of them. Students cheered all the people present with their scintillating performances including dancing, rapping, singing and many more. The first year unveiled their talent in college for the first time in front of all the teachers and students. Mr. Anant Kumar, Business Head of the Clark's group of Hotels, who came as Special Guest, delivered a speech to motivate students and inculcate in them the feeling of togetherness. Nehansh Mehrishi was declared Mr. Fresher and Anshu Jain was declared Miss Fresher.

- MNIT organized **MST'11** in the month of Feb. 2011 (All

India Invitational Sports Tournaments) in which more than 450 students from different Engineering College/Institutes participated.

- In this session **Inter- Hostel Games and Sports and Inter-Branch tournaments** were organized successfully. Improvised sports Tournaments as Hong Kong Cricket, 5- aside Football, 2+2 Volleyball and 2+2 Basketball were organized. Institute also organized Inter-Branch tournaments in Badminton, Basketball, Cricket, Football, Power Lifting, Tennis, Table Tennis and Volleyball for men and women.

- **Orientation Day** for new entrants was organized by the Student Counseling Cell, MNIT on July 21, 2011. Parents, faculty members and other staff members along with new entrants attended the orientation ceremony in the central lawn of the Institute. Director, Dean-SW, Dean-AA and Chief Warden welcomed the students to MNIT Jaipur family and gave briefing about procedures, provisions, rules, code of conduct and other essential tips.
- **Update: 2011-12 Placements** 484/437 B.Tech. & 47 M.Tech. offers made to date by 64 Companies.

List of companies that visited the campus this year

- | | | |
|--|------------------------------|----------------------------------|
| ● Atkins Global | ● Software Centre (M.Tech) | ● Shapoorji Pallonji |
| ● Futures First | ● Mahindra & Mahindra | ● Indus Valley Partner |
| ● Unisys | ● Tech Endeavour | ● Jindal Stainless Steel |
| ● Net App | ● L&T HED | ● Tata Motors |
| ● Free Scale | ● Maruti Suzuki | ● Polaris |
| ● Samsung India | ● Parker Hanifinn | ● Aditya Birla Group- Grasim |
| ● Winshuttle | ● Bajaj Auto | ● ZS Associates |
| ● Hero Moto Corp | ● Group Soft | ● Punj Lloyd |
| ● Oracle | ● Atos Origin | ● Verizon |
| ● Deloitte | ● Infoedge | ● IOCL |
| ● Samsung Engineering Labs | ● Embedded Infotech | ● Microsoft IDC |
| ● Infosys (B.Tech) | ● BOC India | ● Cairn India |
| ● Samsung India Software Centre B.Tech | ● C-Dot | ● Headstrong |
| ● Microsoft IT | ● Cummins | ● G S Engineering & Construction |
| ● Infosys M.Tech | ● Sony India Software Centre | ● Mu-Sigma |
| ● Samsung India | | |

Forthcoming Events

Fourth International Conference on 'Structural Stability and Dynamics' being organized by the Department of Structural Engineering in collaboration with Department of Mechanical Engineering, Texas A&M University, USA, from January 4-6, 2012.

Editorial Team

Dr. (Mrs.) Nupur Tandon,
Coordinator
Dr. Ragini Gupta, Member
Dr. Kanupriya Sachdev, Member
Ms. Kalpana Pandit, Member
Dr. Madhu Agarwal, Member
Sri Anshu Saxena, Member