

MNIT NEWSLETTER

Issue 4, September, 2012

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

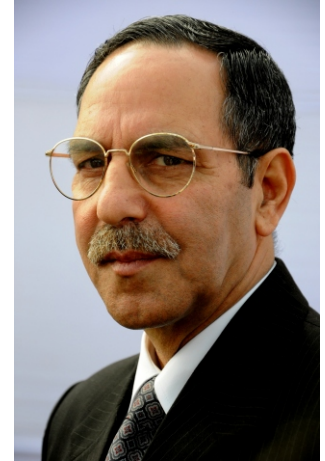


MNITJ NEWS

Director's Message

I am delighted to present the Golden Jubilee issue this month which marks the beginning of the fiftieth year of this renowned institute. The Golden Jubilee Year of Malaviya National Institute of Technology Jaipur officially began on the 1st of this month with a grand Inaugural Ceremony that was graced by the presence of Hon'ble Shri Kapil Sibal, Minister of HRD, and Communications and IT, Government of India, as the Chief Guest, and Prof. Hari Gautam, former Chairman, UGC, as our Guest of Honour. The function was presided over by Chairman, Board of Governors of the Institute, Prof. K.K.Aggarwal. The Institute will now be a hub of activity-academic and non-academic-as great minds will come together to debate, inform, create and theorize. The campus will witness a host of events, each of which will throw fresh challenges to agile minds to continuously update themselves and will transform this institute into a dynamic entity. Faculty members and students will get the golden opportunity to tap on the vast reservoirs of the experiences and knowledge of the numerous distinguished speakers who will be coming either as invited speakers or experts; to interact with a variety of people; and to enhance the scope of their own thought. I would like all of you to participate in this year-long event.

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.



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

❖ A one-day workshop on “Vishakha Judgment: Empowering Women” was held at MNIT, Jaipur on **July 28, 2012**, organized by the Women's Cell of the Institute. The Workshop was inaugurated by Chief Guest Prof. I.K. Bhat, Director of



Workshop by Women's Cell

MNIT Jaipur. The Guest of Honor, Prof. Lad Kumari Jain, Chairperson, Rajya Mahila Aayog, Govt. of Rajasthan, was felicitated by Prof. I.K. Bhat, Director and welcomed by Dr. Nupur Tandon. Prof. Rashmi Jain, Chairperson, Women's Cell, presented the Report of the activities of the Cell during the last year. Renowned speakers at the workshop included Prof. Pawan Surana, Prof. Renuka Pamecha and Ms. Kavita Srivastava who are all active in the cause of women's rights and empowerment. Dr. Kanupriya Sachdev delivered the Vote of

Thanks. The workshop was attended by the faculty, staff and students of MNIT Jaipur.

❖ A one-week Short-Term Course titled “Recent Trends in Electronics and Communication Engineering” was organized jointly by the Department of ECE and EE. 40 faculty members from various government and private engineering colleges and persons from industry participated in the course. Dr. Ghanshyam Singh, (Assistant Prof., ECE Dept.), and Dr. Rajesh, (Assistant Prof. EE Dept.), were the organizers of the course.

❖ The **Centre for Energy and Environment** organized 'Sustainable Energy and Environment Quiz' (SEEQ-2012) on **August 20, 2012** on the occasion of Rajiv Gandhi



Winners of Quiz

Akshay Urja Diwas. 200 teams (80 from outside MNIT) participated in the



Participants of Quiz

event. First three teams were given cash prize sponsored by ISHRAE, and all the 12 finalists were given solar lanterns by REIL who were organizing partners in this event. Mr. **A.K, Jain**, MD, REIL, Chief Guest on the occasion distributed the prizes. **Dr. G. D. Agrawal** was Faculty Coordinator, and Mr. Ashul Sharma, Final Yr. (Mech.) was Student Coordinator of the event.

Distinguished Visitors/Expert Lectures in the Departments

❖ **Professor Bhattacharya**, Mechanical Engg. Department of IIT Kanpur, a renowned researcher in the Bio Chips and Lab. visited the Department of Electronics and Communications Engineering. He delivered a very enlightening and motivating lecture on “Design of Bio chips and Lab on chip” . He interacted and guided the researchers working in the area. It was agreed to carry out collaborative research with IIT

Kanpur in the mentioned area.

❖ Professor Girish Kumar, a very senior Professor in EE department of IIT Mumbai who is a renowned person in the area of RF radiation, antenna and wave propagation visited the Department of Electronics and Communications Engg. on **June 28, 2012**. A very fruitful and motivating interaction and discussion with faculty and research students took place.

❖ A group of 28 foreign delegates from 18 countries visited the Entrepreneurship Development Cell and Language Laboratory of MNIT Jaipur on **August 1, 2012**. These delegates came from Entrepreneurship Development Institute of India, Ahmedabad where they are learning various facets of entrepreneurship for six weeks under the sponsorship of ITEC, Ministry of External Affairs, Govt. of India. These delegates were from 18 countries, viz; Mongolia, Indonesia, Uzbekistan, Madagascar, Lithuania, Serbia, Tanzania, Kazakhstan, Palestine, Chile, Vietnam, Nigeria, Niger, Seychelles, Slovak Republic, Surinam, Cape Verde Island and Afghanistan. The group comprised senior level government officers, communication consultants, tax consultants and academicians. During the programme, a presentation about the Institute and Entrepreneurship Development Cell was given to the delegates. An interactive session on various aspects of entrepreneurship was also organized. After this, they



Dr. A. Bhardwaj interacting with delegates

were exposed to the facilities available in the language laboratory of the Institute. Later, they took a round of the



Dr. P. Bhatt detailing facilities in Language Lab.

campus and appreciated the facilities available in the Institute.

❖ Prof. C V R Murty, Distinguished Professor, Indian Institute of Technology Madras delivered a special talk on “**Seismic Vulnerability of Urban Houses in India**” on **August 4, 2012** at MNIT Jaipur. Apart from faculty members and students of MNIT, senior functionaries (Engineering) from RHB, CPWD and AVS also attended the lecture. The lecture was

thought-provoking.

❖ Dr. Mandal (CEERI Pilani), Dr. S.C. Bose (CEERI Pilani), Prof. Shantanu Bhattacharya (IIT Kanpur), Prof. Ekram (AMU Aligarh), Prof. Mittal (NSIT Delhi) visited the Department of Electronics & Communication Engineering, delivered lectures and interacted with faculty, and students and research scholars.

Awards / Recognition Received / Faculty Achievements

❖ Dr. Mohammad Salim, Head & Associate Professor of the Department

of ECE was included as Technical Expert on Mobile Radiation in a committee constituted by the Honorable Rajasthan High Court for measuring and monitoring the mobile tower radiations in Jaipur city. The other members of the committee were Dr. Nawlkha (Former Principal SMS Medical College and renowned cancer specialist), **Professor Y.K.Vijay** (Department of Physics, University of Rajasthan), **Dr. Arun Gupta** (Cancer Specialist) and Mr. G.S. Shekhawat (Director Term Cell, DOT Jaipur). The committee has completed its task and has submitted the report and the recommendations to the Honorable Rajasthan High Court.

❖ **Dr. M.K. Shrimali**, Department of Civil Engineering has been appointed reviewer for the following International Journals:

- (1) International Journal of Sound Vibration, Published Elsevier Science (ISSN: 0022-460X)
- (2) Journal of Mechanical Engineering Science, (ISSN: 0022-2542)
- (3) International Journal of Computational Material Science and Engineering (1753-3473)

❖ **Dr. N.C. Upadhyay**, Associate Professor, Department of Metallurgy and Materials Engg. has been selected for "Glory of India" Award for Excellence in India by International Friendship Society.

❖ **Dr. Manish Vashishtha**,

Assistant Professor, Chemical Engineering Department, has been nominated as Member Board of Governors IILM Academy of Higher Learning, Jaipur.

departments participated.

Professor I.K. Bhat emphasized the importance of team work and collaborative approach and said that the role of a teacher is

Visit/Expert Lectures Delivered by Institute Faculty

❖ डॉ. राजकुमार व्यास, समन्वयक राजभाषा एवं सहआचार्य रासायनिक अभियांत्रिकी विभाग एवं डॉ कैलाश सिंह सदस्य, राजभाषा समिति एवं सहआचार्य रासायनिक अभियांत्रिकी विभाग ने इंस्टिट्यूट ऑफ पब्लिक अड्मिनिस्ट्रेशन, बंगलूरु द्वारा जयपुर में दिनांक 27 एवं 28 जुलाई 2012 को आयोजित दो दिवसीय प्रयोजनमूलक राजभाषा कार्यशाला में मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर की ओर से भाग लिया।

An Induction Program for newly recruited faculty was organized on **August 11, 2012** which included an interactive session with the Director. There were five sessions in the program in which the newly recruited 27 faculty members belonging to various



Director delivering Lecture to new faculty members at Induction Program



Prof. I.K. Bhat, Director, as Guest of Honour & Key Note Speaker at NIT, Surat



to lead students away from blindness or ignorance to bliss, wisdom and enlightenment. The Vote of Thanks was given by Prof. Ashok Sharma, Dean, Faculty Welfare.

❖ **Dr. Nupur Tandon**, Associate Professor, Humanities and Social Sciences, was invited as an expert to LNMIIT Jaipur on **July 25, 2012** to review the syllabus of English.

❖ The Institute organized an Orientation Programme for the new entrants to all Undergraduate and Postgraduate Programmes including Doctoral Programmes on **August 26, 2012** at 6.00 PM at Central Lawn.

Student Activities

❖ The Institute conducted an Awareness Program at the Design Centre on **August 6, 2012**, for increasing awareness about Summer Internship in Foreign Universities. All the students who have been to various universities in Germany, Switzerland, etc. shared their



Student Interaction during orientation session

experiences with the participants. Benefits and opportunities through such internships were discussed with the



Orientation Session for Foreign Internship

students at length through an interactive session of about two hours. More than 150 students attended the session.

Projects / Civil Works /Research Grant Received

❖ An MOU was signed between Deakin University, Australia and Metallurgical and Materials Engineering, MNIT Jaipur on July **27-07-2012**. Prof. U. Pandel (Head, MME) and Prof. Alok Ranjan (Dean, Administration) signed on behalf of MNIT Jaipur and Prof. Peter Hodgson (Director of Research) on behalf of Deakin University, Australia at New Delhi, India.

Deakin University, Australia and Metallurgical and Materials Engineering (MNIT Jaipur) wished to explore potential opportunities to establish collaboration. The scope of the MOU encompasses the following areas with a view to developing and carrying out collaborative activities of common interests: academic staff cooperation on collaborative research, lectures and conferences in areas of common interest; general academic collaboration including the exchange of educational resource materials and publications that are of mutual interest; assessment of units for advanced standing for academic programs offered at each institution; development and implementation of student exchange programs; and faculty and support staff exchange.

❖ An MOU was signed between Welspun Corporation and Malaviya National Institute of

Technology Jaipur on **August 3, 2012**. Prof. U. Pandel (Head, MME) and Prof. A. K. Bhargava (Chairman, DPGC)



Prof. Pandel & Prof. Hodgson exchanging the MOU along with Prof. Ranjan

signed on behalf of the Department of Metallurgical and Materials Engineering and Mr. Santosh Hegde (Senior VP, Q&A) and Mr.



Mr. Santosh Hegde & Prof. Pandel exchanging MOU in the presence of Prof. I.K. Bhat, Director

Sandip Grover (Senior VP, HR) on behalf of Welspun Corporation in the presence of Prof. I. K. Bhat, Director, MNIT Jaipur. The MoU was drawn up to explore potential opportunities for establishing collaboration with industries

in respect of meaningful education. Welspun has shown interest in participating in the Master's Program of the Department of Metallurgical and Materials Engineering, MNIT Jaipur, in order to make manpower ready for the industry. This will be an Industry-Institute collaborative research.

Vocational training of Post-graduate students of the Department of Metallurgical and Materials Engineering MNITJ and industrial plant visit by the students will be part of this activity.

Welspun will provide scholarship to two M.Tech. students of the department of Metallurgical and Materials Engineering and also shall contemplate joint research projects.



MNIT Marathon Beginning

alumni participated in the event with great enthusiasm and vigour. The marathon was flagged off by the Guest of Honour, Mr. Pratim Tamboli,



MNIT Marathon Girls Champion

Director, Fortis Hospital, Jaipur and Prof. I.K. Bhat, Director, MNIT Jaipur. The length of the marathon was 7 km for boys and 5 km for girls, faculty, staff and alumni. The 'Mini Marathon' started from the MNIT main gate and passed through Jawahar Lal Nehru Marg, Gandhi Circle, Gandhi Marg, Lal Kothi, Tonk Road, Tonk Phatak, Gandhi Nagar Railway Station, Vidhyashram School and ended at the MNIT main gate. A scintillating cultural programme was presented, after the Mini-marathon, by the students in which the alumni also participated with great zest. The joyous occasion of the closing function was graced by the

presence of Sh. Babulal Nagar, Minister of State for Dairy, Government of Rajasthan. In the end, awards and prizes were given to the winners in all categories by the Honourable Minister and distinguished members of the alumni.

Forthcoming Programmes

❖ In view of the Golden Jubilee year, various departments of the Institute have planned various activities in this quarter.

❖ **Department of Chemical Engg.** has planned to organize a two-day workshop on “**Process Modifications for Green Technology and Energy Integration**” from **September 28, 2012**, and a Short Term Course on “**Recent Advances in Pollution prevention technologies in Process industries**” from **October, 22-26, 2012**.

❖ **Department of Computer Science & Engineering** has planned to organize a Short-Term Course on “**Machine Intelligence**” from **September 10-14, 2012**,

❖ **Department of Electronics & Communication Engineering** has planned to organize a National Conference on “**Recent Developments in Wireless and Optical Technologies**”, from **October, 29-30, 2012**.

Other Information

❖ To mark the beginning of the Golden Jubilee year, a 'Mini-Marathon' was organized at MNIT Jaipur on Sunday **August 26, 2012** with the message of 'Go Green' to create awareness about conservation of the



MNIT Marathon Girls Participants

environment. About 1500 students, faculty, staff and

Glimpses of Golden Jubilee Inaugural Function 1st Sept., 2012



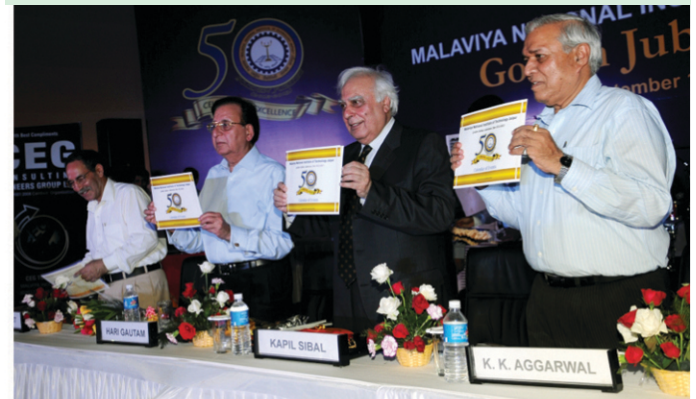
*"SHADES OF MNIT" Photo Exhibition
MREC to MNIT 50 Golden Years Photo Journey...*



*Chief Guest Hon'ble Shri Kapil Sibal
watching Model of the New Lecture Complex*



*Center of Excellence for Design inaugurated
by Hon'ble Chairman Prof. K.K. Aggarwal*



Release of G.J. Calenar



Felicitating Dr. B.D. Kalla, Former Chairman, MREC



*Mechanical & Electrical Labs inaugurated
by Hon'ble Chairman Prof. K.K. Aggarwal*



The Gathering

Glimpses of Golden Jubilee Inaugural Function 1st Sept., 2012



*Honouring Prof. R.S. Nirjar,
Former Principal of MREC*



*Felicitating Mrs. Advani, wife of
former Principal, MREC, Prof. R.M. Advani*



Kalbelia Dance by - GULABO



*Hon'ble Shri Kapil Sibal
(Minister of HRD & Communication and IT, Govt. of INDIA)
Chief Guest, Delivering his address*



Distinguished Guests



The August Gathering



Students' Band Performance

Photographs by - MAHESH SWAMI

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- Coordinator
- Dr. (Mrs.) Nupur Tandon
- Members
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- Dr. Kanupriya Sachdev
- Dr. Madhu Agarwal
- Sri Anshu Saxena

Note : The information published has been received from the respective departments / sections / faculty.