

Alumni Times

Inaugural Edition
(December, 2013)



(Alumni Magazine of Malaviya National Institute of Technology Jaipur)



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.

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**Malaviya National Institute of Technology
Jaipur**

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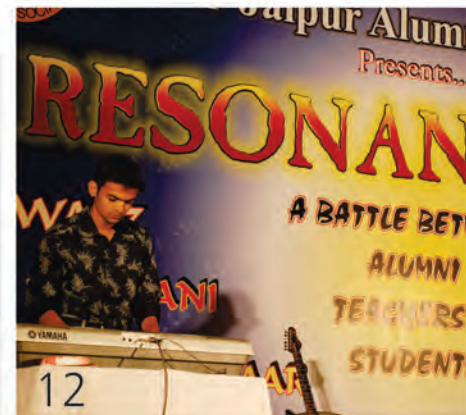
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Prof. K. K. Aggarwal

Chairman, BOP
MNIT Jaipur

Chairman, BOP

I am glad to know that the inaugural issue of “**AjuMNITimes**” is being launched on December 25, 2013, which is also being celebrated as “RECONNECT DAY” marking the Silver Jubilee of 1988 batch.

The alumni of any Institute are its brand ambassadors and represent its values and traditions. They also serve to inspire successive generations through excellence in their respective fields as well as through their contribution to the growth of their parent Institute. I do hope that the **AjuMNITimes** would go a long way in keeping a strong connect between the Institute and its alumni.

I wish the occasion great success.

A handwritten signature in blue ink, appearing to read 'K. K. Aggarwal', with a horizontal line underneath.

(Prof. K. K. Aggarwal)



Prof. I. K. Bhat

Director
MNIT Jaipur

It gives me great pleasure to know that the Alumni Association of the Institute is bringing out its magazine **AjuMNITimes**. For long, a disconnect was being felt between the Institute and the Alumni. This magazine will be of immense value in furthering the connection between the alumni and their Alma Mater. The alumni of this Institute have always been gracious and supportive and this is yet another forum through which we hope to stay in touch with each other.

The alumni of all reputed Institutes the world over, have contributed immensely to their development by lending their expertise and experience in relevant areas. I take this opportunity to express my hope that our alumni shall continue to extend their valuable support to this Institute in times to come.

This magazine is being launched on the day of the annual event which marks the Silver Jubilee reunion of the 1988 batch. I congratulate the ALCOM Coordinators on bringing out the inaugural issue of "**AjuMNITimes**" and wish this event all success.

(Prof. I. K. Bhat)

Director, MNIT



Dr. Dilip Sharma

Coordinator
Alumni Affairs
MNIT Jaipur

Coordinator, Alumni Affairs

We are grateful to Director Prof. I. K. Bhat, for motivating us to come out with this alumni magazine starting this year. It is planned that the same will be a biannual issue.

Prof. Bhat enlightened us with his goals behind this idea, which are to connect MNIT Jaipur Alumni globally for the betterment of the Institute as a whole including its brand building all over the world. This magazine will certainly be a great step towards connecting alumni globally.

To fruitfully achieve various goals including this bi-annual magazine and silver jubilee Reconnect day, a Alumni Committee (ALCOM) involving current MNIT students has been constituted. Lots of efforts have already gone into the planning and execution for this issue right from the time when Prof. Bhat gave us the green signal. Last year only, the Institute celebrated its Golden Jubilee year and it could not have been a more appropriate time to start an activity like this now.

I also want to avail this opportunity to put forth an idea that is constantly coming to me since the last few months. MNIT/ MREC as an Institute has done its bit, now it's time we all start giving back to our Alma Mater. I have given a deep thought for the same and I solicit the contribution of each and every one of us in one way or another. Some of the possible ways could be: to facilitate lectures of distinguished alumni as guests to gain from their vast experience and wisdom; to seek help from alumni globally for appropriate practical training / research in industry; to facilitate help from alumni for the Entrepreneurship Development Cell MNIT to encourage Entrepreneurship amongst current students by way of discussions, meetings, combined research, etc.; to develop a mentoring program through which distinguished alumni are requested to mentor at least one associate member; and to facilitate sponsorship from the alumni globally for projects at MNIT Jaipur.

I am thankful to the Director, Prof. I. K. Bhat, and Chairman, Prof. K. K. Aggarwal, for all the encouragement and support extended by them at all occasions for the publication of this magazine.

I wish the Institute and its alumni all the best!

Dilip Sharma

(Dr. Dilip Sharma)



Dr. Dharmendra Boolchandani

Faculty Convener
Alumni Magazine
MNIT Jaipur

Faculty Convener

Malaviya National Institute of Technology Jaipur, is one of the oldest and the most prestigious Engineering Institutes of the country and has grown from a Regional Engineering College to an Institute of National Importance. MNIT Jaipur has produced a myriad of technocrats, entrepreneurs, civil servants, academicians who have made a mark in their professional life.

However due to the lack of communication between the Institute and Alumni, this indomitable force remained untapped. The launch of "Aju MNITimes" is an attempt to connect the old birds to the nest that once nurtured them and made them strong enough to fly out and face the challenges of the real world. Under the various activities of Alumni Committee (ALCOM), the publication and distribution of this magazine is one such step towards bridging the gap between the Institute and the alumni.

As this is the inaugural issue of magazine, we have tried our best to present it in such a way that the alumni can know more about their Alma Mater and about the developments that have taken place in the Institute. Besides apprising our alumni about MNIT Jaipur, an alumni section has been included which has profiles of some distinguished alumni, MNITJAA and associated chapter news, and articles written by the alumni. The section entitled "Blast from the Past" is definitely going to take us all into another world of nostalgia.

The Editorial committee wishes to express sincere gratitude to Professor I. K. Bhat, Director, MNIT Jaipur, for the very existence of this magazine and for his motivation & support which helped the entire team in this endeavour.

Sincere thanks to Professor A. B. Gupta for his expertise & help rendered whenever needed, Professor K. R. Niazi for sharing the precious photographs & memories of the previous felicitation programmes, Dr. Nupur Tandon and Dr. Preeti Bhatt for giving their valuable suggestions whenever the editorial team approached them. Mr Mahesh Swami deserves a special mention for adding life to the magazine by contributing colourful photographs from his collection.

The publication of the magazine that you are holding in your hands has become possible due to the untiring efforts of the editorial team- Chirag Jain, Prakhar Bansal and Neha Garg who are pursuing B.Tech. programme from this Institute.

Any suggestions for improving the magazine further are welcome.

(Dr. Dharmendra Boolchandani)



VISION

To be recognized as the gateway that nurtures lifelong connections between Malaviya National Institute of Technology Jaipur and its alumni.

MISSION

To foster and enhance the relationship between Malaviya National Institute of Technology Jaipur and its alumni and also share details of mutual growth, achievements and advancements through meaningful programmes, benefits, services and communication.

Established in 1963 with just 30 students and a temporary campus at Pilani to becoming a full-fledged, well equipped Institute in the heart of the capital city Jaipur with more than 5000 students and extending into an area of over 317 acres, Malaviya National Institute of Technology (then Malaviya Regional Engineering College) has surpassed all the expectations.

Under the leadership of Prof. V. G. Garde, the first Principal, to the present Director Prof. I. K. Bhat, MNIT has done justice to its motto - योगः कर्मसु कौशलम् (Diligence Leads to Excellence) in letter and spirit. Over its entire journey, MNIT has produced great leaders in the field of technology, entrepreneurship, arts, public service, R&D, to name a few.

The absence of a sturdy platform in providing a healthy interaction between alumni, administrative and academic staff and students has however, always been a hindrance to the vision envisaged by our venerable founders.

Under the supervision of the Coordinator, Alumni Affairs, the Alumni Committee-ALCOM has been formed which aims to establish, maintain and strengthen a life-long, mutually beneficial relationship between the alumni and their Alma Mater.

ALCOM is a student body which is working under the guidance of faculty members and alumni to meet out the following goals-

1. **To develop MNIT Alumni web portal to connect MNIT Alumni globally.**
2. **To facilitate opening of new Chapters in India and abroad to enhance our reach.**
3. **To felicitate the Silver Jubilee batch (25 years of Passing Out).**
4. **To facilitate lectures of distinguished Alumni as guests to gain from their vast experience and wisdom.**

“None of us, including me, ever do great things. But we can all do small things, with great love, and together we can do something wonderful.”

Mother Teresa

5. **To design / develop / procure souvenirs and facilitate their selling through Alumni chapters and through web portal.**
6. **To start Alumni Magazine and to distribute it to the Alumni globally.**
7. **To assign a Unique ID to all passing out students and to give them an Alumni Photo ID Card duly numbered.**
8. **To facilitate sponsorship from Alumni globally for projects at MNIT Jaipur.**
9. **To seek help from Alumni globally for appropriate practical training / research in industry.**
10. **To develop a mentoring program in which distinguished Alumni are requested to mentor at least one associate member.**
11. **To develop a mechanism to recognize the Alumni for the Distinguished Alumni Award.**

The Alumni Committee requests each and every alumnus/alumna of MNIT Jaipur to kindly help us in updating the database by visiting the link mentioned below so as to make our Alumni Association one of the most sought after in the world.

[LINK-www.bit.ly/mnitjaipur](http://www.bit.ly/mnitjaipur)

Coordinator, Alumni Affairs

Coordinator Alumni Affairs is overall coordinator of various committees working under the convenership of the following committee conveners.

Along with overall coordination, he is also the convener of committee for initiating new alumni chapters.

Alumni Chapters around the globe will be helpful in maintaining a link with their Alma Mater. Through this, we want to help the alumni to maintain and develop contacts with other alumni, share ties with the past, participate in the ongoing progress and life of the Institute and continue a the life-long learning experience.

Student Coordinators - Pulkit M Singh, 3rd year, Chemical Engg.
Vijay Kumar, 2nd year, Metallurgical and Materials Engg.
Divya Sharma, 2nd year, Computer Engg.
Gaurav Bansal, 2nd year, Electrical Engg.



Dr. Dilip Sharma
Coordinator
Alumni Affairs



Dr. Sanjay Rajpal
Faculty Convener

Web Portal

We aim to develop a specially-designed web page on our Institute website which brings information about our alumni from diverse sources in a uniform way. The web portal will display news, e-mail, stock quotes, and information from databases and even entertainment content. We are using Alumni Management System Software for Alumni Community to keep them connected, keep our alumni and current students in loop through alumni website, increase interaction, knowledge sharing, and networking among the MNIT Alumni community.

Student Coordinators - Hemraj Bairwa, 3rd year, Information & Technology
Rahul Jain, 2nd year, Computer Engg.
Divya Surana, 2nd year, Metallurgical and Materials Engg.

Silver Jubilee Reconnect Day

Reconnect Day team of ALCOM is a team which brings together respected alumni who passed out from our Institute 25 years ago so that they can relive their college days and enjoy with their old friends and family members on the grounds of MNIT, where they have spent precious years of their youth. It is also a platform to bring together a large number of alumni at the Institute so that a relationship could be developed among them and the present students of MNIT.

Student Coordinators - Mukul Jain, 3rd year, Information technology
Rahul Bairwa, 3rd year, Metallurgical and Materials Engg.
Vijay Meena, 2nd year, Computer Engg.
Swarnim Bansal, 2nd year, Electrical Engg.



Dr. Lava Bhargava
Faculty Convener

Guest Lectures

Exchanging knowledge is a constant process unencumbered by age, language or distance. In accordance with our belief of persistent learning, our aim is to grasp the enriching experience and wisdom of our alumni by organizing interactive sessions with them. We acknowledge their hard work and determination which has enabled them to reach the zenith of glory and success and would like to be blessed with their guidance through guest lectures to be organized in the near future. Converting these ideas into reality, Guest Lectures by our distinguished alumni are definitely a supportive step in the right direction.

Student Coordinators - Ankit Garg, 3rd year, Mechanical Engg.
Apoorv Goyal, 2nd year, Electrical Engg.
Roopmati Meena, 2nd year, Electrical Engg.



Dr. Vijay Janyani
Faculty Convener



Prof. Ashok Sharma
Faculty Convener

Souvenir Shop

We aim to connect the honourable alumni with Institute via souvenirs. Souvenirs are special and significant to a person via self-extension and help them to tell a part of their life story. In order to revive the feeling of belongingness, we are forming MNIT souvenir shop. The alumni can easily access Mugs, Stationery, T-Shirts, Key chains, Tie, Coat-Pins, Pen Holders etc. which will be provided by the Souvenir Shop located in the Institute as well as available online.

Student Coordinators - Aniket Budania, 3rd year, Metallurgical and Materials Engg.
Mahesh Maratha, 3rd year, Chemical Engg.
Ashutosh Pareek, 2nd year, Mechanical Engg.
Archana Agrawal, 2nd year, Electronics and Communication Engg.



Dr. Kailash Singh
Faculty Convener

Alumni Magazine

The purpose of the Magazine is to provide a quality, centralized Institute magazine that integrates and disseminates points of pride to all alumni. It aims to inspire, promote, and facilitate alumni connection, participation and support of the Institute.

Student Coordinators - Chirag Jain, 3rd year, Mechanical Engg.
Prakhar Bansal, 2nd year, Civil Engg.
Neha Garg, 2nd year, Chemical Engg.



Dr. D. Boolchandani
Faculty Convener

Unique ID-Card

The purpose of this society is to develop a Unique Identification Card for our alumni. It will facilitate the alumni in participating and in attending various events of the Institute. For the session 2013-2014, our aim is to provide these cards to around 2000 alumni.

Student Coordinators - Dharamveer Meena, 3rd year, Mechanical Engg.
Shivam Yadav, 2nd year, Computer Engg.
Amar Kumar, 2nd year, Chemical Engg.



Dr. Dinesh Kumar
Faculty Convener



Prof. S. L. Soni
Faculty Convener

Sponsorship

Our society aims at raising funds, technical support and moral encouragement from our distinguished alumni so as to facilitate various infrastructural, institutional, technical and academic development of the Institute while at the same time strengthening the bond and relations between the alumni and their Alma Mater. It will help to organize and establish scholarship funds to help the needy and deserving students. It will also encourage the Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards enhancement of the social utility of their Alma Mater.

Student Coordinators - Prerit Tak, 3rd year, Chemical Engg.
Anshuman Tiwari, 2nd year, Civil Engg.
Saurabh Devnani, 2nd year, Mechanical Engg.
Nikhil Lohiya, 2nd year, Electrical Engg.



Dr. Gunjan Soni
Faculty Convener

Mentorship

Student Alumni Mentorship Programme has been created to foster the interaction between the students of MNIT and its alumni. The main objective of the program is to help the students identify and foresee the fields of work, to take their own career-related decisions and make them aware of the recent developments in the field of technology, requirements of the companies; and thus to prepare them to be industry/research ready. It will help the students to identify industry work profiles, research and high study opportunities across the globe and provide the students a platform to connect with the MNIT Jaipur Alumni community all over the globe.

Student Coordinators - Vijendra Jain, 3rd year, Mechanical Engg.
Saran Reddy, 2nd year, Metallurgical and Materials Engg.
Khush Kanwar, 2nd year, Computer Engg.

Mail ID: mentorship@mnit.ac.in

Visit : www.mnit.ac.in/new/alcom/mentorship

Register with us @



(QR Code)



Dr. Vineet Sahula
Faculty Convener

Internship / Research

The internship/training, research and development committee has been formed with a clear intention to enhance the practical engineering experience of the students of MNIT through industrial training, internships and research work opportunities at the premier organizations in India and abroad. It would certainly aid the students in gaining experience, developing skills, making connections, strengthening their resume, learning about a particular field and assessing their interest and abilities. MNIT is proud to have its network all over the world through the alumni who are pursuing careers in diverse fields.

We expect MNIT alumni to offer our students an access to a number of global summer internships. Whatever may be your organization's area of work, if you can define a distinct project that will allow an intern to get an insight into your company, doing real work that is of benefit to the organization, then we would love to hear from you. We would also like to draw your attention towards various innovative projects and research work going on in MNIT. The committee wishes to invite you/your organization to become a sponsorship partner. All the relevant details are available on the alumni web portal.

Student Coordinators - Vishal Singh, 3rd year, Electrical Engg.
Shubham Goyal, 3rd year, Electrical Engg.
Gaurav Verma, 2nd year, Metallurgical and Materials Engg.
Pintu Jain, 2nd year, Chemical Engg.

Alumni Award

The Distinguished Alumnus Award is a recognition of the alumni of MNIT that are well known and respected in their chosen field and have made significant contributions in academia, industry and other fields around the world. They will be awarded by the MNIT Alumni Association.

Alumni Awards

- Alumni Medal
- Alumni Service Medal
- Alumni Service Award
- Young Alumni Service Award
- Public Service Award
- Professional Achievement Award

Student Coordinators - Mukesh Kumar Yadav, 3rd year, Chemical Engg.
Manish Kumar Sheshma, 2nd year, Metallurgical and Materials Engg.
Prachir Sogani, 2nd year, Chemical Engg.



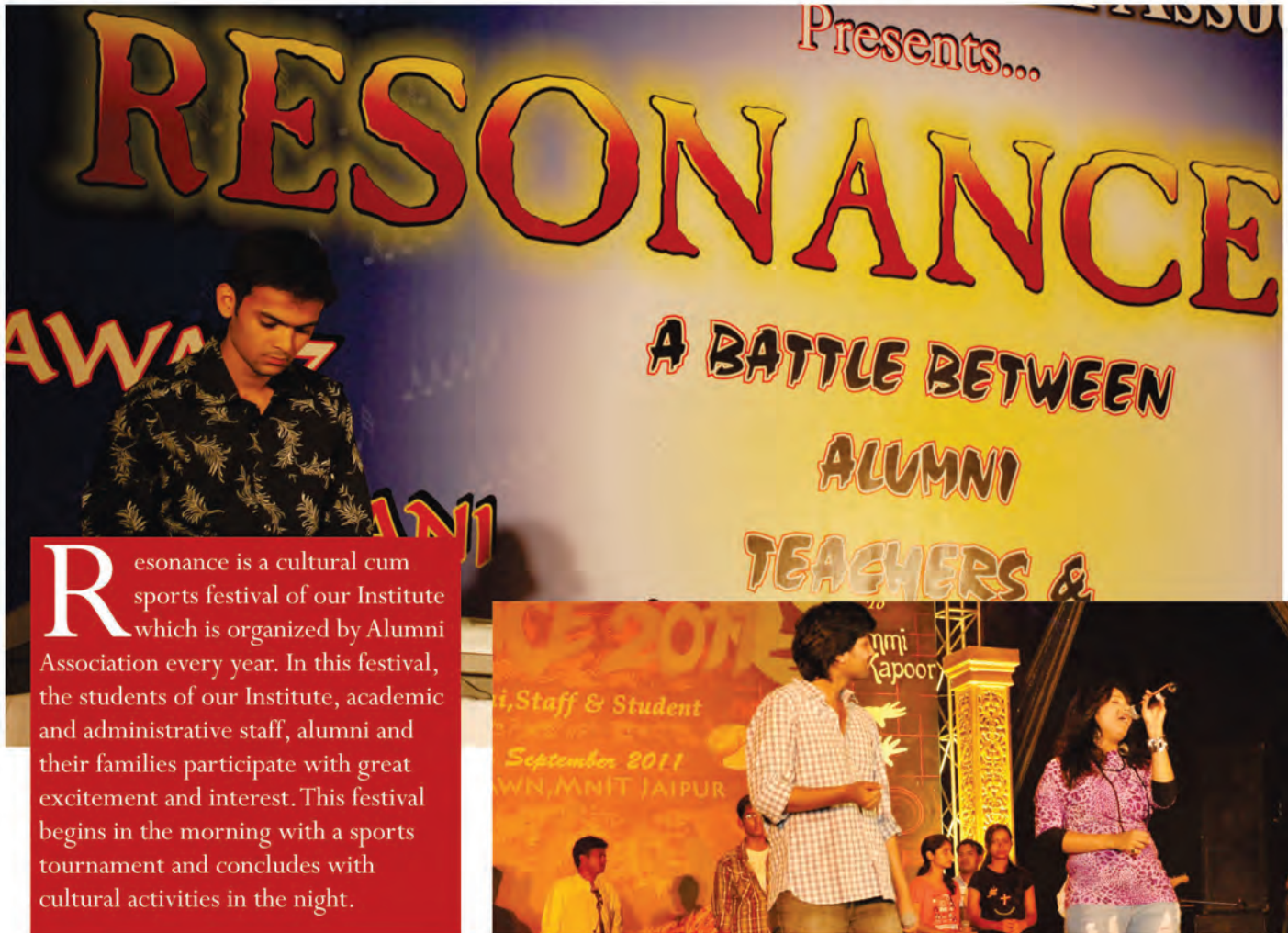
Dr. Harlal Singh Mali
Faculty Convener



Dr. Rakesh Jain
Faculty Convener

ORIENTATION LECTURE FOR FRESHERS

Every year, MNITJAA organizes an Orientation Lecture for the first year students apprising them about the activities and many initiatives planned by the association. The President and General Secretary of MNITJAA, share their valuable and treasured experiences. The lecture instills a feeling of belongingness among the freshers.



Presents...

RESONANCE

A BATTLE BETWEEN ALUMNI TEACHERS & STUDENTS

Resonance is a cultural cum sports festival of our Institute which is organized by Alumni Association every year. In this festival, the students of our Institute, academic and administrative staff, alumni and their families participate with great excitement and interest. This festival begins in the morning with a sports tournament and concludes with cultural activities in the night.



Er. Ashish Abrol
(1992 Batch)

Mr. Ashish Abrol is the Founder & CEO of bigindianwedding.com. This venture aims to simplify the wedding planning process by researching and mapping out the best possible vendors in each category. An Engineer and MBA, he started his career fifteen years ago in Mumbai as a banker with Deutsche Bank. Then in 2001, he moved to US and switched his career to technology sales. For the next 9 years he worked with technology majors such as IBM and CSC in New York in Client management. He is convinced that technology is the answer to democratization of services, products, wealth and knowledge.

Then, in 2010 he returned to India and started his bigindianwedding.com. He faced many hurdles in his journey from a Mumbai-based banker to now a successful first generation entrepreneur and a businessman.

According to him, it is more important to be in the right industry and tap into the right market opportunity.

Blood Donation Camp

Donating blood is an active way of helping others and the entire society. Carrying forward the legacy of MNIT, Alumni Association organizes a blood donation camp every year. Even the sultry weather of March is effete to hinder the active participation of teachers, staff, students and alumni.



Dandiya

Every year in the month of October, Dandiya celebration is organized by MNIT Jaipur Alumni Association in which students, administrative and academic staff, alumni and their family participate in traditional dresses. A five-day training workshop is also organized by MNITJAA for "DHOOM ELECTRIC DANDIYA".



Mega Deepotsav

Deepawali, the festival of lights, is one amongst the most awaited events for our alumni. And MNITJAA leaves no stone unturned in its celebration by organizing "DEEPAWALI SNEH MILAN".



Mega Mauj

In this demanding and hectic corporate world, a short retreat in form of a picnic or excursion is imperative and what could be a better time than the month of July. Every year MNITJAA organizes a picnic in which several games, Antakshari and dance events captivate the alumni and their families.



Mega Umang

March is the month of an exuberant festival, with dancing, singing, and colours and MNITJAA celebrates it with even greater fervour by organizing "HOLI SNEH MILAN ". This is the best time for our alumni to rekindle the memories of their good old college days.



KOLKATA CHAPTER

After passing out in 1980, Er. Raj Kumar Choubey, Er. Messors Satya Ghosh, Er. Achinta Ghosh, Er. Babulal Choudhary, Er. Pradip Gupta and 7-8 other Malviyans used to meet on regular basis in Great Eastern Hotel, Kolkata since 1982. In those days the number of Malviyans in Kolkata was limited to 10 to 12. As time passed, the number gradually started swelling. Now it has reached to around 100 plus. The figure fluctuates due to transfer of job to other cities. During the last one year significant progress has been made due to the efforts of Er. Sudhanshu Shekhar Bhardwaj.

Dr. Thomas Abraham, a 1970 Batch alumnus and founder and leading personality of GOPIO (Group of Peoples of Indian Origin), was honoured during his visit to Kolkata. On the occasion of Christmas-2011, a formal announcement was made for opening of Kolkata chapter during a grand family get-together at Kolkata. Membership enhancement drive was taken and the figure from mere 20 reached to 74. A new committee has been constituted as under:

1. Chapter Convener – Er. Raj Kumar Choubey
2. Chapter Patron – Er. Jagdish Vanjani
3. Chapter President – Er. V. K. Ameta
4. Chapter Secretary – Er. Basant Kumar
5. Chapter Joint Secretary – Er. Vikas Varshneya
6. Chapter Treasurer – Er. Anil Goel
7. Chapter Executive Member – Er. Sailen Sen gupta
8. Chapter Executive Member – Er. Ashutosh Mundra



The plan for the current year is to enhance membership of the Kolkata Chapter by including the alumni from surrounding areas of Kolkata like Durgapur, Asansol, Dhanbad, Kharagpur, Chittaranjan, Jamshedpur and Bokaro.

BANGALORE CHAPTER

The first get-together of MNITJAA BANGALORE CHAPTER for the year 2011 was held on the 22nd Jan., 2011 and the opportunity was utilized as a welcome event for the 2011 batch MNITians who have been placed in Bangalore.

The gathering was attended by 35 participants inclusive of about 20 from the 2010 batch. We were extremely overwhelmed by the positive response that was elicited, considering the law and order situation triggered on that day following a 'Bandh'.

Mr. Anil Jain welcomed the gathering that dwelt upon the goals of the chapter and its history and also its success of being the first of its kind outside Jaipur. Mr. Jayesh

Krishna expressed gratitude to the Executive Committee which had established this chapter a year ago and had carried it forward.

Prof. Ashok Raichur, IISC Bangalore offered his support to our alumni students on the academic front. He indicated that not many alumni from the metallurgy stream of MNIT are taking to research, when compared to the other NITs.

Mr. K. V. Akileswaran described the structure of our Executive Committee and appreciated the efforts of Mr. B. D. Jain, Mr. K. Srinivasan, Mr. G. K. Raju, Mr. Sukumar Daniel, Mr. Anil Jain, Mr. Naresh Sharma, Mr. Sunil Patil, Mr. Nitin Kunaland, Mrs. Silky Kedawat Jain who have been our pillars during 2010, under the patronage of Prof. A. V. Ramanujan.

In line with teleconference held by Executive Committee on 19th December, 2010, Mr. Akileswaran also announced the basic structure of the new team for 2011.

Regional President: Er. Akileswaran
Regional General secretary: Er. Jayesh Krishna
Regional Treasurer: Er. Sunil Patil
Regional Joint Treasurer: Er. Silky Kedawat Jain
Regional Special Adviser: Er. Anil Jain
Er. Naresh Sharma
Regional EC member: Er. Dharmveer Hingonia

ALWAR CHAPTER

Initially the chapter started with only 15 members in 2003 and now the number of members have gone up to around 100. The chapter arranges monthly meetings of members and celebrates four family get-togethers on New Year, Holi Milan, Diwali Milan and Picnic.

Games are played by family members and cultural programmes are also organized on every function. Farewell parties are also given to the members transferred from Alwar. The chapter contributes a lot for tree plantation programme. Every year plantation is done by Malaviyans. Till date about 1500 plants have been planted at main roads & parks of Alwar. The chapter is also contributing towards society and has donated funds to TSUNAMI and other natural calamities in the country.

Alwar chapter has adopted one CIRCLE of the Alwar city which will be known as MNITJAA circle. It will be maintained by Alwar chapter.

Family programmes organized in this year are-

- 1) New Year Meet celebrated in Hotel Nirwana Palace exchanging wishes for new year where families enjoyed games, jokes, songs with delicious food .
- 2) A Plantation programme was conducted in the rainy



He also requested and welcomed the active participation of the other alumni and requested to provide their names for being Co-opted in the next Executive Committee meet.

A vote of thanks was proposed by Mr. Sunil Patil thanking all participants especially the 2010 batch passed outs for their support and Mr. Jayesh Krishna for arranging the venue and Mrs. Silky Kedawat Jain for keeping everyone concerned connected on the net. The programme concluded with dinner.

season at R.R. College ground. 100 plants were added in the continuous plantation programme of every year. The whole plantation & its maintenance every year is arranged by Er. Vikas.

- 3) Dipawali Milan was celebrated with lights & candles at the lush green lawn of Hotel Swaroop Vilas. All the members enjoyed the mesmerizing performances by kids & ladies followed by a candle light dinner.
- 4) Holi Milan Samaroh @the floor of Indralok Classic Hotel was full of vibrant colors. The event folded up with a dancing & a musical cultural night.

The main efforts/ contribution in forming and continuing the chapter are of Er. Shreekant Gupta, Er. D. K. Tiwari, Er. Vikas Gupta, Er. Arun Mehta, Er. K. D. Gupta, Er. T. C. Viswakarma, Er. V. P. Yadav and Er. B. L. Agarwal.

The present committee includes-

- 1) President – Er. T. C. Vishwakarma.
- 2) General Secretary – Er. Shreekant Gupta.
- 3) Vice President – Er. D. K. Tiwari & ER. Arun Mehta
- 4) Treasurer – Er. Vikas Gupta.
- 5) Joint Secretary – Er. Vijaypal Yadav & Er. Rajeev Madan
- 6) Cultural Secretary – Er. Hemant Sharma.



KOTA CHAPTER

The Kota Chapter of MNIT (formerly MREC) Jaipur Alumni Association which was established about 30 years ago now has more than 125 registered members. The members regularly meet and get together are organised quarterly along with sports & cultural activities for children and family members. The Election of the Executive Committee is also carried out on regular basis.

The Kota Chapter became more live and active with motivation & encouragement by Er. A. K. Purohit, Chief Engineer of Kota super Thermal Power Station. For the year 2011-12, the following office bearers were elected unanimously in the general body meeting presided over by Er. A.K. Purohit.

Regional President : Er. R. L. Laddha

Regional Vice President: Er. S. S. Meena

Regional Secretary : Er. R. S. Mittal

Regional Joint secretary : Er. P. S. Rathore

Regional Treasurer : Er. C. P. Gupta

Regional Executive member: Er. S. K. Variyani, Er. P. C. Jain, Er. Prasanna Maheshwari Er. Pradeep Ajmera, Er. Gaurav Khandelwal Er. Rajeev Lohomier, Shikha Agrawal

The following activities were organised by the Kota regional Chapter in the year of 2011-12:

Holi Milan, Cricket match between alumni of MREC Jaipur and Jodhpur Engineering College, picnic and Diwali Milan Samaroh. A technical seminar on "Safe Transaction via Net" was also conducted in association with Kota chapter of Institution of Engineers (INDIA). Er. C.P. Gupta delivered the key-note address.

The association remains in constant touch with its parent association MNITJAA (central body) and many of the members' of the Kota chapter are the registered life members of MNITJAA. The Kota chapter of MNITJAA is also planning to publish its souvenir 'Malavika' in the near future.

The Alumni form a special stakeholder for an Institute as their only interest is to see the Institute flourish and grow in stature - the more the Institute grows in stature the better it is for the alumni. Capitalising on this precept, Prof. I. K. Bhat Sir, Director, MNIT Jaipur took an initiative in this direction by organizing an interactive session with the alumni on their role in Institution building. He specifically asked interested alumni to help the students of their Alma Mater by not only providing them scholarships but also training and mentorship.

An interactive session between the Director and Alumni

(Role of Alumni in Institution building)



Silver Jubilee Felicitation Function (1987 Batch)



Every year MNIT Jaipur waits in patience for the homecoming of its alumni each of whom have their own experiences to share about how meaningful and valuable their education has been, how their Alma Mater proved indispensable for their enviable achievements.

During the cold holiday time of December, when many of us love to saunter, Malaviyans of 1987 batch were filled with enthusiasm and uncontrollable energy. And why not!! After all they were going to meet the same friends with whom they always had an argument on any non-contentious issue, with whom they had burnt the midnight oil. When the day finally came, i.e. 24th December 2012, it was a great feeling to see the confluence of the past with the present, to see the moist eyes, the warm hugs; truly, it was a flurry of emotions unleashed.

It takes an entire year's preparation for the reunion party to be successful. Starting from collecting the information, to receiving funds, generating I-D cards, booking hotels and then arranging transport

facilities, from lofty tasks to small details, in the end everything matters.

And it was the determination and hard work of 1987 batch coordinators, that the reunion celebrations became one of the most memorable and preserved memories of everyone who was present there. Few days before the D-Day (i.e. 24th Dec.), there was a peculiar feeling overpowering everyone.

Alas, that cannot be described but only be felt.

Albeit, a few posts on facebook by the 1987 batch, can give us a slight idea about how they were feeling.

-Anurag Kumar..... 11 Dec., my family is very excited, just 12 days to go, can't wait, organizing committee, please speed up the count down.....

-Joseph Devis..... 17 Dec., less than a week to go..... 24 Dec., arrived at Jaipur

-Shaji Jack..... 21 Dec., 7:30 am, started from Kerala..... 23 Dec., 4:56 pm, near Bharatpur, entered Rajasthan, remembering the day in Sept. 1983 & the 1st journey from Kerala via Agra to Jaipur with my father with lots of dreams to join MREC..... 24 Dec., 10:43, just crossed the college gate.....

-Ranjan Maheshwari... 22 Dec., getting ready, I never planned so carefully for



'87 BATCH REUNION

travel in my life....

-Gurinder Dua...24 Dec., though I am not with you... I am seeing the posts..

Reading these posts, it would not be wrong to construe that for a batch, a reunion is as important as its convocation.

HOW THE EVENT UNFOLDED

Two batches graduated in 1987(1982-1987 and 1983-1987) which made the reunion party all the more special.

The 1982-1987 batch met in the Jaipur Marriott Hotel where they were received by MNIT volunteers. The coordinators of the five year batch organized many programmes which were thoroughly enjoyed by the alumni and their families.

On the chilly morning of 24th December, the 1983-1987 batch gathered in the lobby of Hotel Clarks Amer and were formally received by MNIT volunteers.

Top businessmen, senior civil servants, chief engineers, CEOs....everybody met their batchmates in the same old manner. It was a unique experience for their families, indeed!!

After a little chit-chat, everybody boarded the buses and travelled all the way from Hotel Clarks Amer to Nahargarh Fort. In between they all captured a glimpse of their Alma Mater. Though just for 15 seconds but that was enough for nostalgia to take control.

At Nahargarh Fort, everyone enjoyed the mesmerising cultural performances and delectable Rajasthani cuisine organized by RTDC.

From Nahargarh Fort,



everyone dispersed according to the wishes of their families. Jaigarh Fort, Amer Fort, Bapu Bazar, Johari Bazar....after hearing about them for more than two decades, this time children were adamant to see it with their own eyes.

After roaming around the large city brim-full of attractions, everyone returned to their rooms in Hotel Clarks Amer, unaware of the impending mischief planned by the organizers.

Sitting in the garden of the first five star hotel of Jaipur, well dressed-up and chatting(YES!!...still with the same laughter and excitement), no-one had an idea of what was awaiting them.

And then came the performances by 30 professional artists revealing the past secrets of our alumni.

The sharing of old memories (or well kept secrets) brought embarrassing smiles to our beloved alumni and giggles to their families. It was déjà vu

all over again.

The 1982-1987 batch planned their reunion party, for the penultimate day, quite differently. Choosing Hotel Marriott Jaipur as their starting point, they enjoyed the sophistication of this five star hotel while they first met their batch mates after a gap of 25 years.

In the hotel lobby, everyone embraced each other with tears in their eyes. The tempestuous feeling even brought tears in the eyes of their families. It was really hard to get rid of the goose bumps.

Having the whole afternoon with themselves, the alumni had a lot of time to laugh, remember their old times and disturb the hotel staff!!

In the evening, coordinators of the five year batch planned a royal feast at City Palace. The programme at the City Palace started with a traditional welcome of each and every alumnus. Adding to the Rajasthani touch, everyone was spell bound by the



traditional folk dance by professional artists.

At the end of the terrific day, the alumni danced with their batch-mates in the same old style.



25th DECEMBER-A TRIP TO THE ALMA MATER

Finally!! The most awaited day arrived. They were going to see their Alma Mater after a gap of 25 years. The alumni of both the batches assembled at the ADM building where they were received by Prof. I. K. Bhat, Director, MNIT Jaipur, Senior faculty and Staff.

The official welcome was held at Central Lawn with Addresses from Director, MNITJAA dignitaries,



Batch-Coordiators and Chief Guest Prof. Raisinghani (Former Director, MNIT Jaipur) followed by riveting performances by the students.

And then it was the time to relive their dreams by walking on the same lanes with their families. They visited every nook and corner of the Institute. Some of the places were amongst their favorite haunts while some of the new structures spoke of the huge strides the campus has taken since they left. All and all one thing was pretty true that they still loved their Institute very much and there was no need to show them directions at all.

The official visit to their Alma Mater ended with a sumptuous lunch.

Their memorable day ended in the beautiful gardens of Sisodia Ram Bagh where yes, there was more laughter and excitement.

The visit finally came to an end but this was the beginning of a much stronger bond that would make the Institute an even greater cohesive unit to reckon with. As the alumni left with heavy heart they vowed to keep in touch and find means of bringing greater pride to the Institute and its cause. No doubt this visit of theirs has left an unforgettable imprint in the Institute's mind and the Institute dearly awaits for the silver jubilee of the next batch.

*Reference-Back to the Origin
(Er. Pankaj Totla)*



Er. A. K. Chhatwani (1968 Batch)

Born on February 16, 1946, Mr. A. K. Chhatwani retired as a member of Corporate Management Committee (Executive Board) of Larsen and Toubro Limited after working with the company for 42 years. Presently he is a Chairman of a Cement Company and Member of the Advisory Board of a multinational company.

One of our oldest alumnus, Mr. A. K. Chhatwani is a gold medallist in Mechanical Engineering, 1968 batch.

After graduating from MNIT, Rajasthan University, he was accredited with Management and Senior Management from IIM Ahmedabad.

In 42 years of his career, Mr. Chhatwani had Divisional responsibilities leading to his phenomenal success in business. He also provided direction to 13 companies as Chairman/Director to create new set of businesses.

Mr. A. K. Chhatwani is an inspiration to not just the students of MNIT Jaipur but to everyone. And ALUMNITIMES is honoured to talk to him on phone and publish his interview.

How did your education at MNIT Jaipur education prepare you for the successful role you have played in your professional life?

To be frank I think any educational Institution provides a frame work of structured thinking and analytical tools . This promotes rational thinking and instills confidence to solve problems. This MNIT Jaipur did abundantly and I am grateful. Any educational Institution thus provides the foundation. It is upto the student to build the structure of his career on it through hardworking, achievement, motivation, competitiveness and a desire to achieve excellence.



(Mr. A.K. Chhatwani at extreme right)

How was a typical day for you like?

Physically ,I used to work for around 12 hours a day...leaving home by 7:45 am and returning after 8:00 pm. More or less, it was my daily schedule during the 42 years of my career. Mentally one is devoted to issues 24 hours a day. There is no substitute for hard work.

How did you feel when you were awarded the Distinguished Alumnus Award?

Felt great...It creates a nostalgia even though many years have passed . Nice to know that the Institute values you and acknowledges its appreciation of achievements.

You were the member of the Board of Governors of MNIT Jaipur. What unique opportunities did it provide you since you are also an alumnus of the Institute?

It provided me with an opportunity to resolve administrative dead locks, help modernize the Institute and support the cause of teachers. These are three major

"It is a great initiative by the Institute to conduct Guest Lectures by distinguished alumni. I am sure lot of people will participate."

areas where I focussed during Board deliberations. During my college life, I realized that teachers were not paid adequately. The situation is now much better although there is still a long way to go. Academic institutions should be able to attract best talent. This will promote research and innovation, a crying need of our nation.

Please share your views about the alumni-Institute interaction and how you think it can be improved:

It is in a very poor state right now. There is no communication. It can be improved if the Institute and students work towards recording positive virtues of each student and relevant events (photographs, articles, extra curricular activities, academic achievements etc.). These should be compiled for each of the years a batch and kept in the library as an album of that batch. It's difficult to do so for past batches but a beginning can be made with the current batches.

Other suggestions where the alumni can contribute in bringing about a change:

Human interaction is one of the most important things in professional life and students coming from some schools are better equipped for public speaking, winning people, whereas the focus on these skills is the least in engineering Institutes.

Alumni should take special interest in conducting workshops and seminars to improve the soft skills of the students.

The Senate must change the curriculum to lay more stress on these skills. After all personality development is as important as sports activities.

In actual life these skills override the analytical ones.

How was your college life like? Any nostalgic moment that you want to share?

Ours was a 5-year course. At the end of the 3rd,4th and 5th year, we used to go for industry visits. The various hindrances which one solves together when you are travelling by trains, the comradeship and team spirit it develops and the fun together remains a great reminder of youthful days. It provides an opportunity for faculty and students to get closer.

The NCC camps similarly are a good reminder of such togetherness.

A word of advice that you want to give to the students as well as to the young alumnus/alumna of your Alma Mater.

Have faith and love yourself. God has given you everything. Have confidence. Be yourself all the time in your life.

Er. Atul Kumar Sharma

(1988 Batch)



Mr. Atul Kumar Sharma is currently the Vice President Human Resources at Monsanto with the responsibility of Europe, Middle East, Africa, Asia Pacific, India and China.

Previous to that he has

held the following portfolio :

- **Director** – Human Resources for Monsanto Holdings Private Limited. Heading the India Region.
- **Vice President** Human Capital Management (HCM) function for Goldman Sachs- a leading investment bank.
- **Director**, Human Resources India Prudential
- **Assistant Vice President** – GE Capital
- Unilever India responsible for Training, Recruitment and Industrial Relations area.

In 1988, Mr. Atul graduated in Mechanical Engineering from MNIT Jaipur. After teaching at MNIT briefly and working in industry, he did his Masters from Tata Institute of Social Sciences in Management. He was awarded a Gold Medal.

Here is a brief interview of Mr. Atul Kumar Sharma

How did your education at MNIT Jaipur prepare you for the successful role you have played in your professional life?

We all need a strong foundation in our education and value system. MNIT Jaipur provided me the strong platform to build that. It provided me the company of friends, teachers and colleagues who set me up on the path of building a meaningful life.

I am ever grateful to MNIT Jaipur and friends and faculty.

How is a typical day for you like?

Day is normally packed with work and time with family. I also daily connect with my teams and colleagues around the world on any given day. It is exciting!

Your views about the alumni-Institute interaction and how you think it can be improved :

It has not been the most ideal. With technology and social media as facilitators it should now become easy. However the more important thing is to establish the

purpose and then plan the strategy for this interaction .

Well intended but ad hoc efforts start with the right energy but fizzle out soon. Also there should be dedicated colleagues and students driving this.

Other suggestions where the alumni can contribute in bringing about a change :

The alumni should take special interest in conducting interactive workshops and seminars to improve leadership skills and also provide a broader of perspective of the various walks of life.

Any nostalgic moment of your college life that you want to share?

Organizing Advani Basketball tournament with friends was the most nostalgic one.

A word of advice that you want to give to the students as well as to the young alumnus/alumna of your Alma Mater :

Be humble and hungry for personal growth. Contribute to the success of others.



Er. Vasant Jajoo

(1988 Batch)

What is your current job profile?

I'm working as a 'Yoga Therapist' at 'Holistic Health & Wellness Centre' at Bangalore. This is an organization started by me & my wife and we primarily conduct yoga therapy classes for all segments of people. We work with various communities, NGOs, schools and colleges who feel the need for such interventions to live in today's complex world. We also conduct various kinds of workshops on 'Health & Wellness' related topics. We strongly believe that the "outer" socio/economic/environmental crisis is nothing but a manifestation/reflection of our "inner" crisis.



Achievements that you are proud of?

- Received one of the best education – Bachelors from MNIT Jaipur and Masters from IIT-Kharagpur.
- Worked in the corporate sector for 17 years in India, US & Australia in the field of satellite & cellular communication.
- Lastly, I had worked as 'Operations Manager' at Freescale Semiconductor (off shoot of Motorola Inc) leading a team of 75 engineers spread across India, US & France to work on tools development & validation of 3G platforms.
- In Jan 2008, I decided to exit from corporate world/career to explore on "meta" questions on "life" & "sustainable living". Since then, I have been working in social sector on broad range of topics starting from alternative education, ecology, consumerism & health. I'm primarily involved in conducting various awareness campaigns on these topics. I have been volunteering my time with several NGOs, schools & charitable trusts. Both me & my wife "manage" to make our living by conducting yoga therapy classes and from our savings.

How you cleared impediments?

- That's a very difficult question to respond. I must say that I continued to follow the calling from my 'inner voice' and have made my life choices accordingly.

There are several books & people that have inspired me to look "within". Thanks to all these people and organizations who have inspired me to develop myself as an individual without getting bogged down with the main-stream consumerist world view.

College experiences you savour the most :

- My experience at MNIT Jaipur gave me an excellent opportunity to understand people coming from diverse backgrounds & cultures. That was an excellent seed that I received which allowed me to navigate through the complex diverse world. In the process of understanding the "outside" world, it is also helping me to understand my "inner" world (aka my own conditioning, biases, prejudices, likes/dislikes et al.)

Most nostalgic event of your college life :

- Nude crawling on the basketball court as a part of ragging.
- Much before the IT / Liberalisation policies, I was among the first few to secure a job through campus way back in 1988.

A word of advice to the students of your Alma Mater :

Follow the calling of your 'heart' to make your career choices. Do not get bogged down by the dominant materialistic world-view of 'growth', 'development' & 'success'. Have a strong conviction in yourself and be bold enough to carve out your own life based on your 'inner calling'.

THROUGH MY WINDOW

Your suggestions to improve alumni-Institute interaction :

- Expose students to diverse inter-disciplinary careers.
- Invite your alumni who have chosen diverse career's and not just those that are considered 'successful' from a main-stream capitalistic/materialistic world-view.

How can you contribute towards building a robust alumni-Institute relationship?

I can personally give my time to conduct workshops for staff/students on topics like 'Philosophy of science', 'Ecological awareness', 'Alternative perspectives towards life & living', 'Health & Wellness', 'Value Education', 'Stress Management', 'Therapeutic aspects of Yoga', 'Yoga classes' etc.

Contribution to your Alma Mater :

I can help the Institute to get connected to various NGOs



& Social organization so as to facilitate an enquiry towards a more 'Holistic educational approach'.

Er. SANDEEP JAIN

(1995 batch)

What is your current job profile?

- Currently, I am working as Managing Director & Co-founder at InTimeTec, having my primary focus at InTimeTec to enable employees' growth, leading financial and legal matters, developing infrastructure to support current and future growth, growing the business and ensuring profitability to stakeholders while contributing to the community. We started InTimeTec in 2009. In InTimeTec, we are working on outsourcing IT projects. We have offices in Boise, USA, Bangalore & Jaipur.
- Simultaneously I am working as Director of operations at Jetmobile India leading finance and operations. Jetmobile India is involved in sales of secure printing products and we are the sole distributor for Jetmobile products in India.
- In area of real estate, I am founder Director of Glowin Ideas Pvt. Ltd. and we are currently building a multi storey housing project at Bikaner.
- Before these current ventures, I founded businesses in the areas of restaurants and hospitality, travel and



real-estate successfully. I founded the Restaurant in 1996 just after passing out from the Institute with one partner in Bikaner and is running excellently for the past 17 years. Then I ventured into real estate in 2000 after few hiccups in couple of businesses and moved to Jaipur in 2005, leading real estate ventures both in Jaipur & Bikaner. Our vision in real estate has been to contribute to the community by providing low cost housing for the middle class families in and around Rajasthan and we are working on few ideas to

work for that.

- My passion has been in building organizations by removing hurdles from everyone's path and make the organizations successful based on effective value system. I believe that in order for any organization to be successful, it must be nimble and learn quickly. I also believe that a long-term sustainable organization can only be built on integrity, flexibility, quality, trust, and on time delivery to its partners and customers.

Achievements that you are proud of?

- Being a successful entrepreneur was always my dream. I think, we started on right journey now. Currently I have been able to start few successful ventures providing employment to around 200 people. It is all the result of team work and looking to work with people with same value system and work ethics.
- I would say that my biggest achievement lies in making teams which resulted in all these ventures. Though I would say that this is just a start but being a successful entrepreneur is an achievement that I always aspired for. There are a lot of things yet to be achieved and contribute back to society and I believe that we are on the right path.

How you cleared the impediments?

- There have been many challenging moments. A couple of business ventures initially failed completely and it was very challenging time for me. Being in action was the only way through which we were able to clear those tough times. I was always positive and kept working on new ventures and kept learning from the mistakes I committed and it helped a lot.
- For personal growth, the biggest help was working with like-minded people. We need to see our impediments and keep working on them on a consistent basis to overcome them. It is possible only when we have working environment based on trust, transparency and integrity and we are working with like-minded people who can challenge us at right time to look into our impediments in a positive way



and this has really helped me in overcoming the obstacles.

- So, overall being in action and keeping the right company are the two biggest strengths that helped me in clearing the impediments.

College experiences that you savour the most :

- Definitely, my college experience was as memorable as it is thought of. We used to play cricket in hostels, watch movies and spend time with friends. It was the best time that I ever spent in my life. Whether it was going to Sindhi camp at 3 am to eat something or having arguments and altercations in hostels, it is all in our sweet memories now. There was lot of innocence and carelessness in behavior and I respect our faculty a lot for bearing with us and guiding us all the time.

“
Always be in action. There will be hundreds of mistakes you will commit in your life. People will say lot of things. Don't pay attention to those, just focus and keep doing, what you think is right at the moment.”

Word of advice to the students of your Alma Mater :

The few points I would like to tell the students:

- Don't waste time. It looks like yet another same line that you have heard a lot from parents, faculties and senior people. I would say that before ignoring any assignment or studies, think about the consequences of that.
- Make the right teams. Things become so easy when worked in a team. Everything becomes fun when you are working with like-minded people. I am saying this from my own experience.
- Keep reading different kind of books. Books are our best companions. It is always easy to learn from others' mistakes than from our own.

Suggestions to improve alumni-Institute interaction :

Having yearly get-together in the Institute will be good. In those get-togethers, we can focus on real experiences of the alumni that will benefit students a lot.

A WALK DOWN THE MEMORY LANE

Tanu Pittie, the gold medallist of Civil Engineering, 2013 batch, tells us about her unwavering perseverance and how she can contribute towards building a robust Alumni-Institute interaction.

It has already been half a year since I last stepped foot on those hallowed grounds; where the fresh air filled your nostrils and head with all the different possibilities of the long day ahead-Long yet one most looked forward to. But these last six months have served as those reinforcing reminders of whatever I learnt in those four walls and I have actually grown closer to my Institute.

When I look back at those eventful (correction- super adventurous!!) four years all those wonderful memories come flooding down the ramparts of my brain. Some very interesting inspirational talks delivered by our professors, some wonderful learnings from friends' experiences and how can one forget the 'Be Unique' speech of great Dr. A.P.J. Abdul Kalam-all these always kept the fire of excellence burning inside me. A very wise professor once told me that we always tend to underestimate our abilities. Hence we should always push ourselves a little more than we think we can. It is that extra push that has made me what I am today. And I am still pushing...

Currently my job allows me to do what I do best- Learn and experiment. My designation of a project engineer in one of the leading oil companies in India- Hindustan Petroleum Corporation Ltd. puts me in challenging situations every day

that at the end of the day give me visual pleasure when I can see my work taking shape on site. Being an alumna of one of the most prestigious Institutes of this country whose thick stone walls bear witness to the dawn of a new technically sound society and whose corridors were once walked by (and are still treaded by many young and bright minds) some of the greatest names in the history of modern society is an achievement in itself. And being the lucky recipient of a gold medal just adds to this feeling. Personally winning the medal was just a small climax to the glorious path of learning that we walked on for four years. More than anything I will always cherish the lessons I learnt about life-the real world out; the changes that came in me as an individual as a result of the immensely talented pool surrounding me and my numerous outings beyond the field of academics like writing, compering, organizing, leading etc. It is these additional activities that shaped me into a wholesome individual who can imbibe and implement any new piece of knowledge thrown at her. And for this I could never have found a place better than MNIT Jaipur with its whole plethora of talent and opportunities. As an alumna I would like to give back more than what I earned from here. I think at this point

the best that I can do is guide and help many more young minds like me currently standing where I was a year and a half ago. Besides this I would always love to strengthen my bond with the centre point of my education by participating in and even initiating various interactions between the glorious alumni and budding scientists and engineers. One thing must always be remembered that by building a strong bridge between the old and the new; both the sides can reach out to new levels of excellence with each other's help. While the new comers can gain from the vast experience and wide network of alumni, the alumni can find new zest and zeal in the unique ideas inside these fresh minds. But for this initiation must be taken from both sides to re-establish all the broken links and solidify the weak ones. An alumni directory or an alumni magazine such as this is indeed a good start.

In the end I would just like to reiterate the words that have guided me all my life in my drive to excellence - "Always Aim for the moon; if you fail you will still land among the stars." And all my fellow MNITians are always welcome to contact me for any help they need. That's the least bit I could do for my dear Institute.



Er. VISHWAS JAIN

(1986 Batch)



Vishwas Jain is a first generation entrepreneur and renowned infrastructure expert in India. He completed his graduation in Civil Engineering from MNIT Jaipur in the year 1983 and then pursued AMIE, Architecture from Institution of Engineers, India in 1986. A self-made personality: he willingly opted to work as an entrepreneur from day one after his graduation. He is the founder and CMD of Consulting Engineers Group Ltd. (CEG), a multinational organization working in India, Australia, UK, Uganda, Ghana, Bangladesh etc.

CEG is known to be among top Indian consulting companies working globally and providing consultancy services for major infrastructure projects; including roads, bridge, urban transport, railway and environment. Apart from his technical expertise in the infrastructure field, he is providing leadership to more than 700 engineering professionals working in his company in over 20 offices across the world. He has been associated with various mega infrastructure projects in the country and

abroad.

He is on board as Director, Rajasthan Financial Corporation. He is also group Chairman of other companies including CEG Test House and Research Center Pvt. Ltd. (CEGTH), CEG Technoconsult Pvt. Ltd. and Veenu Developers Pvt. Ltd. CEGTH provides testing services for construction materials, geo-technical, environmental, water and food. He has established the first of such state of art laboratory in the state of Rajasthan. Along with his professional career, he is equally associated with social work and runs a charity hospital with the assistance from his group companies in the name Jinkushal Charitable Hospital since 2001, where more than 10,000 needy patients are getting complete free treatment every year including medicines and consultation.

He is the recipient of Award for Excellence in Consultancy Sector in 2007 from Ministry of Science and Technology, Govt. of India and Energy Conservation Award from Govt. of Rajasthan for his successful efforts to make a green building office in Jaipur. Coming from a small town and starting his own setup with limited resources, today he has become a brand image in the infrastructure industry at an international level.

He has maintained close links with his Alma Mater and lived in MNIT campus for more than 12 years as his wife Dr. Renu Jain was faculty with the Department of Civil Engineering, till 2007. He is blessed with two daughters who are also Civil Engineering Graduates from UK and actively participating in managing the family business along with their parents.

Believing in the lines "Individually we contribute, together we make difference", the Editorial Team welcomes your comments, questions or suggestions. Be a part of our endeavour and connect with us either through alumniassociation@mnit.ac.in or www.facebook.com/alcom.mnit



Dr. SHEKHAR BHANSALI

(1987 Batch)



Shekhar Bhansali is the Professor of Electrical Engineering at the University of South Florida and recently has been appointed as the Alcatel-Lucent Professor and the Chair of the Department of Electrical and Computer Engineering.

Profile of Dr. Shekhar Bhansali as published in the newsletter of The Florida International University. (Excerpts)

Shekhar Bhansali's life has taken him around the world. From his native India to Australia to Japan and finally the United States. Never one to follow the crowd, Bhansali instead chose a path that would test his ingenuity, show him new ways of approaching problems, and teach him lessons about working with people.

"I'm a messed-up engineer," says Bhansali, now the Alcatel-Lucent Professor and chair of the Electrical and Computer Engineering Department at FIU. "My life is not something that's been planned."

Today, Bhansali is known as a prolific researcher with 16 U.S. Patents to his credit. He has published more than 75 journal papers and 100 conference papers in addition to editing a book and five book chapters. He has gotten to this point in his career following a path that has taken many turns.

As a young man growing up in India, he saw only two possible careers for himself – Medical or Engineering. He never liked Biology, so he pursued his Bachelor's degree in Metallurgical Engineering from Malaviya National Institute of Technology Jaipur before going to work for an aerospace company. There he got a reality check when he was asked to do a complete aircraft engine overhaul. "I was like, 'Look, I didn't train for this,'" Bhansali recalls. "And the simple answer I got was you are either a good engineer or you are not a good engineer. A good engineer can figure the way out. So it was baptism by fire."

After receiving a master's degree in aircraft production engineering from the Indian Institute of Technology, Bhansali moved to Australia, where he found his calling. Picking up a copy of Scientific American magazine from a mentor's desk, he saw a photo of a gear so tiny it could fit on the foot of an ant. He discovered a passion for nanostructures and micro-systems and began pursuing his Ph.D. in Electrical engineering at Royal Melbourne Institute of Technology.



Bhansali then went to work in Japan. "The whole world goes west, so I decided I'm going to go east," he explains. They were the most wonderful years of his life and a great learning experience, he says.

Bhansali came to FIU in 2011 after spending more than a decade at

the University of South Florida, where he built a program that was among the top 10 Ph.D. producers for Hispanic Americans and African Americans.

"Taking an 'average' first-time-in-college student and helping them in a career that's going to change their life...that's priceless," Bhansali says. "As they say in the ads, for everything else there is a credit card."

When Bhansali came to FIU he was immediately impressed.

"FIU is an Institution right now that is at the cusp of greatness," he says. "I was blown away when I came here and saw what was going on in the department."

During his tenure at USF, he has conceptualized and led a

number of inter-connected interdisciplinary graduate student research and training programs, including NSF-IGERT, NSF Bridge to Doctorate and Alfred P. Sloan Doctoral Fellowship Programs to increase diversity, retention and graduation rates. Through these programs, he oversaw the education of over 150 graduate students with multiyear fellowships in colleges of Engineering, Arts and Sciences, and Medicine.

His awards tally includes the 2009 William R. Jones Outstanding Mentor Award from the Florida Education Fund, 2009 Mentor of the Year Award from Alfred P. Sloan Foundation, 2004 Outstanding Mentor Award from the McKnight Foundation, and 2003 NSF CAREER award. Presently Dr. Bhansali is on the editorial boards of Recent Patents in Nanotechnology, and Technology and Innovation.



Dr. DEEPAK VASHISHTH

(1988 Batch)

with particular emphasis on diagnosis and treatment of osteoporosis, cellular control of tissue growth and development, and mechanobiology of skeletal tissue regeneration. Through cellular and ECM- level studies, Vashishth develops microenvironments that are conducive to functional tissue engineering of bone.

“Having worked with Dr. Vashishth during my own tenure as director of CBIS, I know that he possesses a rich understanding of the value and complexity of interdisciplinary research, and the careful oversight that fosters collaboration and innovation in such an environment,” said Dordick. “The center will benefit from his success and insight as a researcher, as well as his energy and administrative capabilities.”

Since joining the Institute in 1999, Vashishth has won several awards, including the 2002 Rensselaer Excellence in Teaching Award. In 2003, he received the Rensselaer School of Engineering Research Award and in 2005

Deepak Vashishth, a bone and tissue engineering expert, and current head of the Department of Biomedical Engineering at Rensselaer Polytechnic Institute, has been appointed director of the Rensselaer Center for Biotechnology and Interdisciplinary Studies (CBIS).

“Deepak Vashishth is well recognized as a prominent leader within his field, which is itself an embodiment of the interdisciplinary work that is at the heart of the Center for Biotechnology and Interdisciplinary Studies,” said Rensselaer President Shirley Ann Jackson. “He is a tireless researcher and an established leader, and I am confident that the center will continue to develop and flourish under his direction.”

Vashishth was named head of the Rensselaer Department of Biomedical Engineering in 2009, and is among the tissue engineering and regenerative medicine core faculty of CBIS. His interdisciplinary research focus, propelled by more than \$5 million in funding from the National Institutes of Health (NIH), includes bio-molecular science and engineering of extracellular matrix (ECM)



PERSONALITY PLUS

received the Rensselaer Class of 1951 Outstanding Teaching Award. Most recently, he was named a fellow of the American Institute for Medical and Biological Engineering. During his tenure as Department head, the Department of Biomedical Engineering more than doubled its doctoral program and faculty, and received several highly valued federal research grants and National Science Foundation Faculty Early Career Development awards.

Vashishth is a member of the editorial board of the Journal of the Mechanical Behavior of Biomedical Materials and a member of the NIH study section on skeletal biology and skeletal regeneration. He and his research group have published more than 200 peer-reviewed journal publications and conference proceedings in top journals including PNAS, Molecular and Cellular Proteomics, and PLOS One. Working in collaboration with others, his research group has identified new structural roles for bone proteins, developed new biomimicry based strategies for tissue engineering scaffolds,



and produced a prototype of high-throughput chip for predicting bone fracture risk.

Vashishth received his bachelor's degree from the Malaviya National Institute of Technology in 1988, and went on to earn his master's degree in Mechanical Engineering at West Virginia University in 1992, and doctorate in biomedical materials from the University of London in 1997. He joined the Rensselaer School of Engineering in 1999, after serving for two years as a post-doctoral research fellow at the Bone and Joint Research Center in the Department of Orthopedic Surgery at Henry Ford Hospital in Detroit.



Er. SANJAY RUNWAL

(1983 Batch)

Learn, Earn and Return

for its customer centric approach. Two of its projects Runwal Seagull and Song of Life County are now known all over the country for their unique features. Eco friendly construction practices, adherence to legal systems, quality construction, timely delivery and highest level of consumer friendly approach have put Runwal Housing in the highest bracket of customer satisfaction.

Mr. Sanjay Runwal lives in Pune with his wife Pratibha and daughters Priyanka and Sarika.

Born in Pune in 1961, he graduated as an Electrical Engineer from Malaviya Regional Engineering College Jaipur. Strongly believing in the philosophy of *Learn, Earn and Return*, Mr. Sanjay Runwal has never stopped his quest for new 'Learning' and knowledge. He completed his post-graduate Diploma in Information Technology (DIT) at Pune. He is currently pursuing an Executive M.Sc. in

Sanjay Runwal is the Founder of the Runwal Housing Group at Pune, Maharashtra. The Runwal Housing Group is only the 14th Construction Group in the country to have received the Integrated Management Systems (IMS) Certification which includes ISO 9001, ISO 14001 and OHSAS 18001 Certifications. His company has completed over 35 projects both large and small in the last 11 years and has always been known



Strategic Management from the Edinburgh Business School in UK, he is also on the threshold of completing his Post Graduate Diploma in Alternate Dispute Resolution Mechanisms (PGDADM) from the prestigious ILS Law College, Pune and simultaneously he is also pursuing MS and PHD in 'Leadership and Change' from National School of Leadership, Pune!

In 2001, Mr. Sanjay Runwal opted to move out of his family business and start anew from scratch – the Runwal Housing Group. With a disciplined approach towards value driven activities, strong commitment towards customer needs and their satisfaction, Mr. Sanjay Runwal brick by brick built a strong ethical organization which gained wide spread acclaim not only in Pune but all over Maharashtra. Runwal Housing developed strong roots for standalone residential apartment buildings at Pune. Having started from scratch, the group completed 33 standalone or twin tower projects in a quick span of 11 years. The group is presently constructing a Mega Township and an Eco Friendly Villa Project besides its regular projects.

Mr. Sanjay Runwal has matched his 'Return' activities out of his Learn, Earn and Return philosophy by working under the Rotary Banner. He is a recognized 'Major Donor' of the Rotary Foundation. He works in several

projects to serve the society. His latest initiative is to set up a self sustaining model out of waste Plastic Picking, Processing and selling the granules to industry thereby cleaning the neighborhood of plastic waste in the villages and generating rural employment. The ultimate aim is to start the process of reverse migration towards the rural areas of India. He is setting up a Section (25) Company to do two activities – 1. Create plastic free villages and 2. Care for the old.

Having served the construction industry for 20 glorious years by gaining wide acclaim, he has now decided to retire voluntarily in December 2015 from the construction industry to

concentrate full time for his passion of Teaching,

Motivational Speaking, Writing of Books and Hindi Poetry besides returning back to society through the two missions mentioned above. His first book on 'The Art of Public Speaking' is likely to be published by June 2014 and his first collection of Hindi Poems is likely to be published by December 2014.

An acclaimed Public Speaker, he is invited to speak at various educational institutions

and public forums on Management and Motivational topics. He was recently invited by UNICOM to speak at a Conference in New Delhi on 'New Ideas for Building Competencies through Excellence in People'. More details can be seen on his blog sanjayrunwal.blogspot.com

As an acknowledgment of his services rendered in the industry for the last 30 years, Mr. Sanjay has been selected for the following awards.

1. National Leadership award for Real Estate and Infrastructure
2. Indira Gandhi Excellence Award for Lifetime Achievement
3. Indian Achievers Award for Excellence in Real Estate and Infrastructure
4. Bharat Gaurav Award – 2014
5. Udyog Rattan Award – 2014

“
Do what you
love and love
what you do
and do it before
you die.”



Er. M. C. Ramesh

(1988 Batch)

M. C. Ramesh has over 20 years of experience in Information technology and services. Early in his career he held various technical leadership positions at the IBM, Trilogy Software (Austin, USA) and the Electronic Commerce Resource Center (Atlanta, USA) where he led enterprise software projects with customers. Later he spent over 10 years at Akamai Technologies (Cambridge, USA). More recently, Ramesh was Vice President of Engineering and Managing Director, India for Rightster Ltd. (London, UK).

Ramesh joined the recently formed Nav Bharat Democratic Party to dive completely into public service. Earlier, in 2011, Ramesh's interest developed in public and social service and he spent a year as a volunteer for the then fledgling UIDAI (Aadhaar initiative). As part of Nandan Nilekani's team, Ramesh led the design and build-out of the UIDAI NOC (Network Operations Center) and monitoring systems.

He also holds a Master of Engineering degree from the University of Massachusetts, USA.

Er. Mitradutta Mohapatra

(1988 Batch)

Mitradutta Mohapatra is the Senior Director, Business Development for the Asia Pacific Region of Ingram Micro Inc., the world's largest technology distributor and the 'Fortune 76' ranked company with operations in 76 countries across 6 continents. He is based out of Ingram's Regional Office at Singapore and in this role, he oversees the business development in 17 countries of Ingram Micro (from China and India to Australia and NZ) with a team of experienced professionals. He is also a key member of Ingram Micro's global business team and a graduate of Ingram's "Leadership Academy", a rare privilege for only a selected few across the company.

He has developed a keen interest in Philosophy in the later part of his intellectual life and amidst all the pressing needs of a senior corporate job, he completed a Master's Degree in Philosophy with distinction in 2011. That is not all. He is currently pursuing a Ph.D. degree in 'Business Ethics' at National University of Singapore (NUS), his topic of research is "Contemporary Compliance Governance in the Business World and its Ethical Validation."



Er. Tarun Kumar

(1988 Batch)

Tarun Kumar is Founding Member, Director & Chief Technology Officer of Tikona Digital Network. Tikona Digital Networks (TDN), founded in 2008 with headquarters in Mumbai, is engaged in building the next generation wireless broadband services for home and enterprise customers in India.

Prior to Tikona, he served in Reliance communications as Senior Vice President and was responsible for IT and Technology Development for Broadband and Home (DTH & IPTV) Businesses. He has also served in Huges Telecom (Now Tata Teleservices Maharashtra Limited) in its formative years. He began his career in the Indian Railway Service.

He has also done M. Tech. in Electronics and Communication Engineering from Indian Institute of Technology.

Er. Monica Kumar

(1988 Batch)

As Senior Director of product marketing at Oracle Corporation, Monica Kumar is responsible for driving the product marketing, business development, customer and sales programme for Linux, Virtualization, MySQL, and Open Source technologies at Oracle. A recognized leader and evangelist for Oracle and open source, Monica often represents Oracle at customer, partner, and industry events. Prior to joining Oracle in 1997, Monica spent five years in Database Product Marketing at Informix Corp. Monica has a Bachelor's degree in Mechanical Engineering from Malaviya Regional Engineering College and a Master's degree in Business Administration from San Jose State University.



Monica volunteers for the non-profit organization, Indian Business and Professional Women (IBPW), and joined recently as their Co-Executive Director. She loves to travel, cook, read, and spend time with her family and friends.

Dr. Sridhar Arcot

(1988 Batch)



Dr. Sridhar Arcot is the Professor of Finance at ESSEC Business School, France. After finishing his studies at MNIT Jaipur, Sridhar completed his Master of Management Studies from Mumbai University. He then worked both in Mumbai and London, with Foseco India Ltd and Tech Mahindra, for 9 years. Subsequently he joined the London School of Economics to do a Masters and then a PhD in Finance. Since then he is working at ESSEC. At ESSEC he teaches Corporate Finance and Mergers & Acquisitions.

His research interests are in corporate finance, private equity, venture capital and corporate governance. He strongly believes that the foundation for his achievements in life was in a large measure due to his formative years at MNIT Jaipur. The experiences he had at MNIT Jaipur were unforgettable and instilled in him the confidence to take on challenges in life.

Er. Virendra Gupta

(1988 Batch)

Virendra Gupta is working with Huawei India R&D Center as Senior Vice-President - engineering and 2012 Lab Business Line Head. He has earlier worked with companies such as CDOT, HP, Hughes Software and Nokia before joining Huawei.

With a Bachelor's degree from MNIT Jaipur, He holds M. Tech. in Integrated Electronics from IIT Delhi, MBA in marketing from FMS, Delhi University, M. Tech. in Computer Science from Dr. MGR University, MS in Embedded System Design from Manipal University and One Year Senior Management Programme Certification from IIM, Lucknow. He is PMP (Project Management Professional) certified from PMI, USA. He is certified scrum master, six sigma green belt and certified IT service management professional.





Er. Baljinder Sharma

(Electrical Engineering, 1988 Batch)

Baljinder Sharma, a first generation entrepreneur, holds investments and Board positions in companies in telecommunications, banking, information technologies and financial services industry, which he has founded or co-founded. He did his MBA from University of Mauritius. He is an alumnus of Indian School of Business having completed the Advanced Management Program and a program on Private Equity. He also attended a program on Corporate Restructuring and Mergers and Acquisitions at the Harvard Business School. He is the CEO of Initia Holdings Ltd. and navigates between Mauritius and India.

Er. Surjit Singh Sodhi

(1988 Batch)

Surjit Singh Sodhi is presently working with Allana/IFFCO as Director and is responsible for Global IT Infrastructure.

With nearly 22 years of extensive experience in two of the largest corporations in India viz; ONG & RIL and major agri-commodity exporter Allanas and Foods Industry, he is an effective techno-manager with strong problem solving skills, experience based decision making and strong inter-personal communication skills.

Born on 29th November 1965, Mr. Surjit Singh Sodhi is a CBSE as well as BE Degree merit holder.



Er. P. K. Singh

(1988 Batch)

Mr. P. K. Singh graduated in civil Engineering from Malaviya Regional Engineering College now National Institute of Technology, Jaipur (RAJ) in 1989. Since then after doing a short stint of a year with Kanpur Development Authority in 1990-91, he joined Central Reserve Police Force as an Assistant Commandant in 1992 where he worked for about 14 years on various administrative, operational and engineering assignments with in India and abroad. Mr. Singh resigned from the Govt. of India Service in 2006 to pursue his entrepreneurial Goals. Today he presides over a sprawling, highly organized and successful business conglomerate with interests in Real Estate, Infrastructure and Engineering segments.

Er. Bikash Chandra Mallick

(1988 Batch)

Bikash Chandra Mallick is the Director/ Superintending Engineer at Kolkata. Earlier, he was the Assistant Director at Central Electricity Authority. He got selected in Engineering Services in 1991. As his 1st job, he worked at Vizag Steel Plant under RINL. Married to Mrs. Manjushree Mallick he has a small family of two kids- Swastika Mallick, Sambuddha Mallick.



Dr. Thomas Abraham

(1971 Batch)

Dr. Thomas Abraham is the Founder President at GOPIO (representative of all NRI). Dr. Abraham has been honoured with Bharatvanshi Gaurav Award (Person of Indian Origin Pride) instituted by Ananth Rashtriya Sahayog Nyas (Trust for International Cooperation) and presented by former Vice President Bhairon Singh Sekhawat on January 4, 2008 in New Delhi and Pravasi Bharatiya Samman (Overseas Indian Honor) award by President of India Pratibha Patil on January 9, 2008 in New Delhi.

Dr. Abraham was also recognized with Distinguished Alumni Award at the 4th Convocation of the Malaviya National Institute of Technology (MNIT) in Jaipur on November 15, 2008.



Er. Ashutosh Arora

(1987 Batch)



Mr. Ashutosh Arora is currently the Deputy General Manager at Vigilance Department, NTPC Ltd. He is the life-time member of Rajyoga Education & Research Foundation, New Delhi; Researcher in natural human parthenogenesis. His family includes his wife Mrs. Suman Arora, daughter Priyanka and son Priyanshu. He has a penchant for long drives, Mechatronics and Rajyoga Meditation. Self managing leadership learned at Brahmakumaris has helped him clear all his impediments.

"Be Holy & Be Raja+Yogi...Eat healthy live food of vegetarian base..trust God & self..Change Self to change the World...Protect women to protect ourselves"

"Naari Suraksha - Hamaari Suraksha >> co-operate to end violence against women"

Er. Mukesh Rastogi

(1988 Batch)

Mr. Mukesh Rustogi is the Managing Director of V.R. Group with its Head Office based in Jaipur. In 2005, he quit his highly paying Job to become an Entrepreneur. Struggled for more than 6 months, so much so that every morning, situation was forcing him to take up employment but faith on God and perseverance helped him linger on and stick to the challenging phase till one fine day, he grabbed an opportunity to become a dealer of FG Wilson DG sets (a caterpillar group of company).

In 1988, he did his graduation in Mechanical Engineering from MNIT Jaipur and interestingly completed his entire tenure of engineering on scholarship.



Er. S. L. Uttam

(1971 Batch)



Mr. S. L. Uttam is the Founder and Director of BOSANAREMAJA AGRACIPTA which deals with the manufacturing of Brassieres and Lingerie. Established in 1993, the company has an annual turnover of USD 70 million. At present his company provides employment to more than 10,000 people.

BOSANAREMAJA AGRACIPTA has a formidable presence in Indonesia with offices in USA, Europe, Australia, Canada, Brazil and UK.



Er. Sanjiv Anand

(1982 Batch)

Mr. Sanjiv Anand is the Managing Director, Cedar Management Consulting International, New York City. Cedar is a global management consulting firm. With over 20 years of experience, Cedar has assisted more than 800 clients across industry sectors in the formulation of their strategy for the growth and transformation of their business.

He has driven over \$2 billion of FDI into Asia and assisted private equity firms in over \$500 million in investment. He has been on the Board of Governors at MNIT and is also a proud alumnus of Harvard Business School.

His first book titled "**Unlocking Human Capital to Drive Performance: A CEO's Handbook**" gives practical advice on raising the performance levels and benchmarks to increase workplace productivity. It packs in a lot of practical wisdom and is a quick read - ideal for any CEO short on time - interspersed with illustrations.

Er. O. P. Gupta

(1988 Batch)

Er. O. P. Gupta, an alumnus of MNIT Jaipur, is an IAS officer of 1992 Batch, Maharashtra Cadre. Before joining the civil services, he topped the UPSC Engineering Services exam in 1989 and joined Indian Railway Service as IRSME(Prob.) in 1991. In 1988, he did his graduation in Mechanical Engineering and was also the topper of his batch.

During the early years in service he has worked in various capacities in Development and Revenue administration. He worked as DM and Collector of Amravati and Satara district from 1998 to 2004. As VC & MD of MSRTC from 2007-2010, he turned around the loss making transport corporation. He introduced e-ticketing in buses across the state and new planning and maintenance techniques to improve revenues and cut costs. Since 2010, he is working as GM, BEST and is responsible for electricity distribution in Mumbai city and running bus transport in greater Mumbai region. He has implemented various commuter friendly projects like e-ticketing and GPS based PIS in BEST buses apart from e-payment facility for electricity bills.



Er. Tanmay Agarwal

(1992 Batch)

Mr. Tanmay Agarwal is the Vice President-of Analytics -Consumer Goods & Retail in GENPACT company, prior to this he was the Managing Director and CEO of 3 companies under CEAT-KELANI Associated Holdings Pvt. Ltd. - a CEAT India Ltd. and Kelani Tyres PLC Joint Venture.

He was involved in the manufacturing and marketing of a complete range of Automotive tyres for the domestic Srilanka market and North and SE Asia, & AMET and employs a workforce of approx 1100 employees.

Er. Amit Ranjan

(1995 Batch)

Amit cofounded SlideShare (www.slideshare.com), the world's largest community for sharing presentations on the web. In 2012, SlideShare was acquired by LinkedIn, the world's largest professional network. Amit now heads SlideShare's Delhi office, from where he spearheads its product strategy. He is a frequent speaker at technology and internet conferences.

SlideShare is counted amongst the few Indian startups that have built a global internet product out of India.

"My best wishes to MNIT students, teachers and alumni. I owe a lot to the formative years I spent at the college during 1991-95. What I learnt at MNIT helped build my professional foundations, something that came in very handy in my entrepreneurial journey of building SlideShare."



Er. Joydeep Bose

(1985 Batch)

Mr. Joydeep Bose is the President & Global Head of Human Resources at Olam International, Singapore. Currently, he is providing leadership to the human resources function across more than 60 countries.

Over the last six years, the Human Resources function has played a key role in the expansion of Olam which has grown in this period from a privately held company with 2500 employees to a publicly listed company with more than 10,000 employees.

Olam is listed on the main board of the Singapore Stock Exchange (SGX) and ranks amongst the top 30 companies in Singapore in terms of market capitalization. In 2009, Olam was recognized as being amongst the Global Top 25 Companies for Leaders as per the most comprehensive study by Hewitt Associates.



Er. Yuvinder Kochar

(1985 Batch)

Mr. Yuvinder Kochar is the corporate CTO at The Washington Post Co. He collaborates with the major divisions of The Washington Post Company in the areas of technology strategy, architecture and Shared Information Technology Services.

Under his leadership, Shared IT Services has rapidly expanded to support key Compliance, Identity Management, Security and Privacy, HR, Benefits, Payroll and Procurement processes across all divisions.





Motivation of The Motivator

-By Vasant Jajoo (1988 Batch)

Every parent desires that education for their child be an enjoyable and a stress-free experience. Thinking further, parents would like that the child should develop an interest in learning. Hence parents desire that the child should be self-motivated to learn.

Consequently, no parent would like to see themselves as forcing their child to learn. But quite often, we see that many parents land-up “pushing” their children and wondering as to what can be done to “motivate” them. I myself have had this experience. Whenever, I sit with my 12 year old daughter to help her with studies, I frequently ask questions to myself - Am I able to develop interest in her or ‘am I merely pushing her?. Sometimes, I realize that I’m merely “pushing” her with studies. I then try to find better ways of working with her and help her with the development of her self-motivation.

Typically, parents measure the level of motivation of the child based on the child’s eagerness in finishing the homework or based on performance in exams. If the child is sincere in finishing his homework, does that mean that the child is motivated? It is worth questioning if the eagerness in doing the homework is coming out of child’s “innate” interest or coming

from fear of exams or the consequences of not finishing the homework.

What exactly is motivation?. One definition states that “motivation is activation or energization of goal oriented behavior”. As per the Oxford dictionary, motivation means “drive or enthusiasm”. We understand that “motivation” primarily stems from a natural inquisitiveness or eagerness to learn. If we observe this aspect closely, we find that infants and young children appear to be propelled by curiosity, driven by an intense need to explore, interact with, and make sense of their environment. As one author puts it, “Rarely does one hear parents complain that their pre-schooler is ‘unmotivated’. Several parents have experienced a sense of awe & pride at the kind of simple yet difficult to answer questions that their children ask them. As parents, we have often faced questions like “Dad – Why is it that only birds can fly?. Mom – Why do you always like pink color?”.

Unfortunately, as children grow, their passion for learning seems to shrink more often than not. Learning often becomes associated with drudgery instead of delight. Many children are physically present in the classroom but largely mentally absent; they fail to invest themselves fully in the experience of learning. Can we then try to understand as to why that “enthusiasm or innocence” wanes away as the child grows-up?. How far have we been able to work with our children to explore these simple yet difficult to answer questions?. Some-

where in the process of getting the child “educated”, why are we losing this enthusiasm of the child?

Children's home environment shapes the initial attitudes they develop toward learning. When parents nurture their children's natural curiosity about the world by welcoming their questions, encouraging exploration, and familiarizing them with resources that can enlarge their world, they are giving their children the message that learning is worthwhile, fun and satisfying.

Most parents are quick to acknowledge that their children imitate them. In the very next breath, parents also say that their child does not listen to them. Are we then able to see as to where we are going wrong in up-bringing of our child?. Are we really “listening” to our children so as to expect the same from them?. For example, quite often, I find that my daughter tends to be too impulsive. As a result, I tell my daughter to slow-down, think through and then respond to a query or a situation. However, I realize that often I myself tend to be impulsive in responding to some situations even during my own interactions with her.

This reminds me of a famous quote from an educationist “Children learn from what adults 'do' and not from what adults 'say'. For the child, what we do is much louder than what we say”. Hence, it is very much necessary for parents to become aware of the gaps between their own 'actions' and 'words'. If we see an unacceptable

behavior in our child, it is worth questioning to find out the source of such a message. If we as adults can be sensitive enough to recognize, understand and keep-up with the inquisitiveness that every child has, then we may not need to explicitly work on trying to find out ways & means of building-up our child's motivation.

Broadly speaking, motivation is of two types viz. "Extrinsic" motivation (using external factors like performance in exams, candy, movie, pizza etc) & "Intrinsic" motivation (using the natural inquisitiveness of the child). Extrinsic motivation comes from rewards that are outside of the performer or the subject of motivation. Intrinsic motivation comes from rewards that are inherent to the task or activity itself – like enjoyment of solving a puzzle, pleasure of understanding complex phenomenon etc. Extrinsic rewards, should be used with extreme caution, as they have the potential for decreasing existing intrinsic motivation. It is quite common that parents tend to fall into easy traps and use the "extrinsic" methods to motivate the child. These extrinsic methods seem to give quick short-term results. However, they come in the way of nurturing child's inquisitiveness and in developing child's innate interests. These extrinsic methods can also be seen as a "carrot & stick" method which only makes the child conform to adult's prescriptions for want of carrot or due to the fear of sticks. So for example, due to the want of getting good grades in exams or due to the fear of the consequences of getting bad grades a child may study hard.

In contrast, intrinsic motivation is longer lasting & self-directed than

external motivation. If the children are internally motivated, they will tend to explore and learn newer things on their own even without intervention from parents. Hence, nurturing the intrinsic motivation from a young age would help them to be curious and inquisitive adults. This is very much necessary because "learning" never ends and to live meaningfully, it is necessary to be able to learn new things all the time. So, how can "intrinsic motivation" be nurtured in a child? What role do parents have in doing this?. There are several ways to do this. Following are some examples. Children get excited and motivated when they see connections between the world around them and their day-to-day learning activities. For example, one can engage a child in math casually while shopping, by having them help you with the counting or arithmetic. Similarly, science concepts like water-cycle, states of matter, heat, etc. could be introduced while cooking. While visiting museums or temples, one could relate the experience with history or visual arts. Doing this will definitely require the parents to invest time and energy in understanding their children's learning levels and facilitating their learning process.

Children also get excited and motivated when they are learning about things that are inherently of interest to them. Every child's interests varies but it would be possible to design learning activities around their interests. For example, a child may be very interested in animals. It would then be very exciting for the child if he/she gets to explore as many different kinds of animals and their features by visiting a zoo or a forest area and continue this experience at home by reading books, watching videos and so on. Hence

parents will have to be alive to child's innate inquisitiveness & interests about everything that is happening in the child's world. Parents must be ready to explore with the children's queries as & when they are raised and not address them based on parent's convenience. This does mean that parents will have to develop immense patience & invest in quality time in working with the children. On a longer term, parents will be able to continue to explore various "intrinsic motivation" methods only if they see a learning value for themselves in doing so. If parents are interested in their child's well-being, they should be able to see these connections and play their role in developing their children.

It may be also worth inquiring to find out as to what really is the "motivation" of the "motivator" i.e. the parent in motivating the child?. Is the motivator merely looking at "education" as means of earning one's livelihood or is the motivator caught-up in seeing his/her ambitions to be fulfilled through the child?. Is there really some larger purpose behind education?. As J. Krishnamurti said, "The Purpose of education is to understand the vast expanse of life, its subtleties, its extra-ordinary beauty, its sorrow & its joy". Albert Einstein said that "Once everything that is taught in schools is forgotten, what remains is education". Are we parents willing to actively engage in such meta questions and relate it with our own experiences of life? If not, one may unconsciously slip into using extrinsic motivation methods. The challenge for parents is to keep these questions alive, relate them with their experiences and continue to explore, instead of settling down for some quick answers.

Sustainable Development



By Punit Agrawal (1996 Batch)

AGM/ Corporate Co-ordination

Dedicated Freight Corridor Corporation of India Limited



History

Sustainable development was formally coined in 1987 by the United Nations appointed World Commission on Environment and Development, also known as the Brundtland Commission after its chair. Formally known as the World Commission on Environmental and Development (WCED), the Brundtland commission's mission was to unite countries to pursue sustainable development together. The Chairman of the Commission, Gro Harlem Brundtland, was appointed by Javier Pérez de Cuéllar, former Secretary General of the United Nations, in December 1983. At that time, the UN General Assembly realized that there was a heavy deterioration of the human environment and natural resources. To rally countries to work and pursue sustainable development together, the UN decided to establish the



Brundtland Commission. Gro Harlem Brundtland was the former Prime Minister of Norway and was chosen due to her strong background in the sciences and

public health. The Brundtland

Commission officially dissolved in December 1987 after releasing "Our Common Future," also known as the Brundtland Report, in October 1987, a document which coined, and defined the meaning of the term "Sustainable Development". Our Common Future won the University of Louisville Grawemeyer Award in 1991.

Previously, in the 1972 Stockholm Conference on the Human Environment and the 1980 World Conservation Strategy of the International Union for the Conservation of Nature, the leaders of our world realized that we needed to create an organization whose sole purpose was to raise awareness of the need for sustainable development. During this time period, people in developed countries were starting to become more aware about environmental issues stemming from industrialization and growth. Developed countries wanted to reduce the environmental impact of their growth. On the other hand, developing countries were becoming discouraged because they were not at the same level of development and could not reach the higher levels of economic growth that industrialized countries had. Because of this need for growth, developing countries were desperate to use cheap methods with high environmental impact and labour practices in their push to industrialize. The United Nations saw a growing need for an organization to address these environmental challenges which were intertwined with economic and social conditions

as well, which in December 1983, resulted in appointment of Brundtland Commission.

Modern definition of sustainable development

The Brundtland Commission draws upon several notions in its definition of sustainable development, which is the most frequently cited definition of the concept to date.

A key element in the definition is the unity of environment and development. While the "environment" was previously perceived as a sphere separate from human emotion or action, and while "development" was a term habitually used to describe political goals or economic progress, the Brundtland Commission pushed for the idea that it is more comprehensive to understand the two terms in relation to each other (We can better understand the environment in relation to development and we can better understand development in relation to the environment, because they cannot and should not be distinguished as separate entities). Brundtland argues:

"...the "environment" is where we live, and "development" is what we all do in attempting to improve our lot within that abode. The two are inseparable."

The Brundtland Commission insists upon the environment being something beyond physicality, going beyond that traditional school of

thought to include social and political atmospheres and circumstances. It also insists that development is not just about how poor countries can ameliorate their situation, but what the entire world, including developed countries, can do to ameliorate our common situation.

The two key concepts of sustainable development are: the concept of "needs" in particular the essential needs of the world's poorest people, to which they should be given overriding priority; and the idea of limitations which is imposed by the state of technology and social

“

We do not inherit the Earth from our ancestors; We borrow it from our children.”

- Lakota

organization on the environment's ability to meet both present and future needs. The definition of this term in the report is quite well known and often cited: "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs".

Sustainability Efforts

The three main pillars of sustainable development include economic growth, environmental protection, and social equality. While many people agree that each of these three ideas contribute to the overall idea of sustainability, it is difficult to find evidence of equal levels of initiatives for the three pillars in countries' policies worldwide. With the overwhelming number of countries



that put economic growth on the forefront of sustainable development, it is evident that the other two pillars have been suffering, especially with the overall well being of the environment in a dangerously unhealthy state. The Brundtland Commission has put forth a conceptual framework that many nations agree with and want to try to make a difference with in their countries, but it has been difficult to change these concepts about sustainability into concrete actions and programs. Implementing sustainable development globally is still a challenge, but thanks to the Brundtland Commission's efforts, progress has been made. After releasing of this report, an international meeting was called to map out more concrete initiatives and goals. This meeting was held in Rio de Janeiro, Brazil. A comprehensive plan of action, known as Agenda 21, came out of the meeting. Agenda 21 entailed actions to be taken globally, nationally, and locally in order to make life on Earth more sustainable going into the future.

Indian Context

In India, the movement in support of environmental concerns and sustainable development really started in the early 1980s, partly influenced by international developments. However, the main trigger for an accelerated effort in this direction came after Bhopal Gas Tragedy in

1984. It was followed by a number of policy statements and legislations in order to meet environmental challenges.

Since in most nations, natural resources belong to the state or the community, it is but natural that their exploitation and usage has to be regulated by public legislation and administered by designated government agencies. In India, the government has brought in several provisions through legislation to regulate the exploitation of natural resources and its usage as well to control the damages arising out of various developments taking place. It is rare for any country to have a specific law dealing exclusively with sustainable development in all its aspects. Therefore, these are normally incorporated in the form of different laws, e.g., mining laws, environmental laws (including air and water laws), land laws, etc., which is also the case in India.

The Preamble, which lays down the 'basic features' and remains the 'soul' of the Constitution promises to all Indian citizens justice encompassing the social, economic and political, equality of status and opportunity and the dignity of the individual. The pillars of sustainable development are embedded in the fundamental rights guaranteed by the Constitution, which lay down the framework for social justice in India. Article 21 conferring the Right to Life has been subject to the broadest interpretations by the judiciary to encompass right to clean environment, right to livelihood, right to live with dignity and a number of other associated rights. The Directive Principles of State Policy often referred to as the 'conscience' of the Constitution are intended to ensure 'distributive justice' and that political democracy

in India is accompanied side by side with social and economic democracy. In addition to the state mandate to ensure social and economic justice, the Directive Principles also enjoins a duty upon the state to protect and improve the environment and safeguard the forests and wildlife. The Executive, Judiciary and the Legislature have given expression to these normative ideals in innovative ways in response to demands from the people, and national and international exigencies. The National Environmental Policy (NEP) of 2006 articulates the spirit of 'sustainable development'; it states that only such development is sustainable, which respects ecological constraints and the imperatives of social justice.

Need of the Hour

While sustainable development is intended to encompass three pillars, over the past 20 years, it has often been compartmentalized as an environmental issue. Added to this, and potentially more limiting for the sustainable development agenda, is the reigning orientation of development as purely economic growth. This has been the framework used by developed countries in attaining their unprecedented levels of wealth, and major and rapidly developing countries are following the same course. The problem with such an approach is that natural resources are in imminent peril of being exhausted or their quality being compromised to an extent that threatens current biodiversity and natural environments.

Addressing this challenge calls for changes at the consumer level, especially in developed countries. Developed countries have the wealth and technical capacity to implement more sustainable policies and

measures, yet the required level of political leadership and citizen engagement is still a long way off. The lack of action in developed countries is compounded by economic growth in developing countries that follows the resource-intensive model of developed countries. Without change and real action to address levels of consumerism and resource use in developed countries, one can hardly expect a receptive audience among developing countries when attempts are made to direct attention to their economic development practices. Deep structural changes are needed in the ways that societies manage their economic, social, and environmental affairs; and hard choices are needed to move from talk to action.

Way Ahead

While it is easier to identify the changes required in the consumption pattern, especially in a world where a lot of emphasis has been placed on ease of completing a task, mainly with the involvement of large resources, the challenge lies in embodiment of the procedures which are self-surviving, and can be easily brought into the habits of all the people around this world, who are the users of these natural resources and without much compromise on their level of comfort they enjoy today. India and its traditional wisdom in use of natural resources can

definitely lead the world, but the sad story is that we ourselves are no longer following them in the race towards a modern world. The only light capable of glowing through this onslaught lies in some of the enabling mechanisms, which provide for a compulsory contribution from all the actors in this world, especially in the society to work towards the common goal of sustainable development.

Enabling Mechanisms

While everyone feels the need for change and also agrees for the concerted efforts in the direction of sustainable development, the actual action on the ground has left much to the desire. The governments as the custodians of natural resources always have first responsibility to share with, but in the face of stiff resistance from so called pro-development lobbies finds difficult to pursue this agenda. However, the time is ticking and there is need for certain compulsory measures involving the entire private and public sectors. There is already a model available in the form of Corporate Social Responsibility, which may be made more inclusive with Corporate Sustainable Development Responsibility. The mandatory spending on various programmes supporting sustainable development as a part of the obligation upon all the public and private sectors for the upliftment or conservation can become a tool for this cause. I therefore propose CSR as Corporate Sustainable development Responsibility and urge everyone to contribute towards it as if we are giving Matra-dakshina to our holy mother earth and the whole environment we live with. Procurement policies in a country plays a significant role in the way, the projects are prepared, developed and



implemented. While all the developments have been taking place through implementation of mega ambitious projects including power plants, dams, infrastructure like transport sector and other industries, due to non-existence of any framework, with sustainable development at the core of the development, has not allowed for sustainable development projects to get acceptance of the industry. LCC driven procurement as an incentive for the projects with limited use of

resources has to become the deciding factor in all the major procurements by both the public and private sector. Societies are the most sustainable entities which survive most of the harshest of the conditions and are always adoptive to the changing demands of the time. It is all the way more important to create a strong bond with the society for the sustainable development agenda to flourish. Right from the schools to the society interaction programmes, the emphasis on this agenda shall

create right environment and willingness in the society to work towards the common goal of sustainable development.

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2. Our Common Future, the Brundtland Report, 1987.

Nuclear Power - An alternative

Promotion of scientific environment in India

This year happens to be the centenary of Dr. Homi Jehangir Bhabha, the founder of Atomic energy programme in India, who drew the road map of nuclear power programme which brought the country in the elite club of nations possessing advanced nuclear technology. Thus, this is an appropriate time to look back on the evolution of nuclear power in the country and assess its current status, future opportunities and associated challenges. It is also the time to remember the contributions of great personalities like JRD Tata who scripted the scientific destiny of the country.

The JRD Tata unparalleled contribution to the Indian industry and thus the country cannot be undermined. Apart from setting up many industries, hospitals, centers for arts etc, the Tatas' contributed in a big way in developing a scientific temper with a spirit of enquiry in the country by establishing institutions for science, education and research,

By Ajay Garg (1997 Batch)
Scientific Officer 'F', Rawatbhata Rajasthan Site
Nuclear Power Corporation of India Limited



starting with the Institute of Science, set up at Bangalore.

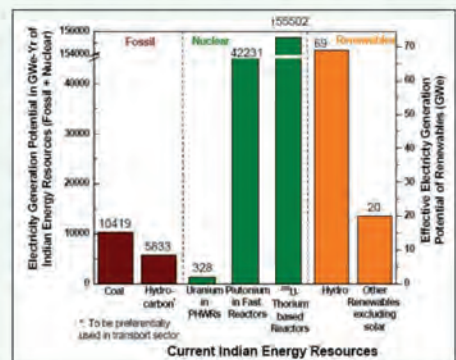
It was JRD Tata, in response to Dr. Bhabha's communication expressing his desire "to stay in one's own country and build up schools comparable to those in other lands" advised him to approach the Sir Dorab Tata Trust. On JRD's advice Dr Bhabha wrote to the Sir Dorab Trust in this regard in 1944 and the rest, is history. The Tata Institute of Fundamental Research was set up with the funds provided by Sir Dorab Trust.

Genesis of Atomic Energy in India

After India attained independence, in 1947, the Atomic Energy Commission was set up in 1948 for framing policies in respect of development of atomic energy in the

country. The Department of Atomic Energy was established in 1954 with Dr. Bhabha as Secretary to implement the policies framed by the Atomic Energy Commission. Sir J.R.D Tata was one of the longest serving members in the Atomic Energy Commission and played a significant role in shaping the policies related to atomic energy program in the country.

The atomic energy program, which was initiated in a modest manner



initially, has now grown as a wide spectrum, multi dimensional multidisciplinary with 63 organizations under DAE. The spectrum of these significant activities include R&D in Nuclear Sciences and Engineering, Exploration & Mining of Radioisotopes, Nuclear energy development and implementation, application of Nuclear Energy, Bio-Agricultural Research, Medical Sciences etc.

Atomic energy activities in the country are governed by the Atomic Energy Act. The commercial nuclear power program of the first stage (comprising of PHWRs and imported LWRs) is being implemented by Nuclear Power Corporation of India Limited (NPCIL), and the second stage (comprising of Fast Breeder Reactors) by Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI).

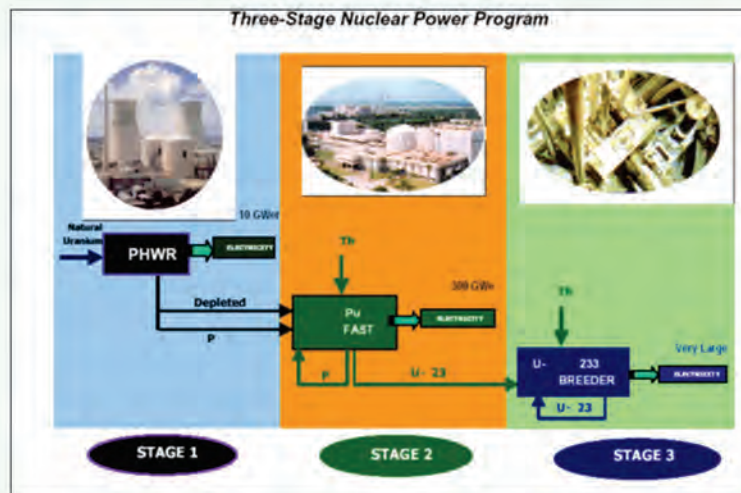
In India, nuclear energy development began with the objectives of peaceful uses of atomic energy in improving the quality of life of the people and to achieve self-reliance in meeting the energy needs. The commercial Nuclear Power program, started in 1969 with the operation of TAPS 1&2 (BWR), currently shares about 3% country's installed capacity. Thus playing a complementary role in meeting the country's energy demand. However, in long term, it is expected to play a significant role in meeting the huge electricity demand of the country.

Incidentally, India is not a very energy resource rich country. Currently, the

India's energy resource base status suggests the optimal mix of all the available energy resources to meet its growing demand of electricity which is projected to be about 800GWe by 2032 and 1300 GWe by 2050.

Indian Nuclear Power Program

The Indian nuclear programme was conceived based on, unique sequential three-stages and associated technologies essentially to aim at optimum utilization of the indigenous nuclear resource profile of modest Uranium and abundant Thorium resources. This sequential three-stage



program is based on a closed fuel cycle, where the spent fuel of one stage is reprocessed to produce fuel for the next stage. The closed fuel cycle thus multiplies manifold the energy potential of the fuel and greatly reduces the quantity of waste generated.

The first stage comprises of Pressurized Heavy Water Reactors fuelled by natural uranium. Natural uranium contains only 0.7% of Uranium235, which undergoes fission to release energy (200Mev/atom). The remaining 99.3% comprises Uranium238 which is not fissile

however it is converted in the nuclear reactor, to fissile element Pu 239. In the fission process, among other fission products, a small quantity of Plutonium239 is formed by transmutation of Uranium238.

The second stage, comprising of Fast Breeder Reactors (FBRs) are fuelled by mixed oxide of Uranium238 and Plutonium239, recovered by reprocessing of the first stage spent fuel. In FBRs, Plutonium239 undergoes fission producing energy, and producing Plutonium239 by transmutation of Uranium238. Thus the FBRs produce energy and fuel,

hence termed Breeders. FBRs produce more fuel than they consume. Over a period of time, Plutonium inventory can be built up by feeding Uranium238.

Thorium232, which constitutes world's third largest reserves in India, is not fissile therefore needs to be converted to a fissile material, Uranium233, by transmutation in a fast breeder reactor. This is to be achieved through

second stage of the program, consisting of commercial operation of Fast Breeder Reactors (FBRs). In the second stage, once sufficient inventory of Plutonium239 is built up, Thorium232 will be introduced as a blanket material to be converted to Uranium233.

Considering the sequential nature of the indigenous nuclear power program and the lead time involved at each stage, it is expected that appreciable time will be taken for direct thorium utilization. Therefore, innovative design of reactors for

direct use of thorium is also in progress in parallel to three stage program. In this context, the frontier technologies being developed include the Accelerator Driven Systems (ADS) and Advanced Heavy Water Reactor (AHWR). The ADS essentially is a subcritical system using high-energy particles for fission. One of the significant Advantages of this system are small quantity of waste production. The quantity of Waste in this system is greatly reduced in comparison to the existing reactors as Actinides produced in ADS are 'burnt' out.

The AHWR is another innovative concept, which will act as a bridge between the first and third stage essentially to advance thorium utilization without undergoing second stage of the three stage program. It uses light water as coolant and heavy water as moderator. It is fuelled by a mixture of Plutonium239 and Thorium232, with a sizeable amount of power coming from Thorium232. India is also an active partner in the international experimental initiative on harnessing fusion power for the future, the ITER project. India is supplying several components for this experimental reactor.

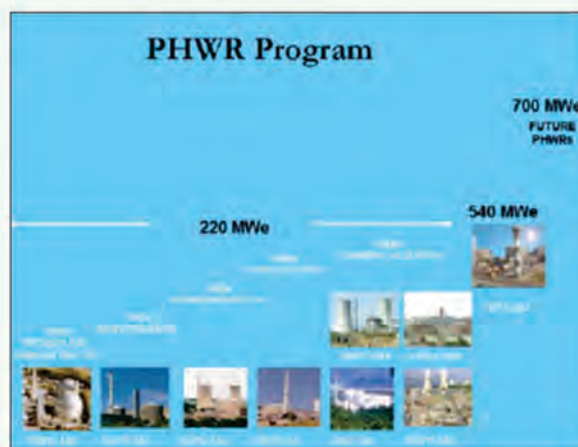
Additionalities to the Indigenous three-stage program

For faster nuclear power capacity addition, in parallel to the indigenous three stage program, additionalities based on imports have been introduced. Two Light Water Reactors (LWRs) of 1000 MWe each are under construction at Kudankulam in technical cooperation with the Russian Federation. As capacity addition through the indigenous route

is guided by the fuel cycle linkages of the sequential three stage program, faster capacity addition in the near term to meet the electricity needs of the country will be possible through these additionalities.

Current Status

The first stage consisting of pressurized Heavy Water Reactors (pHWR) has reached a state of commercial maturity and the second stage of Fast Breeder Reactors (FBRs)



has been commercially launched with the construction of 500Mwe Fast Breeder Reactor (FBR) at Kalpakkam. The third stage systems (using U233 –Thorium232 obtained from spent fuel of second stage) have been developed at pilot scale. The development of commercial technology of third stage is under way currently. However, the commercial deployment of this technology is expected to take appreciable time.

Achievements in Nuclear Power Technology

Nuclear Power plants have registered high availability factor, safety performance and longest continuous operation comparable to international standards. The performance of the operating plants is depicted in the figures below:

The Indian nuclear power plants have also performed at par with international benchmarks. Figure below depicts the performance of NPCIL unit's vis-à-vis others worldwide.

Conclusions & Road Ahead

Indian Nuclear power program, visualized by Dr. Bhabha in the early fifties has been developed and successfully deployed with indigenous efforts, thus, placing the country in the elite club of countries possessing advanced Nuclear technology. The evolution and development of commercial Nuclear technology in the country has passed through several technological revolutions.

While developing and implementing the nuclear power program, the Indian industry capability in manufacturing and supply of high precision and specialized equipment has also been developed comparable to international standards.

The nuclear power has come of age with comprehensive capabilities in all aspects of nuclear power and is poised for a large expansion program. The challenge is to pursue the three-stage program, develop and commercially deploy technologies for utilization of thorium and ensure the country's long term energy security.

The fruition of international cooperation will open up a plethora of opportunities in export of nuclear goods, equipment and services. The Indian nuclear power sector and industry needs to evolve faster to meet the associated challenges.

BLAST FROM THE PAST



Administrative Building of Shri Mohan Lal Bhanani

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LIBRARY

Malaviya Regional Engineering College, JAIPUR.

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 Date: 28-2-1977
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 Student of BE (ME) - 1st year Branch of this College, a sum of Rs. 1500/- Rupees.
 Only on account of fees as per details given below :-

1. Admission	Rs. 750/-
2. Library	Rs. 40/-
3. Mid-Sessional Examination	Rs. 100/-
4. Tuition	Rs. 400/-
5. Hostel Room Rent, Light & Water Charges	Rs. 80/-
6. Fine for late payment.	Rs. 10/-
TOTAL	Rs. 1520/-

Silver Jubilee
 October 23rd 2011
 Malaviya National Institute of Technology Jaipur

INTER COLLEGIATE FOOTBALL TOURNAMENT
 MALAVIYA REGIONAL ENGINEERING COLLEGE, JAIPUR

WELCOME FRESHIES





Malaviya Regional Engineering College, Jaipur
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1978-83



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Malaviya Regional Engineering College, Jaipur-302017
ELECTRICAL ENGINEERING DEPARTMENT
W. E. B.

FINAL B. E. (ELECTRICAL) STUDENTS 1978-83 BATCH



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
Jaipur

NEW BOYS HOSTEL

SITE: 1003 Rooms (Ground + 6 Floors)

CAPACITY: Rs. 34.50 Crores

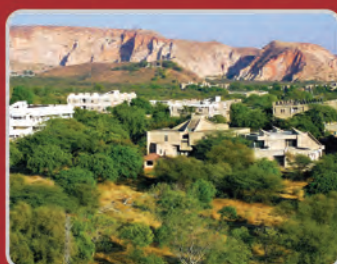
ESTIMATED COST: April 2009

WORK STARTED: 14 Months (June 2010)

COMPLETION TIME: M/s Ramky Infrastructure Ltd, Hyderabad

CONTRACTOR: Phone: 0141-2529169, 040-23310091

AGENCY: ESTATE, MINT JAIPUR
Phone: 0141-2713406



GOLDEN JUBILEE CELEBRATIONS (EVENTS AT A GLANCE)

(September 1, 2012 - August 22, 2013)

Date	Event	Co ordinator
26 August	Mini Marathon	Dr. Virender Birjaniya
01 September	Inaugural Day	Prof. S. L. Soni
1-2 September	All India Seminar on " Production Engineering Division, Web based manufacturing"	Dr. G. S. Dangayach
1-5 September	Short-Term Course on Recent Advances in Signal Processing & Communication	Dr. K.K. Sharma
3-9 September	Faculty development Program on "Numerical and Computational Techniques in Engineering"	Dr. Sandeep Choudhary Dr. Sanjay Bhatler Dr. Mahendra Chaudhary
10-14 September	Short Term Course on "Machine Intelligence"	Dr. Vijay Laxmi Dr. Namita Mittal
12-13 September	Two Days Workshop on "Idea to Execution"	Department of Management Studies
13-14 September	National Workshop on "Steel Technology and Steel Forum Meet"	Prof. M. K. Banerjee Dr. Vinod Kumar
13-27 September	Hindi Pakhwara	Dr. Kanupriya Dr. R. K. Vyas Dr. K. Singh Dr. Jyoti Joshi Mr. Sushant Upadhyaya Mr. Anshu Saxena Mr. Deep Singh
16 September	'World Ozone Day' at MNIT Jaipur	Dr. Jyotirmay Mathur Dr. Sumit Khandelwal
22 September	Round Table Discussion on 'Promoting green and energy efficient buildings in Rajasthan'	Dr. Jyotirmay Mathur
22-23 September	All India Seminar on " Current Challenges in civil Aviation"	Er. Arun Kumar Singh
28-29 September	National Workshop on "Process Modifications for Green Technology and Energy Integration"	Dr. S. K. Jana Dr. Manish Vashishtha
30 September	Launch Program of TiE International Business Plan Competition (TIBPC)	ED Cell
02 October	Talk Show Gandhi vs Youngistan	Prof. S. L. Soni
05 October	Workshop on "Surface Coating Techniques"	Dr. Upendra Pandel Dr. R. K. Duchania
5-6 October	A National workshop on "Repair and Rehabilitation of Structures"	Dr. Vinay Agrawal Mr. Rajesh Gupta Dr. A. K. Vyas
6 - 7 October	Nanotechnology Seminar	Prof. A. K. Rajvanshi
07 October	Freshers Day	Dr. Kanupriya Sachdeva
09 October	Award Ceremony of Swami Sivananda Memorial Scholarship and Invited Lecture on "Ethical Living" by Swami Padmanabhananda	Dr. M. L. Mittal Prof. M. S. Gaur
14 October	Performance by Shri Shovana Narayan (Kathak dance exponent, Padamshree& Sangeetnatak Academy Awardee)	Dr. Kanupriya Sachdeva

Date	Event	Co ordinator
15 October	Work Shop on "Surface Coating Techniques"	Mr. R. K. Duchaniya
15-19 October	A CDP (Community Development Programme) on "Working Knowledge of AutoCAD"	Dr. H. S. Mali
17 - 21 October	AIAMBT	Dr. Pawan Kalla Mr. Virender Birjania
22 - 26 October	Short Term Course on Recent Advances in Pollution Prevention Technologies in Process Industries	Dr. Manish Vashishtha Dr. S.K. Jana
25 October	5th International Conference on "Security of Information and Networks"- SIN 2012	Prof. M. S. Gaur Dr. Vijay Laxmi
29-30 October	National Conference on "Recent Development in Wireless and Optical Technologies"	Dr. Ghanshyam Singh
29 Oct. - 3 Nov.	Short Term Course on "Mathematical Methods and its Applications in Engineering and Sciences"	Dr. Santosh Choudhary Dr. Nilama Gupta
1-2 November	3rd National Conference on Power Electronics & Intelligent Control (NCPEIC-2012).	Prof. R.A. Gupta Dr. H. P. Tiwari
2-4 November	Neuron12	Dr. R. K. Choudhary Dr. Gunjan Soni
04 November	7th Convocation	Institute
09 November	Management Conclave 2012	Prof. APS Rathore Dr. Awadesh Bhardwaj Dr. Satish Kumar
09 November	Workshop on "Advances in embedded Systems, Design & Verification"	Dr. Vinit Sahula
20-21 November	National Training Workshop on "Environmental Impact Assessment"	Dr. Sanjay Mathur Dr. Urmila Brighu
21 November	Performance by Pt. Vishwa Mohan Bhatt, creator of Mohan Veena	Dr. Kanupriya Sachdeva
23 November	Open House with Metallurgical Professionals	Prof. Upendra Pandel Prof. P. R. Soni
23-25 November	Short Term Training Program on "Urban Roads and Transportation Projects " for RUIDP Engineers	Dr. Mahesh K. Jat Dr. Pawan Kalla
09 November	South Asian Band festival	MNIT & ICCR
10-11 December	Training program on "Planning and Implementation of Solar PV Plants"	Dr. Jyotirmay Mathur
10-12 December	International workshop "Chemistry for a sustainable future"	
12-13 December	National Workshop on Applications of CHEMCAD Software	Dr. K. Singh Dr. M. Agrawal Mr. Sushanta Upadhaya Mr. Rajeev Dohare
13 - 17 December	Training Program for DWDSC Engineers	Dr. Mahesh K. Jat
14-16 December	Faculty Induction Program	Prof. Ashok Sharma
17 - 21 December	Short Term Training Programme on "Six Sigma: Basics and Applications"	Prof. Rakesh Jain Dr. Gunjan Soni
18 December	Workshop on "Scanning and Transmission Electron Microscopy: Sample Preparation & Studies"	Dr. Vinod Kumar

GOLDEN JUBILEE CELEBRATIONS (EVENTS AT A GLANCE)

Date	Event	Co ordinator
20 December	Release of Civil department News Letter	Dr. Mahesh K. Jat Dr. Sandeep Srivastava
20-22 December	National Conference on Water Quality Management	Dr. A. B. Gupta Dr. S. P. Chourasia
21 - 22 December	IBPSA-India Convention and Conference on Simulation for Building Energy Efficiency and Better Built Environment	CEE
24 - 28 December	STTP on Computer Aided Strength of Materials and Analysis & Design of Machine & Structural Elements	Dr. Harlal Singh Mali
25 December	Silver Jubilee Felicitation Function	Dr. K R Niazi
26-28 December	National Conference on Sustainable cities in Arid region: Planning Design and Management.	Ar. Kalpana Pandit Ar. Satish Pipralia
12-13 January	Athletic Meet	Dr. S.D. Bharti Mr. Subir Debnath
18-19 January	International Conference on "Empowering the English Language Classroom"	Dr. Preeti Bhat Mrs. Nanny Tripathi
25 January	Panel Discussion - Creativity & Challenges"	Dr. Nupur Tandon
28 - 30 January	International Conference on Communication and Electronics System Design	Dr. Vijay Janyani Dr. K.K. Sharma
4-5 February	27th Institution of Engineers National Convention	
6-8 February	International Conference on Alternative Fuels for IC Engines	Dr. Dilip Sharma
11 February	Visit by US Universities delegates	Dr. M.K. Shrimali
18-22 February	Short-Term Course on "Communication @ Workplace"	Dr. Nupur Tandon
21-22 February	International Conference on "Water Desalination, Treatment and Management"	Dr. R. K. Vyas Prof. A. B. Gupta
22 February	National Seminar on "Metallurgical Problems in Power Projects in India"	Prof. Ashok Sharma
22-23 February	An All India Seminar (AIS) on "Pollution Prevention through Development of Bio Based"	Dr. Manish Vashishtha Dr. Suja George
22-24 February	MNIT Sports Tournament	Dr. Pawan Kalla Mr. Virender Birjania
23-24 February	International Seminar on "Economically and socially efficient Network pricing for smarter distribution grids"	Dr. Rohit Bhakar
24 February	National Seminar on "Advanced Materials Technology"	MNIT Jaipur
24 February	Workshop on Advanced Material and Characterization	
28 February	National Science Day Program	Physics Department
28 Feb. - 3 March	Blitzschlag	Dr. Kanupriya Sachdeva
28 Feb. - 5 March	MOMENTS'12 (A National level photo competition cum exhibition)	Mr. R. K. Duchaniya Mr. Mahesh Swami
7-9 March	TICE	Dr. B.L. Swami
7-11 March	Short term Training Program "Operation and Control of Modern Power System"	Prof. K. R. Niazi Dr. Nikhil Gupta Dr. Anil Swarnkar
8-9 March	National Conference on Manufacturing & Logistics Management	Dr. M. L. Mittal Dr. A. K. Bhardwaj

Date	Event	Co ordinator
14 March	Lecture by Prof. I.K. Bhat	Students of MNIT
17-23 March	Staff Development Program	Dr. Nikhil Gupta Dr. Anil Swarnkar
20-24 March	Short Term Training Program on "Optimization Technique on Engineering Design"	Dr. Himanshu Choudhary Dr. Amit Singh
22-23 March	National workshop on Ion Beams in Materials Research (IBMR 2013)	Dr. Kanupriya Sachdeva Dr. R. Singhal Dr. K. Awasthi
23 March	Opening of Indian Institution of Industrial Engineering Jaipur Chapter at MNIT Jaipur	Prof. Rakesh Jain
4-5 April	Workshop on Advanced Java	MNIT Jaipur
05 April	Road Show	Dr. G D Agrawal
30 April	Brainstorming workshop on 'Science, Technology and Innovation Policy 2013-Implementation'	MNIT Jaipur
4-5 May	28th National Convention of Production Engineers & National Seminar on "Advancements in Production & Operations management"	Dr. G. S. Dangayach
13-17 May	Short Term Course on "Pattern Recognition Techniques"	Dr. Mushtaq Ahmed Dr. Neeta Nain
13-17 May	A five day "Computer Awareness" program for the non teaching staff	Dr. Mushtaq Ahmed Dr. Neeta Nain
18 May	International Conference on Management and Business Innovation 2013 (ICOMBI2013)	Prof. APS Rathore Dr. A Bhardwaj Dr. Monica Sharma
30 May	A workshop on "Technology Management: Opportunities & Challenges"	Dr. A Bharadwaj Dr. Monica Sharma Dr. Satish Kumar
3-7 June	Short Term Training Programme (STTP)	MNIT Jaipur
27-30 July	International Symposium on "VLSI Design and Test"	Prof. M.S. Gaur Dr. Vijay Laxmi Dr. D. Boolchandani Mr. Lava Bhargava
2-3 August	Personality Development Workshop	Ms. Nanny Tripathi Dr. Dipti Sharma
7-8 August	Workshop on "Vision and contribution of Mahamana Pt. Madam Mohan Malaviya"	Dr. Jyoti Joshi
12 August	Workshop on "Advances in Geotechnical Engineering for Infrastructure Development"	Prof. Sudhir Kumar Dr. S.K. Tiwari
12 August	Short Term course on Frontier Materials.	Physics Department
16-17 August	National Workshop on Modern Approaches to English Language Teaching	Dr. Preeti Bhatt Mrs. Nanny Tripathi
1st week of every month	Metallurgy and Material Awareness Among the Science Students Curriculum Development Workshop	Prof. C.P. Sharma Prof. A.K. Bhargava
22 August	Closing Ceremony	Prof. S.L. Soni

Inaugural Ceremony

Inaugural Day – September 01, 2012

The Malaviya National Institute of Technology, Jaipur achieved yet another milestone on 1st September 2012 with the advent of a new phase as it entered the 50th year of its existence. The mood was joyous and the institute reverberated with the coming milestone. The entire week was marked by the Golden Jubilee fervor. The celebrations began and the wheel of time was left to roll and unveil the fiftieth year, the Golden Year...

The Golden Jubilee Inaugural Ceremony was an exemplary event graced by the august presence of Honourable Chief Guest Sh. Kapil Sibal, Minister of Communications and Information Technology and Law and Justice, Government of India and Guest of Honour Sh. Hari Gautam, Ex- Chairman, University Grants Commission. A Souvenir & Golden Jubilee - Calendar of Events was released by the dignitaries to mark



the occasion. Various cultural performances showcasing the myriad hues of the culture of Rajasthan added pomp and brilliance to the ceremony. The inaugural address by the Chief Guest Sh. Kapil Sibal was the focal point of the ceremony. His words not only enthused all those present but also made us realize the responsibility bestowed upon MNIT being an Institute of national stature. He began his speech by acknowledging the previous Directors and Principals of

the Institute who gave MNIT a strong foundation, the result of which is that MNIT is already in close competition with the IITs. He stressed upon the contribution of technology in the growth of the Institute and the role of the students and alumni in the growth of the nation as they are the future of India. In the end he applauded the services rendered by the Institute to the nation and extended his best wishes for many more years of purposeful ventures.

The Inaugural Ceremony thus marked the formal beginning of the Golden Jubilee Year of MNIT in its truest sense.



Mini-Marathon August 26, 2012

A Mini-Marathon was organized by the Institute to announce the commencement of the Golden Jubilee Year of MNIT and to broadcast the event throughout Jaipur. Mr. Babulal Nagar, Former Dairy Minister, Rajasthan was the Chief Guest for the marathon and Mr. Preetam Tamboli, Director, Fortis Escorts Hospital, Jaipur was the Guest of Honour. A total of 1365 participants from MNIT registered for the marathon which included students, faculty members and their relatives. The event also spread the message of "Go Green" amongst the common masses.



Annual Athletics Meet

MNIT Annual Athletic Meet was organized on 12th Jan - 13th Jan 2013 and aims at finding new talents and embeds qualities of true sportsmanship and team work. The meet was expected to witness exciting competition and huge participation in events like 100 m, 200 m, 400 m, 800 m, 1500 m, 5000 m, broad jump, triple jump, high jump, shot put, discus throw, hammer throw, javelin throw and relays. These events are followed by the participation of staff in events like 100 m, 400 m and tug of war in various age categories.

Olympian Gopal Saini was the Chief Guest of the inaugural ceremony along with Guest of Honour - Col. Raghu Srinivasan (Colonel, Engineer's Regiment, Indian Army) and Special Guest - Sh. Brighu Srinivasan (IG Police, Odisha Sector, Bhubaneswar).

The event witnessed 2 days of absorbing sporting action where 10 departments and more than 800 participants battle it out for the Athletic championship trophy. The

January 11-12, 2013



event concluded on 13th Jan 2013 with the distribution of prizes of various annual events held throughout the session. In the closing ceremony, Chief Guest - alumni IAS Vikas Gupta (Chief Vigilance Comm., Panchkula) and Ms. Surabhi Mishra (International Squash Player) gave away the prizes to the winners.

Prof. I. K. Bhat, Director, MNIT presided over the function. The organizing committee under the convenership of Dr. S. D Bharti and Dr. Subir Debnath, Sports Officer (organizing secretary) worked day and night for the successful organization of the event.



neuron'12

Annual National Level Tech Fest

(November 02 - 04, 2012)

Raniwala, Physicist - A Large Ion Collider Experiment (ALICE), Mr. N K Chaudhary, CMD Jaipur Rugs and Mr. Mahavir Pratap Sharma, Director and Co-founder at RAIN (Rajasthan Angel Innovators Network) and Board of Trustee TiE Global.

Apart from all the technical spectacle, NEURON'12 also had recreational nights which included performance by the 'Raeth Band', Hand Shadowgraphy by Amar-Sabyasachi and a Kavi-Sammelan with performance by acclaimed poets like Arun Gemini, Ras Bihari Gaur, Ramesh Muskan and Suresh Albela. NEURON'12 was carried out with full enthusiasm and excitement and was a grand success.

The Annual National Level Tech Fest of MNIT, NEURON'12, organized with the aim of inculcating technical knowledge among budding engineers, revolved around the theme of 4R's of Reduce, Reuse, Recycle and the newly added Re-Envision or Re-Think.

The festival was inaugurated by Mr. Anoop Bartaria, CMD, World Trade Park and Prof. I. K. Bhat, Director, MNIT Jaipur. The opening night had a 3D Air Laser Show Display.

The event witnessed 3 days full of events and recreation included interactive lectures by influential personalities, management and literary events which paved the way to test students' vision apart from technical skills. The fest saw a participation of over 5,000 students from the best Institutes of India in more than 50 events spread over 11 segments with a prize money of more than INR 4 Lakhs. The segments comprised of wide fields like Robotics, Electronics/Electrical, Computer, Mechanical, Civil, Chemical, Architecture, Management, Social Initiative events, Literary, Fun Events, Online Events, and Quizzes etc.

Workshops on Mobile Phone Controlled & Autonomous Robots Using AVR, Android Application Development Workshop for Mobiles, 3D Animation, Cyber Forensics & Ethical Hacking and Surface Computing brought one face to face with state of the art technologies while providing valuable experience under the guidance of renowned and expert professionals.

The lecture series featured six incredible speakers namely Dr. Sudhir



BLITZSCHLAG '13

(February 28, 2013 - March 3, 2013)

A utopia for budding engineers and students from different professional studies including architecture, Blitzschlag provides a cultural masquerade of great proportions and is the one of the biggest cultural festivals of India and already has great popularity among the youth. It was first started in 2005 and for the past seven years it has been outperforming itself each year in every field it ventures into.

Blitzschlag is the Annual Cultural Fest of Malaviya National Institute of Technology Jaipur which is organized by the Creative Arts and Cultural Society of the Institute. From interactive workshops of the day to scintillating Grand Nights, Blitzschlag '13 lasted for four days from February 28 to March 3. Following the theme of "Pirates", the event created a thorough ambience in the campus. Some of the major attractions of the event were the first ever Film Festival of MNIT, the inspiring Talk Show on India v/s Bharat, showcase of some photographic masterpieces in Moments, the competition of some gifted singers in Taal, the battle of Computer Freaks in Labyrinth, the

incredible Bike Stunts & the trendy Blitz Persona. Ramba Samba, the dance competition commenced the megafest in style followed by the entertaining performance by Nitin Gupta (Rivaldo) on the next night. The third day was for the fashion enthusiasts as Panache set the stage on fire with Miss Asia Pacific 2012, Himangini Singh Yadu in the spotlight. The last day had an enthusiastic

gathering in the central lawn which danced on the thump of DJ Night and then chanted with the famous Bollywood Singer, Gajendra Verma. From loud ear deafening music to flashy halogens it had everyone to satiate the platter for everyone. The whole ambience was set in a mood of extravagant celebrations. MNIT, hence, folded up the cultural delight leaving the Pink City spellbound.



All India Advani Memorial Basketball Tournament

(October 17-21, 2012)



Basketball teams flocking in the campus. Eminent national level players like Amjyot Singh Gill, Vishesh Brighuvanshi, Poonam and Mary Josh played with great ardor and created perfect ambience. Many National Level teams like ONGC, IOB, Punjab State, RCF, Bhilai Steel Plant, and South Railway conglomerated, adding national level spark.

The five day event witnessed some interesting matches among men and women. The unremitting hooting, exhilarating dedication and the indefatigable energy turned the mega event into a gala fest with the success touching its zenith.

The show stealer of the whole event was on its final closing day, when Ms. Chanda Kochar, CEO, ICICI Bank, the daughter of Prof. R.M. Advani agreed to spare some time from her busy schedule and walked in. The male winners were given a

This was one among the most special moments of the Golden Jubilee year. Rooted back to its advent in 1975, this event was organized by the students as a tribute in the loving memory of late Prof. R.M. Advani, the then MREC director. He was a great educationist, a sports enthusiast and a versatile visionary. Its revival after a long hiatus invoked many overwhelming memories in the alumni, they found themselves profoundly connected with the event and contributed profusely.

Mrs. Bina Kak, Hon'ble Minister for Tourism & Forest, Govt. of Rajasthan, was the Patron-in-Chief; Shri Harish Meena, DGP, Rajasthan, Shri Ashok Sampatram, Add. Chief Secretary Rajasthan, Shri Jasdev Singh, Padma Bhushna Awardee, eminent Broadcaster & Journalist and Smt. Roopam Sharma were the Patrons.

Prof. Dr. I. K. Bhat, Director MNIT graced as the Chairman and Prof. M. S. Gaur, the then Dean Student Welfare was the Vice-Chairman of the whole event.

The tournament manifested an inundation of several National Level



ent (AIAMBT'16)



cash prize of Rs. 2 lakhs for the men and Rs. 1 lakh to the runner up while women were awarded Rs. 1 lakh and fifty thousand respectively. The Valedictory Session was presided over by Director, Prof. I. K. Bhat with his wise and sagacious words. This was more than just an event because for the first time the alumni shared the stage with the students to unveil a spectacular event.



Satvik Veena by Pt. Salil Bhatt

(January 18, 2013)

Every nook and corner of the Mini Auditorium was deluged by the melodious sound of the SatvikVeena when the fingers of this great virtuoso strummed the strings of the SatvikVeena. The whole world came to a standstill. It was a memorable evening and the audience was spell bound as Pt. Salil Bhatt enthralled them with the notes of the Indian Classical Ragas and mesmerising composition on the SatvikVeena.



Talk Show on "Gandhi vs Youngistan"

(October 1, 2012)



A talk show on Gandhi vs Youngistan was held focussing on the relevance of "GANDHIAN" philosophy among today's Indian youth. The debate continued for more than three hours where the crowd got thoroughly involved in the discussion looking for answers to various questions.

The gathering was graced by the benign presence of various learned people. Eminent personalities among them were Dr. Bindeshwar Pathak (social reformer) and Mr. Rajit Kapoor (film actor).

“Transport Infrastructure Congre

A National level event was organized as an endeavour of the INDIAN ROAD CONGRESS and Malaviya National Institute of Technology Jaipur from March 7, 2013 to March 9, 2013 at MNIT Jaipur. Approximately 17000 distinguished academicians, engineers, scientists, researchers, officials of GOI/ GOR/ Govt. officials of other states/ IRC/NHAI/NRRDA/MORTH/ IITs/NITs/ Engineering Colleges/ PWD/ Metro etc., exhibitors of different companies and organizations, students of various engineering colleges and their parents attended the event during three days. Following events were included in **TICE-2013:**

1. Two day National Workshop/ Conference.
2. Three day Technical Exhibition on Transportation technologies and materials.
3. Student Research Model Exhibition/ Competition.
4. Three day Career Counselling Session over job opportunities in Transport Sector/ Engineering.

The Inaugural Ceremony of TICE-2013 was held on March 7, 2013 and the Chief Guest was

Shri Shanti Dhariwal, former Minister of Urban Development, Housing and Local Self Government, Government of Rajasthan. Shri Gajendra Haldea, Advisor to DCH (Infrastructure) Planning Commission, Govt. of India and Shri G. S. Sandhu, Additional Chief Secretary, UIDH and LSG, Government of Rajasthan were the Guest of Honour. Prof. K. K. Aggarwal, Chairman, BoG, MNIT

and Highways should be the priority of Rajasthan Government. Shri Gajendra Haldea, Advisor to DCH (Infrastructure) Planning Commission deliberated the Planning and Economic aspects of Transport Infrastructure and Govt. of India's priorities. The other speakers included Shri G. S. Sandhu, Prof. K. K. Aggarwal, Prof. I. K. Bhat and Prof. B. L. Swami.

Technical Exhibition: The

Technical Exhibition was organized from 7th March - 9th March 2013 as a part of TICE-2013 at MNIT Campus. More than 50 Companies, Consultants, Govt. Departments, Equipment manufacturers participated in the event. Larsen & Turbo (L & T DL), Reliance Industries Ltd,



Jaipur presided the function. Prof. B. L. Swami was the Convenor of TICE-2013. Prof. I. K. Bhat, Director MNIT was Co-patron.

Chief Guest Shri Shanti Dhariwal stressed upon the requirement of collaboration of academicians and field engineers to bring out innovative solutions in transport infrastructure. He also expressed that the development of transport infrastructure especially Metro, BRTS

Aarvee Associates, Airports Authority of India, Zydex Industries, AIMIL India Ltd., CEG Jaipur, Hindustan Colas Ltd., Shalimar Paints & Tar, Opal Paints Products Pvt. Ltd. etc. were the star attraction. The Technical Exhibition was inaugurated by Prof K. K. Aggarwal, Chairman, Board of Governor, MNIT Jaipur on 7th March.

Career Counselling: Job opportunities were offered to the students of Civil Engg. Career

Business and Expo -2013 (TICE-2013)"

(March 7-9, 2013)



Counselling Sessions were organised by HR Experts of Companies such as L&T, CEG Jaipur, Hindustan Colas Ltd, Zydex Industries and Jaipur Metro for Civil Engg. Around 270

students were shortlisted by various companies during 3 day Job fair as a part of TICE-2013 at MNIT Jaipur from 7th March -9th March 2013.

Student Research Model/Poster

Exhibition & Competition

MNIT started an innovative Concept to exhibit Student Research Model on the theme of Transport Infrastructure from various Institutes of the Country like PEC Chandigarh, BMS College of Engineering Bangalore, Orissa College of Engineering Bhuvneshwar, NIT Surat, LD College of Engineering Ahmedabad, Ayojan College of Architecture Jaipur, MNIT Jaipur, Poornima College of Engineering Jaipur etc. Prizes were given by IRC Secretary General Sh. Vishnu Shankar Prasad & Prof. I. K. Bhat, Director MNIT Jaipur to Best Three Models in Three Categories of (I) Architecture (II) Civil Engineering (III) Electronics Engineering.

MNIT Sports Tournament (MST)

(February 22-24, 2013)

MNIT Sports Tournament (MST), the annual sports fest of MNIT, Jaipur holds a pivotal place in the curriculum for the overall development of students. Begun in 2007, the 7th MST witnessed a large flock of players along with their coaches from different parts of the country. The overall environment of MST was drenched in the spirit of sports and excellence.

Badminton, Chess, Basketball, Volleyball, Football, Bodybuilding, Weightlifting and Power lifting were among few of the games which saw an overwhelming involvement and participation from the spectators and

participants alike. With the sports activity going from dusk to dawn, it provided a plethora of opportunities for all sports enthusiasts to demonstrate their skills and prowess.

MST reflects the true spirit of sportsmanship, patience,

perseverance, excellence, willpower and confidence. It truly exhibited the rudimentary trait of sports i.e. to never give up. The indefatigable energy and the tenacious efforts put in, made it an event really to ponder upon. The efforts put in by students and faculty alike made it a grand success.



शांत समारोह
लाई, 2013



EIGHTH CONVOCATION

10th JULY, 2013

मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर
MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR



7th Convocation

MNIT witnessed its 7th Convocation held for the 2011-2012 batch on November 4, 2012. The event was graced by Shri G. Madhavan Nair, former Chairman of Indian Space Research Organization (ISRO) present President International Academy of Aeronautics (IAA) as the Chief Guest, Prof. Sanjay Govind Dhande, Director, IIT Kanpur as the Guest of Honor. Prof. K. K. Aggarwal, Chairman, Board of Governors, MNIT Jaipur and Prof. I. K. Bhat, Director, MNIT Jaipur graced the event. The Chief Guest, Shri G. Madhavan Nair spoke with zeal about India and its legacy. He added that he had a penchant for Rajasthan, its heritage, culture, art, history, tradition and sciences. He reminded the students

Convocation

about their responsibility towards the nation. Thereafter, the esteemed Chief Guest gave away the Ph.D. and MBA degrees, the Guest of Honor awarded M.Sc recipients, the Chairman graced the M.Tech and M.Plan awards which was then followed by the B.Tech and B.Arch awards. The event culminated in the oath-taking ceremony in which the recipients pledged to adhere to the path of righteousness and commitment

and also to uphold the dignity and integrity of the profession while utilizing the knowledge for the glory of Institute and for the service of the Nation and Community.

8th Convocation

Malaviya National Institute of Technology Jaipur held its 8th Convocation on 10th July, 2013 which was presided over by His Excellency, Shri Pranab Mukherjee, the President of India. Among the other



culminated both with the National Anthem. Prof. Dr. I. K. Bhat, Director, MNIT Jaipur presented the welcome address and a report about the current status of the Institute. He spoke about the research and development activities taking place, the enhancement and upgradation of the laboratories and Centers of Excellence, about National and International Collaborations with various Institutes and organizations round the country and world alike. The degrees & medals were then presented to the students by His

Excellency, Shri Pranab Mukherjee, the President of India; Smt. Margaret Alwa, Governor of Rajasthan and Shri Ashok Gehlot, Chief Minister of Rajasthan. A total of 953 awards were given which consisted of 25 degrees to B. Arch, 640 to B. Tech, 204 to M. Tech, 6 to M. Planning, 33 to M. Sc, 27 to MBA and 18 to Ph. D holders. The day marked a new chapter in the life of graduating students as they now break free of their cocooned existence and emerge into the world with glittering wings, hope in their hearts, and zeal in their eyes to fulfil promises.

distinguished invitees were Smt. Margaret Alwa, Governor of Rajasthan as the Guest of Honor; Shri Ashok Gehlot, the then Chief Minister of Rajasthan as the Special Guest along with Prof. K. K. Aggarwal, Chairman, Board of Governors and Prof. I. K. Bhat, Director, MNIT Jaipur. It was indeed a moment of great pride for the MNIT fraternity. The Convocation was an hour long ceremony which started and



Golden Jubilee Closing Ceremony

August 22, 2013



22nd August, 2013 marked the completion of 50 years of MNIT, Jaipur during which it gained enviable stature of excellence. The Institute has grown by leaps and bounds all through the years. It is a time to celebrate, to introspect, to consolidate and to plan for the future.

The Golden Jubilee Closing Ceremony was graced by the resplendent presence of Dr. Farooq Abdullah, Honourable Minister for New and Renewable Energy, Govt. of India as the Chief Guest. Earlier during the day, Dr. Abdullah inaugurated the photography

exhibition that showcased the accomplishments of the Institute and then, the Solar Steam Cooking system at the Girls' hostel. He then, with his characteristic warmth, charmed his way into the hearts of all present with his sincere speech and later, set the stage on fire with his impromptu performance.

The breathtaking performances by ICCR added pomp and colour to the ceremony.

The Mohan Veena maestro Pandit Vishwamohan Bhatt and winner of the Grammy Award and a Padmashree Awardee, accompanied with

renowned Tabla artist Shri Prithviraj Mishra captivated the audience with their mellifluous performance. The cultural extravaganza was folded up by the energising dance and college rock band performance leaving the Pink City spellbound. The successful culmination of Golden Jubilee Celebrations owing to the vision, guidance, detailed and meticulous planning and support of Director, academic and administrative staff and the students helped in making this event a grand success.

Vivekananda Lecture Hall Complex

One of the main aims of MNIT is to provide the best teaching environment to the students and teachers alike. The Institute has ventured to realize this aim by the development of the Integrated Lecture Theatre Complex of over 50 lecture rooms. The lecture theatre complex, called Vivekananda, will facilitate and enhance the state of class room teaching with each room being equipped with most modern teaching aids. This lecture hall complex will have the capacity to accommodate approximately 6600 students at a time. This will be the biggest lecture theatre complex in India and is expected to be functional by March 2014.



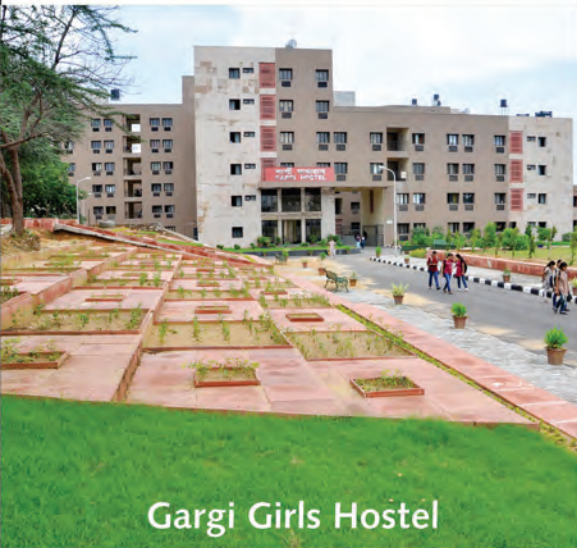
Central Computer Centre and Digital Library

MNIT is establishing a state of art Computer Centre and Digital Library which will be one of the biggest in the state of Rajasthan. Achieving a 24x7 resource functionality and availability is the motto of this expansion plan. It will provide more than 1000 workstations for the students to tease their young minds in the fields of training and research. The existing Central Computer Centre will be centralized and extended to accommodate over 1000 intelligent units which will serve as resources to cater to the needs of over 5000 students, faculty and staff personnel. Computational resources and services will always be made available to all through a stable and wide spread campus wide network. The construction work for this began in the Golden Jubilee year.



Solar Steam cooking

As part of the Institute's commitment to sustainable development, order for installation of 300 KW Rooftop Solar Photovoltaic System and one solar steam cooking system for Girl's hostel have been placed as pilot projects. It was inaugurated by Dr. Farooq Abdullah.



Gargi Girls Hostel

Hostels

As the number of out station students at MNIT is ever increasing, more accommodation facilities are needed for proper management. Very recently, two new hostels were constructed at MNIT to meet the requirement. Aurobindo, the men's hostel, has a capacity to house 990 students in the 8 storey high building. Gargi, the girls' hostel, is equally well equipped. Both the hostels have the facility of elevators. Two more new hostel blocks are being planned.



Aurobindo Boys Hostel

Research projects & development

Success is never a solitary phenomenon. A glimpse of the bright future of MNIT, Jaipur is clearly visible through the fact that many renowned universities and research centers have collaborated and 25 new R&D Projects accounting to a total of over Rs. 10.5 Crore have been granted to the Institute in the last one year. Various prestigious institutions and organizations such as SAIL, DIT, DST, Dept. of Atomic Energy, Central Power Research Institute, US-Dept. of Energy, British council have granted funds for research projects which encompass the thrust areas like Nanotechnology, Disaster management, Environment conservation, Renewable Energy, Climate change, Communication systems and Security, Composite materials, Productivity etc.

The Institute has been granted Phase-2 of the World Bank sponsored TEQIP for four years with an outlay of Rs. 12.5 Crores which will facilitate R&D and three sponsored chair professor positions namely Steel Chair by Ministry of Steel, Govt. of India, C-DOS Chair by Govt. of Rajasthan and IAAD Chair by Infrastructure Leasing and Finance Service Limited have also been created at the Institute.



Prefabricated structure

New laboratories and classroom space of 4000 sq.m. area have already been added in past one year by making use of pre-engineered structure technology.

New Administrative Building at MNIT Jaipur

To enhance the coordination and the functioning of the academic departments at MNIT, a new Administrative building is proposed. The building will be only one of its kinds and will provide dedicated floors to the various branches of Engineering, Architecture, Sciences and Management to meet the present and future demands. Needless to say this building shall be an icon and would accommodate all the Departments, including faculty rooms, laboratories, Computer Center, Library, administrative offices, Board rooms etc.



Materials Research Centre

In order to augment the infrastructure for advanced research and to attain excellence in innovative research in materials technology, a centre of excellence, Materials Research Centre has been created under the able support and guidance of the competent authority.

The Materials Research Centre (MRC) aims to harness the talent resources of MNIT for promoting interdisciplinary researches in appropriate material technologies. Besides catering to the research needs of the Institutional faculties, the state of the art research facilities of the Materials Research Centre will also be extended to the scientists and researchers of other Institutes.

Faculty members from Metallurgical & Materials Engineering, Electronics & Communication Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Physics and Chemistry Departments have been participating in the activities of the centre. Equipments of about 15 crores have been procured in the first phase and the Centre will be functional in a very short time.

DEVELOPMENTS

Extension of the VIP Guest House

Keeping up with the Indian tradition of 'Athithi Devo Bhava', MNIT makes sure that all its visitors and guests feel at home. To facilitate their stay, the Guest House has been beautified further and more rooms are being added to it. The work is in progress and the guest house will soon be ready in its more impressive version. To keep pace with the increase in number of faculty members at the Institute, construction work for 198 new flats has also started on the campus.



Laboratories and Centre of Excellence

To facilitate and enhance research environment at the Institute, infrastructure has been significantly enhanced. Most of the departments upgraded their laboratories with state of art equipments. The recently established Center for Materials has procured almost all the equipment needed for material characterization making this center unique in the country for advance level research and development. A Center for Excellence in Design has been established with state of art software that is being used by industry such as Hyperworks, Abacus, Inventor, AutoCAD Master Suit etc. More than 30 groups of students got an opportunity to work on live industrial projects through this center which is open round the clock and is one of the favourite places for students with a creative bent of mind. The newly started Center for Energy and Environment is already well recognised in the field of energy conservation and renewable energy. The Center is part of the prestigious Indo-US Partnership for Advancing Clean Energy research (PACER) project, in collaboration with leading research institutes in USA.



Convention Centre

With events of national and international stature being a regular feature at MNIT, the requirement of an auditorium to seat a large number of people was increasingly being felt. Catering to this need, a Convention Centre is being built on campus which shall include a major auditorium of 2000 capacity along with two other rooms, each of 500 seating capacity. The concepts and proposals have been finalized and work for the same is expected to begin soon.

Centre for Energy and Environment

The Centre for Energy and Environment was established to promote inter-disciplinary research and development in the field of energy and environment.

The Centre is presently housed in 400 sqm built up area and approximately 2000 sqm open area for field equipment such as weather stations, pyranometer, high temperature thermal imager, climatic chamber, etc. equipment and setups related to energy audit, photovoltaic trainer, solar water heating trainer, particle image visualization set up, radiant cooling system, earth air tunnel system, indoor air quality monitor, stack gas analyzer, thermal comfort monitor, 3-phase power analyzer; besides energy simulation lab, seminar room, and other basic facilities.

Procurement of more equipment such as thermal conductivity analyzer, ultrasonic flow meter, is under way.



The New Institute canteen was inaugurated by Prof. K. K. Aggarwal, Chairman, BoG, MNIT Jaipur on 22nd December, 2013.



MoU's and collaborations

The Institute has got actively involved with several prestigious organizations through MOU's such as Deakin University-Australia, Saskatchewan University-Canada, SAIL, CSIRCGCRI, Welspun Corporation, Jindal Steel, REIL, South Asian Forum for Energy Efficiency, IL&FS along with R&D collaboration with IIT Mandi, NIT Jalandhar, NIT Hamirpur, NITTR Chandigarh and many others.

MNIT Mauritius Campus

In another leap towards excellence, MNIT Jaipur has established its first international campus at Mauritius. Initially the campus will offer two branches - Electronics and Communication Engineering and Mechanical Engineering. The degree will be provided on the behalf of MNIT Jaipur. The campus has reserved 50% seats for the Indian students. MNIT Jaipur is the first amongst any NIT or IIT to have its campus abroad.

दैनिक भास्कर, जयपुर
दिनांक: 10 जनवरी 2014

इंजीनियरिंग @ मॉरिशस

एमएनआईटी का मॉरिशस में होगा नया कैंपस, भारतीय स्टूडेंट्स के लिए 50 प्रतिशत सीटें रिजर्व

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जयपुर : एनआईटीएन जयपुर की पहली बार दो परदेशों के लिए प्रमुखता से। जयपुर का मार्कोपोलो नगरपालिका के लिए एक नया कैंपस (एमएनआईटी) मॉरिशस में अपना केंद्र स्थापित करने का है। इसकी स्थापना अपने स्वयं के एकेडेमिक सेक्टर से हो सकती है। जेईई से नए भारतीय स्टूडेंट्स के लिए इसमें 50 प्रतिशत सीटें भी रिजर्व होंगी। एमएनआईटी अधिकाधिक के अनुसार, एमएनआईटी जयपुर कैंपस को इंटरनेशनल प्रोग्राम के लिए शुरू कर रहा है। इस एमएनआईटी मॉरिशस कैंपस नाम दिए गए हैं। मुंबई में इससे संबंधित एक सम्मेलन और मेडिकल कैंप के लिए एमएनआईटी जा रहा है। मॉरिशस में किताबें बनाने के लिए जेईई एमएनआईटी विदेश में इंटरनेशनल प्रोग्राम शुरू कर रही है।



4 से 5 लाख सालाना फीस

एनआईटीएन जयपुर के लिए 50 प्रतिशत सीटें रिजर्व होंगी। एमएनआईटी मॉरिशस में अपना केंद्र स्थापित करने का है। इसकी स्थापना अपने स्वयं के एकेडेमिक सेक्टर से हो सकती है। जेईई से नए भारतीय स्टूडेंट्स के लिए इसमें 50 प्रतिशत सीटें भी रिजर्व होंगी। एमएनआईटी अधिकाधिक के अनुसार, एमएनआईटी जयपुर कैंपस को इंटरनेशनल प्रोग्राम के लिए शुरू कर रहा है। इस एमएनआईटी मॉरिशस कैंपस नाम दिए गए हैं। मुंबई में इससे संबंधित एक सम्मेलन और मेडिकल कैंप के लिए एमएनआईटी जा रहा है। मॉरिशस में किताबें बनाने के लिए जेईई एमएनआईटी विदेश में इंटरनेशनल प्रोग्राम शुरू कर रही है।

एसे मिलेगा एडमिशन

जेईई की दो बार एडमिशन के लिए 50 प्रतिशत सीटें रिजर्व होंगी। एमएनआईटी मॉरिशस में अपना केंद्र स्थापित करने का है। इसकी स्थापना अपने स्वयं के एकेडेमिक सेक्टर से हो सकती है। जेईई से नए भारतीय स्टूडेंट्स के लिए इसमें 50 प्रतिशत सीटें भी रिजर्व होंगी। एमएनआईटी अधिकाधिक के अनुसार, एमएनआईटी जयपुर कैंपस को इंटरनेशनल प्रोग्राम के लिए शुरू कर रहा है। इस एमएनआईटी मॉरिशस कैंपस नाम दिए गए हैं। मुंबई में इससे संबंधित एक सम्मेलन और मेडिकल कैंप के लिए एमएनआईटी जा रहा है। मॉरिशस में किताबें बनाने के लिए जेईई एमएनआईटी विदेश में इंटरनेशनल प्रोग्राम शुरू कर रही है।

कैंप में पहली बार एनआईटी मॉरिशस कैंपस को इंटरनेशनल प्रोग्राम के लिए शुरू कर रहा है। इस एमएनआईटी मॉरिशस कैंपस नाम दिए गए हैं। मुंबई में इससे संबंधित एक सम्मेलन और मेडिकल कैंप के लिए एमएनआईटी जा रहा है। मॉरिशस में किताबें बनाने के लिए जेईई एमएनआईटी विदेश में इंटरनेशनल प्रोग्राम शुरू कर रही है।



ACADEMIC PROGRAMMES

Undergraduate Programmes :

MNIT Jaipur offers nine undergraduate programmes

- B.Arch (Architecture) (a five year degree programme)
- B.Tech (Civil Engineering)
- B.Tech (Chemical Engineering)
- B.Tech (Computer Engineering)
- B.Tech (Electrical Engineering)
- B.Tech (Electronics and Communication Engineering)
- B.Tech (Mechanical Engineering)
- B.Tech (Metallurgy and Material Science)

Postgraduate Programme :

MNIT offers following specialization in postgraduate programmes

- Master of Planning (Urban Planning) - Architecture
- Chemical Engg.
- Water Resource Engg. - Civil Engg.
- Environmental Engg. - Civil Engg.
- Transportation Engg. - Civil Engg.
- Computer Engg
- Power Systems - Electrical Engg.
- Electronics & Communication Engg
- VLSI Design - . Electronics & Communication Engg
- Manufacturing Systems Engg. - Mechanical Engg.
- Energy Engineering - Mechanical Engg.
- Industrial Metallurgy - Metallurgical & Materials Engg.
- Structural Engg.

Doctorate Programmes:

All departments including the department of Humanities & Social Science offer Full Time and Part Time doctorate (PhD) programme.

M.B.A. Programmes

- Management Studies.

M. Sc. Programmes

- Physics
- Chemistry
- Mathematics



Entrepreneurship Development Cell, MNIT



Established in 2002, ED Cell MNIT is a Non-Profit student organization, sponsored by the National Science and Technology Entrepreneurship Board (NSTEDB), Department of Science and Technology (DST), Govt. of India in Malaviya National Institute of Technology Jaipur. The ED Cell aims to spread entrepreneurship through education, research and training, thus accelerating economic growth by motivating new entrepreneurs and strengthening the performance of the existing ones. It is an Institutional mechanism for providing various

services including information to budding S&T entrepreneurs. The cell organizes various seminars, workshops and interactive sessions called E-Talks so as to mould young aspiring minds towards entrepreneurship. We are also planning to start an incubation centre in the near future.

Programmes that the cell has successfully hosted, since last year are: E-talk with Mr. Rajat Agarwal, Co-founder, Gravita International Ltd., Startup Saturday with HeadStart, Entrepreneurship Awareness Camp, Tie Business Plan Competition 2013, Entrepreneurship Awareness Drive with IIT-Kharagpur, online T-shirt design competition, and the list goes on.

This year it is being planned to come up with many interesting activities like soft-skills grooming

sessions, informal talk with industry professionals, idea generation workshop and internship portal for MNIT students as a doorway to startups.



TEQIP

MNIT Jaipur successfully completed the World bank assisted Technical Education Quality Improvement Programme (TEQIP-1) project in 2009, and has been selected for the second phase of TEQIP. The goal of the second phase known as TEQIP-2 is to scale-up Postgraduate Education and demand driven Research & Development and innovation. MNIT Jaipur has been allocated Rs. 12.5 crores under this project .

This fund will be utilized for improvement in teaching, training and learning facilities, providing teaching and research in existing and new Master and Doctoral programme in Engineering discipline, enhancement of R&D and Institutional Consultancy activities , faculty and staff development for improved competence, academic support for weak students. The duration of TEQIP-2 is for four years starting from April 2011.

National Service Scheme (NSS)

NSS is a society which aims at training the students in community service through participation in community projects, lectures, discussions, seminars, organized weekend camps as well as annual camps.



CACS (CREATIVE ARTS AND CULTURAL SOCIETY)

MNIT CACS provides a platform for students to explore their talent, enhance their leadership quality and teamwork. It encourages students to showcase their extra curricular abilities. Events are organized throughout the semesters and students are invited to participate in these events. MNIT Jaipur CACS is a multi-faceted group and consists of smaller societies such as:



ZINE

Zine is a creative group of engineering undergraduates of MNIT who work together to learn, improve and apply their technical skills to help foster the growth of society and India in

the field of technology by utilising their engineering skills to work on real time problems. Zine IC (Industrial Cell) is extension of ZINE, the technical group of Malaviya National Institute of Technology Jaipur. It is comprised of students from various disciplines working under guidance of Dr. Rajesh Kumar from Electrical Engineering Department and various alumni working in reputed firms and doing research in Universities in India and abroad. Presently the team has more than 30 students from Electrical Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Engineering. Zine Group carries the task of participation in Robotics events, technical fests of various National (IIT's & NIT's) and International Scale, the core research with publishing research



articles in reputed publications like IEEE journals etc. while the Zine IC carries the task of providing services to industry like consultancy related to automation through embedded system based solution for Micro, Small, Medium scale enterprises (MSME). Their specialization is in embedded system and optimization solutions. The technologies they have mastered includes 8051, PIC and AVR series controllers programming, circuit designing, circuit testing, circuit debugging, PCB design & development, PCB testing and Mechanical design & drafting and various simulation and analysis of structures. The group also focuses on Robotics, Artificial intelligence algorithm based solutions, image processing and MATLAB programming.





SPORTS

The Department of Sports at MNIT Jaipur is committed to provide outstanding instruction and educational opportunities for our students; discovering and disseminating new knowledge about physical activity, exercise, and human movement and its relationship with human health and disease; and providing outstanding service to students, staff and their family members.



BOSM'13



The BITS Open Sports fest or BOS'M is the annual sports fest of BITS, Pilani. MNIT Jaipur contingent with 80 students (39-Women and 41-Men) along with Dr. Subir Debnath, Sports Officer and Coach and Mr. Rajeev Goswami (Deptt. of Chemical Engineering), Manager went to BITS Pilani participate in the tournament. Constant motivation and support of Coach and faculty members boosted the morale of the

contingent team and helped them excel in their respective sport.

Team members of the Institute displayed a much disciplined and extraordinary performance in every sport. MNIT created history in the medal tally of achieving 41 medals (09-Gold, 19-Silver & 13-Bronze) and also stood second in overall position in the BOSM'13 meet.



SAE CLUB MNIT JAIPUR

Society of Automotive Engineers MNIT Jaipur, a collegiate chapter of SAE India, was established in January 2010 with the collective effort of a group of students with support of Dr. S.L. Soni and Dr. Dilip Sharma with a

strong urge to complement the theoretical knowledge imparted in the classroom and with emphasis on the practical aspects of engineering. Their idea to develop an automotive culture revolutionized the Institute and SAE MNIT Jaipur started with an initial strength of over 50 student members.

student of the Institute can be a participating member of such chapter. It provides a platform for students to share and increase their engineering know-how through increased interaction between students at all levels, group activity, lectures, workshops, brainstorming sessions and many Institute level competitions.



One of the most important qualities of SAE MNIT Jaipur is its diversity with students from almost all departments of the Institute. SAE nurtures a strong belief that each and every passionate

We hope that SAE MNIT Jaipur will act as a strong unifying force amongst Industry, Institute and above all students. team of 25 members took part in BAJA India 2013 and 3 teams of 10 members each took part in Efficycle 2013. The performance of all the students was commendable.



THE ENERGY CLUB MNIT JAIPUR

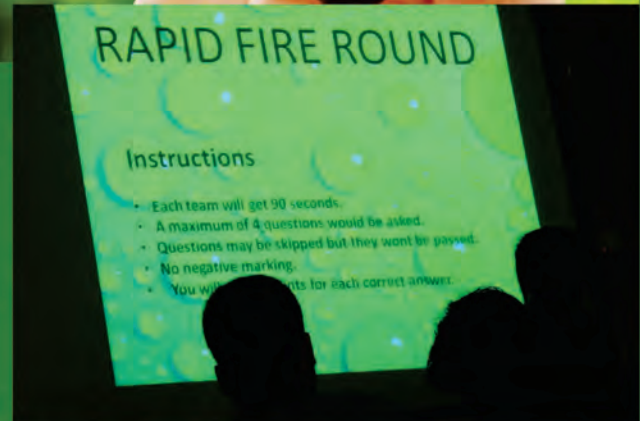
The Malaviya National Institute of Technology Jaipur is home to some of the brightest and most aware young technical minds of India. It was the need of a common platform for such students to come together and turn their concern into action, that led to formation of the Energy Club. A group of energy conscious students with the support of Dr. Ing. Jyotirmay Mathur, Head of the Department, Centre for Energy and Environment, have formed a formal Club that aims at creating energy awareness and combine the ideas and concern of students across the campus into tangible steps towards energy and sustainability.

The Club also encourages and supports innovative & sustainable projects in the field of Energy. Under

the aegis of the club, Energy Headlines, the technical newsletter of MNIT is published twice a semester.

Energy Headlines was started with the aim of acquainting MNIT students with the latest technological advancements in the field of Energy.

Sustainable Energy and Environment Quiz is also organized every year under the aegis of the Energy Club in which around 300 teams participate



from different colleges of India. The event is aimed at inculcating a sense of inquisitiveness among students towards environmental problems and Green Energy. The event is sponsored by REIL and ISHRAE.



This society of technological innovators supervised by Dr. Ghanshyam Singh, Assistant Professor, Electronics and Communication Department, provides an opportunity to students to express and implement their ideas and innovations in technical field. At the moment, it includes students from Electronics and Communication Engg. and Computer Sciences.

Currently students in ADAN are working on Android Applications for Aakash which mainly stresses on developing student learning applications. Other team members are also participating for OSA (Optical Society of America) which emphasizes on promoting common interests of investigators of optical problems, of designers and of users of optical apparatus of all kinds. It has 302 chapters worldwide and OSA student chapter of MNIT has been initialized by ADAN students. Apart from such projects they also learn and work in various computer languages like JAVA, PYTHON, JAVA SCRIPT, etc and simulation softwares like OPTIWAVE, LTSPICE, TINA TI, etc.

REFORM'N'ATION- A Challenge to lead India



MNIT Jaipur is not just about technical skills or opulent placements. Being a world leader in higher education, students of this prestigious Institution develop cognitive intelligence, emotional intelligence, spiritual intelligence and most importantly social intelligence.

Showcasing their skills and a strong will to contribute to the society, 60 bright students of MNIT Jaipur came together to form a social group - PANKH and participated in REFORM'N'ATION, an event organized by IIT Bombay.

Spanning a period of two months the group conducted 100 tasks including Medical camp in Rajeev Nagar, Awareness camps in the Institute , Cloth collection camp ,books and toys donation camp in Malviya Nagar, street play at Jawahar circle and

Gaurav Tower and received wide appreciation and encouragement from all sections of the society. The initiative started with an intent to win but with time metamorphosed with an intent to contribute. The whole Institute, from students to staff, dwelt into the mood of social empowerment. And to everyone's surprise, a seemingly difficult task turned out to be a blessing in disguise. They were one of the most

memorable moments for all those who were associated with it.

But this initiative will not have a substantial change in the society if this group of 60 students does not become a group of 600 and then the entire MNIT family.

Through this magazine, members of PANKH request all the interested alumnus/alumna to please come forward and support this noble initiative which will in turn bridge the gap between alumni and students.

“
Change will not come if we wait for some other person or some other time. We are the ones we have been waiting for. We are the change that we seek.”

BARACK OBAMA

Register with us -

Link-www.bit.ly/mnitjaipur

YRGS 2013

The 5th Asia and Pacific Young Researchers and Graduates Symposium on CURRENT CHALLENGES IN STRUCTURAL ENGINEERING

October 15-16, 2013, MNIT Jaipur, India.

The 5th Asia- Pacific Young Researchers and Graduates Symposium : Current Challenges in Structural Engineering (YRGS - 2013) was held at MNIT Jaipur on October 15-16, 2013. The series of the Asia and Pacific Young Researchers and Graduates Symposium (YRGS) was initiated to promote the young professionals from academics, research, and field practice and to facilitate knowledge sharing between Asia and Pacific countries.

A tremendous development of infrastructure is expected in the Asia-Pacific Region in the coming years. The young structural engineers have a crucial role to play in this development in terms of new ideas. These engineers need to interact more often for exchange of idea, understanding the problems faced in different countries and help each other by coming out with the suggestions and collaborative research. It was found that the research community of European Countries and American Countries has many platforms for the young engineers to discuss their ideas. However, there was no such formal platform in the Asia and Pacific region for the young structural engineers. Considering this need, the series of the Asia and Pacific Young

Researchers and Graduates Symposium (YRGS) was initiated to promote the young structural engineering professionals of this region from academics, research, and field practice and to facilitate knowledge sharing between Asia and Pacific countries. The first YRGS was held in 2009 at Kunsan National University, Korea; second in 2010 at Zhejiang University, China; the third in 2011 at National Taiwan University,



Taiwan and fourth in 2012 at Hong Kong Polytechnic University, Hong Kong. YRGS has successfully accomplished the objective of making a collective contribution to the civil and structural engineering fraternity. YRGS 2013 accepted forty two papers from countries including Australia, China, Egypt, Hong Kong, India, Japan, Korea, Malaysia and Thailand. The symposium consisted of a two day technical program: the first

day program was organized in five technical sessions; and the second day program was organized in three technical sessions with one session jointly organized with the Asian Concrete Federation. The papers presented at YRGS 2013 discussed the current challenges being faced in structural engineering in the Asia and Pacific region and the efforts carried out by young researchers to overcome these challenges.

The symposium was organized in partnership with the Asian Concrete Federation (ACF), and was sponsored by Ambuja Cements Ltd. and Altair India. Renowned professors and scientists from India and abroad attended the symposium. The keynote speeches were delivered by Prof. A.K. Nagpal (IIT Delhi), Prof. S. B. Singh (BITS Pilani), Prof. P.K. Gupta (IIT Roorkee), Prof. Saroj Mandal (Jadavpur University), Prof. M.K. Banerjee (MNIT Jaipur). A special session organized by the Asian Concrete Federation consisted of speeches by Dr. Hwa-kian Chai (University of Malaya, Malaysia); Dr. Yew-Chin Koay (VicRoads, Australia); Dr. Raktipong Sahamitmongkol (Thammasat University, Thailand); Prof. Y. Kobayashi (Nihon University, Japan).

WORKSHOPS / CONFERENCES / SHORT-TERM COURSES / TRAINING PROGRAMMES CONDUCTED

Entrepreneurship orientation programme - Sept. 18, 2013

ED Cell conducted this programme for 1st and 2nd year students. Mr. Rajeev Surana, Managing Director - Gravita India Ltd. was the Chief Guest along with Ms. Srishti Sharma, founder of Mommyz Kitchen. The whole session was very interactive and students were motivated to share their views with the entrepreneurs.

Technical Induction Programme - Sept. 30- Oct. 5, 2013

Industry-Institute Partnership Cell of our Institute organized a five-day programme for the engineers of Bosch Ltd. The objective of the programme was to train the newly recruited engineers in various areas of practical relevance in industries. There were lectures and hands on sessions on CNC, soft skills, financial management etc.

Refresher course on "Characterization and Deformation Behaviour of Materials for Strategic Application" - Oct. 3-5, 2013

The Dept. of Metallurgical and Materials Engg. organized this three-day refresher course for faculty members, research scholars, M.Tech, B.Tech students under TEQIP-II programme. The speakers were from Bengal Engg. and Science University, Shibpur West Bengal, BOSCH Ltd. Rajasthan Fasteners Ltd. and MNIT Jaipur. Dr. Manojit Ghosh from

BESU, Kolkata delivered a talk on "Work hardening of Aluminium Alloys" and "Anisotropy studies for Aluminium Alloys".

Faculty Development Programme on "Demystifying Derivatives" Oct. 7-11, 2013

This programme was organized by Dept. of Management Studies, and a total of twenty nine participants attended the FDP. The inaugural ceremony was graced by the presence of the Chief Guest, Prof. K.K. Aggarwal (Chairman, BOG, MNIT), Guest of Honour Prabina Rajib (Professor, VGSOM IIT-KGP) along with Dr. G. S. Dangayach (Head, DMS) and Dr. Satish Kumar (FDP Coordinator).

The objective of FDP was to impart conceptual and practical learning of derivative concepts and instruments amongst participants. The course content included the issues related to Futures, Options and Swaps such as pricing, trading strategies, modelling and Risk Management. Prof. Prabina Rajib (VGSOM IIT-KGP), Dr. Gourishankar (IIT-KGP), Dr. Vinodh Madhavan (IIM-Lucknow), Dr. Roopam Kothari (IIS University, Jaipur), Dr. Pankaj Kumar (ITS, Ghaziabad), Dr. Anand (IIM, Ranchi), Dr. Vipul Kumar Singh (IMT, Nagpur) and Dr. Manoj Kumar (IIM-Rohtak) delivered the course content during the programme.

International Conference on Nanostructuring by Ion Beams Oct 21-25, 2013

The Dept. of Physics organized an

International School on Ion Beam in Material Science and International Conference on Nanostructuring by Ion Beams jointly with the University of Rajasthan and Inter University Accelerator Center, New Delhi. Invited speakers of the conference were A.C. Pandey (B.U. Jhansi), A. I. Titov, (St. Peterburg Russia), B. K. Panigrahi (IGCAR Kalpakkam), C. Trautmann, (GSI Darmstadt, Germany), Fouran Singh (IUAC New Delhi), H. Hofsaas (Goettingen University, Germany), L. Tribedi (TIFR Mumbai), R. Cuerno (Madrid, Spain), R. Sharma (BAMU Aurangabad), S. Sarkar (IIT Ropar), Shu Seki (Osaka, Japan), T. Mohanty (JNU, New Delhi), T. Som (IOP, Bhubhaneswar), Xin Ou (Dresden, Germany), Y.K. Vijay (UOR, Jaipur), Y. Takeda (Tsukuba, Japan).

Workshop on "Etiquette and Skill Development for Interviews" Oct. 26-27, 2013

Placement and Training Cell, MNIT Jaipur conducted this two-day workshop which was attended by more than hundred and seventy students. The inaugural ceremony was graced by Mr. Rajat Agarwal, Managing Director, Gravita India Ltd. as the Chief Guest, Mr. Shoumendra Roy, Group Vice President, Head Talent Acquisition Manufacturing, Reliance Industries Ltd. and Prof. Alok Ranjan, Coordinator, PTP Cell, MNIT Jaipur delivered the key note speech. The trainers were Dr. Sangeeta Sharma, Associate Professor, Bits, Pilani and Dr. Gursimran Duggal, Director, GSD Consulting Services Ltd.

Workshop on "Prospects of Engineering Students in Automobile Sector and Expectations of Industry from Students" Nov. 9, 2013

The Dept. of Metallurgical and Materials Engg. organized this one-day workshop under TEQIP phase-II. The conveners were Prof. Ashok Sharma and Prof. Upender Pandel and the co-convenor was R. K. Duchaniya.

Workshop on "Vision and Contribution of Mahamana Pt. Madan Mohan Malaviya" Aug. 7-8, 2013

Under the Golden Jubilee Celebrations, this two-day workshop was held in Mini Auditorium, Design Center of the Institute. The speakers on the occasion were Prof. P. C. Dandia, Dr. S. V. Mazumdar, Dr. S. S. Chaddha, Dr. R. S. Sharma, Dr. Chandramani Singh, Dr. Ajay Kumar

Sharma, Dr. A. K. Singh, Sh. V. K. Sharma, Mr. B. L. Vaidya, Mr. EVD Shastri. The workshop was focused to make the people aware of the greatness of Malaviyaji and emphasised the need to revive the spirits and values for which he lived his life. He felt that education should be based on character building, patriotism and regard for India's rich heritage and culture.

PROJECTS / CIVIL WORKS / RESEARCH GRANTS RECEIVED

- A Research project on "Strategically Development of metasilylene complexes; Potential catalyst for unique organic transformations and silylene transfer reactions" has been sponsored to Department of Chemistry by Council of Scientific and Industrial Research (CSIR), New Delhi.
- A Research project on "Development of MoSi₂ Heating elements" has been sanctioned to Department of Metallurgical and Material Engineering funded by Naskar and Company, Howrah, West Bengal.
- A Research project on "Tailoring the structural, electrical and optical properties of Ag-ZnO and Ag-TiO₂ nano composite thin films for various application using energetic ions" has been sanctioned to Department of Physics by IUAC/UGC, New Delhi.
- A project on "Effective Product Development through Integration of Reverse Engg. and rapid Prototyping" has been sanctioned to the Mechanical Engg. Dept. by the Science and Engg. Research Board.
- A Research project on "Development of Novel Artificial Naked Eye Fluoride ion Receptors".



NACLIN 2013

The 16th National Convention on Knowledge, Library and Information Networking – NACLIN 2013 organized by DELNET in collaboration with the Malaviya National Institute of Technology at Hotel Clarks Amer, Jaipur from December 10-12, 2013, was inaugurated at the Hotel Clarks Amer, Jaipur by the Chief Guest Dr. H. P. Vyas, Vice



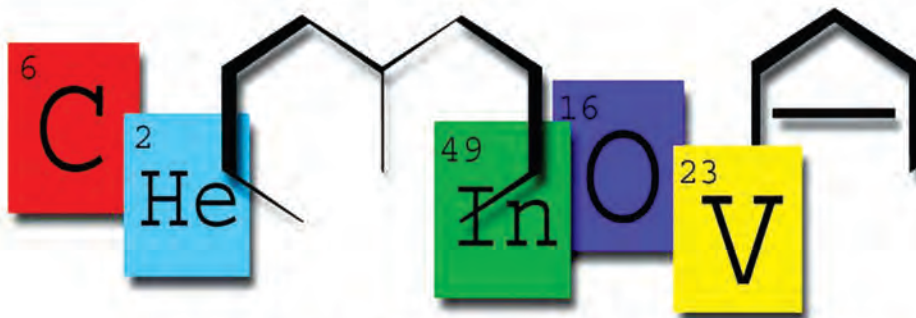
Chancellor, Bikaner Technical University on December 10, 2013. Prof. I. K. Bhat delivered the presidential address and stressed on the issues which are of great concern to the LIS professionals.

Mr. Deep Singh, Librarian, MNIT Jaipur was the Organizing Secretary of NACLIN 2013.

NACLIN 2013 was supported by organizations including RRRLF, DeitY MIT, DRDO, ICCR, Cengage Learning India Pvt Ltd, iGroupInfotech India Pvt Ltd, BalaniInfotech and Orizin Technologies.

UPCOMING EVENTS

CHEMINOVA' 14 is a technical fest which will be organized by the Department of Chemical Engineering, to commemorate its 25 years of existence at MNIT Jaipur. The aim is to provide a platform where students, eminent faculty, technocrats, alumni and industrial experts interact and share their technical knowledge and create an opportunity for the reunion of our Alumni. The fest will be held for three days with lots of interesting events and recreational activities which will also include interactive sessions with academicians and industrial experts. The brain storming sessions will add luster to our event in the day time, by discussing various issues faced by chemical engineers and chemical industries in India.



CHEMINOVA '14

(Jan 23-25, 2014)

CHEMINOVA' 14 comprises of the following events:

- Heat exchanger model designing competition
- Chemical reactor model designing competition
- Cultural event
- Dexter's laboratory (Especially for School students)
- Technical paper and poster presentation
- Industrial problems (Contest)
- Guest Lectures.

The Annual Athletic Meet 2013-14 will be organized on Jan 18-19, 2014. The Annual Athletic Meet aims to propagate the concept of national integration, spirit of communal harmony, brotherhood, courage and adventure amongst the youth by exhibiting their physical & cultural prowess in the playfield. The event witnesses 2 days of absorbing sporting action where 10 departments and more than 800 participants chase it out for the Athletic championship trophy.



AIAMBT' 17

(March 2014)

All India Advani Memorial Basketball Tournament, the most memorable sports event of our Institute has not just been revived but reinvigorated by the organized efforts of the MNIT family. The tournament has an emotional and heritage value. It symbolises the respect and affection of students for their teachers. AIAMBT'13 was a huge success and students as well as alumni await the arrival of AIAMBT'14.





A Musical Reverberation

After Hrs brings you the highlights of the solo sitar recital performance by renowned artist Dr Vikas Gupta

Dr Vikas Gupta
After Hrs brings you the highlights of the solo sitar recital performance by renowned artist Dr Vikas Gupta. The performance was held at the Rangasala Theatre of Jawahar Kala Kendra, Jaipur. The artist, Dr Vikas Gupta, is a highly talented sitar player and composer. He has a deep understanding of the instrument and its history. His performance was a treat for the audience, showcasing his exceptional skills and unique sound. He was accompanied by Lateef Ahmed on tabla and Anshu Kumar on harmonium. The performance was well-received and showcased the rich heritage of Indian classical music.



नए साल पर लें बड़ा संकल्प

कच्चेतल में संपन्न हुई थी।... नए साल पर लें बड़ा संकल्प... The event was held in Kachhatal and was attended by many people. It was a significant occasion where people shared their resolutions for the new year. The atmosphere was festive and inspiring, with many participants expressing their hopes and dreams for the future.

CITY मास्कर

एमएनआईटी के वलास रूम होंगे अल्ट्रा मॉडर्न

14 मीटर का इमारत 'सिन्नेघर बिल्डिंग' के रूप में बनाएगी पहचान

पुणेन शर्मा, जयपुर

प्रदेश का एकमात्र एमएनआईटी अब अपने सी केएस में इंजीनियरिंग के बेहतरीन मॉडल के लिए जानी जाएगी। जेएनएमएन मार्ग स्थित मालवीय मेसाल इन्स्टीट्यूट ऑफ टेक्नोलॉजी (एमएनआईटी) के पास जयपुर की सबसे ऊंची बिल्डिंग बनने। इस बात यह कि जमीन से लेकर ऊंचाई और इसके उपयोग पर 14 के अंक का मेल किया गया है। 14 लाख स्वयंसेवक फंड जगह पर बने वाली यह बिल्डिंग 14 मीटर लंबी होगी। इसके हर फ्लोर पर एकडेमिक ब्लॉक के 14 विभागों का एक-एक विभाग बनेगा। एमएनआईटी अधिकारियों के अनुसार, यह प्रदेश का आइकन बिल्डिंग होगा। इस पर तकरीबन 250 करोड़ रुपए बनेंगे। इस प्रोजेक्ट का काम अगले 5 सालों में पूरा होगा। बिल्डिंग के लिए टेंडर निकालने में प्रक्रिया डिवाइड करने के बाद जल्द ही पूर्ण प्रक्रिया डिवाइड करने का इंतजार हो रहा है। सिन्नेघर बिल्डिंग ग्रीन गेटिंग की इंटिग्रेटेड हैबिटेड प्रॉजेक्ट (ग्रीन) के मानकों के अनुसार बनाई जाएगी। इसमें फेकटेरियल के ऑफिस, लेबोरेटरी, कंफरेंस, मॉडर्न ब्रैंडिंग रूम, निजी सेमिनार-कॉन्फरेंस रूम, फॉर्नल डीन, कम्प्यूटर सेंटर और सेंट्रलवाइड फेसलिटी जैसे खासियत होंगी। क्लास रूम से लेकर लेबोरेटरी में अल्ट्रा मॉडर्न टेक्नोलॉजी से युक्त उपकरण लगाए जाएंगे।

2020 में बदलेगी सूत्र

एमएनआईटी में सरकारी वरिष्ठता के कारण सूत्र... 2020 में बदलेगी सूत्र... The article discusses the changes in the structure and administration of MNIT Jaipur. It mentions the role of government officials and the impact of these changes on the institution's operations. The text highlights the importance of maintaining high standards and ensuring the smooth functioning of the university.

देश को कुछ देना सीखें

कुछ भी असेम्प नदी... देश को कुछ देना सीखें... The article focuses on the importance of civic responsibility and contributing to the nation. It encourages citizens to be active and engaged in their communities. The text mentions various initiatives and programs that aim to improve the quality of life and address social issues. It emphasizes the need for collective effort and leadership.

एमएनआईटी में बनेगा लेक्चर थिएटर कॉम्प्लैक्स

विश्व विद्यालय, जयपुर... एमएनआईटी में बनेगा लेक्चर थिएटर कॉम्प्लैक्स... The article describes the development of a new lecture theater complex at MNIT Jaipur. It details the architectural features and the advanced facilities that will be provided. The project is expected to enhance the teaching and learning experience for students and faculty alike. It also mentions the involvement of various stakeholders in the process.

एमएनआईटी में खुलेगा इन्क्यूबेशन सेंटर

स्टूडेंट्स को टेक्नोलॉजी बनाने में मदद... एमएनआईटी में खुलेगा इन्क्यूबेशन सेंटर... The article announces the opening of an incubation center at MNIT Jaipur. This center is designed to provide students and faculty with the resources and support needed to develop and commercialize their ideas. It offers a range of services, including mentorship, funding, and legal assistance. This initiative is expected to foster innovation and entrepreneurship within the university.

एमएनआईटी में अर्थव्यवस्था का श्रीगणेश

जयपुर, मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान में रविवार को राजस्थान की पहली अर्थव्यवस्था इंजीनियरिंग लैब शुरू हो गई। सिविल इंजीनियरिंग विभाग में लैब के उद्घाटन समारोह में केन्द्रीय सार्वजनिक निर्माण विभाग (सीपीडब्ल्यूडी) के महादेशिक सी. एस. प्रसाद, आईआईटी दिल्ली के सिविल इंजीनियरिंग विभाग के प्रो. टी. के. दत्त ने शिरकात की। उद्घाटन के बाद सी. एस. प्रसाद ने कहा, इस लैब के प्रयोगों के अधिन स्तुतक, इस लैब के प्रयोगों का अधिन स्तुतक, इस लैब के प्रयोगों का अधिन स्तुतक... The article reports on the inauguration of a new laboratory at MNIT Jaipur. The event was attended by officials from the central government and MNIT. The new laboratory is expected to play a key role in the development of the engineering education sector in Rajasthan. It will provide students and researchers with state-of-the-art facilities and equipment.



स्टूडेंट्स कम करेंगे शहर से रेडिएशन

विद्यार्थी, जयपुर... स्टूडेंट्स कम करेंगे शहर से रेडिएशन... The article discusses the measures taken to reduce radiation exposure for students. It mentions the use of protective equipment and the implementation of safety protocols. The institution is committed to ensuring the health and safety of its students and staff. The article also highlights the importance of regular health check-ups and awareness campaigns.



विंग्स ऑफ डिजायर्स

दूसरों से अलग बनने का सोच... विंग्स ऑफ डिजायर्स... The article features an advertisement for 'Wings of Designers'. It promotes the idea of thinking out of the box and creating unique designs. The advertisement highlights the services offered by the designers, including graphic design, branding, and interior design. It encourages individuals and businesses to explore their creative potential.

VOTE OF THANKS

Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body be full of that idea and just leave every other idea alone. This is the way to success.

Swami Vivekananda



Neha Garg
2nd year, B.Tech



Chirag Jain
3rd year, B.Tech



Prakhar Bansal
2nd year, B.Tech

When we were first told about the Institute's decision to launch a 80-page magazine on 25th Dec. 2013, our exhilaration to be on the Editorial Team turned out to be a tough challenge. As it is the first alumni magazine, we had no basic structure, not even its adumbrate magazine. The wheels of this vigorous task started rolling months ago. It required planning and a bird's eye for details. The constant logistic support and encouragement of Director Sir, Dilip Sharma Sir, D. Boolchandani Sir and other faculty members motivated us to never turn back in adverse situations.

We would like to place on record our sincere appreciation for the seniors who took this tenacious initiative of forming the official Alumni Committee- ALCOM. We have been fortunate enough to be guided by a team of highly dedicated colleagues of our Institute with their optimism, hard work and generous support.

This year holds a special significance for our Institute, for we are launching its first Alumni magazine- **AluMNTimes** to unite the Alumni of Malaviya National Institute of Technology Jaipur which has nurtured leaders in both the public and private sectors to serve the community.

We would like to extend our heartiest gratitude to the Alumni for their enormous cooperation in the publication of this magazine by sharing their work and thoughts with us. All the care has been taken to remove out the errors, however the editorial Team will be highly obliged to receive your constructive criticism as well as suggestions. Together we will make the best efforts to keepup the reputation of the Institute and will dedicate ourselves wholeheartedly to bring forward the finest and a leading alumni magazine.

Thank You

Special Thanks to - **Prof. A.B. Gupta**
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Saran Reddy



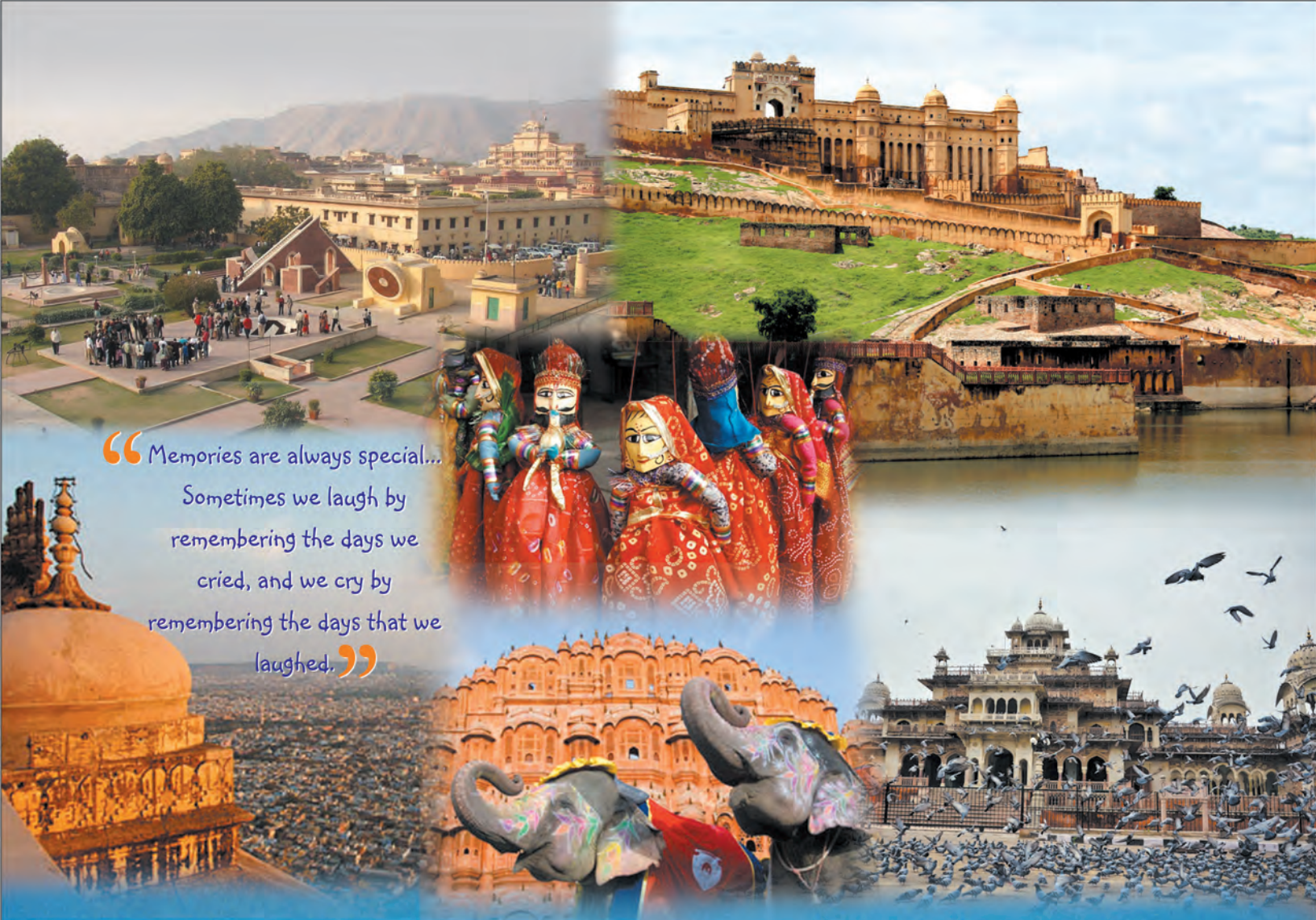
Khush Kanwar



Manish Sheshma



Utkarsh Gupta



“ Memories are always special...
Sometimes we laugh by
remembering the days we
cried, and we cry by
remembering the days that we
laughed. ”

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