



HH Shrimant Jyotiraditya Scindia addressing the faculty during his visit.

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### Director's Message



I congratulate the Team News Letter on compiling yet another issue to the institute newsletter. Such endeavours provide a platform for our faculty and students to showcase their multi faceted talents and fabulous achievements at the global level. I am sure the quality and content of this venture will improve with each issue.

(Dr. R.K. Pandit)

Director

## MITS में गोल्ड मेडल वितरण समारोह तथा एस.के.एफ. इंडिया लि. कम्पनी के ट्रेनिंग सेंटर का शुभारम्भ

माधव इंस्टीट्यूट आफ टेक्नॉलोजी एण्ड साइंस (एम.आई.टी.एस.), ग्वालियर में दिनांक 22 सितम्बर 2015 को "गोल्ड मेडल वितरण" कार्यक्रम का आयोजन तथा देश की अग्रणी कम्पनी एस.के.एफ. इंडिया लिमिटेड के ट्रेनिंग सेंटर – "एस.के.एफ. एस्सेट रिलायबिलिटी ट्रेनिंग सेंटर" का उद्घाटन संस्था के बोर्ड ऑफ गवर्नर्स के चेयरमैन श्रीमंत ज्योतिरादित्य सिंधिया जी के कर-कमलों द्वारा सम्पन्न किया गया। विदित रहे कि यह देश में अपनी तरह का अनूठा ट्रेनिंग सेंटर होगा, जिसमें विद्यार्थियों को तकनीकी के विशेष क्षेत्र में दक्षता हासिल करने का सुअवसर प्रदान किया जायेगा। इस अवसर पर एस.के.एफ. इंडिया लि. के वाइस प्रेसिडेंट श्री लोकेश सक्सेना जी भी उपस्थित रहे। इस ट्रेनिंग सेंटर की स्थापना संस्थान के तत्कालीन निदेशक डॉ. संजीव जैन के प्रयासों के फलस्वरूप संभव हुई।

तत्पश्चात् संस्था के पूर्व मेधावी विद्यार्थियों को बोर्ड ऑफ गवर्नर्स के चेयरमैन श्रीमंत ज्योतिरादित्य सिंधिया जी के द्वारा सन् 2012, 2013, 2014 एवं 2015 में अग्रणी रहे कुल 74 विद्यार्थियों को गोल्ड मेडल प्रदान कर सम्मानित किया गया। इस अवसर पर पूर्व विद्यार्थियों तथा उनके अभिभावकों द्वारा अपने अनुभवों को भी साझा किया गया।

कार्यक्रम के दौरान श्रीमंत ज्योतिरादित्य सिंधिया जी के उद्बोधन में उनके द्वारा महिला सशक्तिकरण पर जोर दिया गया एवं विद्यार्थियों के उज्ज्वल भविष्य की कामना की गई।

इस अवसर पर संस्था के बोर्ड ऑफ गवर्नर्स के सदस्य प्रो. डी.पी. अग्रवाल (पूर्व अध्यक्ष, संघ लोक सेवा आयोग), डॉ. व्ही. के. सारस्वत (सदस्य, नीति आयोग),

प्रो. आर.के. शेवगांवकर (पूर्व निदेशक, आई.आई.टी. दिल्ली), प्रो. के.के. अग्रवाल (पूर्व कुलपति, इन्द्रप्रस्थ वि.वि. दिल्ली), श्री प्रशांत मेहता, पूर्व डायरेक्टर जनरल, एकेडमी ऑफ एडमिनिस्ट्रेशन, म.प्र. भोपाल, इंजी. लोकेश सक्सेना, एशिया मैनेजर, एस.के.एफ लि., श्री रमेश अग्रवाल (सचिव, सिंधिया इंजी. कॉलेज समिति) तथा संस्थान के तत्कालीन निदेशक डॉ. संजीव जैन एवं संस्थान के समस्त प्राध्यापकगण उपस्थित रहे।



### ACTIVITY ORGANIZED



Unveiling of the poster proceeding in One day National Workshop on *Innovations in Energy and Poster presentation* in Mechanical Engineering department organized on 3 October 2015., Dr. G.N. Tiwari, IIT Delhi, Dr Sanjeev Jain, Director – then, MITS, Gwalior, Mr Harinarayanchari Mishra, SP, Gwalior, Er Ramesh Agrawal, Secretary, SECS, Gwalior and Mr P C Pant, Director, MNRE, New Delhi were present.



Judges round in the poster session of Innovations in Energy with poster presenting participants.



Participant deliver the presentation during Two days *Colloquium* on 4-5 Dec, 2015 organized by the Mechanical Engineering Department.



Two days SKF training was conducted for UG and PG students delivered by Industry expert dated 19-20 Jan, 2015.



**Er Vikas Pandey, D-Auto, Bhopal** delivering the lecture on *Flexible and Independent Product Development* in the Mechanical Engineering Department.



EDC, MITS had organized One Faculty Development Program (02.01.2016 to 14.01.2016), One Entrepreneurship Development Program (08.12.2015 to 18.01.2016) One entrepreneurship Awareness Camp sponsored (26.01.2016 to 29.01.2016) by DST, GOI, New Delhi. EDC had also successfully organized 7 Skill Development Programs in different trades like Electrician, Motor Winding & Wireman, Mobile Repairing, AC & Washing Machine Repairing, Automobile, Diesel Generator, AC & Refrigeration, Welding, etc. sponsored by State Science & Technology, Department of Science & Technology, New Delhi. Along with these programmes EDC is also conducting different self-financing skill development programs in various trades like Web, Multimedia & Graphics Designing, Computer Hardware & Networking, Computer Accounting Tally, etc and different Advanced Professional courses in trades like Solar Energy Technology & Management, Quality Control & Marketing Management, etc.

## EXPERT LECTURES ORGANIZED / DELIVERED

### ➤ ELECTRICAL

- An expert talk on “**Methods of Energy Conservations in Modern Thermal power plants**” by **ER.S.C Mangal**, (retd.) General Manager, NTPC Korba on 16/10/2015.
- An expert talk on “**Design of Energy Efficient Modern Power Transformers**” by **Er. R.K. Mahapatra**, DGM, BHEL, Jhansi on 23/9/2015 under TEQIP-II.

### ➤ CHEMICAL

- Industrial Visit - **Godrej Consumer Pvt.ltd, Malanpur** on 12<sup>th</sup> December 2015.

### ➤ ARCHITECTURE

- Delivered Expert Lecture on “**Research Techniques**” during VTU-VGST sponsored FDP on 25<sup>th</sup> June 2015 at Aakar Academy of Architecture, Bengaluru.

## EDUCATIONAL TOUR

### ➤ CIVIL

- Prof. Deepak Rastogi of Civil Engg. Deptt. was invited to deliver an expert lecture on “Why to use clay Ganesh idol? and the environmental issues related to use of idol made of Plaster of Paris” by Rotary Club of Gwalior on 19<sup>th</sup> sep’ 2015 on the evening of Ganesh Chaturthi celebration in Hotel Central Park Gwalior.



- A one day educational tour of M.E. Civil (CTM) students was arranged to visit Sewage Treatment Plant, Water Treatment Plant at Moti Jheel and Tighra Dam, Gwalior on 3<sup>rd</sup> Oct. 2015 under the guidance of Prof. Deepak Rastogi & Asst.Prof. Aditya Agrawal, 30 students participated in the tour.



## CONFERENCE/ SEMINAR/ TRAINING PROGRAM/ OTHER ACTIVITIES ORGANISED/ TO BE ORGANIZED

### ➤ ELECTRICAL

- Organized two days National workshop on “**Applications of MATLAB in Electrical Engineering**” under TEQIP Phase-II during 13-14<sup>th</sup> October 2015.

### ➤ BIOTECH

- Department of Biotechnology, MITS Gwalior organized a **poster competition “eco360”** on Oct 15’2015. Fifteen posters were presented from various departments of the institute and other colleges. Ms. Jagrati Jain and Anand Chaurasiya from department of Architecture of MITS, Gwalior won first prize, Vishraant Mishra and Ravi Mishra from Mechanical Engg. Department won the second prize. A cash prize of Rs. 2500 was given to first prize winners and Rs 2000/- to second position holders.



### **TRAINING PROGRAM ATTENDED**

#### ➤ **ELECTRONICS**

- Dr. Vandana Vikas Thakre, Dr. Laxmi Shrivastava and Dr. Karuna Markam attended a two days National Workshop on **Application of MATLAB in Electrical Engineering** during 14/10/15 to 15/10/15 from MITS, Gwalior under TEQIPII.

### **FACULTY ACHIEVEMENTS**

#### ➤ **ELECTRICAL**

- Prof. Vishal Chaudhary is awarded a **MITS Gold Medal** for securing first position in M.E (ISD) for the year 2013 batch by Honourable Chairman Shrimant Jyotiraditya Scindia.

#### ➤ **ELECTRONICS**

- IETE Students Chapter MITS Gwalior have been introduced in October, 2015 by Department of Electronics, MITS Gwalior.
- One day **Paper Presentation** contest on "SMART CITY" was held on 30<sup>th</sup> Oct. 2015 under IETE Students' Chapter, MITS Gwalior organized by Department of Electronics, MITS Gwalior.
- Pooja Sahoo and Deep Kishore Parsediya attended **TEQIP-II Short Term Course on Nation-wide Program for Faculty Development Towards Effective Teaching and Pedagogical Practices (Phase-I)** from 09<sup>th</sup> -11<sup>th</sup> October, 2015, organized by Center for Educational Technology, Indian Institute Of Technology, Kharagpur.

#### ➤ **COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

- Organized a quiz event "**INQUISITIVE 2015**" on dated 22 August 2015.
- ISTE STTP on **Introduction to Design of Algorithms** from 25<sup>th</sup> to 30<sup>th</sup> may 2015; Neha Bhardwaj worked as Workshop coordinator conducted by IIT Kharagpur. Total 32 participants attended.
- D' Advent- An Introductory Event for first year students organized under **MITS ACM Students' Chapter**. 110 students participated, held on 9 oct. 2015
- SYNERGY Group: formed by 2nd year students (students from all departments) organised a poetry competition namely **Kavya Dhara** on 13 october 2015. Approximately 70 participants were participated.

#### ➤ **BIOTECH**

- Prof. Dhawal Tailang Attended workshop on **Pedagogy Skills** organized by CET, IIT Kharagpur from Oct 9 to Oct 11, 2015.

### **STUDENT ACTIVITIES/ ACHIEVEMENTS**

#### ➤ **ELECTRICAL**

- "Anveshanam-2K15" was organized by BE III year students under the supervision of Dr. Sulcohana Wadhvani & Prof. Praveen Bansal.

#### ➤ **COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

- Seven Students are selected in Indian army UES-25 on Feb 24<sup>th</sup> 2015.
- Nineteen students are selected in the Schneider Electric.

#### ➤ **CHEMICAL**

- Riyanka yadav in Trident Group
- Nidhi Sharma in Accenture
- Hrshita Jain in Wipro



## SPORTS CORNER

- Institute won the Men's Table Tennis Inter-Collegiate Tournament held on 21-22 August 2015 at ITM College, Gwalior.
- Institute won the Women's Table Tennis Inter-Collegiate Tournament held on 21-22 August 2015 at ITM College, Gwalior.
- Institute won the State Level Women's Cross Country Championship held on 11 September 2015 at MITS, Gwalior.
- Institute was the Runners up in State Level Men's Cross Country Championship held on 11 September 2015 at MITS, Gwalior.
- Institute won the Inter-Collegiate Chess Tournament held on 17 - 18 September, 2015 at SRCEM, Banmor.
- Institute won the Inter-Collegiate Women's Basketball Tournament held on 14 - 15 September, 2015 at MITS, Gwalior.
- Institute was the Runners Up in Inter-Collegiate Men's Basketball Tournament held on 14 - 15 September, 2015 at MITS, Gwalior.
- Institute won the Inter-Collegiate Women's Badminton Tournament held on 29-30 September, 2015 at IPS College, Gwalior.
- Institute was the Runners Up in Inter-Collegiate Football Tournament held at RJIT Tekanpur, Gwalior
- Institute was the Runner Up in Inter-Collegiate Kho-Kho Tournament held at Malwa College, Gwalior.

## RESEARCH PUBLICATIONS

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- A. Kanojia and S.K. Jain, "Concrete with Alternative Aggregates", *Journal of Civil and Construction Engineering*, vol.1, p.p.1-12, 2015.
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- A. Khare and A. Tiwari, "Experimental Investigation on Flexural Behaviour of Concrete Beam by Using Agricultural and Industrial Waste Material", *International Journal of Science and Research*, vol.4, p.p. 1242-1244, 2015.
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- Chandra Prakash Bastani & R. Kansal, "Effect of Fine Aggregate Particles on Compressive Strength of Cement Mortar", *International Journal of Engineering Studies and Technical Approach*, vol.1, p.p. 8-12, 2015.
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- P. Rajput and S. Tiwari, “Time Cost –Trade – off using Linear Programming Approach”, *Journals of Construction and Building Materials Engineering*, vol.1, p.p. 1-9, 2015.
- S. Saxena and R. Kansal, “Cost Escalation, Schedule Overruns & Quality shortfalls on Construction Projects”, *Recent Trends in Civil Engineering & Technology (STM Journals)*, vol. 5, p.p. 1-6, 2015.
- S. Johari and S. Tiwari, “Establishment of Training Centre at Construction Site under Recognition of Prior Learning (R.P.L.) Process for Skill Development of a Workman”, *Journal of Civil Engineering and Environmental Technology*, vol.2, p.p. 26-30, 2015.
- Shikha Mittal & S.K. Jain, “Review on Time Cost Optimization using various Tools and Techniques”, *International Research Journal of Management Science & Technology*, vol.2, p.p. 23-25, 2015.

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## DEPARTMENT OF CSE & IT

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## TEAM NEWSLETTER

Dean Student welfare – Dr. Rajeev Kansal  
Chairman - Dr. Chandra Shekhar Malvi  
Members- Dr. Alok Sharma, Dr. Sanjeev Khanna,  
Dr. Sulochana Wadhvani,  
Dr. M.K. Gaur, Dr. Sunita Sharma,  
Dr. Anshu Chaturvedi, Prof. Jaimala Jha,  
Prof. Laxmi Shrivastava,  
Dr. Shourabh Bhattacharya

Composed by Devendra Singh