

# Impressions

A Quarterly e-Newsletter



**Marwadi**  
Education Foundation's  
Group of Institutions  
Learn • Lead • Light

Technical Campus @ Gauridad, Rajkot | [www.marwadieducation.edu.in](http://www.marwadieducation.edu.in) | Volume 1, Issue 1 | February 2012

## From the Chairman's Desk



We feel immense pleasure to introduce to you the **Marwadi Education Foundation's Group of Institutions (MEFGI)**, Technical Campus at Gauridad, Rajkot.

This is the first and foremost integrated Management and Technological Institutional Campus, set up by **MEFGI** at Rajkot, in the Saurashtra region of Gujarat State. It shows sprawling campus in a lush green eco-friendly ambience, big buildings, beautiful interiors, world class equipments, state-of-the-art electronic gadgets and in-depth scenario where eyes can rest. But it is also showing jubilant youths, walking firmly, taking leaps, jumping with confidence, yawning and opening eyes to an era of wisdom, the wisdom which is not only a tool of learning or not a mental game to win but is also to enrich our conscience to unfold the darkness of unknown and to pull us to higher universe with excellent tools to overcome negative forces. We at MEFGI are committed to touch this part of the wisdom in our self as well as to create the environment for youth of next generation also. We have a clear vision to take the Institutions to new heights at Global level with world class education, technology and resources. In an age characterized by creativity, innovation, leadership and daring, the managerial challenges are unique. Our programs are designed with emphasis to transform the students into tomorrow's business leaders. The focus of our education is to lay stress on leadership training. We are committed to grooming technocrats, leaders and computer professionals who are ready to face up to the challenges in a complex global environment and remain dedicated to serve the companies, society and humanity. Our vision of management education is based on innovative learning methodologies including constant improvement, cultivation of practical skills and an unwavering commitment to academic quality. We clearly believe that convergence of thoughts leads to revolution and convergence of thoughtful action culminates into the evolution. In short, we want to make learning a focused, fruitful and enjoyable experience for students. We welcome you to explore the site for an exciting feel of the ambience.

**Mr. Ketan H. Marwadi**

## A Message from the Director

*Dear Faculty Members and Students,*

Warm Greetings & Welcome to this first issue of the Marwadi Newsletter 'Marwadi Mirror'. From a modest beginning in 2009, MEFGI, Rajkot has now grown into a huge flourishing Technical Campus. The Guiding philosophy of the institute throughout has been 'Learn, Lead & Light'. The objective of MEFGI has always been to impart education with creation, dissemination and application of knowledge to generate a synergetic impact contributing to advancement of society in large. To meet and fulfil this objective of the institute, 'to share' among the family members of MEFGI and to have fruitful interaction with the society and the stakeholders is must. So we are here to reach out the world out of four walls with 'Marwadi Mirror' a quarterly News Letter. I hope & wish an active participation & Contribution from all Marwadians. I look forward for quite colourful reflections in 'Marwadi Mirror'.

All The Best.

**Dr. Yogesh P. Kosta**

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**Mr. Jitendra A. Chandarana**  
Vice Chairman  
MEFGI

## Message from Editorial Board

*Dear Faculty Members and Students,*  
The impulse and an urge to share has played vital role in all development in the field of Science and Technology in the era of Globalization. How can we be left behind? When one dreams alone, with one's eyes shut, asleep, that dream is an illusion. But when we dream together, sharing the same dream, awake and with our eyes wide open, then that dream becomes reality. All of you are appealed to contribute what you feel worth sharing with your friends, stakeholders and Knowledge community. For Contribution, content is to be mailed to the editorial board-Marwadi Mirror with details of contributor.



**KNOWLEDGE IS THE CURRENCY**  
FOR THE 21<sup>st</sup> CENTURY

## Mood's ....

### Change

*Like the cool breeze blowing along,  
Eroding away the earth...  
Like that small rill that crawls,  
Meandering its way through this  
dearth...  
Like the small flame,  
Burning its existence away in the poor  
man's hearth...  
Like the inkling of hope,  
Worming its way into a warrior when  
he faces nothing but mirth...  
Comes change,  
Stealing away the harmonious notes  
of an ever stagnant life...  
Death becomes a whisper of accep-  
tance,  
Love becomes a shout of defiance*

*Feelings die away with nothing but a  
whimper,  
And stones turn soft in its tunes.  
Melancholy marches away to its tune,*

*And Pain, flies away like sand from  
the dunes.  
But Alas! In this age of fleeting time  
and space,  
Hasn't time itself become a part of  
change??*

- Vaidehi Thaker

(5<sup>th</sup> Sem. B.E. - Electronics and Comm.)

*“Education is what  
remains after one has  
forgotten what one has  
learnt in school.”*

*-Albert Einstein*

#### EDITORIAL BOARD

Dr. Yogesh P. Kosta  
Dr. K.K. Khakhar  
Dr. Rajendrasinh B. Jadeja  
Dr. Chinnam S. Reddy  
Dr. Ami Upadhyay  
Mr. George Varughese  
Prof. Chirag Gohel  
Prof. Hareesh Sabhadiya

#### Student Representatives:

Ms. Tanvi Gadoya  
Ms. Jhonavi Mehta

## Extra Miles....

### Faculty:

- Prof. Vivek Dhoot became Review Committee Member of following two International Conferences:
  1. IEEE sponsored International Conference on Advanced Communication Technology (ICACT)
  2. IEEE sponsored International Conference on Communication and Signal Processing (ICCSP)
- Prof. Vivek Dhoot cleared the PhD comprehensive Examination and became a “PhD-Fellow”, at DA-IICT, Gandhinagar, India.
- Dr. Ami Upadhyay Presented a Paper in an International Conference at Solan, Shimla.
- Attended the Event on “MATLAB and SIMULINK for engineering” on 26<sup>th</sup> July 2011 by Prof. Vivek Dhoot and Prof. Sameer Mansuri conducted by MathWorks Ltd., at Rajkot.

### Students:

#### Event - GTU Youth Festival (Zonal)

Event	Position	Name of Student
Classical Instrumental Solo (Percussion)	1	Malakiya Harsh
Classical Vocal Solo (Hindustani or Karnataki)	2	Khushboo Solanki
Classical Instrumental Solo (Non-Percussion)	1	Jaykishan Padiya
Light Vocal (Indian)	1	Khushboo Solanki
Group Song (Indian)	3	
Group Song (Western)	2	
Folk/Tribal Dance	2	
Elocution	3	Gadoya Tanvi
Skits	1	
	3	
On the Spot Painting	1	Vinay Patel
Cartooning	3	Aishwarya Sinha
	3	Ishan Kapadia
Poster Making	2	Kishan Unadkat

## Campus Life: Student's Ink

“In today's era engineering is not just technically expertise. Engineering is practicing the art of the organized forcing of technological change. Engineers operate at the interface between science and society. From decades ago engineers started to push all limits and, today engineering has influence over each particles of earth but goal is to make influenced all the particles of universe by engineering”.

(From decades, efforts of technocrats are pushing the boundaries of reality, and now, in today's world, Technology is touches every area of human life).

The world over, engineers and scientists have rightly been called real agents of change. Science is rapidly changing the way we live, work and play and we realize how our life is being made easier too. Engineers create technology and modern engineering has both physical and human dimensions. Besides designing useful products, engineers are also adept in science and management, both crucial to technological progresses.

For sustainable economic growth in the years to come, our engineers have to pull up their sleeves and play more proactive role. Engineers should make more efforts towards introducing new technology in the manufacture of our products and in the provision of services

Engineering deserves all our encouragement in fulfilling the noble task which lies ahead. As a technocrat, let's extend all support to such a professional organization and to its members and help our nation reach a higher level of progress and socio-economic development.

- Rupesh G.Vaishnav, PG-CE, MEFGI

## Campus Pulse....

- Conducted IEEE event on “Design of Micro Controller based Industrial Control System “ by Prof. Sunera G. Kargathara and Prof. Ravi C. Butani at MEFGI, Rajkot.
- An Expert Lecture by Dr. Sukesh Aghara, an Associate professor in the department of chemical engineering at Prairie View A& M University and also director, NSF CREST centre for energy and environmental Sustainability on the topic : Comprehensive Air Quality Model (CAMx) was organized by Environmental Engineering Department on 3<sup>rd</sup> of October 2011 at MEFGI campus.
- Dr. Y. P. Kosta (The Director, MEFGI) presented an invited expert lecture on “The Maxwell’s Equations” at MEFGI, Rajkot, India. He was invited by EC Dept., MEFGI.
- Prof. Anurag Lakhani (HOD, EC-Dept., Engg. Campus, MEFGI) presented an expert lecture on “Evolution of Computers” at MEFGI, Rajkot, India. He was invited by CE/IT Dept., MEFGI.
- Evolution of “The Electronic Community” by EC Department. This Community is “by students for students”.
- Industrial visit by 5<sup>th</sup> Sem students at Jyoti CNC Automation Pvt. Ltd., Rajkot.
- GTU organized its first Youth Festival and Rajkot Zone was hosted by MEFGI 14<sup>th</sup> and 15<sup>th</sup> October. Dean Engineering, Dr. Jadeja was the chairman and Dr. Ami Upadhyay was the convener of the same.
- Wipro Mission 10x Workshop Faculty Development Program from 27<sup>th</sup> June, 2011 to 1<sup>st</sup> July.
- Two of the Marwadi Students scores ‘C’ Certificate in SCOPE which is rare in whole of Gujarat.
- IEEE Gujarat section invites the students of EC/CSE/IC/ Electrical/IT of Marwadi Education Foundation Group of institute to participate in Sampark 2011.
- Expert Talk On “Mac Os & Xcode Programming” : Mr. Bhavesh D Gadhethariya, Manageing Director, Infinity Infoway Pvt. Ltd.
- Expert Talk On “Error Detection & Correction” : Prof. Rakesh D. Vanzara, Assistant Professor/HOD, IT deptt. U.V.Patel Engg.College, Ganpat University, Mehsana.
- Expert Talk On “The Computer As A Friend And Philosopher” : Dr. Rahul Dubey, Professor, DA-IICT, Gandhinagar.
- ASPIRE Conducts “ProHire” Employability Skills Development Program at MEFGI
- Dr. Marie Ardut’s Guest lecture for SCOPE students on 15<sup>th</sup> February 2012 at MEFGI.
- Global Engineering Dean’s Council (GEDC) meet at China, Director of MEFGI Dr. Y.P. Kosta and the Dean, Faculty of Engineering Dr. R.B. Jadeja were invited and participated in the discussions.
- Inauguration of IEEE Student Chapter of MEFGI on 8<sup>th</sup> December 2011. Eminent personalities like Dr. Peter Magyar from Germany, Dr. Rahul Dubey, DA-IICT etc. addressed the audience.



Wipro Mission 10x program



A scene from the venue of GTU youth festival



GTU Sports events in Progress



Marwadi Garba Event - one of the winners receiving the prize from Mrs. Savita Ketan Marwadi



A view from the Garba venue

## Tit-Bits from: Engineering Jargons

CIM-COMPUTER INTEGRATED MANUFACTURING  
CAM-COMPUTER AIDED MANUFACTURING  
CADD-COMPUTER AIDED DRAFTING & DESIGN  
AGV-AUTOMATED GUIDANCE VEHICLE  
SPC-STATISTICAL PROCESS CONTROL  
FMS-FLEXIBLE MANUFACTURING SYSTEM  
SAE-SOCIETY of AUTOMOTIVE ENGINEERS  
JIT-JUST IN TIME  
MAN-MATERIAL AS NEEDED  
AI-ARTIFICIAL INTELLIGENCE  
AMT-ADVANCED MANUFACTURING TECHNIQUES  
CAE-COMPUTER AIDED ENGINEERING  
CNC-COMPUTER NUMERICAL CONTROL  
TQM-TOTAL QUALITY MANAGEMENT  
QFD-QUALITY FUNCTION DEPLOYMENT  
PDS-PRODUCT DESIGN SPECIFICATIONS  
TRIZ-THEORY of INVENTIVE PROBLEM SOLVING  
DFM-DESIGN FOR MANUFACTURING  
ERP-ENTERPRISE RESOURCE PLANNING  
MRP I-MATERIAL REQUIREMENTS PLANNING  
MRP II-MANUFACTURING RESOURCE PLANNING  
MPS-MASTER PRODUCTION SCHEDULE  
RCRP-ROUGH CUT RESOURCE PLANNING  
ANSI-AMERICAN NATIONAL STANDARDS INSTITUTE  
SME-SOCIETY of MANUFACTURING ENGINEERS  
PDM-PRODUCT DATA MANAGEMENT  
CM-CONFIGURATION MANAGEMENT  
EDM-ENGINEERING DATA MANAGEMENT  
PIM-PRODUCT INFORMATION MANAGEMENT  
TDM-TECHNICAL DATA MANAGEMENT  
TIM-TECHNICAL INFORMATION MANAGEMENT  
TPM-TOTAL PREVENTIVE MAINTENANCE  
ASRS-AUTOMATIC STORAGE RETRIEVAL SYSTEM  
MPP-MANUFACTURING PLANNING PROCESS  
BRP-BUSINESS REQUIREMENT PLANNING



## Campus Life: Faculty's Pen;

Dear Students,  
I feel a great pleasure to have a dialog with you through our first E- news letter. The academic knowledge makes you technically well prepared and eligible globally to contribute at various levels of developments of research and innovations in different fields. Globally, technical people are layered in three levels like – first those who do labor, second those - who mediate, arrange and execute and third those - who plan, program, control and rule out the work. Needless to add, it should be your aim to be in the lead role. At Marwadi, we are committed to provide a healthy teaching and learning environment, to facilitate your overall Intellectual and Emotional growth. The collaborative hard work is the key for success. Hence, let's join hands and tune our frequencies to make our dream of achieving excellence come true in a synergetic way.

I wish you all the best and may God bless you with the strength for achieving the goal in your life for which you have started your journey from Marwadi Education Foundation.

Thank you.

**Prof. Ankur Bhogayata**  
Head, Dept. of Civil engineering

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## Scientific News: IEEE

**is offering grants for graduate and upperclassman design project student application papers.**

**Grants include US\$500 for students, with additional honoraria for faculty mentors.**

### Eligibility and Requirements

**Eligibility:** IEEE is offering grants to both students and faculty mentors to help with graduate and capstone design projects with an industry standards component.\*

IEEE will publish the results as a student application paper.

**Requirements:** Student(s) beginning a design or development project will submit an abstract summary describing the project, which includes:

- a summary of the project goal (i.e., what are you trying to build?);
- an understanding of what standards are being considered to achieve the project goal;
- a declaration of intention to submit an application paper for publication by the IEEE upon completion of the project;
- a statement of endorsement from a faculty mentor must be included.

\*Examples of industry standards: IEEE 802.11 Standard for Wireless LANs, IEEE11073 Standards for Health Infomatics, National Electric Safety Code, etc. For a list of IEEE groups working on industry standards, see Standards Working Groups. Note that eligible projects may also use non-IEEE standards.



Students from SNK School visited MEFGI Campus

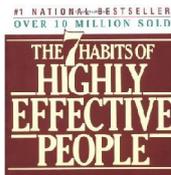
## Life is Like That ...

### Stopping By Woods on a Snowy Evening

Whose woods these are I think I know.  
 His house is in the village though;  
 He will not see me stopping here  
 To watch his woods fill up with snow.  
 My little horse must think it queer  
 To stop without a farmhouse near  
 Between the woods and frozen lake  
 The darkest evening of the year.  
 He gives his harness bells a shake  
 To ask if there is some mistake.  
 The only other sound's the sweep  
 Of easy wind and downy flake.  
 The woods are lovely, dark and deep.  
 But I have promises to keep,  
 And miles to go before I sleep,  
 And miles to go before I sleep.

- Robert Frost

## Something for All:



### Books:

#### Seven Habits of Highly Effective People by Stephen Covey

It's a bestseller by Stephen R. Covey, presenting a framework for personal effectiveness. Our character is a collection of our habits, and habits have a powerful role in our lives. Habits consist of knowledge, skill, and desire. Knowledge allows us to know what to do, skill gives us the ability to know how to do it, and desire is the motivation to do it. The Seven Habits move us through the stages required for the same. So read and Discover your 'new self'.

### Movies:

#### In Pursuit of Happiness

*Pursuit of Happiness* is a 2006 American biographical film based on a true story of Chris Gardner' nearly one-year struggle with homelessness. Will Smith's real-life son Jaden Smith co-stars Will Smith, making his film debut as Gardner's son Christopher Jr. The film is a true teacher teaching us many lessons of life. One of the most important lessons is – Happiness never lies outside, it is within so don't search for it outside have a peep within.



## Wait & Watch

1. Cult-Fest - 'Marwadi Marvels' in Mid March spreading Music & Dance in the air at MEFGI.
2. A doctor's expert lecture under 'MEFGI Women Cell' with the affiliation to 'WIE'.
3. 'Ideal Diet & Beauty Tips' - An expert talk for Girls students under women cell.
4. 'Laws for Women' - An orientation lecture for girls at MEFGI under women cell.
5. TECHQUIRE - A tech fest at MEFGI.

## COOL-CARTOONS

