



**IFTM**  
UNIVERSITY  
MORADABAD

# AROMA

Volume-1 | Issue-1 | March 2013

COVER STORY

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## International Workshop on Human Resource Management





(Late) Shri Onkar Saran Kothiwal

ज्ञानं बलमस्ति  
न हि ज्ञानेन सदृशम् पवित्र मिह विद्यते।  
तत्स्वयं योगसंसिद्धः कालेनात्मनि विन्दति॥

### *Knowledge is Power*

Our founder, Late Shri Onkar Saran Kothiwal was a philosopher, philanthropist, politician & guide who had a dream and vision to contribute to the society in more than one ways. He was the force behind creation of multiple businesses, community forums & educational institutions. He was the pioneer of professional education platform in the brass city of Moradabad. His guiding principle of "Trust Based Management" helped to design and build the world class IFTM University that imparts global education. His principles still act as the inspiration to the members of IFTM University family.....

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*Study as if you were going to live forever; live as if you were going to die tomorrow.*

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# AROMA

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Chancellor

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Vice Chancellor

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## *Mission*

To become an internationally acknowledged Institution to generate globally competitive Human resource with ethical sense, which is Capable of meeting the challenges of the society.

## *Vision*

To provide knowledge based education to our students, relevant to the need of the society and the nation, by inculcating in them the Indian values and ethos.

## *Goal*

To develop competent professionals and technocrats having self reliance and entrepreneurial skills through knowledge based learning process and to imbibe in them a passion for team work and yearning for perfection.

Message from the  
*Chief Patron*



I am pleased to know that IFTM University is going to publish the 1<sup>st</sup> issue of -'AROMA' . I hope that it will largely benefit students, faculty members, alumni and other readers. I wish all the best to members of editorial board for its successful release.

**Rajiv Kothiwal**  
Chancellor

## Message from the *Patron*



It is a matter of great pleasure that IFTM University is going to release the 1<sup>st</sup> issue of "AROMA" that reflects upon the events happened throughout the year.

I'm hopeful that this will become the platform for all the students, faculty members and other staff to express their feelings and showcase the creativity. It'll also help to unearth the hidden talent and skills of all those engaged with IFTM University.

I congratulate the editorial board for this wonderful achievement.

**Dr. R. M. Dubey**  
Vice-Chancellor

# Message from the *Editorial Board Desk*

## **Dear Readers.**

We welcome you to the 1<sup>st</sup> issue of AROMA. Hope that your valuable & constructive feedback/suggestions will not only boost the morale of editorial board members but also enhance the quality of forthcoming issues. IFTM University is progressing towards academic excellence due to the dedication of faculty members, sound administration as well as admirable attempts of scholars. This issue captures the glimpse of vital and important milestones in the journey of University in the year 2012.

The issue begins with four articles covering important aspects in the area of Corporate affairs, Electrical Engineering, Impact factor of Journals and stock market. It goes on to capture the snapshots and provide different colors present during the Annual Sports & Cultural event. A flagship event in the form of International workshop on Human Resource Management forms the cover story.

Apart from this event, IFTM University hosted several academic, social and cultural events throughout the year. The academic achievements of our faculty members in form of paper publication, book writing and Ph.D. awarded are also recorded in academic achievements section.

Hard work of students and its outcome in the form of topper has been listed along with topper's photograph for each course. We hope this segment will encourage other students to excel. We look forward towards your contributions and seek your full support in making this a grand successful journey. We have strong trust that readers will enjoy this issue.

**Happy Reading.....**



## **Editorial Board Members**



**Dr. Navneet Verma**  
Asst. Professor  
School of Pharmaceutical Sciences



**Dr. Arun K Mishra**  
Asst. Professor  
School of Pharmaceutical Sciences



**Mrs. Amrita Mishra**  
Asst. Professor  
School of Pharmaceutical Sciences



## Progress Report of IFTM University

**Prof. R.M.Dubey**

Vice-Chancellor



Institute of Foreign Trade and Management (IFTM) was a pioneering attempt to provide the world class professional education in the brass city of Moradabad in the year 1996 by a family of public spirited entrepreneurs. It was a joint vision by a philanthropist to the core and visionary in the education arena (Late) Sri Onkar Saran Kothiwal and renowned economist Dr. R.M. Dubey. IFTM was the first institute in entire Rohilkhand region to bring BBA, MBA & MIB programmes for Management education. Having tasted the success and feeling the appetite of ever growing demands of students and parents alike, IFTM ventured into other areas of professional education such as Engineering, Pharmacy and Computer Applications to cover the entire spectrum of professional courses. Year 2002 saw the addition of another feather in IFTM's cap by a new Engineering institute viz; College of Engineering and Technology (CET) was established. It offered various undergraduate and postgraduate engineering courses in Computer Science, Electronics & Communication, Information Technology, Mechanical and Biotechnology. By the year 2010, IFTM group has established itself as a niche player by becoming a "Centre of Excellence" in various disciplines of professional education providing best in class education for Engineering, Computer Applications and Pharmacy courses.

Year 2010 brought a new dawn upon IFTM group and the great dedication, commitment, perseverance; untiring efforts of the entire IFTM team were noticed and appreciated by the government of Uttar Pradesh (U.P.). Hence IFTM was granted the University status by U.P. Government vide IFTM University Act No. 24 of 2010. IFTM University started the operations from the session 2010 as it already had the necessary and university compliant facilities and infrastructure. In an endeavor to expand the horizon of its offerings in professional education space, IFTM University has added more programmes at UG, PG and Doctorate levels in different disciplines. IFTM University is also offering the Diploma courses. In addition to professional courses the University has started other courses in natural and social sciences. Apart from this, IFTM University has a comprehensive plan to start Medical college conducting different medical and paramedical courses.

IFTM University embarks upon a journey to be the "Trusted Partner of Choice" for Parents, Students, Teachers and Industry Champions. Thus with the humble beginning in 1996, IFTM has traversed a long path to become IFTM University by 2010. It strives to scale new heights and aspires to forge new partnerships with National & International bodies in order to make an indelible mark on the face of Indian Education.



## Bridging the Industry Academia Gap

**Mr. Mohit Dubey**

Director- Corporate and International Relations

With the growing number of Institutions all across the country and the dearth of quality teachers in those institutes, the role of Industry becomes vital.



As per the latest "National Employability" report compiled by Aspiring Minds, only 17.45 percent of technical graduates in the country are ready to be employed. What this also means is that the rest, that is, 82.55 per cent, engineering graduates are unemployable. The India Labour Report 2009 in its finding said by 2026, 1.4 billion youth will enter the labour force. The reality, however, is different. At present, about 53% of employed youth suffer from some degree of skill deprivation which makes them unemployable. It is evident from the findings of the above two reports that India Inc is reeling under great shortage of "readily employable" graduates coming out from the various institutions. The acute gap between the demand and supply of skilled workers has been steadily increasing in India over the past couple of years.

In all the recent surveys on the employment quotient of undergraduates in India, it was found that India Inc is facing a severe shortage of skilled manpower as the graduates in the stream of arts, commerce, science, engineering & Management churned out by the country's educational institutions are not up to the mark. Globalization will continue to transform India's economy and will provide exciting career opportunities to young professionals who possess market-driven skills. While making rapid inroads, India still faces huge gaps in skills in all sectors of the economy, leading to low employability. In the current scenario, students too are looking for not just a degree, but a significant way through which they can either get a job or enhance their career.

The need of the industry is knowledge and skills acquired with an eligibility to include skills-ready employees from day one. There is a need felt for the integration of job and learning, thus creating a need for customised programmes for the industry. The spectre of a severe shortage of trained-skilled-knowledge workers is haunting India Inc. While demographics weigh in the country's favour, quality of workforce does not. In this scenario, will industry-academia partnerships bridge the demand-supply gap?

India is a growing economy and has the attention of world players for investment and expansions. This brings about a need for ready-for-the-job people. On the other hand, there is a large set of employees who need to be skilled, re-skilled and up-skilled to meet the needs of the changing dynamics. This is only possible through the active role of industry in sharing the know-how and academia in developing programmes and solutions to fill the void.

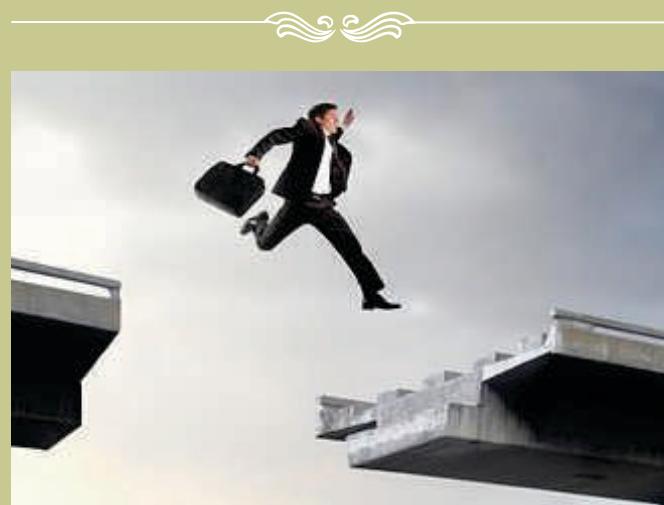
Corporate houses also feel the need for a stronger element of vocational training. We are moving towards a services economy structure. Success of countries like China, Japan and Germany can be attributed to the presence of a strong vocational training set-up. While analysts are pessimistic about overcoming the serious manpower shortage which the industry is facing, there are many who believe that collaborating with academia is the answer.

Many leading corporates undertake training programmes that cover a range of domains to take care of an organisation's total training requirements. Best practice companies link their corporate learning solutions to the long-term business strategy and marketplace challenges, and establish corporate education programme as a continuous learning system to maintain strategic momentum. Although a large number of corporates have initiated the collaborative process with academic institutions, it is predominantly to deal with the shortage within the company itself. The need for industry-academia tie-ups is becoming more pertinent. Industry pursues competitive excellence, academia brings in thought leadership and the two together can foster best practices and environment that will make us ready for the business challenges of tomorrow. The two must come seamlessly together.

Academic curriculum does not necessarily prepare individuals adequately for workplace requirements such as behavioural, communication and performance management. Industry and academia tie-ups give them the necessary exposure to hone their skills. In the given scenario, how can companies and educational institutes interact to make individuals more industry-ready? There is a need to think innovatively about how corporate and industry can interact more. The ever increasing demand for skilled professionals and domain specialization has led to innovation within the academic space.

Today, businesses are looking for innovative solutions from the academia to help meet their business needs of higher productivity and lower costs, yet increased efficiencies. In the area of talent, India has to strengthen its technical and management resources as these are crucial to knowledge-based industries. A market-driven approach to higher education has to be fostered in order to encourage manpower development from the grassroots level itself.

There are largely three most important gaps that exist in freshers today which lead to a large section of them being unemployable. The first one is the ability of our students to apply concepts to applications. Engineering students might have learned a lot of computer science or other concepts in their colleges but their ability to apply those concepts to solve real life problems require problem-solving and critical-thinking skills. The second gap is in communication skills. It's not enough that one has content but one should also have the ability to communicate the same effectively. The third gap is the inability of these freshers to work in a team as a team. At IFTM University efforts have been made to engage corporates to train the students both in soft skills and domain skills. Recently MOU has been signed with Indian Institute of Skill Development (IISD) to impart soft skills and domain training in the field of Mechanical, Electrical and Civil Engineering to Diploma students. IFTM University has also signed an MOU with Career Launcher (CL) and Reliance to impart Aptitude and Domain training for Engineering and MBA students respectively. In addition to these MOUs, IFTM University has alliances with IBM & Infosys to conduct the short term courses to enhance the employability of students.



# *Superconductors*

## A unique tool to Save Energy



**Dr. G K Banerjee**

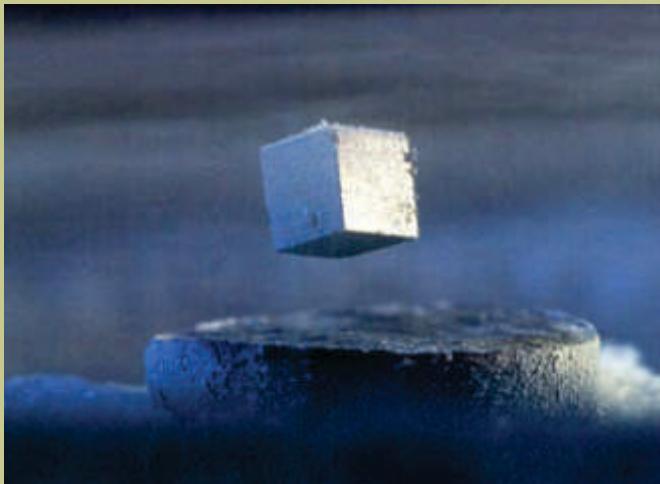
HOD- Department of Electrical Engineering



his sudden drop in resistance is the characteristics of all superconductors. Onnes found that resistance of various specimens drop to zero with in a very narrow range of temperature of only a few hundredth of a degree. A number of metals besides mercury (including tin and lead but not including magnetic metals or very good normal conductors such as copper and gold) as well as certain alloys and inter metallic compounds were soon found to be superconducting at similar low temperatures. Above the transition temperature, the metal or alloy behaved as a normal conductor. This transition temperature or critical temperature  $T_c$  of a super conductor can be reduced by the application of a magnetic field and even below the transition temperature, the material would revert to normal if the critical magnetic field and critical current exceeded.

**The state of material in which its resistivity decreases to zero is called superconductivity. It was first discovered in 1911 by Kamer lingh Onnes in Leiden when he observed that the resistivity of mercury vanished completely below 4.2 degrees kelvin.**

The superconductors were classified into two types: Type I which were pure metals, had an abrupt transition from superconducting state to normal state. In Type II superconductors, both the normal and the superconducting regions are co-existing, i.e. a mixed state was allowed for them. Other important superconducting properties were discovered during the course of last century when Meissner and Ochsenfeld carried out an important experiment in 1933 to show that magnetic flux density also vanishes in a superconductor and exclusion of magnetic flux lines take place which is responsible for magnetic levitation (used in maglev trains) and the Josephson effect in which quantum mechanical tunneling over a narrow gap between two superconductors takes place (used in extremely sensitive magnetometers). The discovery of superconductivity soon generated interest in practical applications because of its tremendous potential



to save energy.

In 1986, Bednorz and Miller discovered a new oxide ceramic superconductor ( $\text{La}_1 \text{Ba}_2 \text{Cu}_3 \text{O}_7$ ) with a critical temperature of 350K, these are known as HTS (High Temperature Superconducting) materials. Most of the current work is based on two families of materials, YBCO ( $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ ) with a critical temperature  $T_c \sim 92\text{K}$  and BSCCO ( $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{x+8}$ ) with a critical temperature of 1100 K. Like all ceramics, these materials are very brittle, very difficult to shape and handle while long, flexible superconducting wires are required for large scale applications. Some LTS and HTS small scale devices, most notably SQUID (superconducting quantum interference devices) magnetometers are now commercially available.

A SQUID contains a ring of superconductor with one or more Josephson junctions. When a current more than the critical current of the Josephson junction is passed through it, a voltage is developed which is proportional to the magnetic flux linking through the SQUID ring. The SQUID is so exceedingly sensitive that they can detect extremely low values of magnetic fields such as generated by heart and brain. Other HTS devices that are available are passive R-F and microwave filters used for wide band communications and radar. RFSQ (Rapid Single Flux Quantum) logic for integrated circuits and computers is still under

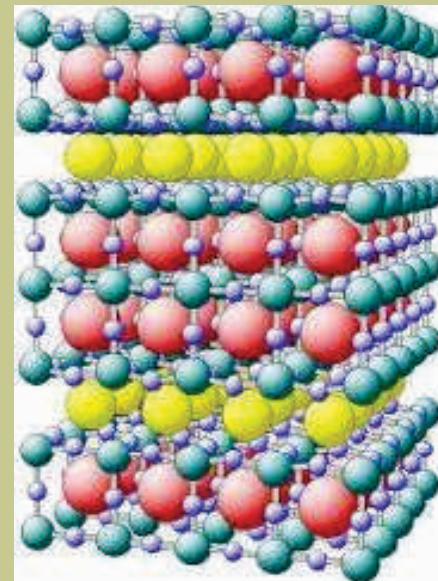
development.

Superconducting bolometers are now primarily used in the detection of heat energy transmitted from distance sources such as stars. They have low noise voltages and are extremely sensitive.

Quiterons are the latest devices that are superconducting materials separated by insulators. Their operation is dependent on a quantum phenomenon called tunnel effect. Quiterons are likely to replace the transistors. Due to this, the changes in resistance caused by changes in voltages can take place in a billionth of a second or even less. This action actually plays the same role as the transistor in an ordinary circuit but at much greater speeds. It can therefore be used to increase the processing speed of computers.

SMES (Superconducting Magnetic Energy Storage) devices are used for storing electrical energy. Electrical energy can be stored during off peak periods & then recovered during high peak conditions to affect the need for large generation or expanded transmission capacity.

Before 1990, LTS materials were used for SMES but since temperature requirement for these materials is very low, therefore HTS materials are now used for SMES systems.



HTS cables carrying 3 to 5 times more power than the conventional cable can meet power demands in urban areas via retrofit applications. Owing to exceptionally low losses, the system efficiency will be enhanced and flexibility will be increased.



## Journal Impact factor an indicator of Academic performance : Some facts



**Dr. Anurag Verma**

Director- School of Pharmaceutical Sciences

**P**ublication in scientific educational journals is a key criterion to appointment, tenure, and promotion in many universities in our country and abroad. Most universities weigh publications according to the quality or impact of the journal. In our country, On September 23rd 2009, the University Grants Commission notified its Regulation on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education. Accordingly, publication of research papers/articles in reputed journals has become an important factor in assessment of the academic performance of teachers in colleges and universities in India. One of the measures of reputation and academic standard of a journal is the so-called 'Impact Factor'. Two decades ago most of the researchers, academics, librarians, information scientists etc had never heard of the word impact factor of a journal. Now they are obsessed with them. Now question arises that when was the impact factor conceptualized, and what was its intent? The impact factor was first mentioned by its inventor, Eugene Garfield, in Science in 1955. He proposed that a system should be devised for an original scientific paper that would provide a complete listing of all the original articles that had referred to the article in question. The intent was to eliminate the uncritical citations of the fraudulent, incomplete or obsolete data by making it

possible for the conscientious scholar to be aware of criticism of earlier papers. Eugene Garfield, in his article published in Science quote that, "The uncritical citation of disputed data is a serious matter, buried in scholarly journals, critical notes are increasingly likely to be overlooked with the passage of time, while the studies to which they pertain, having been reported more widely, are apt to be rediscovered. The second most obvious question is how impact factor can be used to evaluate the quality and prestige of research centers and authors? Research administrators and others want objective criteria for evaluating the past performance of individuals, departments and institutions—indeed entire countries. By balancing publication counts with citation counts one can get a better picture of performance. The basic assumption is that if you get published in high impact journals that probably say something about the general quality of your paper. However, it is no guarantee it will be cited. Is journal impact factor a good measure of research merit?

In some studies just the fact that a researcher got published in a good journal is enough evidence that the research may have had some international significance. There were cases where huge research grants were going to researchers with political connections but not a shred of evidence of decent research output. It is very easy, in many countries, for entrenched researchers to hide their ineffectiveness by publishing in local journals with little or no external peer review. The importance of impact factors to authors and editors encourages indiscriminate citations. Authors cite themselves and each other in 'citation cartel' in order to boost their impact factors, and some editors require authors to cite work in their journals in order to increase the impact factor of the journal. This is where the impact factor has had its major limitation as a tool of research assessment.



## Learning lessons from *Stock Market*

**Dr. Manjula Jain**

Director- School of Business Management

With the growing awareness of financial education; stock markets make an excellent place for spiritual learning as they are in news every day

From time immemorial, we as a human being have been searching for a true meaning of life and spiritualism. From listening to spiritual enchantments to visiting sacred pilgrim places, we have been trying to quench this thirst. But to our despair, our quest remains unsatisfied. As a management learner, we can resort to some unconventional means for understanding the same. In today's dynamic world, Stock markets have touched the nerve of all segments of people, who erstwhile were ignorant and wary of financial world .With the growing awareness of financial education; stock markets make an excellent place for spiritual learning as they are in news every day. It is quite natural that whenever we think or talk about it or invest in the stock market, we would not normally look at the spiritual perspective. Stock markets are all about trading, incomes and losses, bulls and bears, hypothesizing and anticipating. While investing in stock market is primarily intended for making windfall gains and huge money, there is a spiritual side to trading, and someone who is receptive can learn a lot of lessons about life here. As is life, so is the stock market, since both of them share twin commonalities: uncertainty and unpredictability. As we resort to the science of astrology to predict our future happenings, so as in the stock market there are lots of stock gurus predicting market's trends. Every morning, although we have a broad idea of how our day is likely to be, we cannot predict with surety about events that might happen or not happen during the day. Similarly, every stock trader and broker knows that the behavior of the markets cannot be predicted with confidence. While the general trends might be predicted or

anticipated, what eventually happens when the markets open and trading begins, is known only minute by minute. This is true of our lives too, where life flows moment to moment; we can only live in the present.

Life is enmeshed in duality, with its ups and downs, victories and losses. The same is true of stock markets, where investors move from happiness to sorrow and from ecstasy to dejection, with cyclical regularity. As in life, with stocks too, no one is a permanent winner or loser. One common element constant for both is CHANGE and is inevitable.

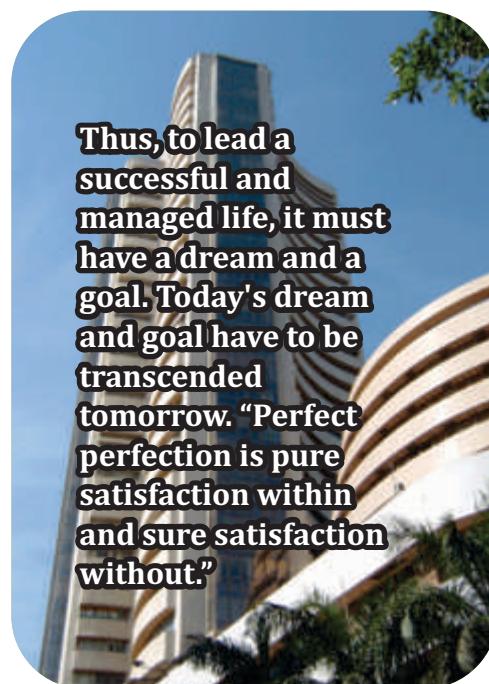
Stock markets and life are about being in the present moment, making continuous assessments of the current situation, and then taking whatever course of action seems right to us, at that instant. And these actions might bring about results which are acceptable or unacceptable. One must have the maturity to accept both the good and the bad with equanimity.

Life is all about putting in our best efforts and then surrendering to a higher authority or power. This letting go is often required in investing too where, after having made a decision, one should not continuously be thinking about it. We should learn to accept that which we cannot change. At the same time, we should try to avoid callousness and carelessness in our approach, as these qualities always lead to trouble. Life and the stock markets are ruled by two emotions-greed and fear. Depending on mindsets of individuals, some might veer more towards greed, while many might act predominantly from fear. Similarly, investing all hard earned money in the stock market in expectation of windfall gains may be too risky and



irrational. What is needed is a healthy balance of desire and caution; else we either get too greedy or are too scared. Extreme greed and extreme fear lead more to losses than profits and are major causes of misery and unhappiness.

Life moves in cycles and good times are followed by not-so-good times. On the stock market there are winners, there are losers and often roles are reversed. The qualities that make our life joyous, balanced and harmonious - awareness, presence of mind, maturity, patience, truthfulness to oneself, acceptance, and an ability to forgive and forget, resilience, and trust and faith in a higher power - are the very traits that will hold any trader in good stead, through buoyancies and crashes, and will ensure that he does not lose his peace of mind and become a victim of stress, anxiety and depression.



The need of the hour is to maintain balance at all levels and in all walks of life to feed our starving mind and attain life par excellence.





## Cover Story

### International Workshop on Human Resource Management

Our school of Business Management in collaboration with Institute of Human Resource Advancement, University of Colombo, Sri Lanka organized an International Workshop on Human Resource Management (HRM) in the month of November 2012. The International Workshop experienced a group of around 70 delegates from University of Colombo participating under their HRM Unit Coordinator – Mr. M.G.G. Hemakumara. The presence of notable resource persons such as Dr. Upali Mahanama, (International Marketing Consultant and Corporate Trainer, the proud father of ex-captain of the Sri Lankan cricket team Mr Roshan Mahanama) made the workshop even more spectacular.

Dr Mahanama highlighted the facts that are the barriers in the development of the two countries India and Sri Lanka, both economically as well as in terms of handling the ample human resources that are present in both the countries.

The urge for changing the mind-set of corporate individuals from "I" to "We" was encouraged by the eminent mastermind.

The night of 20th November was lit up with the cultural galore presented by the students and faculty members of School of Business Management in front of the highly cheerful crowd of Sri Lankan delegates. The visitors were in full mood to swing to the Bollywood tunes and The International Workshop provided to be a wonderful platform for exchange of ideas and intermixing of various practises of HR followed in the two countries. The Sri Lankan delegates were more than impressed by the hospitality and treatment offered by the organizing body – the IFTM University. A viewpoint regarding conducting of Workshops of such category in a regular basis was put forward by many participating members and coordinators.



## Annual Sports Week

### Celebrations



port is the backbone of our good health" these were the words of Hon'ble Chancellor at the inaugural ceremony of Annual Sports Week. IFTM University organized the annual sports week in the month of March to enable students to interact with each other from various Schools within the university. The event was inaugurated by the Hon'ble Chancellor Shri Rajiv Kothiwal and accompanied by Hon'ble Vice Chancellor. Hon'ble Chancellor lighted the lamp and garlanded Goddess Maa Saraswati.

About 500 students from all departments participated in the events like cricket, badminton, table-tennis, football, short and long distance race, chess etc. Throughout the Sports Week a good number of inter-school competitions



were held and during the session, the students and faculty members of different schools enjoyed in full swing.

On the last day of sports week, the medals and shields were distributed by the Hon'ble Vice Chancellor, Prof. R M Dubey to the winning teams and players.

The event was organized by the Sports & Cultural Committee of the university. Hon'ble Vice Chancellor congratulated Mr. Vaibhav Trivedi, Director- Sports & Cultural Committee. He also congratulated Mr. Intezar Mehdi, Dean of Students Welfare, for peaceful completion of the sports week. He also praised and congratulated the participants for maintaining peace and discipline during the games.



## Foundation Day Celebrations

IFTM University celebrated the first foundation day in March 2012. A grand and gala function was organized in the open air theatre of IFTM University. The event was inaugurated by our Honorable Chancellor Shri Rajiv Kothiwal by lighting up the lamp in front of Maa Saraswati, after that the Saraswati Vandana was presented by the students of the university. On this occasion Honorable chancellor also addressed the students and said the university is scaling new heights due to the good quality education and better management.

The cultural program also made the moment very cheerful. On the stage, the anchor of channel "V" Ms. Purnima and anchor of UFM Mr. Ali were present to co-ordinate all the activities of the program. A number of dances and plays were performed on the stage by the students of the university and Rudraksh group of Delhi. A sensational Rock-show followed the dance troops and mesmerized the audience with their performances for almost 3 hours. On this occasion, the toppers of various disciplines in academic field were also felicitated by Vice-Chancellor, Prof. R. M. Dubey by giving them Gold and Silver medals.





## UGC-NET-2012 QUALIFIED



**Mrs. Madhulika Dutta**  
Asst. Professor  
School of Business Management



**Mr. Himanshu Gupta**  
Asst. Professor  
School of Business Management

## Plantation



The importance of trees in purifying the air, as natural resources, maintaining the ecological balance, preventing soil erosion, as medicines, habitats for fauna, providing nutrients to the soil etc. are well known to mankind.

IFTM University family did plantation in July 2012. Every year, plantation programme is organized to maintain the ecosystem.

# RESEARCH ARTICLES BY OUR FACULTY

PUBLISHED  
IN 2012



**S.D. Sharma**

"Synthesis and thermal stability of some inorganic ion exchangers based on silicon and Tin", *J Therm Anal Calorimetry*. 2012; 108: 843-50.



**Rahul Kumar Mishra**

"Admission control prototype for real-time databases", *Int. J Adv Networking and Applications* 2012; 4 (1): 1456-61.



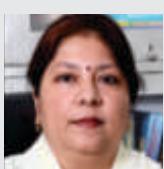
**Anurag Verma**

"Low molecular mass chitosan as carrier for hydrodynamically balanced system for sustained delivery of ciprofloxacin hydrochloride", *Acta Pharmaceutica* 2012; 62 (2): 237-50.



**Vikas Gupta**

"Removal of Pb and Ni from industrial waste water by using brass industry waste (slag) as an adsorbent", *Adv Appl Sci Res.* 2012; 3 (4): 2468-73.



**Nisha Agarwal**

"Green Marketing-is Not Just a Catchphrase - It is marketing", *International Journal of Management & Business Studies* 2012; 2(1): 22-24.



**Nikhil Rastogi**

"Theoretical predictions of physical parameters in glassy Ge<sub>x</sub>Se<sub>80-x</sub>Te<sub>20</sub> alloys", *Eur J Appl Engg Sci Res.* 2012; 1 (4): 160-6.



**Sanjay Mishra**

"Studies on isolation and characterization of antibiotic producing microorganisms from industrial waste soil sample", *The Open NutraJ.* 2012; 5: 169-73.



**Sushil Kumar**

"Synthesis, computational studies, and preliminary pharmacological evaluation of new arylpiperazines as potential antipsychotics", *Medicinal Chem Res.* 2012; 21(7): 1218-25.



**B.K. Singh**

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**Ashish Kumar**

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**Intezar Mahdi**

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**Mukesh Chandra**

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**Navneet Verma**

Preparation of Mucoadhesive Patches for Buccal Administration of Metoprolol Succinate: In Vitro and In Vivo Drug Release and Bioadhesion, Tropical J. Pharm. Res., 11(1), 2012: 9-17.


**Arun K Mishra**

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**Surya Prakash Dwivedi**

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**Prashant Upadhyay**

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**Najam Ali Khan**

"Protective effects of amlodipine on mitochondrial injury in ischemic reperfused rat heart", J Environ Biol. 2012; 33: 591-5.


**Neelu Trivedi**

"Enhancement in wireless mesh network including its capacity parameters", Int. J Sci Technol (IJST). 2012; 2 (2): 1-7.


**Shiv Sankar Bhattacharya**

Al+3 ion cross-linked interpenetrating polymeric network microbeads from tailored natural polysaccharides. International journal of Biological Macromolecules.2012, 51(5),1173-1184


**Vaibhav Rastogi**

Transdermal Drug Delivery System: An Overview, Asian Journal of Pharmaceutics, 2012; 6(3): 161-170.


**Nabeel Ahmad**

"L-asparaginase gene- A therapeutic approach towards drugs for cancer cell", Int. J Biosci. 2012; 2 (4): 1-11.


**Neha Nagpal**

"Histopathological study of liver of Heteropneustes fossilis (Bloch) exposed to pulp and paper mill effluent-I", J Environ Bio-Sci. 2012; 26 (1): 143-5.


**Desh Deepak**

"Pollution status of river Ramganga water around Moradabad by using Sequential Comparison Index", Asian J. Microbiol. Biotech. Env. Sc. 2012; 14(2): 277-80.



# BOOKS/CHAPTERS/RESEARCH MONOGRAPH



**G.K.Banerjee**

Electrical and Electronics Measurement (PHI Learning Private Limited, New Delhi) 2012



**Neerja Dwivedi**

Rapid identification of Mycobacterial species by PCR (Published by Lambert Academic Publishing, Germany), 2012; I Ed (ISBN: 978-3-8465-9811-5).



**Manjula Jain**

Impact of Globalization on Indian Rural Market, published in Resurging India- Myths and Realities (Published by Excel India Publications), 2012; ISBN 978-93-82062-04-2.



**Viksit Tripathi**

The Role of Small and Medium Scale Enterprises in the future of Emerging Economies (A Case Study of India), published in Resurging India- Myths and Realities (Published by Excel India Publications), 2012; ISBN 978-93-82062-04-2.



**BK Singh**

Remedial Mathematics (For B.Pharm I year/I semester students; Vigyan Bodh Publication, Agra) 2012.



**Anshika Sharma**

Challenges Faced by Indian Incorporations in the Era of Recession, published in India Inc: Managing for Tomorrow (Published by Savera Publishing House, India) 2012; ISBN 978-93-81771-03-7.



**S.P. Dwivedi**

PCR Based Molecular Detection of Haemophilia A Carriers (Published by Lambert Academic Publishing, Germany), 2012); I Ed (ISBN: 978-3-8465-4937-7).



**Desh Deepak**

Microbial toxins in plant pathogenesis, In: Microbial Toxins and Toxigenic Microbes (Published by Studium Press LLC), Texas (USA). 2012; pp 465-87.

Our Student made an Eco-friendly Tri-cycle, having two solar panels of 12 volts & 40 volts, and this tri-cycle runs on solar energy.

## Student Corner



Mr. Anup Kumar Maurya,  
Mr. Vipul Chahal and  
Mr. Girish

B. Tech Mechanical Final Year

Mr. Vaibhav Rastogi,  
M. Pharm. Final year

Ms. Shikha Deshwal  
M. Pharm. Final year



He got the Gold medal in an International conference organized by Innovative Pharmacy group of Bhopal.

She got the best poster presentation prize in a conference organized by Society of Pharmaceutical Education & Research (SPER) in Delhi.

THANKS TO OUR

# *Recruiters & Training Partners*



**Dr. Aditya Sharma**  
Addl. Director  
Corporate Relations

- Ashok Leyland
- Cadila Health Care Ltd.
- Essence Pharma
- Everest Blower Company
- Exchange India Limited
- Global Step India Limited
- HDFC Bank
- Indian Army

- Infosys
- Jubilant Life Sciences Limited
- Merchant Navy
- MTS Mobile Company
- Niscom Tele-Infra Limited
- Nokia India Ltd.
- Pharmasindh Formulation Ltd.
- P-II Power Solution

- R S Associate Private Ltd.
- Ranbaxy Laboratory Limited
- R-Money Limited
- SCI Soft-Tech Company
- Synergy Software Limited
- Tata
- Usha Feb Limited
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**ASHOK LEYLAND**



**Cadila**  
Healthcare Limited

**TATA**

**RANBAXY**  
LABORATORIES LIMITED

**HDFC BANK**  
We understand your world

**IBM**



**D**epartment of Mechanical Engineering and Department of Civil Engineering, School of Engineering & Technology (SET) organized a two days Faculty Development Programme on "Geo-informatics". The event was inaugurated by Dr. B N Basu (Ex-Professor, BHU, Varanasi). On this occasion Dr. Alak Rai (Former Director, KNIT, Sultanpur) and Dr. P S Mahar (Director, Dept of Civil Engineering, Pant Nagar University of Agriculture & Technology) were also present.

## SEMINARS/CONFERENCES



Peer faculty Enablement Programme for the faculty members of IFTM University was organized by Ms. Arkja Singh, Ms. Nishtha Sharma, Ms. Ritika Khanna & Ms. Swati Rai (Assistant Professors, School of Business Management) to enhance the team building and leadership skills among the participants.



## **PHARMACY WEEK-2012**

### *Celebrations*



School of Pharmaceutical Sciences, IFTM University, celebrated "Pharmacy Week" this year during the second week of December. The major focus of Pharmacy Week celebrations was to create awareness among the members of our society about various health related issues. A health problem becomes a public health responsibility if or when it is of such character or extent as to be amenable to solution only through systematized social action. Public Health is a mission for the fulfillment of society's interest in assuring the conditions in which people can be healthy, through organized community efforts aimed at the prevention of disease and the promotion of health, using activities undertaken within the formal structure of government as well as the associated efforts of private and voluntary organizations and individuals, important members of the health care team.



## Leaders Speak Series

- In January 2012, Retd. Indian Foreign Services (IFS) officer **Mr. Amitava Tripathi** discussed with the faculty members of the university on “India's Global Profile - Myth & Reality” in the university Auditorium.
- **Mr. G P Upadhyaya**, an IAS officer interacted with the faculty members and discussed “Role of Engineering & Management Education in Leadership” in February 2012.
- **Mr. Rajiv Bhatia** (Retd. IFS) delivered a lecture on “The changes going on in the corporate sector at National & International level” in March 2012.





## Guest Lectures



- **Dr. K M Sharma** (Former Director, Motilal Nehru Institute of Research and Business Administration) delivered a lecture in School of Business Management on “**Probable Challenges in Management**”.
- **Mr. Manas Tyagi** (Chief Officer, Infosys) delivered a lecture in School of Engineering & Technology on “**Soft Skill Training**”.
- **Dr. P K Bhatnagar** (Professor, Delhi University) delivered a lecture in School of Applied Sciences on “**Nano-technology**”.
- **Mr. Shailesh Agarwal** (Professor, IITM, Delhi) delivered a lecture in School of Business Management on “**Personnel Development**”.
- **Dr. P N Mishra** (Professor, Devi Ahilya Bai University) delivered a lecture in School of Business Management on “**Changes to strengthen the management**”.
- **Dr. Rajendra Parihar** (Production Manager, VHB life-sciences) delivered a lecture in School of Pharmaceutical Sciences on “**Challenges in the field of Pharmacy**”.
- **Dr. A K Sarkar** (Professor, Dept. of Management, MJP Rohilkhand University, Bareilly) delivered a lecture in School of Business Management on “**Different Types of Success**”.

## Doctorate Awarded



**Dr. Anurag Verma** has been awarded the doctorate degree from Gautam Buddha Technical University, Lucknow, in the area of Pharmaceutical Sciences under the guidance of Dr. J K Pandit (Ex-Professor, IT-BHU, Varanasi) and Dr. A K Wahi (Ex-Professor, IT-BHU, Varanasi).



**Dr. Manoj Kumar** has been awarded the doctorate degree from G.B. Pant University of Agriculture & Technology Pantnagar, Uttarakhand, in the area of mechanical engineering under the guidance of Dr. P L Sah (Professor, G.B. Pant University of Agriculture & Technology).



**Dr. Ashish Kumar** has been awarded a doctorate from University of Petroleum and Energy Studies Dehradun, Uttarakhand, in the area of Computer Science engineering under the guidance of Dr. M. Q. Rafiq (Professor, Aligarh Muslim University, Aligarh).



**Dr. Navneet Verma** has been awarded a doctorate from Bhagwant University, Ajmer, in the area of Pharmaceutical Sciences under the guidance of Dr. P Chattopadhyay (Scientist & Group Head, DRDO, Tezpur)



**Dr. Arun Kumar Mishra** has been awarded a doctorate from Bhagwant University, Ajmer, in the area of Pharmaceutical Sciences under the guidance of Dr. P Chattopadhyay (Scientist & Group Head, DRDO, Tezpur)



**Dr. Najam Ali Khan** has been awarded a doctorate from Gautam Buddha Technical University, Lucknow, in the area of Pharmaceutical Sciences under the guidance of Dr. K K Maheshwari (Professor, MJP Rohilkhand University, Bareilly) and Dr. A K Wahi (Ex-Professor, IT-BHU, Varanasi).

# Congratulation

## TO ALL THE STUDENTS

SECURING FIRST POSITION (2011-12)



**Dr. Anuj Srivastav**  
(Controller of Examinations)

Vaishali Singhal MBA Ist Year	Vaishali Rajput B.COM(H) Ist Year	Anupam Tyagi BBA Ist Year	Bhuvnesh Singh B.PHARM Ist Year	Humama Furqan M.PHARM, Pharmac- eutics, Ist Year	Tanmay De M.PHARM, Pharm. Chemistry, Ist Year	Santosh Kumar M.PHARM, Pharma- cognosy, Ist Year	Sumit Kumar M.TECH(ME) Ist Year
Sonali Gupta M.TECH(EC), Ist Year	Navita Aggrawal M.TECH(CS) Ist Year	Ankit Kumar M.TECH(BT) Ist Year	Alok K Sharma MCA Ist Year	Mandeep Kumar BCA st Year	Prena Chauhan M.Sc., Physics, Ist Year	Mehvish Salman M.Sc. Chemistry, Ist Year	Lalita M. Sc, MATH Ist Year
Md. Bilal M.Sc, Zoology Ist Year	Kamna M.Sc, Botany Ist Year	Nikita Aggarwal M.Sc, (Biotechnology) Ist Year	Faizeen Naaz B.Sc, (Biotechnology) Ist Year	Neha Singh B.Sc, Microbiology Ist Year	Vasu Goyal B.TECH(BioTech) Ist Year	Abhishek Rana B.TECH(CE) Ist Year	Amit K Tiwari B.TECH(CS) Ist Year
Anand Singh D.PHARM Ist Year	Niteshwar Mishra B.TECH(EC) Ist Year	Abhishek Gupta B.TECH(EC) IIInd Year	Santosh Kumar B.TECH(EE) Ist Year	Ankit K Sagar B.TECH(ME) Ist Year	Neeraj Kumar B.TECH(ME) IIInd Year	Nidhi Siddhu BSc(PCM) Ist Year	Dheerendra Singh DIP(CE) Ist Year
Praveen Chauhan Diploma(CE) IIInd Year	Ritika Pandey Diploma (CS) Ist Year	Reena Diploma (CS) IIInd Year	Vicky Diploma (EC) Ist Year	Pradeep Singh Diploma (EE) Ist Year	Khan M Raja Diploma (EE) IIInd Year	Pushpendra Agnihotri Diploma (ME) Ist Year	Akhilesh Singh Diploma (ME) IIInd Year

## IN-HOUSE *Development*

Mr. Deepankar Bhardwaj is a team manager in the department of Corporate Resources Centre (CRC). He mentored the students of B.Tech (CS) final year and his team members Mr. Ashish Nageela, Mrs. Ritu Upadhyay and Ms. Archana Chaudhry to develop the university's website [www.iftmuniversity.ac.in](http://www.iftmuniversity.ac.in). It was an in-house project and the team spent close to 2 months working long hours to come up with the first in-house project of IFTM University. A unique feature of "Programme Finder" helps the user quickly search the details of various courses available in the University. He also played a significant role in coming up with an application to display the online results of all students on University website.

University is in the process of migrating to cloud based ERP system to automate the processes. He is currently engaged in the same project to customize the ERP system with special features of Admission/Registration, Fee Management, Student management, Employee Management, Examination etc functions.



**Mr. Deepankar Bhardwaj**

### *Team Members* OF CRC



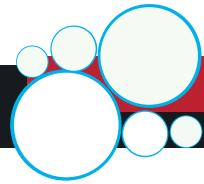
**Ms. Archana Choudhary**



**Mr. Ashish Nageela**



**Ms. Ritu Upadhyay**





# IFTM UNIVERSITY

(Established under UP Govt. Act No. 24 of 2010 and approved under section 22 of UGC Act 1956)

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