IFTM UNIVERSITY
MORADABAD

AROMA

Volume - 2 | Issue - 1 | March 2015

INDIANA UNIVERSITY

COVER STORY

Page 14

(Late) Shri Onkar Saran Kothiwal

विद्या ददाति विनयं विनयाद्याति पात्रताम्।
पात्रत्वाद्धनमाप्नोति धनाद्धर्मं ततः सुखम्।।

Knowledge Leads To Happiness

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……

> *Education is for improving the lives of others and for leaving your community and world better than you found it*

IFTM UNIVERSITY
MORADABAD

AROMA

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Our Vision

To be a Respected University by imparting research focused education in all the disciplines to increase Access, Equity and Quality of education.

Our Values

In all that the University does, we will aspire for

- Honesty and Transparency
- Indian Ethics and Culture
- Respect for All
- Foster
- Innovation and Creativity
- Value Excellence, Quality and Service

Our Mission

IFTM University is committed to provide peaceful and serene environment for skill development and knowledge building by emphasizing on teaching, engaging in research, participating in the various community activities and collaborating with local/ national Organisations of repute for the development of youth.

Message from the *Chief Patron*

It is a fact that various schools of IFTM University are podium of research and creativity of knowledge with full of genius minds. The editorial board of Aroma is trying to reflect all that creativity, research and other achievements in the forthcoming issue of Aroma.

I hope this platform will largely benefit to the scholars, faculty members, alumni, and other readers. I wish all the best to the editorial board members for its successful release.

Rajiv Kothiwal
Chancellor

Message from the *Patron*

I am delighted to see the release of 2nd issue of AROMA in grand fashion. I'm hopeful that this issue will serve as an effective tool to exhibit the activities of entire University in the past session.

It will act as the platform for all the scholars, faculty members and other staff members to express their feelings. It'll also assists to explore the hidden talent and skills of all those attached with IFTM University.

I congratulate the editorial board for this wonderful achievement.

Dr. R. M. Dubey
Vice-Chancellor

Message from the *Registrar*

It is a great feeling to see the 2nd edition of AROMA out at this time. It covers all the "Happenings" of the University and present the same in an easy to read fashion. It's a treat to watch the team work of editorial team culminate in this wonderful and colorful form. I'm particularly excited about the range of topics covered by the team in this edition.

I wish all the success to the team and hope that this edition will mark a major milestone in the journey of editorial team members. I hope the readers will like the different flavours of IFTM University showcased on this platform.

Sanjeev Agarwal
Registrar

Message from the
Editorial Board Desk

Dr. Navneet Verma
Asso. Professor,
Department of Pharmacy

Dr. Arun K Mishra
Asst. Professor,
Department of Pharmacy

Mrs. Amrita Mishra
Asst. Professor,
Department of Pharmacy

Dr. R. K. Yadav
Asso. Professor,
School of Business Management

Dr. Swastika Tripathi
Asst. Professor,
School of Business Management

Dr. Meenakshi Tripathi
Sr. Training &
Placement Officer

We welcome the 2nd issue of AROMA and hope that your valuable & constructive feedback/suggestions will assist editorial team members to touch the boundaries of correctness as well as improve the version of forthcoming issue. IFTM University is progressing towards academic excellence and touching the peak of success. The key behind this is dedication of faculty members, sound administration as well as appreciable efforts of scholars towards learning every time. This issue reflects the events and programmes held in the journey of University from time to time.

The issue begins with three articles covering important aspects in the area of Lead Poisoning, Biotechnology and Real time computing system. This issue of Aroma exhibits the snapshots of entire IFTM University with different colors. It also embarks upon the events related with annual sports and cultural events.

The Chancellor of IFTM University visited Indiana University (IU), USA to exchange the ideas about Organizational set up, management practices and system followed for growth and sustainability. This visit to IU is the cover story of current issue of AROMA.

Faculty Development Programme (FDP) sponsored by World Bank Scheme (TEQIP-II) jointly organized by School of Engineering & Technology. The objective of this event was to improve the quality of technical education and enhance existing capacities of the Institutions in becoming dynamic, demand-driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at national and international levels.

The activities like celebration of Teachers day, National Pharmacy Week, Blood Donation Camp, Health Checkup Camp, Plantation, etc. are integral part of this issue. This segment will encourage students for their active participation in community development. This edition also features the new establishments within the University such as- Crop Production Centre, Staff Club and Hostel Fitness Centre etc.

The academic achievement by our faculty members in form of paper publication, book writing and Ph.D. awarded are also recorded in academic achievements section. Leaders speak series by various eminent personalities in their fields was also organized to make the members of IFTM University aware about scenario of present era.

Hard work of students and its outcome in the form of gold medalists has been listed for each course. We hope this segment will encourage other students to excel. We look forward for your contributions and seek full support in making this issue a grand success. We have strong trust that readers will enjoy this issue.

Happy Reading.....

Success Story of IFTM University

Dr. Mohit Dubey
Pro Vice Chancellor

IFTM University has blossomed into a multi-disciplinary centre that offers quality education in more than 50 courses of diploma, undergraduate, postgraduate and doctoral programmes in engineering, business management, pharmacy, biotechnology, microbiology, arts, sciences, law, journalism and mass communication. New diploma and undergraduate courses in agricultural, dairy technology, food technology as well as postgraduate courses in bioinformatics, process and food technology etc have also been introduced from current session and University is on the continuous path of development and progress.

India produces the world's second largest agricultural output but to meet the emerging challenges for augmenting food production, scientific techniques should be employed to derive maximum benefits from a given piece of land. Keeping in view the requirement of education in agriculture, we have started a crop production centre in University campus. Other than serving the educational purpose, greenery of crop production centre has also added to the aesthetic beauty to the campus.

A vibrant staff club has been a recent addition to University campus. The staff club is committed to being a distinctive forum where all members within a unique, comfortable environment share ideas, friendship and social events.

After being chosen the only Private Institution in UP for World Bank's prestigious TEQIP Phase II funding to promote research and Post Graduate programs, IFTM University have taken new measures to strengthen the research work. Leveraging the technology has helped us to automate many University's operations thereby enhancing the efficiency of whole University system.

In order to improve quality of research work for Ph.D. programme, University took initiative by setting up a research Cell. It conducts regular research degree committee meetings in presence of external eminent experts of their field. The research cell monitors strictly the compliance of standards and procedure for awards of Ph.D degree as per latest UGC guidelines.

The magnificent auditorium with 200 seating capacity is available in the administrative block of University campus. This facility is being used for various functions, cultural events as well as meetings.

True to it's academic tradition and culture, University has built a new Central library of International Standards providing easy access to researchers and students including facility of e-library, intranet and internet connected digital library. The Central library houses exclusive books, journals, reports, documentaries on science, arts, law and allied fields. A separate work station as reference section for the research scholars has been set up to facilitate round the clock access to research related literature.

The University has developed an extensive range of sport facilities, including a Sports Centre, Fitness Centre and Indoor games unit. Competitive sports are organized in mid of March every year in University sports ground with the objective to develop better social skills.

The UGC Expert Committee visited IFTM University to review the University functioning. The team members proceeded to visit the facilities and infrastructure of the University. After detailed tours of various academic departments and interaction with the students, teachers, non-teaching staff and the Governing Body members, expert committee appreciated the functioning and academic environment of University.

In order to expand it's wings and creating awareness of India's foreign policy measure among citizens of India, Indian Council of World Affairs (ICWA) has started it's "Outreach Programme" in Hindi speaking belt. Under this programme, ICWA team headed by Mr. N. K. Saxena, Dy. Director General, ICWA visited IFTM University and conducted a seminar, debate, painting competition. This event was a milestone event as it created awareness among the students and faculties of IFTM University.

Lead Poisoning and today's World

Dr. S D Sharma
Professor, Deptt. of Chemistry.

Many of the "lead poisoning" effects such as dysfunctions in living humans and undesirable mutations in the human germ plasm are probably irreversible.

One of the seven metals known to the ancient world, lead has been discovered in upper Mesopotamia (Today, Turkey) in 6500 B.C. and has been mined and used by the man since at least 4000 B.C. However, its use increased markedly in Greeco–Roman era and became a health hazard. The metal was extensively used in plumbing and for making domestic utensils whereas its salts were used in medicines, paints and cosmetics. As a microbicide, it was also used to preserve food.

Surprisingly, "Lead poisoning" is not very much known to most of the people although it is still a potent industrial disease. It is known that the present western cultures have their foundation on industrial revolution. In mid eighteenth century, the increase in the production and use of lead elevated to common levels the incidence of what today would be called "lead poisoning". This was somewhat countered by working out the principal clinical manifestations of "lead poisoning" in workers exposed to lead products and also finding various sources of industrial lead causing the illness. The problem was dealt by controlling inadvertant lead exposures to the workers to alleviate their sufferings. Government agencies gradually implemented diagnostic and preventive actions in order to protect the health of such workers and considered "lead poisoning" as an occupational hazard.

In the early years of 20th century, "lead poisoning" was treated globally but the later use of lead was probably the most serious mistake yet made by the people. In mid 1920's, the petroleum industries started using lead alkyls in gasoline for the refining process and to increase fuel efficiency. The lead alkyl additive was an extremely powerful CNS (Central Nervous System) poison as a drop of it placed on the skin, immediately absorbed and passed by blood to the brain, was sufficient to cause death within couple of weeks. Meticulous precautions were, therefore, taken by diluting the lead alkyl concentrate to minimize the hazards. This is done by mixing it with gasoline thereby greatly reducing the acute solubility of the alkyls in skin and thus making it much less toxic. The solution of the problem of "lead poisoning" associated with the production and public use of such materials was based on the mistaken belief that "lead poisoning" was an occupational hazard and that certain lead levels in human populations were "normal" and therefore 'safe'. Unfortunately, the failure to understand that lead alkyls were environmental poisons is the principal reason why the earth is now poisoned with lead. Though, lately lead free gasoline is prevelant in use.

Various studies have, now, revealed that lead is also a neurotoxin especially detrimental to the developing nervous system of the feutus, babies and young ones. Most children with elevated blood lead levels are asymptomatic, but irreversible damage to the development leads to a lowering IQ and there are substantial statistical correlations between behavioral problems due to consumption of leaded gasoline over years. Widespread lead exposure may be responsible for a general reduction in the mean IQ of children. Young children may be exposed to lead through contact with paint, water, dust and soil. While chelating agents can be used to treat overt lead poisoning and possibly reduce the case fatality rate, these agents have been demonstrated not to improve IQ or behavioral consequences of lead exposure. Primary prevention is, therefore, the most important and significant strategy which includes measures that restrict the use of lead or that remove lead from environment before exposure occurs. As per the recommendations of clinicians, certain vitamins and minerals, especially calcium, iron and vitamin C, play a specific role in minimizing lead absorption as reviewed by the American academy of pediatrics.

It has, recently, been found that epigenetic mechanisms may play a role in how early life exposure to lead influences development of the brain and other organ systems. These alterations involve chemical modifications to the DNA, or regions surrounding the DNA but do not involve mutations to the DNA sequence itself. Such alterations can influence patterns of gene expression and can persist even in the absence of continued exposure to lead. Epigenetic changes, in the appropriate context, also have the potential for transgenerational inheritance. These changes have been linked to elevated blood lead levels in human cohorts.

On the basis of above findings, a growing need was felt to phase out all lead solder scaling machinery in food can factories. In U.S.A., the food packaged in these containers which possess lead to the extent of almost one thousand fold above normal levels roughly accounts for one third average per capita absorption of lead. The people who ate all their food from lead soldered cans, would exhibit the symptoms of clinical lead poisoning after a year, again a delayed cause and effect relationship. Thus, by 2000 A.D., the regulatory agencies in USA enacted regulations which may strictly remove most of the lead in gasoline, food cans, glazes and paints. This has been done by using catalyst in refineries to convert long open chain hydrocarbon molecules into branched chain ones and also making use of plastic container substitutes to the food cans which is increasingly in practice to prevent the entry of industrial lead to the human bodies. During the past ¬century, the man has introduced lead into earth's atmosphere and biosphere which subtly poisoned human populations throughout the world and may poison the future generations too.

It is, now, known that skeletal reservoirs of both calcium and lead are sources of major fractions of both these metals contained in soft tissues. Skeletal residues of industrial lead in living humans cannot be effectively reduced and in turn will continue to supply lead to soft tissues at a significant rate during their lifetime even if all industrial lead intake is ceased. Many of the “lead poisoning” effects such as dysfunctions in living humans and undesirable mutations in the human germ plasm are probably irreversible. Industrial lead will remain in the dishes, cutlery, kitchenware, paints, water pipes and lutings of virtually every residence in industrilised countries. The residues of lead will remain in manufactured articles, waste dumps, urban soils, in estuaries of oceans and upper humus layers of the soils. This lead will continue to poison the mankind specially in urban houses and also earth’s biosphere to a significant extent for a long time, may be for few centuries.

Biotechnology
A Blessing to Mankind

Dr. Sanjay Mishra
Professor, School of Biotechnology

Contrary to its name, biotechnology is not a single technology. Rather it is a group of technologies that share two (common) characteristics -- working with living cells and their molecules and having a wide range of practice uses that can improve our lives. The term encompasses exploitation of biochemical potential of plants, animals and microorganisms for medical, agricultural and industrial purposes. **How does modern biotechnology work:** All organisms are made up of cells that are programmed by the same basic genetic material, called DNA (deoxyribonucleic acid). Each unit of DNA is made up of a combination of the following nucleotides -- adenine (A), guanine (G), thymine (T), and cytosine (D) -- as well as a sugar and a phosphate. These nucleotides pair up into strands that twist together into a spiral structure call a "double helix." This double helix is DNA. Segments of the DNA tell individual cells how to produce specific proteins. These segments are genes. It is the presence or absence of the specific protein that gives an organism a trait or characteristic. More than 10,000 different genes are found in most plant and animal species. When cells reproduce, the DNA strands of the double helix separate. Because nucleotide A always pairs with T and G always pairs with C, each DNA strand serves as a precise blueprint for a specific protein. Except for mutations or mistakes in the replication process, a single cell is equipped with the information to replicate into millions of identical cells. Because all organisms are made up of the same type of genetic material (nucleotides A, T, G, and C), biotechnologists use enzymes to cut and remove DNA segments from one organism and recombine it with DNA in another organism. This is called recombinant DNA (rDNA) technology, and it is one of the basic tools of modern biotechnology. rDNA technology is the laboratory manipulation of DNA in which DNA, or fragments of DNA from different sources, are cut and recombined using enzymes. This recombinant DNA is then inserted into a living organism. rDNA technology is usually used synonymously with genetic engineering. rDNA technology

rDNA technology allows researchers to move genetic information between unrelated organisms to produce desired products or characteristics or to eliminate undesirable characteristics.

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Impact of biotechnology on our life

The impact of biotechnology on human life and economic advancement of various nations globally has specified a foremost momentum to speed up research, development and application in relevant socio-economic sectors. Besides, the scientists are enthusiastically engaged in fermentation based activities, production of precious biologicals, plant or animal cell culture, marker assisted selection and breeding, value addition, prospecting of biological resources, molecular taxonomy and micropropagation techniques for producing high quality, genetically superior planting materials and modern genetically modified (GM) foods. Considering the 'Demand and Supply' concept the Biotechnology has principally been categorized as follows:

Agricultural Biotechnology: The main emphasis has been to improve the crops with help of molecular biology and bioengineering for sustainable agriculture.

Seri-Biotechnology: India is the world's second largest producer of silk and home to a vast variety of seribioresources which include an amazing diversity of silk moths and host plants. Genetic engineering may lead to better varieties of silk wom that produces more silk and are more resistant to diseases and environmental fluctuations.

Medical Biotechnology: Biotechnology is one of the fastest moving area of medical science today. Production of antibodies, vaccines, enzymes, hormones and chemicals are some examples.

Marine Biotechnology: Development of genetic markers for fish strain identification, disease resistant transgenic fish, establishment of cell and tissue culture system in aquatic species and development of freshwater prawn hatchery have progressed well.

Microbial and Industrial Biotechnology: Microbial strains for the production of fine chemicals, biofuels, secondary metabolites and proteins.

Food Biotechnology: Efforts are underway for commissioning of pilot plants for large-scale production of low cost nutrient food supplements developed though biotechnological processes.

Bioinformatics: This analytical branch of genomic research mines large sets of data to answer new research questions and throw light on older ones. Bioinformatic analysis will support the next revolution in genomic science to address fundamental areas of natural history research. Major research institutions and universities have been linked through the Biotechnology Information System Network (BTISnet). The network at present comprises fifty-three Bioinformatics centers. Four major databases (DNA/ protein related) have been established at IISc, Bangalore, University of Pune, Pune, JNU, New Delhi and IMTECH, Chandigarh under National Jai Vigyan Science and Technology Mission, in the form of mirror sites of internationally recognized databases such as GDB, PDB, Plant Genomic Database.

Real Time Computing Systems

Dr. Sarsij Tripathi
Addl. Director, School of Engineering & Technology

Real-time computing systems are critical to any industrialized nation's technological infrastructure. Modern telecommunication systems, factories, defense systems, aircraft and airports, space stations, banking, entertainment, scientific computing, e-governance, trading, infotainment and high energy physics experiments cannot operate without them. Indeed, real-time computing systems control the very systems that keep us productive, safeguard our liberty, and enable us to explore new frontiers of science and engineering. A real-time system is a system which the timeliness of operation completion is a part of the functional requirements and correctness measure of the system. In simple sense, a system is said to be Real Time if it is required to complete it's work & deliver it's services on time. For example in online transaction if transaction is not completed within a stipulated time then it is aborted without success. Such type of applications where task completion is bounded by time or deadline is known as real time application. A very promising example of real time application is online multimedia applications which is used to view video online; let's say a live telecast of football match, needs to transfer data (video and audio) within stipulated time falling which the recipients will receive degradation in quality and may not be acceptable. Real time computing systems are classified as soft or hard systems. Hard real-time systems have very strict time constraints, in which missing the specified deadline is unacceptable. Military applications and space missions are typical instances of hard real-time systems. Some applications with real-time requirements include telecom switching, car navigation, the medical instruments with the critical time constraints, rocket and satellite control, aircraft control and navigation, industrial automation and control, and robotics. Soft real-time systems also have time constraints; however, missing some deadline may not lead to catastrophic failure of the system. Some applications with soft real-time requirements include web services such as real-time query, call admittance in voice over internet protocol and cell phone, digital TV transmissions, cable and digital TV set-top-boxes, video conferencing, TV broadcasting, games, and gaming equipment, Automatic Teller Machine (ATM) etc. Multimedia systems in general are examples of soft real-time systems (e.g., dropping frames while displaying video).

In this note, an attempt has been made to provide a brief overview of real-time systems. It is hoped that the reader gains a general appreciation of the range of applications. However, many challenges still remain before real-time systems can be implemented without very specialized expertise or hand coding of applications to meet timing constraints.

Competitive Credentials

ICAR-NET
QUALIFIED

Mr. Jai Prakash Bhimwal
Asst. Professor
Dept. of Agriculture Engineering

GPAT
QUALIFIED

Ms. Anshu Rani
B.Pharm, IV Year

Mr. Nayeem Ahmad
B. Pharm, IV year

Plantation

Other than maintaining our ecosystem, plants are useful to us in various ways. This year, plantation of medicinally important herbs including Jeera, Tejpatta, Arjuna and Lavanga etc was done in addition to existing plants available in medicinal plant garden.

Cover Story

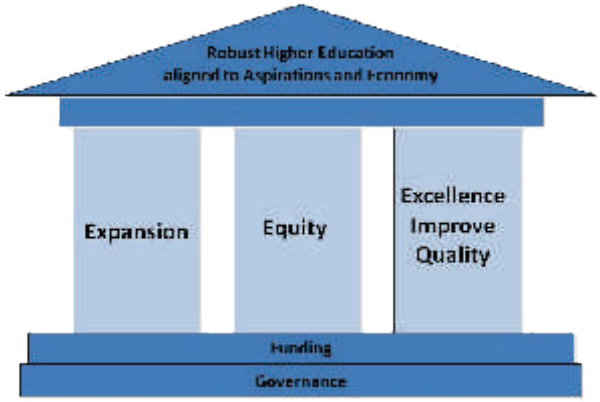
Visit of Honorable Chancellor to Indiana University, USA

The first phase of Technical Quality Improvement Programme (TEQIP) was held at Noida Campus of IIM Lucknow to discuss the various issues and challenges in higher education in India. The Chancellor of IFTM University along with number of experts delivered his views on these issues and discussed the problems like serious shortage of quality teachers, low turn-out of Ph.ds from good institutions, lack of national thrust on research and Inter-University mobility of credits. The experts put emphasis on to study the organizational set up for growth and self sustainability and for this purpose a visit was held to INDIANA University by the delegates in the second part of this TEQIP.

The visit to IU was made under the World Bank`s prestigious programme TEQIP. The delegates visited to various departments and had discussions with key authorities of IU. The takeaways from this visit have been presented below.

The Chancellor of IFTM University pragmatized that, for growth and sustainability of any University, there is need to set up SMART (Specific, Measurable, Achievable, Relevant and Time bound) goals. This helps in thinking about the future, near or distant and motives one to turn the set vision into reality. By knowing exactly what one want to achieve, concentration of efforts are put in that particular direction and thus it becomes easy to avoid distractions. To realize these goals the University has to pick up a team leader who contributes to the structure and process so that team members are able to function effectively and implement the high-quality decisions into reality. The team leader should be given adequate independence so that he or she has all in the world to dedicate him or her for good deliverance.

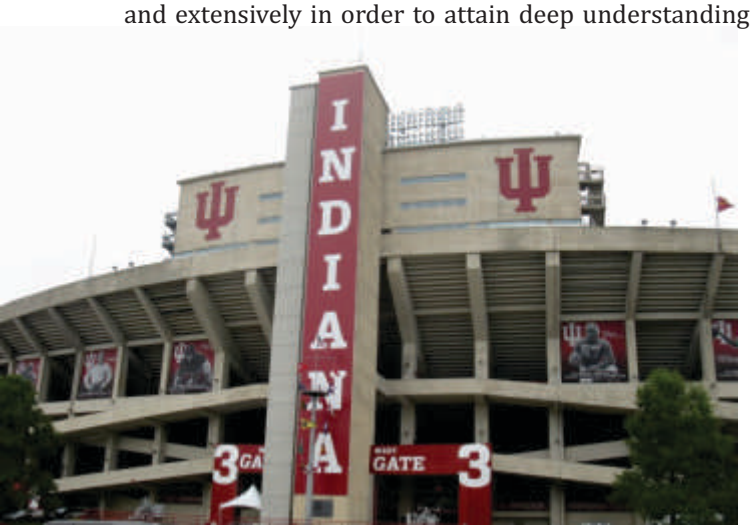
It was observed that sound governance, competent and accountable management, transparent and coherent institutional quality processes should be the top agenda of a University. For that there is need to develop and implement practices and systems which are flexible, effective and efficient, mobile, accountable and competitive within the individual academic schools / departments in a University. These management policies and practices having devised and designed includes new structures, IT systems, recruitment and compensation plans, competitive strategies, work processes and other determinants of organizational performance. However, for



their implementation, group of managers are put together who have sufficient coherence to work together as a team, and sufficient competence and power to manage the change. The group of managers are then involved in as much of the problem solving, committee chairing and other work in order to avoid becoming swamped with details and having too little time to perform the key function of 'setting the target that beckons and motivating people to hit it'.

During the visit, the delegates experienced that there is need of strong linkages between the University and its stakeholders, which include- alumni, industry, policy makers in Government, funding agencies and other Universities. It is important that the key authorities and the faculty members of a University remain synchronized with what is happening in and around the society and industry which is possible only through regular and structured interactions as well as long term linkages with the stakeholders.

Another major take away from this visit to the IU was the need to have an excellent research infrastructure in a University. There is an adage that **"Bring sharp thinkers together on an issue, and innovative solutions emerge".** Great minds are the engines that make important and lasting contributions to the world`s body of knowledge. Research is actually an act of studying something carefully and extensively in order to attain deep understanding in the same. For being successful, research should be systematic, arranged, summarized and recorded properly. Worldwide research in Universities plays complex roles in the academic system, including the core mission of research production and training students to engage in research. These centers are often collaborative, interdisciplinary beehives of thought, where faculty and students from different fields, schools and academic departments come together to attack and solve problems from all angles.



There is an axiom that **"Life on small, isolated islands in a large expanse of ocean can be precarious".** The same is true in context with a University. They observed that focus of all the departments of IU has been on innovation and generation of resources. There is need to design a roadmap for successful transition of an academic high throughout for University to become self-sustainable in a short period. New innovative custom designed academic cum research programs addressing the need of a broad variety of members of our society, ranging from housewives to industry executives should be developed and introduced. This will not only attract the talented students from industry to professionals working from home to sharpen the skills, but also fetch handsome revenue from the University.

Annual Sports Meet *2014*

Sports Meet

Competitive Sports leads to the overall development of a person were the words of Hon'ble Vice Chancellor at the inaugural ceremony of the Annual Sports Week. IFTM University had organized the Annual Sports Week in the month of March to enable the students interact with each other from various schools within the University.

The event was inaugurated with the lighting of lamp by Hon'ble Vice Chancellor Dr. R.M. Dubey. On the occasion he also inaugurated the newly built play ground on which basket ball, volley ball, badminton courts have been built. About 900 students from all the departments participated in the events like cricket, football, table tennis, volley ball, badminton, disc throw etc. Throughout the Sports Week a number of inter-school competitions were held during which the students and faculty members of different schools had a great time.

On the last day of the Sports Week medals and shields were distributed by the Hon'ble Chancellor Shri Rajeev Kothiwal to the winning teams and players. School of Sciences stood first with 6 gold, 1 silver and 3 bronze medals. School of Business Management was in second position with 5 gold, 5 silver and 6 bronze and third rank was held by School of Biotechnology with 4 gold and 4 silver medals.

The event was organized by the University Sports Director who was congratulated by the Chancellor for his stupendous efforts. The participants were also congratulated by the Chancellor for maintaining peace and discipline during the games.

Foundation Day Celebrations 2014

IFTM University celebrated the 3rd Foundation Day in March 2014. A grand function was organized in the open air theatre of IFTM University. The event was inaugurated by Hon'ble Chancellor Shri Rajiv Kothiwal by lighting of lamp which was followed by Ganesh Vandana presented by the students of the University.

The cultural event SAMAVESH was a fusion of Indian culture with scintillating performances by the students of the University. Little Champ participant of Zee TV programme Nissan Sa Re Ga Ma Pa, Shristi Singh spell bound the audience with her songs. On this occasion, Gold medals were awarded to 112 meritorious students in academic field by the Hon'ble Chancellor and Vice Chancellor.

Apart from the ensemble of Indian and western music, a play performed by kids that howcased corruption in the field of education attracted everyone. During the celebration of foundation Day, the sound of clapping in entire environment of Pandal was creating intense echo. Celebrations continued for full day. The SAMAVESH was organized by Dr. Manjula Jain, Director, School of Business and Management and at the end of programme, students were complimented for their stupendous cultural performance.


IFTM UNIVERSITY


SAMAVESH

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Kavita Gahlot, Anticonvulsant potential of Ethanol Extracts and their Solvent Partioned Fractions from Flemingia strobilifera Root. Pharmacognosy Research. 5(4): 265-270.

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Reetika Saena, Designing Steps for a Heat Exchanger", International Journal of Engineering Research & Technology, 2(9): 63-68.

Shankhdhar Vivek, Injection modeling of Diesel Engine: A Review" International Journal for Research for Research in Applied Science and Engineering Technology, 1(v): 58-64.

Avinash Shukla, Checkerboard problem in finite element based topology optimization" International Journal of Advances in Engineering & Technology, 5(4): 460-466.

Arun K. Mishra Rapid HPLC method to evaluate the effect of herbal cream on collagen content of skin tissues submitted to UV-B radiation. Asian J Chemistry. 25(12): 6707-3710.

Amrita Mishra HPLC analysis and standardization of Brahmi vati – An Ayurvedic poly-herbal formulation. Journal of Young Pharmacists. 5: 77-82.

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Anurag Verma Gelucire based in situ gelling emulsions: a potential carrier for sustained stomach specific delivery of gastric irritant drugs, Biomed Research International, 1(2): 215-218.

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Yogendra Singh Socio –cultural pollution by unethical politics, The Horizon- The Journal of Social Sciences 5: 151-156.

Priyanka Rani Anticancer, Anti – Inflammatory, and Analgesic Activities of Synthesized 2 (Substituted phenoxy) Acetamide Derivatives, BioMed Research International 1(1): 55-59.

Swastika Tripathi An insight to Indian Banking Sector: with Special reference to FDI, Vimarsh, 5(2): 25-29.

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Samrat Sharma Performance analysis of permanent magnet synchrounous generator and introduction of doubly fed induction generator driven by wind turbines, International Journal of Emerging Research in Management and Technology 3(5): 112-117.

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Rakesh Kumar Yadav, Stress Management: Strategies to Cope up with job stress, International Journal of Research in Management, Economics & Commerce, 5(2): 52-64.

BOOKS/CHAPTERS/RESEARCH MONOGRAPH

Dr. Sanjay Mishra

Apoptosis : Programmed Cell Deathl. In: Plants and Microbes. SBW Publisher, Delhi, India, pp217-248; 2014

Dr. G.K. Banerjee

A text book on Electrical and Electronic engineering materials published by PHI Learning, New Delhi.

Dr. K K Pandey

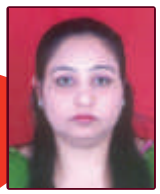
Marketing for Managers, Published by Uttar Pradesh Rajarshi Tandon Open University, Allahabad, Vol: 1, 2013.

Mrs. Neetu Sachan

Method Development & Validation: Ciprofloxacin and Ofloxacin (Published by Lambert Academic Publishing, Germany), 2013.

Dr. Salma Khan

Status of Information Communication Technology Application in the University Libraries of Uttar Pradesh: a study, Rejuvenated Libraries for Empowered Users, Published by Digital Information Research Ltd., U.K., 2013.



Mr. Sougata Ghosh

Digital Electronics – an easy approach to learn which is published by Scitech Publication (India) Pvt. Ltd. , Chennai.

QIP/FDP/Conferences/Seminars/Workshops Attended

Mr. Mohd. Muqeem, Ms.Poonam Sundriyal and Mr. Avinash Shukla attended a workshop (sponsored by TEQIP) at IIT Kanpur during Feb 22-23, 2014.

Mr. Ghansyam Singh Ghoil, Mr. Deepak Prashant Singh, Mr. Deepak Singh Bist, Mr. Avinash Shukla and Mr. Prabhakar Bhandari participated in Conscientia 2014, Aerotrix Super challenge (sponsored by TEQIP) on 'Aerotrix'at Gr. Noida during March 28-29, 2014.

Mr. Avinash Shukla, attended national Conference (sponsored by TEQIP) at AKG, Ghaziabad during 28-29 march, 2014.

Mr. Irfan Haider participated in short term course (sponsored by TEQIP) on 'Industrial Training Techniques' at RGPV Bhopal during May 20-24, 2014.

Mr. Nadeem Ahmad, Mr. Amit Kumar Redhiwal, Mr. Mohd. Muqeem and Mr. Irfan Haider attended a short term course (sponsored by TEQIP) on 'Modeling and Simulation using Finite Elements' at IIT Mandi during 23-27 June, 2014.

Mr. Ghanshyam Singh Gohil, Participated in a training Programme (sponsored by TEQIP) at Advanced Training Institute, Mumbai during June 30 to July 11 , 2014.

Mr. Deepak Prashant Singh, participated Training Program (sponsored by TEQIP at Advanced Vocational Training System, Kanpur during June 30 and July 11, 2014.

Mr. Hemant Kumar Mishra, participated short term course (sponsored by TEQIP) on 'Material Science Influence in Tribology of Engineering Ceramics'at Advanced Vocational Training System, Kanpur during June 30 and July 11, 2014.

Mr. Avinash Shukla, Mr. Deepak Singh Bisht and Mr. Prabhakar Bhadari attended workshop pravartana-2014 (sponsored by TEQIP) at IIT Kanpur during Feb 22-23, 2014.

Mr. Nadeem Ahmad, attended short term course (sponsored by TEQIP) on 'Industrial Training Techniques' at RGPV Bhopal during 20-24 may, 2014.

Mr. Irfan Haider, participated in a conference (sponsored by TEQIP) on 'Managing Flexibility, People, Process and Training 'at IIT Delhi during December 13-15, 2014.

Mr. Deepak Singh Bisht, attended an international conference (sponsored by TEQIP) on 'Energy Trends in Mechanical and Electrical' at during March 13-14, 2014.

Mr. Prabhakar Bhadari attended international conference (sponsored by TEQIP) on 'Energy Trends in Mechanical and Electrical' at during March 13-14, 2014.

Ms. Doli Rani, attended summer Research Faculty Fellow Program (sponsored by TEQIP) at IIT Delhi during May 15, 2014 till July 15, 2014.

Mr. Rahul Singh Tolia, Mr. Mahavir Singh Rawat, Mr. Mahavir Singh Ravat attended one day workshop (sponsored by TEQIP) on 'Structural Dynamics' at IIT Delhi on March 22, 2014.

Mr. Himanshu Pratap Singh, Mr Ashish attended one day workshop (sponsored by TEQIP) on 'Structural Dynamics' at IIT Delhi on March 22, 2014.

Ms. Manjul Chandravanshi, participated in summer research faculty fellow program (sponsored by TEQIP) at IIT Delhi during May 15, 2014 till July 15, 2014.

Mr. Sunny Bhatia, attended workshop (sponsored by TEQIP) at IIT Kanpur during Feb 22-23, 2014

Mr. Vahadood Hasan, Ms.Warisha Meraj and Mr. Vahadood Hasan, attended a short term course (sponsored by TEQIP) on 'Embedded Systems and its Applications to control systems' at IIT Roorkee during June 9-13, 2014.

Ms. Swati Varshney, attended summer research faculty fellow program (sponsored by TEQIP) at IIT Delhi during May 15, 2014 till July 16, 2014.

Mr. Ankur Jain, attended summer school (sponsored by TEQIP) on 'Machine Learning & Data Analysis 'at Thapar University, Punjab during June 3-13, 2014.

Mr. Jitendra Kumar, attended summer school (sponsored by TEQIP) on 'Machine Learning & Data Analysis 'at Thapar University, Panjab during June 3-13, 2014.

Mr. Baqar Abbas Rizvi, attended summer Research Faculty Fellow Program (sponsored by TEQIP) on 'Genomic Signal Processing' At IIT Delhi during May 15, 2014 till July 16, 2014.

Mr. Syed Salman Ali participated in National Conference on "Alternative to Animal Experimentation in Drug Discovery" at SMIP Etawah on 17th Feb 2014.

Dr. Rakesh Kumar Yadav presented a research paper on Impact of Privatization on Performance of LIC, in two days National Seminar on Development of Life Insurance Sector in Globalised Era: Issues & Challenges, sponsored by ICSSR, New Delhi and organized by Department of Commerce and Business Studies, Reliable Institute of Management and Technology, Ghaziabad on January 11th & 12th 2014.

Students' Corner

An Industrial tour of B.Pharm (Final yr) students was arranged at Indian Medicines Pharmaceutical Corp. Ltd, Ramnagar (UK) to familiarize the students about various pharmaceutical sections of manufacturing units. Key objective of this tour was to make students aware about the industrial process involved in manufacturing of medicines & surgical products.

A blood donation camp was organized by Faculty of Pharmacy in Collabration with Indian Medical Association (IMA-Moradabad Branch) on the occasion of Pharmacy Week. The event received overwhelming response from students and faculty members of IFTM University. On this noble occasion, fifty students donated blood. A lecture was delivered by renowned physician Dr. Nitin Batra on Thalacemia and related issues to make aware the students.

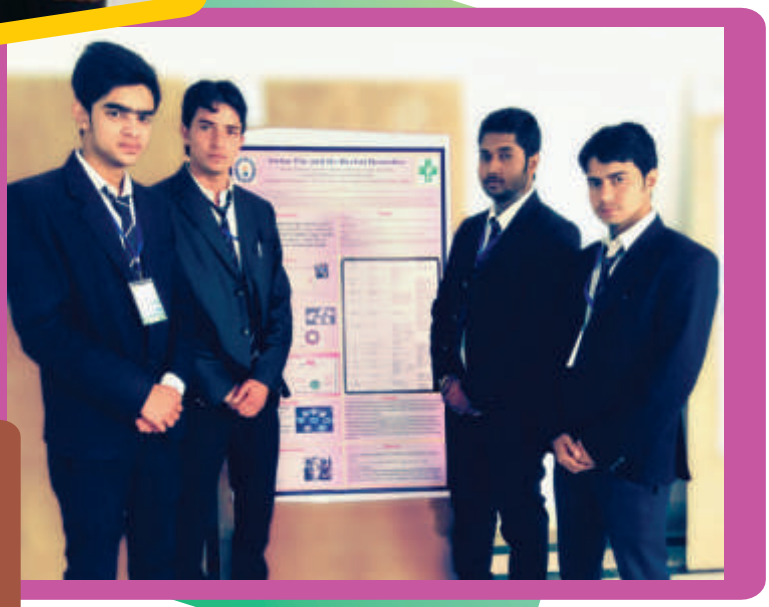
A trip of Business Management Students was arranged at Reliance Office of Karol Bagh, New Delhi, with an objective to provide practical exposure about functional operations of a financial institution.

Ms. Shagufta Bi, student of B.Sc Biotech III[rd] year is a live example of Strong determination and willingness. She is twenty-four years old but is just two and a half feet tall. The Honorable Vice-Chancellor, Prof. R.M. Dubey has extended full support to her in being educated and has waived off entire educational fees of her`s. She has been awarded many times for her firm fortitude to gain education by the district administration and recently, she was once again awarded for her courage under "Save the girl child" programme.

A team of Students of B. Tech. (ME), naming Arnab Rai, Amit Kumar, Abhimanyu Baranwal and Prashant Kumar Mishra have prepared a Robot with some supplement sensors, with an efficiency used in coal mining and lifting high weights. The task was influenced by the recent movie "Dhoom-2"

Civil Engineering Society organized a model exhibition in School of Engineering and Technology on 26 February 2014. A great numbers of Students showed their talent by preparing models based on latest techniques. Attractive and appealing Models of London Bridge, waste treatment plant, residential structure, remote sensing system and hydropower plant dragged special attention and appreciation.

B.Pharm students naming Monis, Shubham, Sunil, Govind, Samreen, Sarvjeet, Suhail, Nitin, Haroon and Gulam Mohammad presented posters on topics including Ebola Virus, Herbal Antiobesity drugs, and swine Flue-Its Herbal treatment. The presentation was done in International Conference on Global Trends in Pharmaceutical Clinical Practices at Moradabad.



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Sugar Mill
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Tata Motors Ltd
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Expert Lecture & Workshop Organized Under TEQIP-II at Our University Campus

Department of Electronics & Communication Engineering

S. No	Name of Expert	Affiliation	Topic
1.	Dr. Kota Soloman Raju	Chief Scientist, CEERI Pilani	Communication System Engineering & Technology
2.	Dr. Vijay Kumar	IIT Roorkee	Control System
3.	Dr. D.K. Srivastava	BIET, Jhansi	Digital Logic Design
4.	Dr. Sanjay Mathur	G B Pant Nagar University Pantnagar	Digital Electronics
5.	Dr. Manoj Kumar	HBTI Kanpur	Wireless Communication
6.	Mr. Pankaj Agarwal	Sr. Scientist CEERI, Pilani	Wireless Communication and Sensors
7.	Dr. S K Srivastava	Ex-Professor, IIT BHU, Varanasi	Wireless Communication and Sensors
8.	Dr. Ekram Khan	Aligarh Muslim University, Aligarh	Wireless Communication and Sensors
9.	Mr. M R Abidi	Aligarh Muslim University, Aligarh	Wireless Communication and Sensors
10.	Dr. A K Gautam	G B Pant University, Pant Nagar	Wireless Communication and Sensors

Department of Computer Science & Engineering

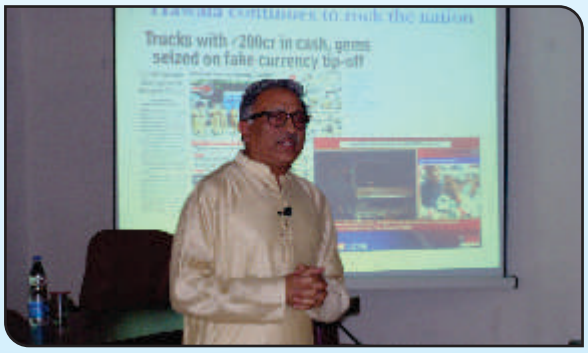
S.No	Name of Expert	Affiliation	Topic
1.	Dr. Durga Toshniwal	IIT Roorkee	Advances in Data Mining
2.	Mr. Chetan Srivastava	HCL Technologies, Noida	Web Technology and its Applications
3.	Mr. Hemant Kumar Agarwal	HCL Technologies, Noida	Communication skills
4.	Mr. Nittin Mittal	Google India, Gurgaon	Web Technology to the Faculty and students

Department of Civil Engineering

S. No	Name of Expert	Affiliation	Topic
1.	Dr. Sanjeev Suman	G B Pant Nagar University Pantnagar	Traffic and Signal
2.	Dr. Shamshad Ahmad	Jamia Milia Islamia, New Delhi	Engineering Survey
3.	Dr. Ajit Kumar	G B Pant Nagar University Pantnagar	Structure Engineering
4.	Dr. P.S. Mahar	G B Pant Nagar University Pantnagar	Water Resource Engineering
5.	Dr. Anil Kumar	G B Pant Nagar University Pantnagar	Instrumentation
6.	Dr. S. S. Gupta	G B Pant Nagar University Pantnagar	Advances in Civil Engineering
7.	Dr. Muzammil Hussain	Aligarh Muslim University Aligarh	Civil Engineering
8.	Dr. Javed Alam	Aligarh Muslim University Aligarh	Civil Engineering

Department of Electrical Engineering

S. No	Name of Expert	Affiliation	Topic
1.	Mr. K.B.Naik	ABESIT Group of Institutions, Ghaziabad	Power Electronics
2.	Dr. Bhavesh Chauhan	ABESIT Group of Institutions, Ghaziabad	Electrical Power System
3.	Dr. Arunesh Kumar	Jamia Milia Islamia, New Delhi	Electrical Power System
4.	Dr. Ajay Srivastava	GBPUAT Pannagar	Electrical Machines
5.	Dr. S. K. Goel	Women Institute of Technology Dehradun	Electrical Machines
6.	Dr. Vishal saxena	IIT Roorkee	Electrical Engineering
7.	Dr. Barjeev Tyagi	IIT Roorkee	Control System
8.	Dr. Rizwan Khan	Aligarh Muslim University Aligarh	Multiphase Machines



Department of Mechanical Engineering

S. No	Name of Expert	Affiliation	Topic
1.	Dr. Rakesh Saxena	G B Pant Nagar University Pantnagar	Design Technology
2.	Dr. P. L. Sah	G B Pant Nagar University Pantnagar	Design Technology
3.	Dr. A. K. Pratihar	G B Pant Nagar University Pantnagar	Thermal & Refrigeration
4.	Dr. D. S. Moorthy	G B Pant Nagar University Pantnagar	Thermal & Refrigeration
5.	Dr. Nayin Kumar	IIT Ropar, Punjab	Advances in Mehanical Engineering
6.	Dr. Ajay Singh	G B Pant Nagar University Pantnagar	Fracture Machines
7.	Dr. P. C. Gope	G B Pant Nagar University Pantnagar	Fundamental of Machines
8.	Dr. I. V. Singh	IIT Roorkee	Appilcations of FEM
9.	Dr. R. K. Tripathi	The University of Petroleum & Energy Studies Dehradun	Ergonomics and Mechanical Vibration
10.	Dr. Mohm. Ali	Aligarh Muslim University Aligarh	Ergonomics and Mechanical Vibration
11.	Dr. Amar Patnaik	Malaviya National Institute of Technology, Jaipur	Numerical Analyses
12.	Dr. Raisul Hasan	Jahangirabad Institute of Technology, Lucknow	Mechanical Engineering
13.	Mr. Abhijeet Kulkarni	Design tech Systems, New Delhi	Virtual Simulation Technology
14.	Dr. Rakesh Sehgal	NIT Hamirpur	Advances in Mechanical Engineering

Department of Biotechnology Engineering

S. No	Name of Expert	Affiliation	Topic
1.	Mr. Manoj Verma	MRD Life Sciences, Lucknow	Biotechnology Researech, Technology and Bio-bussiness
2.	Dr. Ashoke Kumar	IVRI, Izzat Nagar Bareilly	Research Trends in Biotechnology
3.	Dr. G.P. Rao	IARI, New Delhi	Research Trends
4.	Dr. Manisha Yadav	Dr. Ambedkar Center for Biomedical Research, Delhi University, Delhi	Biomedical Research
5.	Dr. Nancy Malla,	PGEMRI, Chandigarh	Biomedical Research
6.	Ms. Tulika Prashad	JNU, Delhi	Mass Spectroscopy
7.	Mr. Bashah Javed	Bioinformatics Technology of India, Bareilly	Bioinformatics
8.	Prof. J. S. Randhawa	IIT Roorkee	Biotechnology
9.	Dr. Subhash Chand	IIT Delhi	Advances in Biotechnology






Doctorate Awarded

Mr. Rahul Mishra has been awarded doctorate degree from Bhagwant University Ajmer, in the area of Computer Science under the guidance of Dr. Udai Shankar, Madan Mohan Engineering College, Gorakhpur.

Mr. Sarsij Tripathi has been awarded the doctorate degree from Motilal Nehru National Institute of Technology, Allahabad, in the area of Computer Science under the supervision of Prof. R.S. Yadav, Department of Computer Science, MNNIT, Allahabad.

Mr. Surya Prakash Dwivedi has been awarded the doctorate degree from Uttar Pradesh Technical University, Lucknow, in the area of Biotechnology under the supervision of Dr. Nancy Malla, Professor & Head, Department of Parasitology, Post Graduate Medical Education & Research, Chandigarh and Dr. Nuzhat Husain, Professor & Director, Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow.

Ms. Neeraja Dwivedi has been awarded the doctorate degree from Uttar Pradesh Technical University, Lucknow, in the area of biotech under the supervision of Dr.Vishwa Mohan Katoch, Director General, ICMR and Secretary, Department of Health Education & Research, New Delhi and Dr. B.N. Mishra, Dean & Head, Department of Biotechnology, Institute of Engineering & Technology, UPTU Campus, Lucknow.

Ms. Indu Singh has been awarded the doctorate degree from M.J.P. Rohilkhand University Bareilly, in the area of Physics under the supervision of Dr. Mohd. Tariq and Dr. R.B.S. Rawat.

Mr. Intezar Mehdi has been awarded the doctorate degree from University of Petroleum and Energy Studies, Dehradun in the area of Mechanical Engineering under the supervision of Dr. Anupam Srivastava, Professor, Middlae East College, Sultanate of Oman, and Dr. Rajneesh Garg, Professor, University of Petroleum and Energy Studies, Dehradun.

Ms. Salma Khan has been awarded the doctorate degree from Karunya University, Coimbatore, in the area of Library & Information Science under the guidance of Dr. J. Dominic.

Mr. Viksit Tripathi has been awarded the doctorate degree from MJP Rohilkhand University, Bareilly, in the area of Commerce under the supervision of Dr. S S Sharma, Professor, MJP Rohilkhand University, Bareilly

Mrs. Kavita Gahlot has been awarded the doctorate degree from Birla Institute of Technology (Deemed University), Ranchi, in the area of Pharmacy under the supervision of Dr. S Jha, Professor, BIT, Ranchi.

Mrs. Swastika Tripathi has been awarded the doctorate degree from MJP Rohilkhand University, Bareilly, in the area of Commerce under the supervision of Dr. N L Sharma, Professor, MJP Rohilkhand University, Bareilly.

Mrs. Rashi Srivastava has been awarded the doctorate degree from Integral University, Lucknow, in the area of Biotechnology under the supervision of Dr. Rolee Sharma, Associate Professor, Integral University, Lucknow and Co-Supervision of Dr. Sanjay Mishra, Professor, IFTM University, Moradabad.

Congratulations

S.No.	Name of the Student	Course
1	SHANTANU KAUSHIK	Diploma (EC), I Year
2	GAURAV KUMAR	Diploma (EC), II Year
3	VIKKI	Diploma (EC), III Year
4	GAJENDRA SINGH	Diploma (EE), I Year
5	MO. AALIM	Diploma (EE), II Year
6	PRADEEP KUMAR SINGH	Diploma (EE), III Year
7	REEMA YADAV	Diploma (CS&E), I Year
8	TUBA NIHAL	Diploma (CS&E), II Year
9	KM. RATANA DUBEY	Diploma (CS&E), III Year
10	GIRENDRA KUMAR	Diploma (ME), I Year
11	KARTIK KAUSHIK	Diploma (ME), II Year
12	PUSHPENDRA AGNIHOTRI	Diploma (ME), III Year
13	KM. MEGHA VERMA	Diploma (CE), I Year
14	KM.RIYA VERMA	Diploma (CE), II Year
15	KM. CHANDNI SINGH	Diploma (CE), III Year
16	INNAMA ZAIDI	M.Sc (BIOTECH), I Year
17	NIDA SULEMAN	M.Sc (BIOTECH), II Year
18	GAREEMA PAWAR	B.Sc (BIOTECH), I Year
19	GHAUSIYA REHMAN	B.Sc (BIOTECH), II Year
20	FAIZEEN NAAZ	B.Sc (BIOTECH), III Year
21	ZAINAB REHMAN	M.Sc (FOODTECH), I Year
22	KM.DEEKSHA YADAV	M.Sc (FOODTECH), III Year
23	KM. RUCHI SINGH	M.Sc (MICRO), I Year
24	DIVYANSHI SAXENA	M.Sc (MICRO), II Year
25	SACHIN KUMAR	B.Sc (MICRO), I Year
26	KM. PURVI GILL	B.Sc (MICRO), II Year
27	NEHA SINGH	B.Sc (MICRO), III Year
28	KM. DANIA JUNAID	B.Sc (FOODTECH), I Year
29	KM. ANSHU SAGAR	B.Sc (FOODTECH), II Year
30	PRADEEP KUMAR RAO	B.TECH (BIOTECH), I Year
31	SAPNA SINGH	B.TECH (BIOTECH), II Year
32	VASU GOEL	B.TECH (BIOTECH), III Year
33	SUSHEEL KUMAR	M.Sc (PHYSICS), I Year
34	KM. RASHME DEVI	M.Sc (PHYSICS), II Year
35	KM. ANJALI GOSWAMI	M.Sc (CHEMISTRY), I Year
36	KM. JAISHRI	M.Sc (CHEMISTRY), II Year
37	KM. MINAKASHI CHAUDHARY	M.Sc (MATH), I Year
38	KAPIL DEV	M.Sc (MATH), II Year
39	KM. ANITA BISHT	M.Sc (ZOOLOGY), I Year
40	MEHNAZ BI	M.Sc (ZOOLOGY), II Year
41	KM. SHELLEY RANA	M.Sc (BOTANY), I Year
42	KM. SHAMIA	M.Sc (BOTANY), II Year
43	PANKAJ KUMAR YADAV	B.Sc (PCM), I Year
44	KM. SRASHTI RANA	B.Sc (PCM), II Year
45	NIDHI SIDDHOO	B.Sc (PCM), III Year
46	ANKIT KUMAR	B.Sc (PCM), III Year
47	KM. PRIYANKA VERMA	B.Sc (ZBC), I Year
48	KAONEN HAIDER	B.Sc (ZBC), II Year
49	ANAM KHALID	M.TECH (ME), I Year
50	MOHAMMAD JAVED	M.TECH (ME), II Year
51	ARPIT MAHESHWARI	M.TECH (E&CE), I Year
52	KM. VIDHI SINGH	M.TECH (E&CE), II Year
53	MEGHA SAXENA	M.TECH (CS&E), I Year
54	KM. SHILPA GUPTA	M.TECH (CS&E), II Year
55	KHUSHBU GUPTA	M.TECH (BIOTECH), I Year

Dr. Anuj Srivastav
Controller of Examinations

TO ALL THE GOLD MEDALIST

56	AVINESH KUMAR GOUTAM	M.TECH (CE), I Year
57	PARVENDRA DIVAKAR	B.TECH (AE), I Year
58	JAGAT SINGH	B.TECH (AE), II Year
59	SIDDHARTH GUPTA	B.Sc (AG), I Year
60	OBAID UR REHMAN	B.TECH (CE), I Year
61	HIMANSHI RAJ	B.TECH (CE), II Year
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63	KM. RUPALI SINGH	B.TECH (CS&E), I Year
64	KM. SHRISTI GUPTA	B.TECH (CS&E), II Year
65	KM. ANJALI RANI	B.TECH (CS&E), III Year
66	ADITI VARSHNEY	B.TECH (EC), I Year
67	KM. PRAKRATI BAJPAI	B.TECH (EC), II Year
68	NITESHWAR MISHRA	B.TECH (EC), III Year
69	KARTIK DAVE	B.TECH (EE), I Year
70	KM. RASHMI GAUTAM	B.TECH(EE), II Year
71	SANTOSH KUMAR	B.TECH(EE), III Year
72	AMIR SUHAIL	B.TECH (ME), I Year
73	MOHIT KUMAR	B.TECH (ME), II Year
74	ROSHAN KUMAR MISHRA	B.TECH (ME), III Year
75	KM. AKSHITA YADAV	MCA, I Year
76	KM. TRIPTI SHARMA	MCA, II Year
77	ALOK KUMAR SHARMA	MCA, III Year
78	NUREEN NASEEM	BCA, I Year
79	KM. KANCHAN PANT	BCA, II Year
80	MANDEEP KUMAR	BCA, III Year
81	KM. SVAKRITIKA	BJMC, I Year
82	ANUJ PRATAP SINGH	BJMC, II Year
83	SAURABH MADAN	LLB, I Year
84	ARON AGARWAL	LLB, II Year
85	AMIT SANADHYA	LLM, I Year
86	SHEETAL CHAUHAN	LLM, I Year
87	KM. SHAKTI SHARMA	LLM, I Year
88	MOHD. ZEESHAN	B.PHARM, I Year
89	KM. MUSKAN RANA	B.PHARM, II Year
90	KM. RAMANDEEP KAUR	B.PHARM, III Year
91	PRASHANT KUMAR CHANDEL	M.PHARM, I Year
92	KM. GARIMA SINGH	M.PHARM, II Year
93	SUNNY TIWARI	D.PHARM, I Year
94	MOHAMMAD SALEEM USMANI	D.PHARM, II Year
95	ANAMTA PARVEEN	MBA, I Year
96	MANJEET KAUR	MBA, II Year
97	RUPALI SINGHAL	B.COM (HONS), I Year
98	SWATI VERMA	B.COM (HONS), II Year
99	VAISHALI RAJPUT	B.COM (HONS), III Year
100	MOHD ADIL	BBA, I Year
101	MANNAN	BBA, II Year
102	KM. AKANKSHA SINGH	BBA, III Year
103	VISHAKHA CHAUHAN	B.COM, I Year
104	SABOOHI PARVEEN	B.COM, II Year

In House Development
Crop Production Centre





Mr. K K Bansal, is Additional Director of Agriculture Department, and his team including Mr. Sunny and Dr. Rajiv Kumar have developed Crop Production Centre at IFTM University campus with full zeal & enthusiasm.

The crops and vegetables produced at this centre were evaluated for their quality and found superior to the vegetables and crops available in the market. The team is still working on establishment of quality control unit to quantify the levels of foreign organic matters, pesticide residue and heavy metals etc.

The genetically engineered & improved quality crops produced at this centre was possible due to untiring efforts made by Mr. Bansal and his team. In future, a separate research wing is envisioned which would be dedicated to the development of high yield cash crops.

Mr. K K Bansal
Addl. Director,
Dept. of Agriculture Sciences and Engineering

Dr. Rajiv Kumar
Asst. Professor,
Dept. of Agriculture Sciences and Engineering

Mr. Sunny Bhatia
Asst. Professor,
Dept. of Agriculture Sciences and Engineering

IFTM UNIVERSITY
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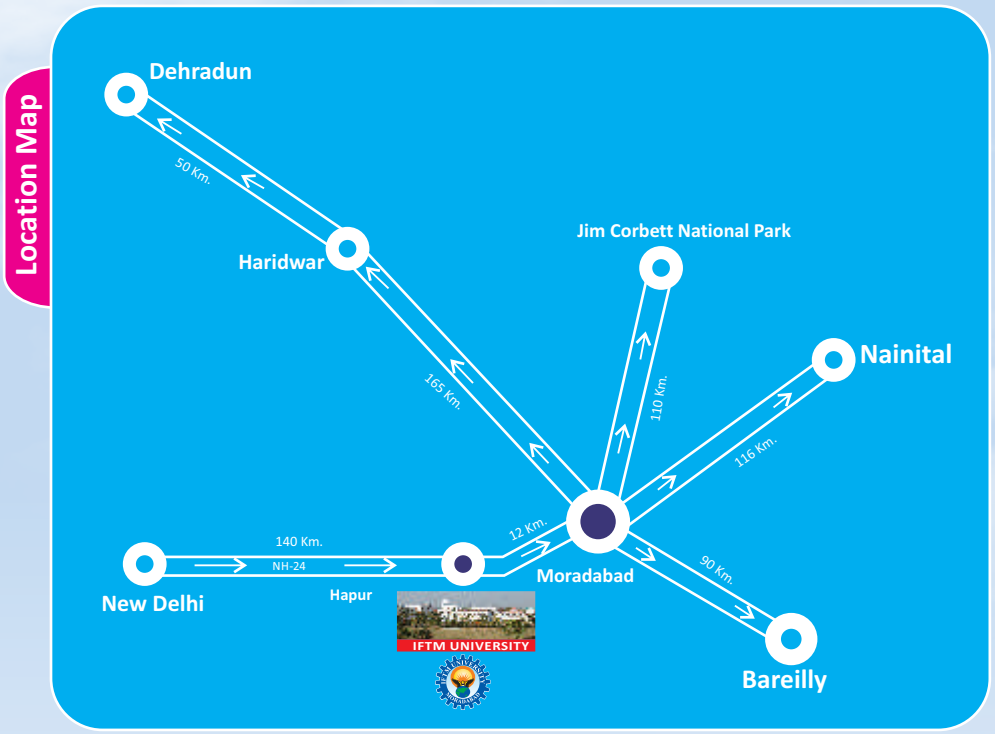

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