



IFTM
UNIVERSITY
MORADABAD

www.iftmuniversity.ac.in

AROMA

MARCH 2016

ADMINISTRATIVE BLOCK



COVER
STORY



(Late) Shri Onkar Saran Kothiwal

नास्ति विद्यासमो बन्धुर्नास्ति विद्यासमः सुहृत् ।
नास्ति विद्यासमं वित्तं नास्ति विद्यासमं सुखम् ॥

विद्या जैसा बन्धु नहीं, विद्या जैसा मित्र नहीं,
विद्या जैसा अन्य कोई धन या सुख नहीं ।

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”**



AROMA

March 2016

I N D E X



Vision, Mission and Values	02
Message from the Chief Patron	03
Message from the Patron	04
Message from the Registrar	05
Progress Report of IFTM University	06
Message from the Editorial Board Desk	08
Manthan: An Industry and Institution Confluence	09
Assess your Research Impact	10
Food: Its Production and Safety	12
Lubrication: Oxygen for Moving Machines and Parts	14
Credentials	15
Cover Story-1 st Convocation	17
Annual Sports Meet 2015	19
Samavesh 2015	20
Research Articles	22
Books/Chapters/Research Monographs	24
QIPs/FDPs/Conferences/Seminars/Workshops Attend	25
Students' Corner	26
Visits/Tours	27
National Pharmacy Week	28
Expert Lecture @ Our University Campus	29
Faculty Development Programmes	31
Workshops/Seminars Organized @	
Our University Campus	32
Recruiters and Training Partners	33
Doctorate Awarded	34
Gold Medalists-2015	35
In House Development	36

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.

CHIEF PATRON

Mr. Rajiv Kothiwal
Chancellor

PATRON

Dr. R. M. Dubey
Vice Chancellor

ADVISORS

Dr. Mohit Dubey
Pro Vice Chancellor

Dr. Aditya Sharma
OSD to Vice Chancellor

Dr. Anuj Srivastava
Controller of Examination

Prof. MIH Ansari
Director, School of Engineering & Technology

Dr. Manjula Jain
Director, School of Business Management

Dr. S. D. Sharma
Professor, School of Sciences

Dr. Sanjay Mishra
Professor, School of Biotechnology

Dr. M. P. Pandey
Finance Officer

Mr. K. P. Singh
Dy. Registrar

Mr. Vibhavas Tiwari
Director, Public Relations

EDITORIAL BOARD

Dr. Navneet Verma
Associate Professor
Faculty of Pharmacy

Dr. Arun K. Mishra
Assistant Professor
Faculty of Pharmacy

Dr. Swastika Tripathi
Assistant Professor
Faculty of Commerce & Management Studies

CREATIVE DESIGNER
Mr. Mayur Porwal



Message from the **Chief Patron**

I feel honored and pleased to mark the beginning of year 2016 with the launch of annual magazine of the University, "AROMA". It is indeed a valuable platform to showcase all the events, achievements and activities of the calendar year in an appreciable effort. The topics covered in this issue are really alluring, edifying and valuable.

I wish all the best to editorial board team and hope that readers will like the informations, articles and other contents of this issue of AROMA.
Best wishes...

Rajiv Kothiwal
Chancellor



Message from the **Patron**

I am very happy to see the annual issue of AROMA is being released on grand occasion of Foundation Day.

I firmly believe that sharing information is the best way to stay connected with one another. I have strong trust that this magazine would definitely be a platform for sharing useful information to promote academic, research and extracurricular activities throughout society.

I congratulate the editorial board for their efforts to release this magazine.

Dr. R. M. Dubey
Vice-Chancellor



Message from the **Registrar**

I am delighted to greet the students, faculty members, staff, reviewers and readers of AROMA through this annual issue. It gives me immense pleasure to witness that the connectivity of the University with society is duly maintained.

This issue is an attempt to bring out information in new format regarding all-round developmental activities, events, occurrences and achievements of IFTM University in the last calendar year.

I wish all the best to editorial team and hope that readers will enjoy this issue.

Sanjeev Agarwal
Registrar



Progress Report of IFTM University

Dr. Mohit Dubey
Pro Vice Chancellor

Year 2015 was a milestone in the journey of IFTM University as it celebrated the **1st Convocation** of University. 6392 graduands received their Degrees and the toppers were awarded Gold Medals for their outstanding performance. The Chief Guest on the occasion was an eminent personality Prof. Hari Gautam (former UGC Chairman and VC of BHU). His Convocation address made all the IFTM family members proud as he appreciated the honest and transparent systems established in the University and wished that this University becomes the "mini BHU". Convocation ceremony was carried out in a traditional way with the mix of latest technology. It was an occasion where the external members of Executive Council of the University were present. Mr. Rajiv Bhatia (former IFS officer), Mr. G. P. Upadhyay (Principal Secretary, Govt. of Sikkim), Prof. Pradeep Taneja (University of Melbourne), Prof. Asha Ram Tripathi (BHU) and Prof. Ansari (Jamia Hamdard University), Mr Shaun Star (President Australia-India Youth Dialogue and Law Expert, Australia) made the event very rich

by their presence.

Building upon the quality addition of faculty in the University, recruitments from the top institutions of the country like BHU, AMU, IIT-K,

IIT-R, etc were done. Department of Agriculture saw an addition of rich talent in the form of Dr. K.P. Singh who is a seed scientist. His



presence has great impact on the campus. Efforts are being done to promote "**Organic Farming**" in the University farms. More than 30 different types of flowers were grown by Horticulturists of University to create a beautiful sight at the campus. Agriculture team is carrying out research work on grains that will bear results in future.

Leveraging technology has been the strong area of University. Further regarding automation the university initiated filling of examination forms online & experienced major time savings. Admit cards were issued online. Faculty members utilized the ERP system to capture the data of Internal exams thereby making the overall examination process faster and more efficient. University





team is currently working on upgrading the University website to make it more mobile friendly and platform independent. In addition to upgrading the website, the team is working on creating a mobile app of the University.

Blending of main stream education with skill building education has gained traction in the year 2015. University signed MoU with one of the world's largest Electronics giant Samsung for imparting skill education. Under this MOU, a world class lab **"Advanced Repair and Industrial Skills Enhancement (ARISE-3)"** has been established in the campus. This is the first time in Indian Private University Education that this type of lab has been established. Trainers have been trained and certified by Samsung on repairing skills of Refrigeration, Air Conditioning, Washing Machine, Mobile Phones, Laptops, LCD etc. This will boost the overall skill levels of the University students and the lab also plans to train the students in Moradabad region in the future. Many other similar MoUs are in discussions for imparting various skills. To streamline the skill training efforts in the University, a dedicated centre was launched viz; **"IFTM Centre of Skill Development (ICSD)"**. The logo of ICSD has been designed such that it reflects the blend of education (symbolised by pencil) and skill (symbolised by spanner) development, tri colour band from Indian national flag hence it's motto "Shiksha ka saath, Hunar ka Haath" is apt.



Besides building the new academic infrastructure in the University, the roman architecture of the newly built Main Gate of University is a huge attraction to everyone. Newly inaugurated Multipurpose Hall (MPH) has 3 International standards Badminton courts. Various indoor sports facilities are built into MPH. Pitches on both the cricket grounds were relayed to provide better cricket facilities. To spread team work among University staff members, a cricket tournament IPL (IFTM Premier League) was started where all the staff members of various schools competed for IPL trophy. An innovative indoor cricket tournament was also started under lights. A badminton tournament for the kids of staff was also organised which was followed by the badminton tournament for staff members. All the families participated in this sports carnival.



Going into the new session of 2016-17, University has got approval to begin Integrated education courses (BA-B.Ed. & B.Sc. B.Ed.) and M.Ed. in the Faculty of Education. Faculty level Advisory Committees comprising of subject experts drawn from top institutions of the country has started working to boost the research focus of University. It plans to build upon the achievements of past and create a better organisation for future.

Message from the *Editorial Board Desk*

Dear Readers,

It is with much joy and anticipation that we celebrate the launching of annual issue of AROMA. We would like to extend a very warm welcome to our readers and take this opportunity to thank our authors, editors and anonymous reviewers, all of whom have volunteered to contribute to the success of the University magazine.

The past session of IFTM University was full of enthusiastic events. The events included Convocation ceremony, Foundation Day Programme, Sports Meet, Manthan-an Industry and Institution Confluence, guest lectures, workshops and training programmes. Luminaries from academic and corporate sectors visited the University on various occasions and enlightened the students and faculty members with their experience and know-how.

The everlasting dedication of faculty members, sound administration as well as admirable attempts of students towards learning process is the driving force through which IFTM University is progressing towards excellence.

This issue of AROMA covers three articles namely, Assess Your Research Impact, Food: its Production and Safety, Lubrication: Oxygen for Moving Machine and Parts. This issue reflects the snapshots of entire IFTM University with different colors.

Academic event 1st Convocation forms the cover story of this issue. Dr Hari Gautam, former Chairman, UGC was the chief guest of the event and 6392 degrees were conferred to the graduands of IFTM University.

The events like celebration of National Pharmacy Week, Blood Donation Camp, Health and Dental Checkup Camp are interesting parts of this issue. Academic credentials segment of this issue reflects the snapshot of award winnings and competitive credentials of our students and faculty members. This segment will encourage scholars to actively participate in betterment of the society. A showcasing of newly developed excellent laboratory for Hotel Management and Catering Technology and skill building lab in collaboration with Samsung Co. are also showcased in the section of In-House Development.

The academic achievement by our faculty members in the form of paper publications, books and Ph.D. awarded are also recorded in academic achievement section. Lectureship series by various eminent personalities of their field were also conducted to make the members of IFTM University aware about scenario of present era. Spectacular academic performance by students and its result in the form of top ranking has been listed along with topper's photo 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...



Dr. Navneet Verma
Associate Professor
Faculty of Pharmacy



Dr. Arun K Mishra
Assistant Professor
Faculty of Pharmacy



Dr. Swastika Tripathi
Assistant Professor
Faculty of Commerce & Management Studies



Manthan

An Industry and Institution Confluence

Dr. Aditya Sharma

Director-HR



Manthan was a churning of minds – “An Industry and Institution confluence” for a common purpose of making IFTM students more employable. The event was the joint effort put up by Minerva & IFTM University. The topic of the event was “Employability Trends – Challenges & Opportunities”. The eminent speakers from the Industry included:-

- Mr Bimal Tandon, Director Carrier Air-conditioning & Refrigeration
- Mr Virendra Nath Grover, Founder Secretary, Ispat Bharti Foundation
- Mr Amul Samvedi, Vice President, NIIT
- Mr Pramod Kumar Mishra, HR Head and GM HR, Simplex Infrastructures
- Mr NS Chauhan, Admin India, Glycols Ltd.
- Dr Sanjeev Kumar Dixit, Scientist, Jubilant Life Sciences Ltd

The speakers from IFTM University included Dr. Mohit Dubey, Pro Vice Chancellor, Prof. Manjula Jain, Director-SBM, Dr Aditya Sharma, Director-HR. The main session focused on the Challenges and Opportunities faced both by the Industry & University, as expressed by all the experts from Industry and the distinguished speakers representing the University.

The second half of the event catered to Focus Group Discussions (FGD's) on Civil Engineering, Computer Science & Engineering and Mechanical Engineering comprising expert of Industry as well as Mr. M.S. Rawat, Mr. Sunit Shukla and Dr. Manoj Kumar from IFTM University. Summarization of all FGD's was done by the reporters of the respective departments after which memento giving was the finale of “Manthan”



The key points of the event are summarized as below:

1. Students to take ownership of their employability by skilling themselves on technical and educational front.
2. Working in teams in the social groups at University and reaching out to the industry around is a start.
3. Being more aware of the market and sharper with their skills, and being open to move out of their comfort zone.
4. The academia to continue to bring industry closer to campus and to incorporate it's recommendation like it in the syllabus, teaching methodology and on the job experience
5. The concluding recommendations to the students to become employable are as follows:
 - o Increase interaction with the students
 - o Provide real exposure and experience during summer internships
 - o Increase industry footfall for placements and help students secure their future

It was a humbling experience for all to see such scale and such opportunity for development.

The students were at the cusp of transformation, and they could surprise one and all to the hilt, with their creativity.



Assess Your Research Impact

Prof. Ashok Kumar

Dean, Faculty of Sciences

Scientists are always looking for new ways to analyze, measure and compare things including their own performance as scientists. While most of us would agree that it is almost impossible to accurately describe career of a scientist with a single number, that does not mean metrics being used to do so are useless.

Journals have long been ranked in order of relative importance by their journal impact factor. However, that system has come under increasing fire. The importance placed on the journal impact factor, calculated by the average number of citations per paper in the previous two years, has led to many journals gaming the system. For example, editors are aware that certain types of papers, such as reviews or research, are highly cited and thus will contribute significantly to the journal impact factor. To illustrate the impact just a few highly cited papers can have, Nature (a journal) reported that 89% of their 2004 impact factor was generated by just 25% of their papers.

Citation analysis is the process by which the impact of a paper or an author is assessed by counting the number of times their papers are cited by other researchers. The caveat however, there is no single citation analysis tool that collects all the papers and their cited references. For a thorough analysis of the impact of an author or a paper, one needs to look in multiple data bases to collect all possible cited references. A number of resources namely Web of Science, Scopus and Google Scholar are available that identify cited works.

In 2005, Physicist Jorge E. Hirsch developed an easily computable index h , which gives an estimate of the importance, significance and broad impact of a scientist's cumulative research contributions. Hirsch argued that the h -index is a simple single number incorporating paper as well as citation data. Hence, it comprises quantitative as well as qualitative aspects. Therefore, h -index has an advantage over other numbers such as Number of papers published in journals of high impact factor (which is arbitrary) or Number of citations to each

of the most cited papers (which again is not a single number). The h-index is defined as follows:

An author has index h if h of his/her N papers have at least h citations each, and the other $(N-h)$ papers have no more than h citations each. For example, a h -index of 10 means that the author has published at least 10 papers each of which has been cited at least 10 times. The h -index has gained considerable acceptance as a measure of an author's research achievements. It has following advantages over the other metrics:-

- It relies on citations to author's publications, not the journals, which is a truer measure of quality.
- It combines an assessment of both quantity (number of papers) and quality (citations of these papers). A scholar cannot have a high h -index without publishing a substantial number of papers. However, this is not enough. These papers need to be cited by other researchers in order to count for the h -index.
- It is not increased by a large number of poorly cited or un-cited papers.
- It minimizes the politics of publication. A high impact paper counts regardless of whether your competitor kept it from being published in the top-tier journals.
- It is insensitive to one or several outstanding highly cited papers.

Critics of the h -index considered the above mentioned last point as a shortcoming of the h -index. Highly cited papers are, of course, important for the determination of h -index value. But, once a paper is selected for the top h papers, this paper is not used any more in the determination of h , as a variable over time. Indeed, once a paper is selected to the top group, the h -index calculated in subsequent years are not affected by the additional citations received by this paper, even if the citations for this paper increase many times.

Leo Egghe, in 2006, argued that it is an advantage of the h -index not to take into account the papers with low number of citations, but it should take into account the citation evolution of the most cited papers. Further, researchers who have published a landmark paper or papers should get the proper credit for it. Various modifications of the h -index have been proposed to take into account some of its perceived shortcomings. However, there is no general consensus so far that any other single number bibliometric indicator is clearly preferable to the h -index.

To calculate h -index of an author, only two pieces of information are required. The total number of papers

published by the author and the number of citations for each paper. Three major databases namely Web of Science, Scopus and Google Scholar can be used to collect these informations. To manually calculate h -index, arrange author's papers in decreasing order of the number of times they have been cited. Then, assign a rank r , equal to 1 to the highest cited paper and a last rank to the least cited paper (see Table). The h -index is then the largest rank, $h=r$, such that the paper on this rank (and hence also all papers on rank 1 to h) has h or more citations. The papers on ranks $h+1$, $h+2$, ---- have no more than h citations each.

An example given below shows the easy calculation of the h -index for an author. The data given in the table are the author's own citation data derived from the Google Scholar. Number of citations for each paper on rank $r=1, \dots, 20$ are given in the first column of the table. It may be mentioned that the actual citation data can be higher than the data given in the table. Because, Google Scholar provides citation counts only for the papers indexed within it. From the table, it is clear that $r=17$ is the highest rank such that all papers on ranks, $r=1, \dots, 17$ have at least 17 citations. Papers on ranks 18, $\dots, 20$ have citations less than 17. Therefore, author's h -index is 17.

Table: Ranking of the author's papers according to their number of citations received.

Number of citations	Paper rank r
287	1
186	2
75	3
67	4
65	5
53	6
43	7
43	8
36	9
34	10
30	11
27	12
22	13
21	14
19	15
18	16
17	17 <i>h-index</i>
16	18
16	19
14	20

Jorge E. Hirsch calculated the h -index of Nobel prize winners and found 84% of them have a h -index of at least 30.



Food: Its Production And Safety

Prof. K P Singh

Dean, Faculty of Agriculture

Food Production:

The prospects for feeding humanity as we enter the 21st century often are portrayed in a daunting light. World's population has been growing faster than cereal production since the early 1980s, and therefore that global per-capita cereal output is falling now. The rate of growth of world's food grain yield also is said to be declining; the strong implication is that this decline is caused by increasing environmental constraints.

In the period as we reach to 2025 the world's population is expected to rise by just under 800 million per decade, to slightly over 8 billion. The largest absolute additions, by far, will occur in South Asia and sub-Saharan Africa. These are regions of low per-capita cereal production and consumption, but together they account for more than 55% of the total anticipated demographic growth. An initial calculation of the volume of world cereal demand in 2025 holds per-capita food grain consumption constant in each region (at the levels prevailing around 1990) and then projects demand forward solely on the basis of the anticipated population growth. On this population-increase, world's cereal production must rise from around 1.921 billion tons in 1990 to about 2.679 billion in 2025 to match the rise in demand.

Food has always been obtained through agriculture. With increasing concern over both the methods and products of modern industrial agriculture, there has been a growing trend toward sustainable agricultural practices. This approach, partly fuelled by consumer demand, encourages biodiversity, local self-reliance and organic farming methods. Major influences on food production include international organizations (e.g. the World Trade Organization and Common Agricultural Policy), national government policy (or law), and war.

Several organisations have begun calling for a new kind of agriculture in which agro-ecosystems provide food but also support vital ecosystem services so that soil fertility and biodiversity are maintained rather than compromised.

Food is any substance consumed to provide nutritional support for the body. It is usually of plant or animal origin, and contains essential nutrients, such as fats, proteins, vitamins and minerals. The substance is ingested by an organism and assimilated by the organism's cells to provide energy, maintain life and to stimulate growth. In common words, food is any nutritious substance that people or animals eat or drink or that plants absorb in order to maintain life and growth.

According to International Covenant on Economic, Social and Cultural Rights (ICESCR) the right to food is a human right, recognizing the right to an adequate standard of living, including adequate food, as well as "fundamental right to be free from hunger."

Some countries derived a legal definition of food. Food is any item that can be processed, partially processed or unprocessed for consumption. Food includes any substance intended to be, or reasonably expected to be, ingested by humans. In addition to these, any foodstuffs, drink, chewing gum, water or other items processed into said food items are part of the legal definition of food. Items not included in the legal definition of food include animal feed, live animals (unless being prepared for sale in a market), plants prior to harvesting, medicinal products, cosmetics, tobacco and tobacco products, narcotic or psychotropic substances, residues and contaminants.

According to the International Water Management Institute, well-managed agro-ecosystems not only provide food, fiber and animal products but they also provide services such as flood mitigation, groundwater recharge, erosion control and habitats for plants, birds fish and other animals.

Nutrition and Dietary Problems:

Between the extremes of optimal health and death from starvation or malnutrition, there is an array of disease states that can be caused or alleviated by changes in diet. Deficiencies, excesses, and imbalances in diet can produce negative impacts on health, which may lead to various health problems such as scurvy, obesity, osteoporosis, diabetes, cardiovascular diseases as well as psychological and behavioural problems. The science of nutrition attempts to understand how and why specific dietary aspects influence health. Nutrients in food are grouped into several categories. Macronutrients are fat, protein, and carbohydrates. Micronutrients are the minerals and vitamins. Additionally, food contains water and dietary fiber. Food borne illness, commonly called "food poisoning", is caused by bacteria, toxins, viruses, parasites and prions.

Roughly, 7 million people die of food poisoning each year, with about 10 times as many suffering from a non-fatal version. The two most common factors leading to cases of bacterial food borne illness are cross-contamination of ready-to-eat food from other uncooked foods and improper temperature control. Less commonly, acute adverse reactions can also occur if chemical contamination of food occurs, for example from improper storage, or use of non-food grade soaps and disinfectants. Food can also be adulterated by a very wide range of articles (known as "foreign bodies") during farming, manufacture, cooking, packaging, distribution or sale. These foreign bodies can include pests or their droppings, hairs, cigarette butts, wood chips, and all manner of other contaminants. It is possible for certain types of food to become contaminated if stored or presented in an unsafe container, such as a ceramic pot with lead-based glaze.

Food Safety:

Recommended measures for ensuring food safety includes maintaining a clean preparation area with foods of different types kept separate ensuring an adequate cooking temperature and refrigerating foods promptly after cooking. Foods that spoil easily such as meats, dairy, and seafood, must be prepared a certain way to avoid contaminating the people for whom they are prepared. As such, the rule of thumb is that cold foods (such as dairy products) should be kept cold and hot foods (such as soup) should be kept hot until storage. Some people have allergies or sensitivities to foods which are not problematic to most people. This occurs when a person's immune

system mistakes a certain food protein for a harmful foreign agent and attacks it. About 2% of adults and 8% of children have a food allergy. The amount of the food substance required to provoke a reaction in a particularly susceptible individual can be quite small.

Human diet was estimated to cause around 35% of Cancers in a human epidemiological analysis by Richard Doll and Richard Peto in 1981. These cancer may be caused by carcinogens that are present in food naturally or as contaminants. Food contaminated with fungal growth may contain mycotoxins such as aflatoxins which may be found in contaminated corn and peanuts.

Food safety is a scientific discipline describing handling, preparation, and storage of food in ways that prevent food borne illness. This includes a number of routines that should be followed to avoid potentially severe health hazards. In this way Food Safety often overlaps with Food Defense to prevent harm to consumers. The tracks within this line of thought are safety between industry and the market and then between the market and the consumer. In considering industry to market practices, food safety considerations include the origins of food including the practices relating to food labeling, food hygiene, food additives and pesticide residues, as well as policies on biotechnology and food and guidelines for the management of governmental import and export inspection and certification systems for foods. In considering market to consumer practices, the usual thought is that food ought to be safe in the market and the concern is safe delivery and preparation of the food for the consumer.

Food can transmit disease from person to person as well as serve as a growth medium for bacteria that can cause food poisoning according to WHO, there are five key principles of food hygiene as:

1. Prevent contaminating food with pathogens spreading from people, pets, and pests.
2. Separate raw & cooked foods to prevent contaminating the cooked foods.
3. Cook foods for the appropriate length of time and at the appropriate temperature to kill pathogens.
4. Store food at the proper temperature.
5. Do use safe water and raw materials.

In developed countries there are intricate standards for food preparation, whereas in lesser developed countries the main issue is simply the availability of adequate safe water, which is usually a critical item. In theory, food poisoning is 100% preventable. In India, Food safety and Standards Authority of India established under the Food Safety and Standards Act 2006, it is regulating body related to food safety and laying down of standards of food.



Lubrication: Oxygen for Moving Machines and Parts

Prof. Intezar Mahdi

Dean of Student Welfare

The primary purpose of lubrication is to reduce friction, wear and heat between contacting surfaces in relative motion. Wear and heat cannot be completely eliminated, they can be reduced to negligible or acceptable levels. It plays a very important role in improving efficiency and service life of any moving machines, parts or components.

Lubrication essentially involves introducing a layer of material with low shear strength between the two surfaces. Lubrication is used for a number of purposes like to reduce friction between any moving parts, to reduce oxidation, to prevent rust, to provide insulation in transformer applications, to transmit mechanical power in hydraulic fluid power applications and to seal against dust, dirt, and water. The materials which are used for Lubrication are famously known as Lubricants. Lubricant is a low viscosity material and is a mixture of base oil and additive package. Lubricants generally contain 90% base oil and less than 10% additives. Additives are materials used to impart desired properties to lubricants. Lubricants are generally available in liquid, solid, and gaseous forms.



There are number of professional societies and organizations worldwide which have established classification of Lubricants. Some of them are: SAE (Society of Automotive Engineers), API (American Petroleum Institute), AGMA (American Gear Manufacturers Association), ISO (International Standards Organization), NLGI (National Lubricating Grease Institute).

Lubricants perform the following functions:

- Keep moving parts apart,
- Transmit power,
- Protect against wear,
- Carry away contaminants & debris,
- Stop the risk of smoke
- Reduce friction,
- Transfer heat,
- Prevent corrosion,
- Seal for gasses,
- Fire of objects.

Hence automotive engineers referred Lubrication as oxygen for any moving machines, parts or components.

Credentials



Dr. A K Sharma has been conferred **Illustrious Alumni Award** by Alumni Association of H S Gaur Sagar University, Sagar (MP).



Dr. Himanshu Trivedi, has been conferred **Mahima Young Scientist Award-2015** by Mahima Research Foundation and Social Welfare, Banaras Hindu University, Varanasi (U.P.).



Mr. Syed Salman Ali, has been awarded **Innovative Researcher Award** from Indian Council of Medical Research, Delhi in National Symposium on "Pharmacovigilance in India" Held at Sir Madanlal Institute of Pharmacy, Etawah (U.P.).



Mr. Vahadood Hasan has been awarded **Indian Patent** entitled **Microcontroller based Substation Isolator/ Patent App. No.- 871/DEL/2014** Date of filing- 26/03/2014 Publication date- 02/10/2015 by Intellectual Property India (Govt. of India) New Delhi.



1st Convocation

With the success of graduation, comes more challenges and opportunities in life. Face the both with the zeal and determination. Congratulations to our grandaunds. These heartfelt lines were the foundation of the 1st Convocation of our University, which was celebrated on 1st December 2015. Students of 2012-13, 2013-14 and 2014-15 were conferred degrees on the auspicious convocation day. On this occasion, 13 students were awarded Ph.D degree and 89 were awarded with gold medals in various fields, for their academic excellence and achievement.

The University was decorated in the most decent manner for the occasion in the combination of blue and white. The members of Executive & Academic councils marched in the form of procession to the venue. Eminent experts and resource persons from various fields graced the occasion with their presence. The guest list comprised of Ambassador Rajiv Bhatia, Prof. Pradeep Taneja, Melbourne University, Prof A R Tripathi, BHU, Varanasi, Prof S H Ansari, Jamia Hamdard University, New Delhi, Shri G P Upadhyay Senior IAS Officer & Principal Secretary Education Department Sikkim, Mr. Shaun Star, President Australia- India Youth Dialogue & Law Expert, Australia.

The occasion was made auspicious and memorable by the presence of Prof. Hari Gautam, former UGC Chairman, Vice-Chancellor of Banaras Hindu University, Vice-Chancellor of King George's Medical University, Lucknow. He is renowned for the following qualities of being acclaimed, benevolent, gregarious and many more. In his convocation speech, Prof. Gautam expressed that "convocation day is an opportunity for the students to reflect both on the past and their future". He mentioned that firm believes in self, hard work, determination and faith in the almighty will always help you arrive at your goals. Tenacity and insistence are the key to accomplishment.

In his concluding note he asked students to imbibe the cultural values in their personality if one wishes to gain recognition. Do well and be good should be then notion to be kept in minds of the students as it will strengthen their confidence and self respect. Education gives wings to intellect and provides an insight to feel good for the nation as well as for the university as they are the representatives of the same in the outer world.



परों को खोल जमाना उडान देखता है।
जमी पर बैठकर क्यों आसमान देखता है।
गर मिला है हुनर, तो इसका इस्तेमाल कर।
तू आगे बढ़, तुझे जमाना देखता है।।

The convocation day was made memorable as the event was captured with the help of drone camera which was designed by our B. Tech students. The drone camera could go high up to 15 feet. In order to maintain proper discipline and to avoid any contingent situation, 21 stalls of various courses and for every session were set up to ease students have their degrees. Students were looking elegant in gowns and were feeling very happy and emotional on becoming graduates.

As the Convocation drew to a close, the fresh graduates flooded out of the pandal, eager to share the joy with their family and friends. In the company of friends and batch mates, snatches of conversation overheard revolved around reminiscing of shared memories, the exchange of details as well as promises to meet up. Students were very happy, joyously enthusiastic, high in spirits, overwhelmed and excited on becoming graduates. Even parents showed signs of contentment too.



Annual *sports meet* 2015



Games and sports are essential for the all round development of personality. It builds character, leadership skills and teaches strategic thinking. With this thought, IFTM University had organized the annual sports meet in the month of March. Hon'ble Chancellor Shri Rajiv Kothiwal inaugurated the event by releasing a big bunch of colorful balloons. The students of different schools presented an impressive march past with great zeal and enthusiasm. The chief guest Dr. Nitin Batra, renowned physician of Moradabad motivated the students and said that participating in a sport can be a helpful way to reduce stress level and increases feeling of physical and mental well-being. Hon'ble Vice Chancellor Dr. R. M. Dubey also encouraged the participants and said that competitive sports are the important part of our education system.

During the meet, sports like cricket, football, table tennis, volley ball, badminton etc. were organized. About one thousand students from all the schools of University

participated in these events. A plethora of sports events took place during this meet, in which the students and faculty members involved themselves in the true spirit of sportsmanship.

In the valedictory function Hon'ble Chancellor and Hon'ble Vice Chancellor distributed medals and shields to the winning teams and players. School of Business Management stood first with 6 gold, 3 silver and 2 bronze medals. School of Sciences secured the second position with 5 gold, 3 silver and 1 bronze medals. University Polytechnic was on third position with 3 gold, 1 silver and 4 bronze medals.

Mr. Vaibhav Trivedi, Director Sports and Prof Intezar Mahdi, Dean Student's Welfare were congratulated by Hon'ble Chancellor & Vice Chancellor for the magnificent organization of sports meet.

Foundation Day Celebrations Samavesh 2015

Foundation day of IFTM University Moradabad was celebrated in March 2015 in grand fashion. The programme was organized in open air theatre. The programme began with lightening of lamp in front of goddess Saraswati.

The cascade of events included inauguration ceremony by Commissioner, Mr. Vipin Kr Dwivedi, followed by Ganesh Vandna. The entire event was cheerful and full of interesting programmes. The splendid performance by students attracted everyone. The play, solo dances, group dances and marvelous performances by small children

increased the echo of pandal. The clapping sound of audience revealed the fact that event was successfully organized.

Honorable Chancellor conferred medals to 200 students for their best academic performance in Diploma/UG/PG courses. Honorable Vice Chancellor congratulated Dr. Manjula Jain, Dr. I Mehdi and team associated for active devotion to organize their event with great success.





RESEARCH ARTICLES

- **Sharma S. D.** "A new amorphous phase of stannic phosphor-silicate: synthesis, characterization and thermal stability." *J. Them. Anal. Calorim.*, 2015, 119 (2) 837-844.
- **Rastogi Nikhil.**, Carbon Nanotube-Polymer Composites for Sensor Applications, *The International Journal Of Science & Technoledge*, August, 2015, 27 Vol. 3 Issue 8.
- **Gupta Vikas**, "Room Temperature Preparation, Electrical Conductivity and Thermal Behavior Evaluation on Silver Nanoparticle Embedded Polyaniline Tungstophosphate Nanocomposite" Published online in Wiley Online Library Society of Plastics Engineers polymer composites, 2015.
- **Kumar Sushil**, Synthesis and biological activity of peptide derivatives of 1,2-dihydro-3-methyl-2-oxoquinoxaline-6-carboxylic acid, *Der Pharma Chemica*, 2015; 7(9):210-220.
- **Lohani Alka.**, Tailored-interpenetrating polymer network beads of -carrageenan and sodium carboxymethyl cellulose for controlled drug delivery, *J Drug Deliv Sci Technol* 2015; 31:53-64.
- **Gaur Viparna**, "Right To Information: A Judicial Analysis in India" in *Global Journal for Law And Humanities*, (ISSN No. – 2347-6583), Vol. IV, January- June, 2015.
- **Porwal Mayur**, "A newly developed assessment tool on collaborative role of doctor–pharmacist in patient medication management" *Fam Med Prim Care Rev* 2016; 18(1): 44–48.
- **Mishra Arun K.**, "Quantitative Estimation of Lead (Pb) and Cadmium (Cd) Content in Commonly Used Cosmeceuticals Using Atomic Absorption Spectroscopy" *Current Pharmaceutical Analysis* 2015; 11(1): 1-6.
- **Mishra Amrita**, "Pharmacognostic, physicochemical and phytochemical investigation of *Bacopa monnieri* L. stem and its anticonvulsant potential in laboratory animals" *International journal of Epilepsy*, 2015; 2(1): 19-27.
- **Verma Navneet**, "Prospectives and Potentials of Bilayer Technology: A Novel Approach" *Journal of Pharmaceutical Sciences and Pharmacology*, 2015; 14:148–161.
- **Dubey Juhi**, "Evaluation of Chitosan Based Polymeric Matrices for Sustained Stomach Specific Delivery of Propranolol Hydrochloride" *Indian Journal of Materials Science*, 2015; 2(15):1–9.
- **Singh Harpreet.**, *Cleome viscosa* Linn (Capparaceae): A Review, *Pharmaco. J* 2015; 7(6): 326-29.
- **Chandra Phool.**, Evaluation of antacid capacity and antiulcer activity of *Calendula officinalis* L. in experimental rats, *Oriental Pharmacy and Experimental Medicine* 2015; 15(4): 277-285.
- **Sachan Neetu.**, Assessment of gastroprotective potential of *Delonix regia* (Boj Ex Hook) Raf against ethanol and cold restrain stress-induced ulcer in rats, *Tropical Journal of Pharmaceutical Research* 2015; 14 (6): 1063-1070.
- **Singh R.K.**, Using Smartphones in Education: A New Frontier. *Indian Journal of education Yug Shilpi* 2015;9(20):25-28.
- **Vahadood Hasan**, "Comparison of Performance of Distributed Power Flow Controller (DPFC) and Unified Power Flow Controller (UPFC)", Published in *IJAERD*, *International Journal of Advance Engineering and Research Development (IJAERD)*, ISSN (Online): 2348 - 4470, ISSN (print): 2348-6406 Volume 02 Issue 04, May-2015 ACEIT, JAIPUR RAJASTHAN.
- **Chaudhary Aditya**, 'Fault Analysis Of DFIG under Grid Disturbances' *International Journal of Engineering Research And Application* ISSN: 2248-9622 (Print), 2015; 5(7)pp-42-47
- **Khanna Puneet**, "A Survey of Defected Wideband and Multiband Microstrip Patch Antenna" *IJSRD*, pp 2043-2047 Vol.3, Issue 4, 2015.
- **Sharma Amar**, "A Survey on structure- shaped Wideband Microstrip Patch Antenna" *IJSR*, pp 62-66 Vol.II, Issue-VIII, Aug 2015.
- **Kumar Jitendra**, "An effective technique of vehicle traffic routing using ant colony optimization algorithm", in *IPASJ International Journal of Computer Science*, Volume 3, Issue 3, March 2015
- **Jain Ankur**, "Effect Analysis of Black Hole Attack of AODV Protocol in MANET using Table Driven Approach", *International Journal of Computer Applications*, (ISSN: 0975 - 8887), Volume 119 – No.9, June 2015, pp 28 – 35
- **Mishra Abhishek**, A Partition Based Visual Secret Sharing Schemes for Large Images, *IEEE 1st International Conference on Next Generation Computing Technologies (NGCT-2015) Dehradun (India)*, 4-5 September 2015, p.p. 885-890 (2015) (available on IEEE Xplore Digital Library).
- **Navin Prakash**, "Various Approaches of Support Vector Machines and combined Classifiers in Face Recognition," *International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)*, Volume 3 Issue 10, pp. 5941 – 5950, October 2015.
- **Yadav Rakesh K.**, "Application Expansion inside Optimized RBF Kernel of SVM in Robust Face Recognition System ", *International Journal of Signal Processing, Image Processing and Pattern Recognition*, SERCS, Vol.8, No.12 (DEC 2015), pp.89-98

- **Singh Devendra**, "A Survey: Feature based Intrusion Detection System in Mobile Ad-hoc Network", International Journal of Computer Science and Technology (IJCTST) Vol. 6, Issue 4, Dec 2015, 135-140.
- **Uniyal Itika**, "Comparison of the compressive strength of SCC and NVC at elevated temperature", International Journal of Technical Research and Applications (IJTRA). Volume 3, Issue 1 (January- February 2015), pp. 23-24.
- **Saxena Pranshu**, "Experimental Study on Mechanical Properties of M30 concrete with Partial Replacement of Cement and Fine Aggregate with Silica Fume and Copper Slag", "International Journal of Research in Engineering and Technology(IJRET)" Volume: 04 Issue: 05 | May-2015, pp: 283-286.
- **Khalid Anam**, "Piezoelectric Vibration Harvesters Based on Vibrations of Cantilevered Bimorphs: A Review" Materials Sciences and Applications Vol.6 No.9, Pub. Date: September 29, 2015
- **Haider Kamaal**, " Investigation of mechanical properties of Aluminium based metal matrix composites reinforced with SiC and Al₂O₃," IJERA, Vol. 5, Issue-9, Sep 2015, page 63-69.
- **Javed Mohd**, "Customer Satisfaction and service quality in four wheeler automobile service industry: A Review," SSRG-IJME, Vol 2, issue 9, Sep 2015, p30-34.
- **Trivedi Vaibhav**, "Scanning Electron Micrographic Investigation of Explanted (Used) Metallic Biomedical Implants for Corrosion and Other Mechanical Damage Responsible for Failure" SCI Journal Materials Sciences and Applications, Oct 2015, 6, 869-878.
- **Kumar Neeraj**, "A Review on Nanofluids Applications for Heat Transfer in Micro-channels", Elsevier Journal Procedia Engineering, Volume 127, Dec 2015, Pages 1197-1202
- **Kumar Mukesh**, "Wear Analysis and Mechanical Characterization of Boron Carbide/Molybdenum Disulfide Reinforced Al-alloy (AA6061) Composites", International Conference on Advanced and Agile Manufacturing Systems (ICAM-2015) KNIT Sultanpur, UP, Dec 28-29, 2015, page 261-265.
- **S. Arif**, "Effect of stirring speed and filler concentration on hardness of PMMA/CaCO₃ nanocomposites and its optimization through taguchi's analysis," International Journal of Innovative Research in Science, Engineering and Technology, vol. 4, no. 6, pp. 4080-4087, 2015.
- **Saxena Vishal**, " A Comparative study of different materials of connecting rod: A Review" MIT International Journal of Mechanical Engineering, Vol. 5, No. 1, Jan 2015, pp. 54-57.
- **Alam M. A.**, "Effect of stirring speed and filler concentration on hardness of PMMA /CaCO₃nanocomposites and its optimization through taguchi's analysis," International Journal of Innovative Research in Science, Engineering and Technology, vol. 4, no. 6, pp. 4080-4087, June 2015.
- **Gahadwal Ajay**, "Experimental Investigation of Emission Characteristics of CI Engine fuelled with Blends of Neem Biodiesel and Diesel".International Journal of Research (IJR), Volume 2, Issue 11, November 2015.
- **Ali S. Salman**, Pathological MicroRNAs in Acute Cardiovascular Diseases and MicroRNA Therapeutics. Journal of Acute Disease. 2016; 5(1): 9-15.
- **Arya Mohan Lal**, "Relationship between Principal's Administrative Behaviour and Senior Secondary School's Effectiveness in Moradabad", Global Journal of Multidisciplinary Studies (GJMS), Jabalpur, M.P., India, April 2015, ISSN- 2348-0459.
- **Agarwal Nisha**, "The 'Individual' Dimensions of Organizational Citizenship Behavior (OCB): Variations Between Public & Private Sector Banks of NCR, India." Int. J. Organizational Behaviour and Management Perspectives (PJ)" 2279 – 0950, pp. 1736-1743, Volume 4, Number 2, April-June' 2015.
- **Yadav Rakesh K.**, Effectiveness of Product Placement in Indian Cinema, International Journal of Economics and Managerial Thoughts, Vol. 5, No.2 (Oct, 2014-Mar, 2015) & Vol.6, No.1, (April, 2015-Sept, 2015) pp 81-87, (ISSN: 2229-3736)
- **Singh Yogendra**, "Pharmaceutical Products and Patent Protection Issues: Critical Study of Novartis case with Indian Legal Scenario" in Journal of IPEM (ISSN No.- 0974-8903), Issue No. I/ 2015, Vol. 9, January- June, 2015, pp 52- 59.
- **Sikka Pratiksha.**, Role of Aryl Urea Containing Compounds in Medicinal Chemistry, Med. chem. 2015; 5(11):479-83.
- **Mishra Sanjay**, Biochemical and in-silicostudies on pectin methylesterase from G9 variety of Musa acuminatafor delayed ripening. The Open Biochemistry Journal, 2015, 9: 15-23.
- **Dwivedi Neeraja**, Comparative molecular dynamics study of MurA enzymes from E. coli and M. tuberculosis. Innovations in Pharmaceuticals and Pharmacotherapy. 3(3), 2015: 673-682.
- **Ahmed Tanzeel**, HSP27 modulates survival signaling in endosulfan-exposed human peripheral blood mononuclear cells treated with curcumin. Hum ExpToxicol. [Epub ahead of print] PMID: 26242398
- **Nabeel Ahmad**, Phytofabrication of bioinduced silver nanoparticles for biomedical applications. International Journal of Nanomedicine. 10, 2015: 7019-7030.
- **Tiwari A. K. M.** (2016) Effect of Iron Supplementation on Plasma Lipid Levels in Pregnant Anemic Women. Int J Sci Res; 5(1): 713-720.
- **Sharma Sweta**, In-silico study on the active site conformation and structural modulation of glycerol-3-phosphate acyl transferase in relevance to medical significance. International Journal of Multidisciplinary & Current Research 3, 2015: 713-718.

- **Gupta Himanshu**, "Do Stocks, Bonds And Hedge Funds Exhibit Linear Behaviour: Evidence From The Indian Capital Market" Jul-Dec, Vol 6 Issue 2 2015: 28-40
- **Rani Priyanka**; "Leuckart synthesis and pharmacological assessment of novel acetamide derivatives" Anti-Cancer Agents in Medicinal Chemistry.Vol. 16, 2015:1-16.
- **Rastogi Vaibhav.**, Enhancement of Skin Permeation of Glibenclamide from Ethyl Cellulose- Polyvinyl Pyrrolidone based Transdermal Patches using Olive Oil and Mustard oil as Penetration Enhancer: In Vitro, Ex-Vivo and In Vivo Evaluation, Drug Delivery Letters 2015; 5(2): 109-121.
- **Singh Shivali**, Portrayal/Treatment of Children & its Relevance in the Short-Stories of Ravindra Nath Tagore- Subaltern Speak Journal, Pages-70-76, 2015; 2347-2013/2277-3959.
- **Verma Anurag** "Preparation and evaluation of a buflomedil hydrochloride niosomal patch for transdermal delivery" J. lipo. Res., 2015, 25 (3) 191-201.
- **Khan Salma** "Librarian Attitude and Roles towards the Application of Information Communication Technology (ICT) in the University Libraries of Uttar Pradesh" Ind. J. Know. Manage., 2015, 1 (2) 52-60.

Books/Chapters/Research Monograph

Dr. S D Sharma, A book chapter entitled "**Lead Poisoning, the Roman Scenario and today's World**" published in "Advanced functional materials: properties and applications" vol. 1, trans tech publications ltd. laubisrutistr, 24, ch-8712 stafa- zuerich, switzerland (2015).



Dr. S.P. Dwivedi, "**Formulated natural plant extracts from nutmeg and cardamom**" show antifungal activity against clinical isolates of Candida albicans and affects cellular morphology and ergosterol. Multidisciplinary Approaches for Studying and Combating Microbial Pathogens. Publisher: BrownWalker Press. Page 85-90, (2015).



Mr. Yogendra Singh, "**Female Foeticide and Gender Crisis: A Growing Menace in India**" in book "Law relating to Women and Children" (ISBN No.-978-81-930276-4-6), Academic Heights Publication, New Delhi, Ed. 2015, pp 82- 113, (2015).



Dr. Shivali Singh, A Chapter "**Using Literature Especially Drama for Teaching English as a Second/Foreign Language**" in the edited book on 'English Learning Made Easy- Strategies and Approaches' ISBN 9781519752895 by EduPedia Publication Pvt. Ltd., New Delhi, (2015).



Dr. Salma Khan "**Information Use through Open Access Resources by the Student of IFTM University: A study**", Published in 'Library and Information Services: Advancing with Technology, Page 220 – 225 (2015).



QIPs/FDPs/Conferences/Seminars/Workshops Attended

1. **Himanshu Gupta** has participated in a National Seminar with accepted paper on "Awareness of remediation method for the treatment of polycyclic aromatic hydrocarbon for wastewater management" at Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow during 2-3 February 2016.
2. **Navin Kumar** presented a paper in a national seminar on "Role of Legal Education in Present Social Scenario" organized by Swami Shukdevanand Law College, Shajahanpur, (UP), on 2nd March, 2015.
3. **Viparna Gaur** presented a paper in a national seminar on "Law, Social Transformation and SC/ST" organized by Department of Law, Lucknow University, Lucknow (UP), on the topic "Name of Paper presented: "Care and Protection of Girl Children Status: Emerging Issues, Challenges and way forward 03 May, 2015".
4. **Phool Chandra**, presented a poster on "Evaluation of gastroprotective potential of Fumaria indica in rats" at College of Pharmacy, Teerthankar Mahaveer University, Moradabad, during 06-07 February, 2015.
5. **Neetu Sachan**, presented a poster on "Evaluation of anti-arthritic potential of Delonix regia (Family: Fabaceae) on experimental rats" at College of Pharmacy, Teerthankar Mahaveer University, Moradabad, during 06-07 February, 2015.
6. **RajKumari Singh** presented a paper entitled, "Climate Change and its deleterious effects on the health of mankind" in International Seminar on Our environment-yesterday, today & tomorrow at D.A.K.(P.G.) College, Moradabad during 19-20 Dec 2015
7. **Ajay Kumar Singh** has presented a paper 'Role of NDRF in bringing Human Happiness' in an International Seminar organised by Depot. of Commerce, SSPG College Shahjahanpur with Collaboration with Aliant International University, California USA, held on 01-02 Feb. 2016.
8. **Himanshu Trivedi** presented his research work entitled "Response of Liquid Bio-enhancers on Growth and Flowering of Rose (Rosa hybrida) cv. Grand Gala" at Banaras Hindu University, Varanasi, during Nov 2015.
9. **Vivek Kumar** has attended Summer Faculty Research Fellow Programme at IIT Delhi during May 15 to July 15, 2015.
10. **Warisha Meraj** has attended Summer Faculty Research Fellow Programme at IIT Delhi during May 15 to July 15, 2015.
11. **Manish Upadhaya** has attended a workshop on Numerical and Computational methods in Engineering NCME-2015 at NIT Hamirpur during June 30th to July 4th 2015.
12. **Divya Kumar** attended that workshop from 14-19 Dec, 2015 at IIT Delhi Bharti School of Telecommunication & Technology Mgmt.
13. **Abhishek Mishra** presented a paper on "Extended Visual Secret Sharing with Cover Images using Half toning" in International Congress on Information and Communication Technology (ICICT-2015, Udaipur (India), 9-10 Oct (2015)
14. **Suneet Shukla** attended Campus Connect Deep Dive Faculty Enablement Program (FEP) – Big Data and Analytics at Infosys Pune Development Centre from 16th of February 2015 to 20th of February 2015.
15. **Ankur Jain** attended Faculty Development Program on "Soft Computing with Matlab" at ITM University, Gwalior, from 22 to 24 June 2015.
16. **Akanksha Kaushal**, attended a seminar on "Assessment of GHG potential from MSW open dump site, Kanpur" IconSWM, 2015, at IISC Bangalore.
17. **Mohan Lal Arya** Presented a Paper in ICSSR Sponsored National Seminar on "Innovative Teaching of Value Education" at Department of Education, Shri Gandhi Mahavidyalaya, Sidhauri, Distt. Sitapur. U.P, India, During 02-03, April 2015.
18. **Rakesh Kumar Yadav** presented a research paper on "Online Marketing: A New Mantra for Sustainability", in National conference on Emerging Trends in Management & Technology: Challenges & Opportunities organized by SGIT, Ghaziabad held on 17th October, Saturday, 2015
19. **Yogendra Singh**, "Effect of Intoxication in Youth: A Legal Protection in India" held at Maharaja Harishchandra PG College, Moradabad (UP), on March, 22nd, 2015.
20. **Swapna Kumar Srivastava** participated in AICTE sponsored Quality Improvement Program on 'Recent Advances in Nanobiophotonics' jointly organized by Deptt. of Physics and Deptt. of Biotechnology, IIT-Roorkee during 13 -17 July, 2015.
22. **Himanshu Gupta** attended 48th Annual convention of operations research society of India and International conference at Bhuvneswar from 17-19 Dec, 2015
23. **Shivali Singh**, presented a paper on "Postmodernism in the Fiction of Amitav Ghosh" at Bishop Hober College, Trichy during 4-5 Feb. 2016.



Students' Corner

Shobha Diwakar, Nishtha Vashishtha and Aditi Varshney B. Tech students were awarded 1st, 2nd & 3rd prize respectively, in Debate competition held at School of Engineering & Technology.

Model making competition named "BUILD-O-MANIA" was held on 24th September, 2015 in the Department of Civil Engineering. Innovative ideas were presented and displayed by the students. Ashish secured 1st position. Deepak Kumar and Hasan Raza 1st year students displayed "The floating bridge" model. Harvendra Singh, Himanshi Raj, Shuaib Raza Khan and Tahooruddion 4th year students displayed "The Underground Metro Model".



On the occasion of Engineers Day on 15th September 2015, Mechanical Engineering Society organized a Technical Model and Poster Presentation competition. A group of 40 students participated in the event.

Group Discussion Competition was held on 10th April, 2015 in the Department of Civil Engineering on various current topics related to the field of study. The aim of the competition was to help students enhance their ability to present their thoughts.

A survey camp was organised from 5 to 12 June, 2015. Students of B.Tech (Civil) performed various practicals such as plane table surveying, study of total station, Contour maps, dumpy level.

Visits / Tours



A visit of BJMC students was arranged at Global Festival of Journalism, Noida to interact with media persons from different spheres and understand the art and skills essential for journalism.

An industrial visit of B. Tech (Ag) students was arranged at GBPUA&T Pantnagar, to accustom students to farm machinery, power engineering and irrigation concepts.



An industrial visit of MBA and B.Com students was arranged at Parle Biscuits Pvt Ltd. Pantnagar, to familiarize the students about manufacturing of food products.



A visit of B.Tech (Civil) students was arranged at Resort Construction site at Sawaldi West, Ramnagar to familiarize the students about various aspects of construction.

A visit of M. A. (Geography) students was arranged at Nainital (UK) to acquaint the students about aspects and concepts related to Geography of Uttarakhand region.

An industrial visit of B. Tech (Mechanical) students was arranged at TI- Cycles, Noida (UP) and YAHAMA Motor India Pvt Ltd, Greater Noida, to make students aware about the manufacturing processes of Automobiles.

An industrial visit of M.Sc (Chemistry) students was arranged at Jubliant Life Sciences, Gajruala (UP) to familiarize the students about various sections of manufacturing unit. The key objective of the visit was to make students aware about the industrial processes involved in manufacturing of chemicals and food products.

National Pharmacy Week

The Faculty of Pharmacy organized the 54th National Pharmacy Week Celebrations on the theme "Responsible Use of Antibiotics Saves Lives" from 15th to 21st November 2015.

In the Faculty of Pharmacy seminar hall, Prof. Anurag Verma highlighted the objectives of the Pharmacy week and the various events chalked out for the week-long celebrations such as Blood donation camp, Eye health check-up camp, Dental health check-up camp and General Health Checkup camp to create awareness among public and guest lectures by eminent personalities. The program was inaugurated by our Pro Vice Chancellor Dr. Mohit Dubey. In his address, he highlighted the need for pharmacist to play a greater role in the society. Dr. Ranjan Gautam, Assistant Chief Medical Officer, Moradabad was the Guest of Honor. He has delivered the keynote address on the theme. Other eminent guests included Dr. Amit Tirth from Kothiwal Dental College and Research Centre, Moradabad, Ms. Garima Singh, Administrative Officer, C L Gupta Eye Institute, Moradabad and Dr. Nitin Batra, renowned physician of Moradabad.

The Blood donation camp saw enthusiastic participation by the students of the University who turned up in large numbers to contribute to this noble cause. The Faculty, HODs, Deans, and even the Staff members fulfilled their responsibility towards the society as they proudly adorned the badge of a blood donor. Informative leaflets prepared on Responsible Use of Antibiotics were also distributed among the students. Further, to inculcate amongst the Pharmacy students, the feeling of social responsibility of a Pharmacist, a poster competition on the theme of "Importance of Leading Healthy Life Style and Responsible Use of Medicines" was also organized in which the posters made by the students were put up which was appreciated by all the eminent guests. Around 350 students and faculty members have participated in various events held during Pharmacy week celebrations.



Expert Lecture @ Our University Campus

- An Expert Lecture was organized by the Department of Civil Engineering, School of Engineering & Technology on October 28, 2015. Dr. A.K.Lohani, Sr.Scientist IIT Roorkee Deptt. Of Hydrology, delivered a lecture on Soft Computing Techniques and Flood Management with special emphasis on Glacial Lake Outburst Flood Modelling to the faculty members and students.
- Dr Brijesh Kumar Yadav (Professor, Hydrology Department, IIT Roorkee) delivered a lecture on Emerging techniques of Wastewater Treatment October 29, 2015 to the faculty members and students.
- An Expert Lecture was organized by the Department of Civil Engineering, School of Engineering & Technology on October 30, 2015. Dr. S.S.Gupta COT, GBPUAT Pantnagar, delivered a lecture on Design of Well Foundation to the faculty members and students.
- An Expert Lecture was organized by the Department of Civil Engineering, School of Engineering & Technology on October 31, 2015. Dr. P.S.Mahar, Professor COT, GBPUAT Pantnagar, delivered a lecture on rapidly varied flow in Open Channels to the faculty members and students.
- Dr. Muzzamil Husain, Professor, AMU Aligarh, delivered a lecture on Boundary layer theory and Hydraulic Jump & Energy Dissipators to the faculty members and students of Department of Civil Engineering on November 2, 2015.
- An Expert Lecture was organized by the Department of Civil Engineering, School of Engineering & Technology during November 2, 2015. Dr. Javed Alam, Professor, AMU Aligarh, delivered a lecture on 'Civil Engineering' to the faculty members and students.
- Dr Anil Kumar, Professor, SWCE, and COT GBPUA&T Pantnagar Uttarakhand delivered a lecture on Soil & Water Conservation Structure on November 3, 2015, in the department of Agriculture Engineering.



- A Guest lecture on 'Transgenic Technology with Special Reference to Food & Health Security' was organized in the Auditorium Hall of 'Shankar Bhawan' by School of Biotechnology on 20th August 2015.
- Prof. A.K. Sarkar, from MJP Rohilkhand University, Bareilly, delivered a Guest lecture on 'How to groom up ourself' in School of Business Management on 28th October 2015.
- Mr. Sujoy Sinha, Head, Business & franchise development, Alchemist foods Ltd, delivered a Guest lecture on 'Retail Scenario in India: Its past, present and future' in School of Business Management on 24th September 2015.
- Mr. Avinash Sinha, Vice President, YES Bank, delivered a Guest lecture on 'Expectations of managers in new generation companies' in School of Business Management on 15th September 2015.
- An Expert Lecture by Dr. Ranjan Srivastava, Professor & Head, Department of Horticulture, College of Agriculture, GBPUA&T, Pantnagar organized by the Department of Agricultural Sciences, he delivered a nice encouraging talk on the topic Floriculture: an option for livelihood, on 2nd Nov, 2015.
- An Expert Lecture was organized by the Department of Agricultural Sciences, Dr. Anil Kumar, Professor & Head, Department of Soil & Water Conservation Engineering, College of Technology, GBPUA&T, Pantnagar on soil & water conservation structure, on 4th November.
- An Expert Lecture was organized by the Department of Electrical Engineering, School of Engineering & Technology on February 12, 2015. Dr. Ravi Saxena, Associate Professor, COT GBPUAT Pantnagar, delivered a lecture on 'Emerging Trends in Electrical Engineering' to the faculty members and students.
- An Expert Lecture was organized by the Department of Electrical Engineering, School of Engineering & Technology on October 26, 2015. Dr. Ashish D. Thombre, Professor, KIT Ghaziabad, delivered a lecture on 'Electrical Engineering' to the faculty members and students.
- An Expert Lecture was organized by the Department of Electrical Engineering, School of Engineering & Technology on October 29, 2015 and Dr. Ajay Srivastava, Professor & Head EED, COT GBPUAT Pantnagar, delivered a lecture on 'Emerging Trends in Electrical Engineering' to the faculty members and students.
- An Expert Lecture was organized by the Department of Electrical Engineering, School of Engineering & Technology on October 30, 2015. Dr. Bhavesh Chauhan, Professor & Director ABSIT Ghaziabad, delivered a lecture on 'Electrical Machines' to the faculty members and students.
- An Expert Lecture was organized by the Department of Electrical Engineering, School of Engineering & Technology on October 30, 2015. Dr. Faisal Khan, Associate Professor, COT GBPUAT Pantnagar, delivered a lecture on 'Renewable Energy' to the faculty members and students.
- Prof. Omar Farooq from AMU delivered an expert lecture on "Biomedical Signal Processing". The lecturer covered the topics such as ECG, EEG, EMG machine application in today's era.
- Dr. Gurjeet Kaur from Gautam Buddh University, Greater Noida delivered lecture on the topic "Optical Fiber". Her valuable advice and guidance enlightened the students as well as faculty member to do research in this field.
- Dr. Arti Bhatnagar Associate Prof. in IP University delivered lecture on "Probability Theory & Random Variables for Wireless Communication". Teachers working in this field asked their queries. Students were motivated to make some working models and projects on this topic.
- Dr. Manav Bhatnagar Associate Prof. in IIT Delhi delivered an expert lecture on the topic "Wireless Communication". He explained different forms of digital techniques, spectrum utilization, channel capacity detection etc. He made students aware of new tools on which these parameters are analyzed.

Faculty Development Programmes

"Emerging Research Trends in Mechanical Engineering" (ERTME-2015)

S. No	Name of Expert	Designation & Affiliation	Topic
1.	Dr. M.G.H. Zaidi	Professor, COT GBPUAT Pantnagar	Technical Writing
2.	Dr. P. L. Sah	Professor & Head COT, GBPUAT Pantnagar	Tribology
3.	Dr. Rakesh Saxena	Professor & Head COT, GBPUAT Pantnagar	Material design & behavior
4.	Dr. T.C.Shami	Sr.Scientist -F, DRDO Kanpur	Stealth material
5.	Dr. Ashoke Kumar Gautam	Sr.Scientist -F, DRDO Kanpur	Stealth material
6.	Dr. I.V.Singh	Associate Professor, IIT Roorkee	Finite Elements methods
7.	Dr. Jitendra Prasad Khaitia	Professor, IIT Delhi	Robotics
8.	Dr. Sabah Khan	Assistant Professor, Jamia Milia Islamia University, New Delhi	Recent Trends Mechanical Engineering
9.	Dr. Amar Patnaik	Professor, MNIT Jaipur	Mechanical Engineering



Workshops / Seminars Organized @ Our University Campus

- ▶ A seminar on the topic "Role of Agriculture in designing and Developing Smart Cities" was organized by Agricultural Science and Engineering Society on Sep 14, 2015. Students of B. Tech Ag. and B.Sc. Ag actively participated and presented their views on various aspects related to developing and designing smart cities in India. Mr. K.K. Bansal, (Addl Director, Deptt. of Agrl. Sci. & Engg.) and Dr. Manoj Kumar were the chief guest of the seminar. Ms. Supriya Kashyap (B.Sc. Ag. 3rd sem.) secured first position, Mr. Abhimanyu Jha (B.Sc. Ag. 5th sem.) second position and Mr. Shivam (B.Tech 7th sem.) third position.
- ▶ Department of Computer Science & Engineering organized a Faculty Development Program on "Advances in Computer Science" at IFTM University. FDP was sponsored by Technical Education Quality Improvement Program, World Bank Scheme, MHRD, Govt. of India from 26th October 2015 to 3rd November 2015.
- ▶ A three-day workshop was organized by School of Biotechnology under Faculty Development Program during 8th to 10th July 2015. Prof. R P Singh, IIT Roorkee, Prof. U N Dwivedi, Lucknow University and Prof. R K Gupta, G.G.S Indraprasth University were the resource persons.
- ▶ A workshop was conducted on the topic "Reading and Reflecting on Text" in the Department of Education on 20th October 2015.



THANKS TO OUR Recruiters & Training Partners

Industrial Summer Training

Bajaz Allianz Life Insurance	Karvy Stock Broking Ltd
Bajaz Capital	Koral News Print
Balpharma Pvt Ltd	Le-Logix Design Solutions Pvt.Ltd
Bharat Electronics	Mahindra & Mahindra Ltd
BHEL	Max New York Life Insu. Ltd
Bio-Informatics Biotech Park	Microturners
Biotech Park	Parag Milk
Birla Sun Life Insurance	Power Grid Corporation of India Limited
BSNL	Reliance Life Insurance
Coca Cola Pvt. Ltd	Reliance Money
Dainik Jagran	Religare Securities Pvt Ltd
DBS Bank	Roanaqu Automotive
DIAC Pvt. Ltd	Sansera Engineering Pvt. Ltd
HDFC Bank	Senserra Engineering
HDFC Standard Life Insurance Ltd	Simbholi Sugar Mill
HP Education Services	Sugar Mill
IFFCO	Superajeet Engineering Ltd
Indogolf Fertilizer (Birla Group),	TATA Company Ltd
ITI Limited	Tata Motors Ltd
Jubilant Pvt. Ltd	Unicon Pvt. Ltd



Dr. Meenakshi Tripathi
Sr. Training & Placement Officer





Doctorate Awarded

Mahendra Prasad

Mr. Mahendra Prasad has been awarded doctorate degree from Shri Venkateshwara University, Gajraula in the area of Education under the Supervision of Dr. Dharmendra Singh, Shri Venkateshwara University, Gajraula and co-supervision of Dr. G S Gupta, Former Professor & Head, Dept. of Education, Hindu College, Moradabad.



Amrita Misha

Mrs. Amrita Misha has been awarded doctorate degree from Birla Institute of Technology, Mesra (Deemed University), Ranchi in the area of Pharmaceutical Science under the Supervision of Prof. S Jha, Birla Institute of Technology, Mesra and Dr. O P Tiwari, Former Professor, IFTM University, Moradabad.



Himanshu Gupta

Mr. Himanshu Gupta has been awarded doctorate degree from Indian Institute of Technology, Roorkee in the area of Chemistry under the Supervision of Prof. Bina Gupta, IIT Roorkee.



Arvind Kumar Shukla

Mr. Arvind Kumar Shukla has been awarded doctorate degree from Banasthali University, Rajasthan in the area of Computer Science under the Supervision of Prof. C K Jha, Head, Banasthali University.



Ajay Kumar Singh

Mr. Ajay Kumar Singh has been awarded doctorate degree in the field of law from BHU Varanasi, under supervision of Prof. B. N. Pandey Head & Dean, Faculty of Law, BHU Varanasi.



Priyanka Rani

Mrs. Priyanka Rani has been awarded doctorate degree in the field of Chemistry from IFTM University, Moradabad under supervision of Dr. S. R. Hashim, Former Professor IFTM, and Co-supervision of Dr. Dilip pal, Associate Professor, Guru Ghasidas University, Bilaspur.



Congratulations to All the Gold Medalists - 2015



Shalini Singh
M.Pharm



Raman Deep Kaur
B.Pharm



Sunny Tiwari
D.Pharm



Javed Akhtar Saifee
MBA



Mannan
BBA



Saboochi Parveen
B.COM



Swati Verma
B.COM (HONS)



Anuradha Mishra
B.Ed



Innama Zaidi
M.Sc. (BT)



Ruchi Singh
M.Sc. (MB)



Zainab Rehman
M.Sc. (FT)



Anita Bisht
M.Sc. (Zoology)



Iqra Iqbal
M.Sc. (Botany)



Abhilasha Chaudhary
M.Sc. (Physics)



Payal Rastogi
M.Sc. (Chemistry)



Afia Waseem
M.Sc. (Mathematics)



Tripti Sharma
MCA



Srashti Rana
B.Sc (PCM)



Kaonen Haider
B.Sc (ZBC)



Ghausiya Rehman
B.Sc (BT)



Purvi Gill
B.Sc (MB)



Anshu Sagar
B.Sc (FT)



Shivani Sharma
BCA



Vivek Singh
M.Tech (EC)



Anam Khalid
M.Tech (ME)



Nikita Gupta
M.Tech (EE)



Avinash Kr Gautam
M.Tech (CE)



Khushbu Gupta
M.Tech (BT)



Megha Saxena
M.Tech (CS)



Roshan Kr. Mishra
B.Tech (ME)



Niteshwar Mishra
B.Tech (EC)



Santosh Kumar
B.Tech (EE)



Vipin Singh
B.Tech (CE)



Amit Kumar Tiwari
B.Tech (CS)



Vasu Goel
B.Tech (BT)



Anuj Kumar
Diploma (ME)



Mohit Maurya
Diploma (EC)



Khuwaja Ahmad
Diploma (EE)



Riya Verma
Diploma (CE)



Tuba Nihal
Diploma (CS)



Sheetal Chauhan
LLM



Aron Agarwal
LLB



Manisha Bhatnagar
BJMC

In House Development

1. Establishment of "IFTM Centre of Skill Development"(ICSD) to coalesce main stream education with Skill Development.



IFTM Centre of Skill Development (ICSD)

शिक्षा का साथ, हुनर का हाथ

2. Establishment of "Advanced Repair and Industrial Skills Enhancement" ARISE-3 under MoU signed between IFTM University and SAMSUNG.



3. Recently Developed Kitchen in Department of Hotel Management.



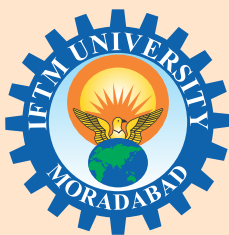
4. Flowering @ Floriculture Department.





IFTM
UNIVERSITY
MORADABAD





IFTM UNIVERSITY

Lodhipur Rajput, Delhi Road, Moradabad -244102 U.P.

Tel: 0591-2360817, Fax: 0591-2360818

Email: info@iftmuniversity.ac.in Website: www.iftmuniversity.ac.in

follow us on

