



# LLOYD INSTITUTE OF MANAGEMENT & TECHNOLOGY

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Accredited **B. Pharm. from 2018**

Promoting international quality standards for technical education in India



## Articles @Lloyd

- What is the New Virus NCOV-2019?
- Sunscreens: Do we really know SPF?
- Green Tea and its Health Benefits
- Drug Discovery: Not an easy Path

## Career, Guidance, Training & Placement (CGTP) Cell @Lloyd

- “NIYUKTI” – Annual Job Fest
- Industrial tour

## Activities @Lloyd

- Pharmaspeak 2019
- Champions League
- FDP

## Online Forum: COVID Era @Lloyd

- Webdec 2020
- Pharmacyessay
- Webinar Series..1.0, 2.0, 3.0....

## Students' Achievements @Lloyd

- Out Campus Achievers
- Academic Achievers
- GPAT Qualifiers

Ladder of Success

# REFLECTIONS

6<sup>th</sup> Edition, June 2020

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## **The Institute**

In the year 2004, Lloyd group established its sprawling campus in the lush green environment in Greater Noida, 25 kms from Delhi. The Institute offers multi-disciplinary industry oriented-programs. It is one of the best private institutes in the North India. From business management programs to programs in pharmaceutical technologies and from legal studies to education programmes, Lloyd is a veritable profusion of educational services.

B.Pharmacy programme of Lloyd is NBA Accredited which reassures the promise to delivered quality education.

## **Vision of the Institution**

"To become a globally recognized, education and research organization in the field of pharmaceutical sciences and produce quality professionals to contribute to the well being of society and growth of Pharmaceutical Industry."

## **Mission of the Institution**

- ★ To produce high quality professionals with quality education, technical training, sensitive to the ever changing needs of the profession, society, industry and country.
- ★ To create an environment of continuous upgradation and higher studies to meet professional, economic and social standards.
- ★ To promote innovation, research, entrepreneurship to meet challenges and foster an environment of collaborations.
- ★ To inculcate high morals, professional and ethical values amongst our students, transforming them to quality service providers.

## **Quality Policy**

The quality policy of the Lloyd Group is to achieve stakeholders' satisfaction by providing quality education with global outlook.

The path to achieving this will encompass a result-oriented, continually evolving process of teaching and learning. We aim to continually strive towards providing great infrastructural facilities, and networking opportunities with leading corporate houses and research organizations to create an incubational environment for leading innovation and change.

Lloyd group also aims to fulfill our societal obligations through creating extensive services and community development programs along with entrepreneurship development initiatives aimed at societal improvement.



## Message from PRESIDENT

**Manohar Thairani**  
President, Lloyd

It's a matter of colossal contentment that I am introducing 6<sup>th</sup> Edition of Lloyd Reflections. I would like to thanks to our readers, our contributors, and our editorial board for their support for this biannual newsletter.

We, at Lloyd, are committed to accomplish excellence by mentoring our students on the path of success. This is being done by reframing their innovative ideas, developing their leadership quality, and critical thinking aptitude. We are constantly innovating pharmacy education through various resources that gives our students the qualities like commitment and persistence to achieve their goals.

Accredited by **National Board of Accreditation**, this institute has set new benchmarks with the passage of each day and I am proud of it. Academic environment, industrial training programs, extensive industrial connect, corporate readiness classes, all have collected lead to student progression and increased placement indices. This could not have been possible without the support of dedicated teamwork lead by an excellent leader; Dr. Vandana Arora Sethi.

This issue is an insight into the various college activities that have been conducted in past six months. Even the COVID pandemic lockdown could not stop us from expanding. We had been growing in this phase too and this newsletter is an evidence of our great ventures.

I wish all the success to Lloyd Institute of Management and Technology (Pharmacy ) for their endeavor.



## Message from GROUP DIRECTOR

**Dr. Vandana Arora Sethi**  
Group Director

It gives me immense pleasure in writing a note for our 6<sup>th</sup> issue of Reflections at Lloyd Institute of Management & Technology (Pharmacy).

We are constantly providing excellence in our teaching pedagogy with an innate sense of responsibility towards students who put a blind faith in us. We realize that only classroom teaching is not sufficient for upcoming generation to meet the needs of market. Thus, we do not leave any stone unturned to inculcate values like honesty, hard work and compassionate working.

The last session witnessed huge success of our 5<sup>th</sup> Annual Conference Pharmaspeak 2019 in collaboration of DPSRU and IPGA. The one day conference was adorned by eminent guests namely **Shri Sudhansh Pant**, Joint Secretary, Ministry of Health and Family Welfare, Govt. of India, **Shri Atul Kumar Nasa** (Deputy Drug Controller, Delhi & President, IPGA), **Shri S.L. Nasa** (Registrar Delhi Pharmacy Council), **Prof. R. K. Khar** (Principal, B.S. Anangpuria Institute of Pharmacy, Faridabad) and **Prof. Harvinder Popli** (Dean and Officiating Registrar, DPSRU, New Delhi). Participation of 500 delegates from more than 60 colleges across the country set a new landmark.

Even this COVID era could not barricade the ever-growing department of Pharmacy. Online classes and exams could be smoothly conducted. We have organized great deal of online events during this phase for development of educational and other skills of students as well as faculty. And the process is still on!

I would like to thank the hard work of faculty, staff and students of the institute for their sagacity for institutional development. This newsletter will share with you the achievements, the positive outcomes and the program initiatives of the Pharmacy Department in the past 6 months. I am happy that we are moving in the right direction with our mission of continuous upgradation.



## What is the New Virus NCOV-2019?

Scientists have identified it as a new corona virus. When viewed under a microscope, corona viruses appear to have a crown-like structure. In Latin, word 'corona' means 'crown'. This is why the virus is referred to as corona virus.

The corona virus family has many types that affect people. Some cause the common cold while others originating in bats, camels and other animals have evolved into more severe illnesses such as SARS (severe acute respiratory syndrome) or MERS (Middle East respiratory syndrome). MERS and SARS corona virus normally infects animals only. The COVID-19 or nCoV -2019 virus belongs to the Corona group of viruses which is novel (new) to humans.

### Origin

The first case of Covid-19 was detected as a 55-year-old from Wuhan city in central China's Hubei province. After that the virus had been spreading till now.

On 11 February 2020 the World Health Organization announced the name for the new corona virus of 2019 as nCoV—2019 for the year the virus first appeared and nCov for “novel” corona virus. This is not the formal name for the virus – the International Committee on Taxonomy of Viruses calls it the “severe acute respiratory syndrome coronavirus 2”, or SARS-CoV-2, because it is related to the virus that caused the SARS outbreak in 2003. However, to avoid confusion with SARS the WHO calls it the covid-19 virus when communicating with the public.

On 11 March 2020, the WHO announced that the outbreak should be considered a “pandemic” means that multiple countries are seeing sustained transmission between people of an outbreak causing disease or death. The virus has infected more than 1.5 lakhs people across the world and killed at least 5000 people. Of those who have contracted the virus since it began, almost 97% people have recovered.

The virus was originally transferred from animals to humans, but now the transmission is entirely human to human. The primarily affected individual transmits the infection by 2 modes.

1. **Droplet infection:** whenever the person coughs or sneezes the virus can get transmitted to the other person in close proximity.
2. **Surface infection:** The virus can survive on metal surfaces, furniture, clothes etc. for 6 to 12 hours.

### Symptoms

In mild cases people may get just a sore throat, headache, cough and fever. Shortness of breath chills and body aches are associated with more dangerous kinds of corona virus, according to the US Centers for Disease Control and Prevention. In serious cases, the virus can cause pneumonia followed by organ failure.

The main symptoms are Fever and Cough. Difficulty in breathing also is common. Contrary to the belief it usually does not lead to a runny nose.

In children the symptoms can be fever with excessive sleepiness. Children, on the other hand, seem to be less likely to get severely ill and die from the new corona virus, possibly due to less developed immune responses.

## High risk Individuals:

1. Elderly
2. Pregnant Women
3. Children, especially under 5 years
4. Diabetics
5. High blood pressure
6. Immunocompromised individuals
7. Doctors and Paramedics.

The real problem in tackling its spread is the prolonged incubation period which can be anywhere between 7 to 15 days. Fortunately the mortality is not more than 3%. The infection is usually self limiting like any other viral fever.

## Myths

1. No particular diet can treat or prevent the infection. Eg: garlic, lime, gaumutra, Vit C tablets etc.  
There is no scientific evidence for the same.
2. Eating meat/chicken/eggs does not cause the infection. But it is advisable to eat well cooked meat as the virus is killed above 55°C.
3. Drinking hot water does not kill the virus. Hot water will enter the stomach, while the virus is in the respiratory tract.
4. Drinking alcohol, smoking will not kill the virus, but it will damage your liver and lungs.

## Use of Masks

According to WHO only N95 masks are effective in preventing transmission.

However they are not meant for routine use. Only suspected patients and people who come in contact with patients (Doctors and Paramedics) should be using them.

- **Individuals without respiratory symptoms**
  - Avoid closed crowded spaces
  - Maintain distance – 1m
  - Practice hand and respiratory hygiene
  - Refrain from touching face, nose, mouth
  - No need of mask
- **Individuals with respiratory symptoms**
  - Wear a medical mask
  - Seek medical care
  - Learn mask management

## No need to Panic

Government and Private Medical services are geared up for tackling this health hazard.

**CORONAVIRUS**  
FEVER  
DRY COUGH  
NOTICEABLE SHORTNESS OF BREATH  
SYMPTOMS APPEAR 2-14 DAYS AFTER EXPOSURE

**COLD**  
SORE OR SCRATCHY THROAT  
COUGH  
RUNNY NOSE  
STUFFY NOSE  
MILD FEVER, IF ANY

**FLU**  
HIGH FEVER (OVER 100.5)  
EXTREME EXHAUSTION  
MUSCLE OR BODY ACHES  
DRY COUGH  
CHILLS  
STUFFY NOSE  
HEADACHES  
POSSIBLE VOMITING OR DIARRHEA (MORE COMMON IN CHILDREN)

abc7

**Reduce the risk of Coronavirus infection**  
Follow these important precautions

1. Wash hands with soap and water frequently
2. When coughing and sneezing, cover mouth and nose with handkerchief, tissue or elbow
3. Avoid close contact with anyone with cold, cough or flu like symptoms

**Stay protected! Stay safe from Coronavirus!**

If you have returned from Wuhan China after January 15, then get yourself tested for 2019-nCoV. To know about the centre for testing, call the Ministry of Health and Family Welfare Helpline.

If you have returned from China in the last 15 days or have been in contact with any person affected by Coronavirus, then limit your contact with others and use a separate room for sleeping.

If you develop fever, cough and difficulty in breathing within 28 days of return from China, immediately call the Ministry of Health and Family Welfare Helpline.

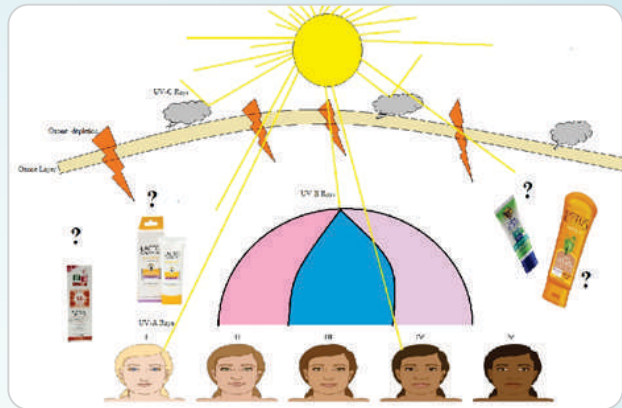
+91-11-23978046

If you have cough, fever or difficulty in breathing, contact a doctor immediately

- Mr. Md. Quaisul Hoda  
Assistant Professor

## Sunscreen: Do we really know SPF

The Electromagnetic spectrum consists of electromagnetic radiations and their respective wavelengths and photon energies. Out of this, Ultraviolet (UV) radiations are of major concern. The UV radiations lie from 200-400nm comprising UVA, UVB and UVC. The UVC are filtered by ozone layer. UVB radiations are 70% absorbed by the skin while only 10% penetrate the upper layer of dermis. UVA however reaches deep layer of dermis. UVB has its major effect on epidermis while UVA targets dermis. Therefore, UVA radiation is now considered to be a major contributor in the process of skin photoaging and photocarcinogenesis. It is also responsible for immune suppression and development of squamous cell carcinoma and malignant melanoma.



Ayurveda, traditional medicine system of India, described aging as 'Jara,' which means getting old by the act of wearing out 'ji ryati iti jara'. It is synonymed as 'vardhakya' meaning increasing age. Aging is a natural, complex and progressive phenomenon which leads to aesthetic and functional changes in the skin. Aging is of two types, intrinsic and extrinsic. Latter is due to environmental factors and is termed as photoaging.

Photoprotection is required to reduce these adverse effects of ultraviolet radiations. This can be done by prevention of skin by covering the body parts with clothing, putting sunglasses, hats and avoiding sun when radiations are too strong. Above all, the most significant is use of photoprotective agents.

Sunscreen is the first line photoprotective agent used to prevent from deleterious effects of harmful ultraviolet radiations. They are used to prevent the occurrence of photoaging, photocarcinogenesis and photoimmunosuppression. These agents provide photoprotection by either absorbing or reflecting UV rays. Market is flooded with sunscreen which is graded based upon their SPF. Have you ever wondered what is it? Or you just chose high SPF products considering them as best.

Most of the consumers are ignorant about this term which has been used to exploit the market and the product as well. SPF is a quantitative parameter which is used to categorize sunscreens. This universal parameter is based upon determination of the minimum erythral dose (MED). MED is the least quantity of energy which causes erythema in protected and unprotected skin. SPF is calculated as the ratio of MED of protected skin to that of unprotected skin.

**SPF = MED (protected skin) / MED (unprotected skin).**

The term was originally introduced in 1974 to evaluate the effectiveness of sunscreens available commercially. The in vivo tests were done on Caucasian skin. Later in vitro tests came into practice based on same assumptions.

But, the big question is that human skin of different regions of the world is not the same. Skin colour varies from fair white to olive to dark brown. This is due to presence of melanin pigment and their sun tanning habits.

Dark skin people have large concentrations of melanin which protects them against ultraviolet light and skin cancers. In contrast to this, light-skinned people have about a tenfold greater risk of dying from skin cancer, under equal sunlight exposure.

Different skin phototypes have different innate protection level, then howcome a common efficacy parameter SPF be applied to all. **Does the test method of SPF determination tells which skin type or its equivalent was included under test? Do all of us must use High SPF products? Do we really need it?**

***Absolutely not!*** A sunscreen must be chosen depending upon the skin type and its spectrum of protection. A broad spectrum sunscreen is needed for complete protection and sunscreen with medium SPF ranging from 20-30 is optimum for Indian skin. *So next time, whenever you shop a sunscreen for yourself, please read the label carefully and make a wise choice. Happy sun!*

**- Dr. Kumud Madan**  
Associate Professor



## Willpower is the key to Success; People Lack Will

You must all have heard the English proverb “Where there is will, there is way”. This is so true. Every one of us wants to fulfill their dreams in life. But most of us think that we have to do something extraordinary to achieve them. Then, it comes to make excuses. Some says I do not have enough time right now. Some says I do not have enough skills yet. In these excuses, they even neglect little that they can do at present time.

*“People do not lack strength; they lack will.” ~ Victor Hugo*

For example, one of my friend wants to build an online shopping cart. But he says it needs too much investment at the beginning. It needs funds to buy contracts from product owner as well as maintaining a website and developers. So, he even had not taken his first step.

Let me tell you that the first step is not to invest money. The first step is to study what you actually want. You should have the process and plans documented. Then you automatically find your next step and it will not be so big that you cannot do it. You can always start from little. Success takes time but you should be determined willpower along the way.

### **Lack of Willpower:**

People do not start something because they lack will. Strength comes later. Do you remember anytime of your life when you were determined to do something and you did it? It could be some tough exam that you have passed or it could be some long trip that you finally had planned.

If we look at our past we have number of things that we proud of. Most of these



things were not easy, but you got them because of your will. You wanted to do them at any cost. When you have such willpower, you will always find a way to do this.

Do not see five reasons why it should not work, believe in the one reason why it should work.

### **Willpower in daily life:**

You do not need to be at the moon to check your willpower. It shows in your life every day. Today this world is full of information. No matter what your profession is you will find something new to learn. But we do not have enough time to learn everything, so we skip. Now what matter is the importance of that thing and your willpower to learn.

Suppose you need to travel some hill station. You have debit/credit card, but you do not know how to make online payment for advance registration. Yeah! We all know it is easy, but not for the one who is doing it for the first time. Now if you know that you barely need to travel again and make online payment. You will find easy way and ask some friend to do it. You will send cash to him later and it is done. Alright.

Now if you know that you often travel or you often need to make online payment. You want to learn that. For that you have to go to your friend and work on it. So you need some extra time and effort right? Now it comes to your willpower. If your will is strong you will find time to be with your friend and learn it. But if you lack, will you will find excuse. You will find it easy to ask your friend's help to do it. However it will solve your purpose for short time but it will increase your dependency over time.

### **Example of Willpower:**

I have always seen that when you avoid something just because you are not comfortable with it, it becomes monster. It takes strong willpower to overcome that fear.

This whole article inspired by one of my friend who came to me this Sunday. He needs to buy something online but he has never used his debit cards for transaction. He always preferred cash purchasing or asked some friends to avoid the hassle. But this time he was determined to make it by his own. As we all know that when we try to get out of our conform zone, things are difficult especially at the beginning. It was Sunday morning and it was raining moderately. So the easy option was to avoid this time again. But he did not.

As per his words “I sit for a while and think that today it is raining. Next Sunday, It may be too hot/cold. Next to Next Sunday I could have some urgent piece of work. After that it could be that my friend is not available. So let go off these excuses and do it today. It may take little time to find a transport but it is not impossible. I could be little wet but so what.”

*“Where the willingness is great, the difficulties cannot be great.” ~ Niccolo Machiavelli*

So he gets out of his home and came to me. It was not easy even after that. He failed 6-7 times. Sometimes because of browser problem and sometimes it was taking so much time to reset the password. But he did not use my card to make payment and he finally succeeded. It was all because of his willpower.

This was a simple example from daily life. But these simple tasks in daily life test our willpower. If we procrastinate on these little things, how can we achieve big?

**- Ms. Shivani Singh**  
Associate Professor

## Life Bastion Defense System

Every second, a battle against billions of invaders is going on inside our body. The invading pathogens such as virus, bacteria, fungi & etc. try to make their home. In order to win this battle, our body has to develop several complex forces of cells with soldiers, guards and intelligence weapons to protect us.

Immune system is a host defense system comprising of specialized cells & organs that work together to generate a response against any external agency. It fights infection, remove toxins and even destroy cancerous cells. This system identifies the threat, amount of attack and further eliminates pathogens. Its blueprint is always in its mind with a sharp memory.

Immune system consists of 3 layers of defense. Each line of defense consists of different mechanism of immunity & when one layer is captured by the pathogen then the mechanism below it comes into action until the attack is successfully controlled. Let's discuss these lines of defense-

**1st line of defense-** This is non-specific and it includes skin & mucous membrane.

**2nd line of defense (Innate immunity)-** This includes the inflammatory response which provides natural immunity against pathogens by phagocytosis and intracellular killing. The identification & elimination of pathogen is done by several types of cells which comprise of natural killer cells, mast cells, eosinophils, basophils; and the phagocytic cells such as macrophages, neutrophils, and dendritic cells.

**3rd line of defense (Adaptive or Acquired immunity)-** It is gained after birth and is pathogen specific. This immune response is carried out with the help of two types of lymphocytes, present in our blood i.e., B- lymphocytes and T - lymphocytes and provide two types of acquired immunity:

1) **Cell mediated Immunity (CMI)**

2) **Humoral Immunity**

Cell mediated immunity involves T- cells. These T cells have the ability to destroy the cells which are infected by the pathogen. It do so by releasing signals that causes infected cells perform apoptosis. These T- cells releases protein called Perforin which causes holes in the cell membrane of infected cell and ultimately causes death pathogen and cells too.

Humoral Immunity B - Lymphocytes produces large number of proteins in response to the pathogens. B- Cells get activated when microorganisms invades and differentiate into plasma cells that secretes antibodies in response to pathogens. There are several types of antibodies such as IgA, IgD, ,IgM & etc. Undifferentiated B- cells remains as memory cells. The ability to keep the memory is very important and this is also where vaccines come into the frame. The principle of immunization or vaccination is based on the property of memory of immune system. In the preparation of vaccine, inactivated or weakened pathogens are introduced in the body which in turn produces antibodies. Vaccines are classified as-

**A) First generation vaccines:** eg.oral polio vaccine (OPV),BCG( Bacillus,Calmette,Guerin), Influenza vaccines are less effective

**B) Second generation vaccines:** eg. hepatitis B surface antigen produced from yeast, Herpes vaccines.

It is very essential to boost and strengthen our immune system. Immune response and our health is directly associated with each other which decreases by increasing age. Moreover, various day to day habits worsen this situation. We need to eliminate the bad habits in order to live longer and should adopt healthy lifestyle. These unhealthy practices are:

- 1) Poor sleeping habits.
- 2) Consuming excessive caffeine.
- 3) Eating junk food.
- 4) Inadequate intake of water.
- 5) Sedentary lifestyle.
- 6) Excessive exercise.

In contrast to this, a good diet is essential to build a healthy response. To boosten up the immune system, we must include the vitamins (Vitamin A, B, C, E, K)in our daily diet

- Ms. Aarti Roy  
B. Pharmacy II Sem

## New Drug Discovery: Not an Easy Journey

*Why are branded drugs costlier than generic drug?*

*This is a common question aroused in mind of a patient. Well, the answer of this question lies in the process of development of a new drug. But, before understanding the process, we should know, "What is drug discovery?"*

### What is Drug Discovery?

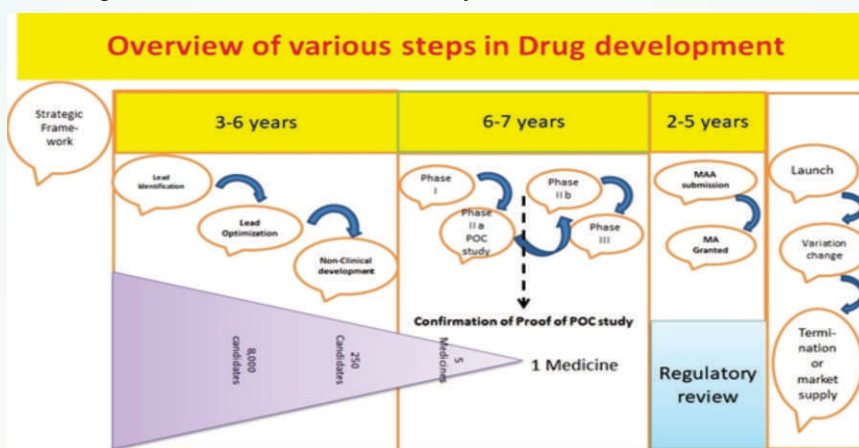
Drug discovery is a procedure to discover and design a new drug. In the past years, nature is the main resource of the drugs. A number of known drugs were discovered from the plant's constituents such as morphine, cocaine, digitalis, and tubocurarine. The serendipitous discovery also plays a role in drug discovery (for example penicillin, streptomycin, vinblastine and methotrexate).

But in the modern era, the drug discovery has a new approach. Firstly to know the molecular and physiological points of the disease in question and secondly, to focus specific entities based on these facts.

The drug development is a time consuming and costly process that takes about 12 to 15 years and costs, on average over €1 billion to do all the pre-clinical and clinical trials. A lot of medicines (around 98%) that enter in development process do not come into the market, after being developed. So, the development of a medicine is a high risk speculation.

### Process Involved in Drug Discovery

The figure shows the whole process that should be followed by a chemical candidate to become a 'DRUG.'



The steps to be followed during drug development can be given as:



### Step-1: Drug Discovery and Validation of Target:

The first step in the process of drug development is discovery work. Typically, researchers discover new drugs through:

- New insights into a disease process that allow researchers to design a product to stop or reverse the effects of the disease.
- Many tests of molecular compounds to find possible beneficial effects against a large number of diseases.
- Existing treatments that have unanticipated effects.
- New technologies, such as those that provide new ways to target medical products to specific sites within the body or to manipulate genetic material.

Once, the identification of the therapeutic area is done; it is followed by target identification. A drug target can be a receptor, enzyme, or nucleic acid, depending upon the etiology of a disease. The target identification may be made with the help of numerous tests and new technologies. It is common for drug developers that they have

some of promising lead compounds at this stage. These lead molecules for that specific drug can be identified using combinatorial chemistry, molecular docking, *in-silico* tests, and high throughput screening of chemical libraries.

Once researchers identify a promising compound for development, they conduct experiments to gather information on:

- Target selectivity and specificity between species and within the body
- Pharmacokinetics and pharmacodynamics of the entity
- The best dosage form and formulation
- Toxicity profile
- Drug interaction profile
- Bioequivalence

### **Step-2: Preclinical testing or Preclinical Research:**

The next step in the drug development process is preclinical testing of lead molecules to check the toxicity profile before these can be tested upon people. Preclinical testing can be divided into two sub-components:

- *In-vitro* testing
- *In-vivo* testing

*In vitro* testing examines the drug & molecules' interactions in test tubes and within the laboratories where researchers should follow good laboratory practices (GLPs) as per Food & Drug Agency (FDA) for preclinical testing. *In-vivo* testing involves testing the drug molecules on transgenic mice or other animal models to examine any effects on cell reproduction and to identify carcinogenicity of the test molecules. Any sign of toxicity and carcinogenicity may prevent the test molecule from going to the next step. Although efficacy is being established here, safety is paramount as the FDA will not let preclinical studies move into human trials without extensive data on safety. Hence preclinical testing would take many years to collect the extensive data on safety as this is the utmost requirement of FDA. This is the stage where researchers will whittle thousands of drug molecule candidates down to one to five.

### **Step-3: Investigational New Drug Application Filing:**

The third step involves submitting an Investigational New Drug application to the FDA prior to beginning human clinical trials. This is the point where the FDA will scrutinize the results from the preclinical testing, look at side effects and other safety features of an experimental drug, examine the drugs' chemical structure and how it's believed to work, and take its first look at the manufacturing process of the drug. If the FDA approves a drug developers' IND, then it can move onto human trials. An IND approval is also the point at which a patented drug's 20-year exclusivity period begins.

### **Step-4: Clinical Studies:**

After the FDA approval, the tested drug is ready to go to the clinical trials. Clinical trials involve testing of the drug on volunteers and patients. Hence, the procedure must be ethical. This step is the extremely expensive, time-taking and also requires hundred to thousand human volunteers. There are four phases of clinical testing.

#### ***Phase-I Clinical Trials:***

The first phase involves 20-100 healthy volunteers, and it takes about a year. Phase-I trials provide the preliminary data on absorption, distribution, metabolism, excretion from the body, side effects, and maximum tolerated doses of the drug. Phase-1 clinical studies are also carried out on particular age groups; as per the drug indication for example, drug for Alzheimer's disease are tested on elderly patients. Bioequivalence studies are also carried out at this stage because powder-filled capsules are used in this phase, whereas tablets are used in Phase-II and III. The promising data of Phase-I studies of the drug opens the door for Phase-II, or mid-stage trials. Almost 70% of drugs go to the Phase-II.

#### ***Phase-II Clinical Trials:***

Usually, Phase-II trials may start before Phase-I studies get complete. This phase generally takes about two years. The

patient pool extends a hundred or more than hundred and the patients being treated are the volunteers having disease in question. Phase-II studies can be divided into early (Phase-IIa) and late (Phase-IIb) studies. Early stages (Phase-IIa) involve a limited number of patients, to see the therapeutic efficacy, the best dose regimen, and any apparent side effects of the drug. If the results are disappointing, further studies may be terminated at this stage.

Phase-IIb involves a larger number of patients. This is a double-blind placebo-controlled study where the patients split into two groups: One group receives the drug, and the other group gets a placebo. Neither the doctor nor the patients know whether a placebo or drug is administered. These studies show the efficacy of drug relative to placebo with different dosing levels. The endpoint of the study is the measurement of success of the drug. This measurement can be a blood assay, blood pressure, inhibition of pathogen, or any measurable and ethical parameter. The promising data of the experimental drug pave the way for late-stage studies.

### ***Phase-III Clinical Trials:***

This trial takes about three years depending on the study undertaken. Phase-III studies are also divided into two groups like Phase-II studies; (Phase-IIIa and Phase-IIIb). The FDA approval on primary endpoint of Phase-II studies is necessary to carry out Phase-III studies. This can be also a double-blind experiment that involves some hundred to thousand patients. A comparative study of patients taking the drug is applied among the patients receiving placebo, and patients administering other drug. Phase-IIIa studies establish actual efficacy and acquire any side effect that wasn't previously detected. After passing this trial, the drug can be registered.

After registration, Phase-IIIb studies can be conducted. These studies involve a comparison of the drug with an already established drug. In some cases where drug shows a clear benefit, the Phase-III trials can be terminated earlier than planned. This can also be the stage where drug developers will begin to give some thought to how they can proceed with production in case the results are favorable. If the results of phase III studies find promising, the following step is to file for its approval.

### **Step 5: New Drug Application Filing:**

If a drug seems safe and effective after clinical studies, the company can file a New Drug Application (NDA) with the FDA to market the drug. An NDA tells the complete story of a drug from preclinical data to Phase-III clinical trials with 10,000 subjects. It is decision of the FDA review team to approve or not to approve a drug who will take his decision after thoroughly examination of all submitted data on the drug.

If the New Drug Application is accepted, the FDA has three choices:

- It can approve a drug
- It can absolutely deny a drug or
- It can appeal supplementary information by referring a complete response letter (CRL).

A CRL is simply a statement about shortcomings and suggestions to rectify the situation. Usually, drug developers carry out additional studies on drug or may modify their manufacturing process to appeal the FDA. If the drug approved by the FDA, the drug turns out to be immediately available for commercial production.

### **Step-6: Phase-IV Clinical Trials:**

Technically, an approved drug is now placed in the market and can be prescribed. But it is still monitored for effectiveness and rare or unexpected side effects. The drug developers are required to submit regular reports detailing any adverse events with the drug to the FDA as the safety remains the top priority of the FDA.

From start to finish, the entire drug development process usually takes about 10 to 15 years, leaving drug developers with around a decade or less of patent exclusivity on branded drugs once they make it to market. This may provide some insight why branded drug are priced so high? Why drug companies may seem like they're taking "forever" in developing the next cure for a terrible disease? Why only few drugs actually earn a place in your medicine cabinet.

**- Dr. Shilpi Chauhan**  
Assistant Professor

## Green Tea and its Health Benefits



**Scientific name:** Camellia Sinensis

**Common names:** Chinese tea

Green tea extract

Green tea polyphenols

Epigallocatechin Gallate (EGCG)

Green tea is a beverage derived from the unfermented leaves of a plant native to Asia. The extract is marketed as a dietary supplement to regulate blood sugar, cholesterol, blood pressure, and for weight loss and cancer prevention. Several varieties of green tea exist, which differ substantially based on the variety of *C. sinensis* used, growing conditions, horticultural methods, production processing, and time of harvest.

There has been considerable research on the possible health effects of consuming green tea regularly.

Green tea contains substances called polyphenols, which contribute to its anticancer activity. Laboratory studies of one polyphenol, catechin epigallocatechin-3-gallate (EGCG), show that it may interfere with several processes involved in cell replication, causing tumor cell death. It also might slow the formation of blood vessels around tumors. Epigallocatechin (ECG), another polyphenol, stops leukemic cells from multiplying in laboratory studies. As an antioxidant, green tea may repair cell damage. Tannins present in green tea generally have antibacterial properties.

### Health Benefits:

- As an antioxidant
- To prevent and treat cancer
- To lower cholesterol and prevent heart disease
- To improve mental functioning; for clear thinking
- Caffeinated forms of green tea may stimulate the nervous system.
- To lower high blood pressure
- To prevent tooth decay
- To lose weight
- To increase water loss (as a diuretic)

### It should not be taken in case of.....

- Pregnancy or breastfeeding: Caffeine passes into breast milk and may cause insomnia in the infant.
- Peptic ulcers: Green tea stimulates the production of gastric acid.
- Adenosine intake: Caffeine lessens its effects.
- Atropine intake: Green tea reduces its absorption from the gut and therefore lessens its effects.
- Codeine intake: Green tea reduces its absorption from the gut and therefore lessens its effects.
- Drugs that are substrates of cytochrome P450 3A4: Green tea may increase the risk of side effects of these drugs.
- Acetaminophen intake: Green tea increases liver injury caused by acetaminophen in mice when it was given after acetaminophen.

**Mechanism of Action:** Green tea confers cardiovascular protection by increasing HDL cholesterol and lowering LDL cholesterol and triglycerides as well as by blocking platelet aggregation. The tannins have antibacterial properties and can produce antidiarrheal effects. The flavonoid constituents may reduce lipoprotein oxidation.

Anticancer activities have been related to polyphenol content, with chemopreventive properties attributed to EGCG via apoptotic induction and tumor antiangiogenesis. EGCG may inhibit enzymes involved in cell replication and DNA

synthesis by interfering with cell-to-cell adhesion or intracellular communication pathways required for cell division.

<b>Marketed Preparation</b>	<b>Dosage Form</b>	<b>Uses</b>
Catephen	Ointment	For Genital Warts
Fission Green Tea	Face cream	As an anti -freckle
Tea Tree	Facewash	As a face cleanser
Nature's Bounty Green Tea	Capsules	As an antioxidant
Garcinia Green tea	Capsules	For weight management
Health Aid Green Tea	Tablets	For weight loss and indigestion
Aarogya green tea	Tablet	As an antioxidant, an anti-aging and for cardiac care
Veregen	Ointment	Genital or anal warts
Mentos	Chewing gum	As a mouth freshener
Dental V6	Chewing gum	For dental care
Matcha chocolate	Chocolate	As a desert

Green tea is cherished in the form of chocolates, cookies and ice creams as well!

**Note:**

- Green tea can reduce the absorption of iron from the gut. It should be taken either 2 hours before or 4 hours after taking an iron supplement
- Regular green tea is 99.9% water, provides 1 calorie per 100 ml serving.

**- Dr. Shilpa Pahwa**  
Professor



## The Value of Time Management is a Symbol of Genius

To realize the value of ONE YEAR,  
ask a student who failed a grade.

To realize the value of ONE MONTH,  
ask a mother who gave birth to a premature baby.

To realize the value of ONE WEEK,  
ask the editor of a weekly newspaper,

To realize the value of ONE HOUR,  
ask the lovers who are waiting to meet.

To realize the value of ONE MINUTE,  
ask a person who missed the train.

To realize the value of ONE SECOND,  
ask a person who just avoided an accident.

-A minute now is better than a minute later!

Treasure every moment!

Yesterday is history. Tomorrow is mystery!

Today is a gift. That's why it's called the present.

**- Ms. Savita Bhati**  
Assistant Professor

## Career, Guidance, Training & Placement (CGTP) Cell @Lloyd

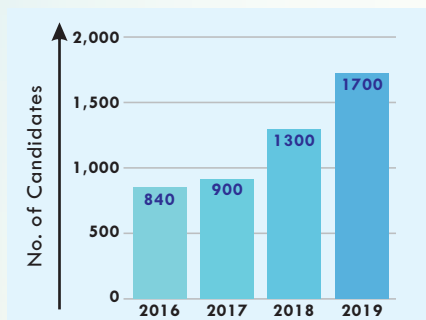
We wish to introduce you with the Career Guidance, Training & Placement Cell (CGTP Cell) of our Institute. The Cell looks after the various activities like:

- Technical training of students
- Conducting personality development sessions
- Building industry-connect
- Entering into MoU(s) with industry
- Organizing expert lectures on the campus
- Arranging Industrial visits for students to provide realtime pharma industry exposure
- Securing recruitments in various sectors of pharma industry for the passing out graduates.

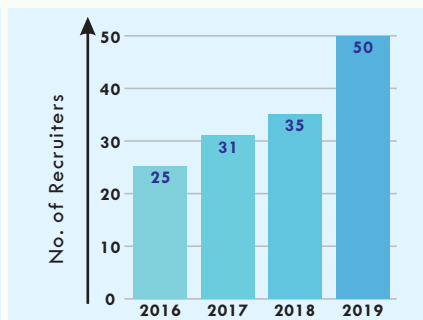
### “NIYUKTI” – Annual Job Fest

A crowning achievement for the CGTP Cell is the Annual Job Fest that is organized in the month of April every year since 2016. The job fest organized in 2019 is the largest ever job fest in India. Every year the success of job fest is driven by the unconditional support and blessings of Drug Controller General of India. The Job Fest is kept open for students from Institutes all over India, without charging any registration/ participation fees. Each passing year has seen the Job Fest grow in reach, size and volume in terms of participating companies, students attending and the number of selections (see below).

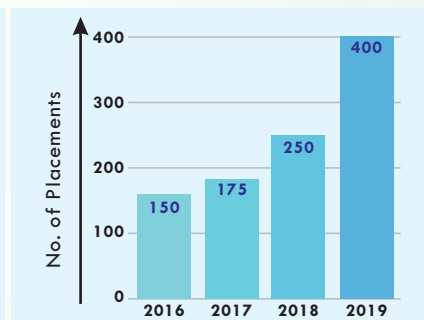
### Job Fest Progression



Plot-1 : Increased no. of candidates every year



Plot-2 : Increased no. of recruiters every year



Plot-3 : Increased no. of placements every year

### Our Esteemed and Diverse Recruiters

Some of the eminent Recruiters who visited our campus were **GlaxoSmithKline, Alembic, Cipla, Nestle, Jubilant, Unichem Laboratories, Dabur, Aimil, Akums, Alkem Laboratories, Knoll Healthcare, USV, Aristo, mChemist, VXL, Arbro Pharmaceuticals, Belco Pharma, Nutrilife, Florencia Healthcare, Titan Biotech, Gracure Pharmaceuticals, J.B. Chemicals & Pharmaceuticals, Raptakos, Hetro Drugs, Turaco, Mascot, Systopic, Blueocean, Apollo Pharmacy** and many more, for Final Placement as well as Summer Placement.



## Top Placements in Pharmacy at Lloyd



**Nilay Kumar Nandi**  
B. Pharm. (Batch 2015-19)

**Annual Package**  
**5.51 LPA**



**Leeza Messey**  
Govt allopathic pharmacist  
B. Pharm. (Batch 2015-19)  
**Annual Package**  
**6.0 LPA**



**Sudhanshu Bhardwaj**  
B. Pharm. (Batch 2015-19)

**Annual Package**  
**3.1 LPA**



**Ritika Pandey**  
B. Pharm. (Batch 2015-19)

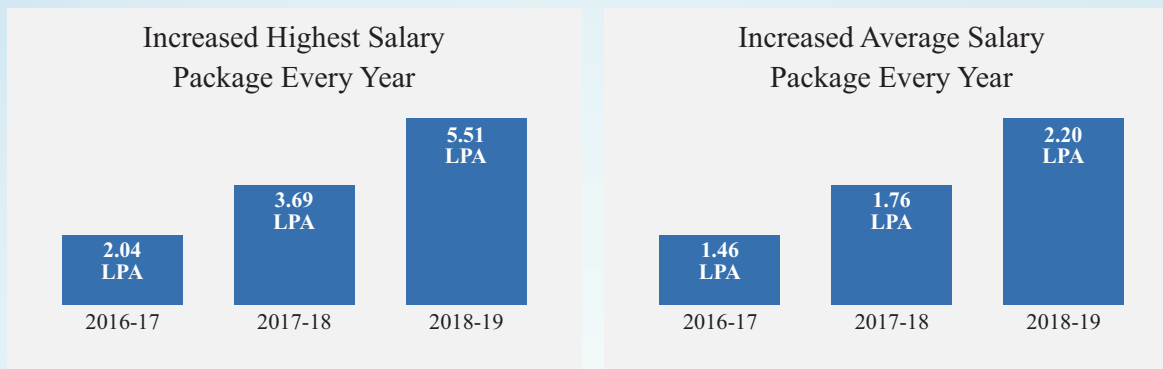
**Annual Package**  
**3.12 LPA**



**Jagrati Sharma**  
B. Pharm. (Batch 2015-19)

**Annual Package**  
**3.0 LPA**

## Highest Salary Package in Previous Years



## Training & Internship at Lloyd

Our Students undergo mandatory training in 3rd year to gain real insight of working procedures of an industry.

### Duration of Training & Internship:

December & January (Winter training) May, June & July (Summer training)

### Major Industries Providing Training & Internship in Year 2019 & 2020



## Placements (2019-2020)

Although this year, the planned job fest could not be organized due to COVID pandemic, following students have been successfully placed.



**Arun Kumar**



**Hitesh Kumar Talan**



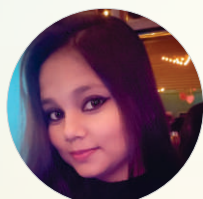
**Khushboo Singh**



**Kush Nandan**



**Manish Bhati**



**Megha Thakur**



**Nancy**



**Priyanka Gola**



**Tarun Sharma**



**Yogesh Garg**

## Industry Visit to OZONE Pharmaceutical Ltd.

An industrial visit was organized for M. Pharm students to **Ozone Pharmaceutical Ltd. (Analytical Lab)** Gurugram, Haryana on 15th February, 2020.

It's a Govt. Approved Testing Laboratory to provide accurate, authentic and reliable testing services to the Industry. They are well established in the fields of Food Product Testing, Drugs & Pharmaceuticals, Water Testing, Cosmetics, Industrial, Microbiological, Ayurvedic and Herbal Medicine Testing etc.

The objective of the visit is to enhance student's practical exposure and to let them have an overview of the activities related to **“Quality and Process Control”** carried out by Analytical Lab. They were taken around the Lab and were explained about the production, handling of instrumentation and testing process. Students interacted with the staff of the Department and discussed about the quality control process. Overall visit was very successful and memorable.



### Lloyd's 5th Annual National Conference: 'PhamaSpeak 2019'

Lloyd Institute of Management & Technology (Pharm.) successfully conducted its “**5th Annual National Conference PharmaSpeak-2019**” themed “*Exploration of Effective Pedagogical Tools for Augmented Learning in Pharmacy Education: Matching Industry Requirements*” on Saturday 23rd November 2019 at its campus in Greater Noida. The event was conducted in collaboration of DPSRU and IPGA.

**Shri Sudhansh Pant, Joint Secretary, Ministry of Health and Family Welfare, Govt. of India** was the chief guest at the conference along with other eminent personalities as special guests namely **Shri Atul Kumar Nasa** (Deputy Drug Controller, Delhi & President, IPGA), **Shri S.L. Nasa** (Registrar Delhi Pharmacy Council), **Prof. R. K. Khar** (Principal, B.S. Anangpuria Institute of Pharmacy, Faridabad) and **Prof. Harvinder Popli** (Dean and Officiating Registrar, DPSRU, New Delhi) for the Inaugural function.

#### Key Highlights of the event:

- 500 participants registered from more than 60 colleges across the country.
- 141 abstracts received for scientific poster session.
- Two important publications of Lloyd Institute of Management and Technology (Pharm.), the annual magazine “**Lloyd Reflections**” and “**Souvenir-Cum- Abstract-Book**” of PharmaSpeak-2019, released by the esteemed guests.
- The keynote address by **Prof. Roop K. Khar**, (Principal, B. S. Anangpuria Institute of Pharmacy) on the subject “Pathway to Outcome Based Education.”
- Four awards to felicitate the outstanding achievements of students, alumni and teachers presented.
- “**Master Blaster**”-The award was given to **Nilay Kumar Nandi** (B. Pharm) who bagged the highest salary package in Job Fest 2019 at campus placements.
- “**Footprints of Lloyd**”- The award for the most distinguished alumni went to **Mr. Sandeep Kumar Mishra** (Director, Florencia Healthcare) an alumnus of 2005 batch, of Lloyd Institute of Management and Technology (Pharm).
- “**Star Performer**”-The award was given to **Sakshi Sharma** (B. Pharm) for being the topper in academics and co-curricular activities in 2019.
- “**Lifetime Achievement Award**”- The award was conferred upon **Prof. Harvinder Popli** (Dean and Officiating Registrar, DPSRU) for her exemplary contributions to the profession as an academician and for her efforts in bridging the gap with the Industry through collaborations.
- The poster presentations evaluated by well recognized academicians – **Dr Tanveer Naved** (Joint Head, Pharmacy Department, Amity University), **Dr Mallikarjun** (Principal, IIMT College) and **Dr Monika Sachdeva** (Principal, RKGIT).
- “Art of Living” session, a motivational lecture also organized.

The **two panel** discussions themed “**Break the Wheel: Reinvent the Classroom**”. The discussion was moderated by **Prof. Kamla Pathak** (University of Medical Science, Saifai) and the panelists included distinguished academicians **Prof. Kanchan Kohli** (Jamia Hamdard), **Prof. G.T. Kulkarni** (Amity University), **Dr. ZeenatIqbal** (Jamia Hamdard), **Dr. Varsha Pradhan** (DPSRU), **Dr. Gaurav Jain** (Jamia Hamdard), **Ms. Chitra Gupta** (LIMT).

The 2nd Panel Discussion was on the theme “**Four Pillars of Sustainability in Research Driven Higher Education-Regulators, Institutes, Funding Bodies and Industry (RIFI)**”. The discussion was moderated by **Mr. Dhiraj Nanda** (Nutrilife India Ltd.) and the panelists included representatives from these different bodies including **Prof. Harvinder Popli** (DPSRU), **Dr. Dhananjay Sable** (CDSCO, Govt. of India), **Prof. Devendra Pathak** (Uni. of Medical Science, Saifai), **Dr. Rajesh Tripathi** (DRDO, Govt. of India), **Dr. Saurabh Arora** (Arbro Pharmaceuticals Pvt. Ltd.), **Dr. Smriti Khatri** (TuracoZ Healthcare Solutions).

The conference concluded with Prize distribution for Poster contest and Vote of Thanks.



Release of Souvenir, from Left to right: **Prof. Harvinder Popli** (Dean and Officiating Registrar, DPSRU), **Shri Atul Kumar Nasa** (Deputy Drug Controller, Delhi & President, IPGA), **Mr. Manohar Thairani**, (President, Lloyd Group of Institutions), **Dr. Abdul wadood Siddiqui** (Principal, Lloyd College of Pharmacy), **Shri Sudhansh Pant**, (Joint Secretary, Ministry of Health and Family Welfare, Govt. of India), **Prof. R. K. Khar** (Principal, B.S. Anangpuria Institute of Pharmacy, Faridabad) **Shri S.L.Nasa** (Registrar Delhi Pharmacy Council), and **Dr. Vandana Arora Sethi**, (Director, Lloyd Group of Institutions)

The 2nd Panel Discussion from Left to right: **Dr. Smriti Khatri** (TuracoZ Healthcare), **Dr. Saurabh Arora** (Arbro Pharmaceuticals Pvt. Ltd.) **Dr. Rajesh Tripathi** (DRDO, Govt. of India), **Prof. Devendra Pathak** (Uni. of Medical Science, Saifai), **Prof. Harvinder Popli** (DPSRU) **Mr. Dhiraj Nanda** (Nutrilife India Ltd.)



Winner of the poster presentation receiving prize from Left to right **Dr. Monika Sachdeva** (Principal, RKGIT), **Dr. Mallikarjun** (Principal, IIMT College) **Dr. Tanveer Naved** (Joint Head, Pharmacy Department, Amity University), **Poster presentation winner** and **Dr. Vandana Arora Sethi**, (Director, Lloyd Group of Institutions)

## 4<sup>th</sup> Lloyd Champions League 2020



**Lloyd Champions League– 2020**”, Lloyd's 4th annual inter-college sports fest was held at the Lloyd's campus from 4th to 5th March, 2020. The sports meet was inaugurated on 4th March, 2020 by the District Social welfare Officer of G. B. Nagar, Dr. Shailendra Bahadur Singh while the students took an oath to treat this event as a symbol of sincere & healthy competition. Students from various

colleges like, GNIOT, NIET, IMI, IEC, Galgotias, IILM, ITS, G.L.Bajaj, NCPE and Skyline participated in indoors and outdoors sports.

The event took place in the span of 2 days where games such as Volleyball, Cricket, Athletics, Badminton, Carom, Chess and Tug of War. The events were held under the keen supervision of referees belonging to that particular sport. The event started off with a brief explanation of the rules by referees. The much anticipated Cricket while the various events lined up for the day progressed. Winners of the 100 meter race amongst girls were 1st Sonam Gautam from Lloyd, 2nd Rashmi Mishra Lloyd Law College and 3rd Pratibha Vyas from Lloyd Law College while Akash Yadav from IEC bagged 1st position amongst boys, 2nd Lakshay Chaudhary and 3rd Hari Tiwari from Lloyd. In 200 meter race, 1st Sonam Gautam from Lloyd, 2nd Rashmi Mishra and 3rd Pratibha Vyas from Lloyd Law College amongst girls. The 200 meter race winners amongst boys were, Akash Yadav from IEC bagged 1st position amongst boys, 2nd Lakshay Chaudhary and 3rd Bhupender from Lloyd. In Chess, Rachna from Lloyd bagged the first position while Shalini from GL Bajaj was the runner up amongst girls. Aditya from ITS Greater Noida bagged the first position in Chess amongst boys while Murari Kumar Jha from GNIOT was the runner up. In Carom-duals, 1st Shruti & Mansi from Lloyd and Priyanka & Vanshika from Lloyd were the runner-ups. Amongst boys, Jehan Zaib & Sharjeel Shahroz Lloyd bagged the first position in Carom while Abu Sayeed & Abdul Hai from NIET Greater Noida were the runner-ups.



In Badminton 1st Sonali from IEC, 2nd Priyanka and 3rd Shweta from Lloyd.

In Tug of War- Lloyd B.ED was the winner while NIET Gr. Noida was the winner amongst boys.

The Star attractions of the event, Cricket and Volleyball were bagged by IEC Greater Noida and Galgotias College Greater Noida, respectively.

The events ended on an unbiased, healthy note. Mr. Rajiva Singh, Sports Enthusiast & Marathon Runner, Chief-Guest of the Valedictory function, welcomed the gathering and encourage the students to participate in various competition conducted by other institutions. The winners of each event were announced while the medals and certificate were distributed. Concluding around 4:30 p.m. with a quick photo session, the event came to an end with an overwhelming response by the students which indubitably signified their appreciation of the fact that they received a platform to showcase their talent.





## One Day Faculty Development Program

Lloyd Institute of Management & Technology (Pharm) organised **One Day Faculty Development Program** on **"Outcome Based Education Software-Based on LMS and ICT Tools"** on 05 February, 2020 at Lloyd Campus.

The Program was delivered by our Resource Person, Mr. Abhijeet Yeole, **Vmedulife (India's unique integrated teaching learning platform)** (Recognized by DIPP, Ministry of Commerce & Industry, Govt. of India and Govt. of Andhra Pradesh under Innovation and Start up Policy)

**Vmedulife** has an Outcome based education software built right in to bring flexibility & efficiency to the lives of teachers by actively supporting OBE.

Everything from planning the curriculum to providing assessment reports & attainment metrics is taken care of by their incredibly user-friendly platform.



## A Change Within

Everyone is talking  
And that's about change  
Everything is changing  
It's really strange  
Due to our negligence  
Half of India is flooded  
Due to lack of water  
Death chases our beloved  
Tragedies and Temperatures  
Everything is in excess  
No more compressed  
Lungs of the world are burning  
Why then is it nature  
With which we humans fight?  
Yes we need a change  
We do need a change,  
But before changing our nature  
We need to change our mindset  
A small step will stop this abuse  
Let's stop using plastic  
But paper, cloth and jute  
Time to go back to our roots  
I am a responsible Indian  
Pledging to change from within  
And work for a greener and healthier world

- **Ms. Sarika Mahtta**  
Assistant Professor



## Oh Lady!

Oh Lady! You have that attire.  
To stand up and rise higher.  
You have that lap.  
Where Worlds beauty take a nap.  
You have that tolerance power  
To absorb sorrow and  
Show love to shower.  
You have that comfort zone  
On your clavicle  
Where tiredness rest and take a breath  
You give nutrition to life  
Be it mother, a sister, a friend or a wife  
You are God's beautiful creation.

- **Dr. Kumud Madan**  
Associate Professor

# Attitude Ambition

Every step is a challenge and every challenge becomes a joy of success only if you have the right attitude to transform each challenge into opportunities to grow and reach out for the stars. Life is beautiful only because it is splashed with the colors of happiness and contoured with strokes of challenges.

Attitude is the virtue which shows the right way of life. All great achievements started as a dream and these achievements become a reality because of ambition. Your dream is a vision which steers that vision in the right direction. Attitude of positivity and pragmatism, being able to take the road less traveled, being a change maker, converting every challenge into a new opportunity of innovation is all that matters and creates the difference.

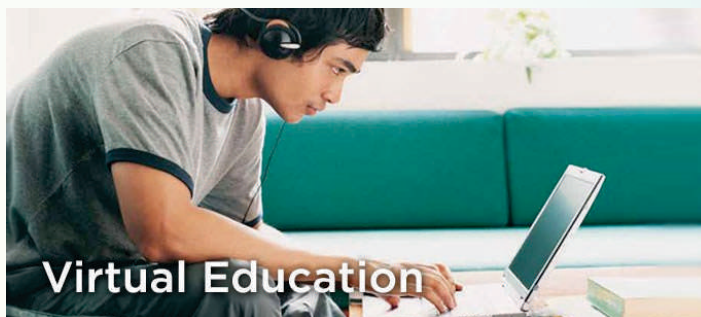
So, in this life never say 'No' always say 'Why not'. Never say 'I quit' always say 'I fight'. Never say 'I give up' always say 'I will try' for it is these positive attitudes that will make us a positive person in life and it is bound to lead us to the path of success and happiness.

**- Ms. Sarika Mahtta**  
Assistant Professor



## Virtues of Virtual Education

Teaching and learning are ever changing patterns. Since the lockdown declared in lieu of COVID, teaching pattern has shifted from classroom to online. This could have been possible by the use technology. Technology has widened the openings of the doors of learning. Today, Internet has created a virtual classroom where audiovisuals are used extensively.



The content taught in this manner attracts the students and is retained into their minds for a longer period. The web based learning has been useful in interaction with a large number of people together. Now a days, most of us spend maximum hours browsing internet. Bandwidth has become our best companion. While studying, students feel as if they are not doing it as a part of their curriculum but for fun.

Lloyd Institute of Technology and Management (Pharmacy) is successfully going through the current phase of lockdown by organizing a large number of activities during this period. This included webinar series, webdec, and online pharmacy essay.

**- Dr. Kumud Madan**  
Associate Professor

## “Webdec 2020”



Lloyd Institute of Management and Technology (Pharm) organized *Webdec 2020* (An online Declamation Contest) on 16 May 2020, under the guidance of **Dr. Vandana Arora Sethi, Group Director**, Lloyd group of Institutions.

The flyer was shared for the registration of the candidates wherein the details of the event and the topics namely “*Covid 19 Outbreak*,” “*The role of Pharmaceutical Industries in Covid 19*” and “*Adoption and changes in the lifestyle*” were announced.

180 entries were received from participants from various Institutes across the nation including DIPSAR, KIET, Sunderdeep group of Institutions, IFTM, Sharad Chandra Pawar college of pharmacy, Orlean College of pharmacy. Preliminary round was conducted wherein the participants were divided into groups and they expressed their views on the selected topics. The participants were judged on the basis of the relevant content, speech and expression. 16 participants were shortlisted for the final round held on 16 May 2020. All the participants delivered their contents with great zeal and enthusiasm.

**Naman Mudgal** from B. Pharmacy, Lloyd bagged first position followed by **Varnika Sharma** from KIET at second position. **Jessica Chalana** from Lloyd got third position. The judges' panel included **Dr. Bhupender Kr. Som**, Director & Prof. from the Lloyd Business School **Dr. Shruti Traymbak** Associate Professor Lloyd Business School **Mr. Quaisul Hoda** Assistant Professor Lloyd Institute of Management and Technology (Pharm.) who gave their unbiased opinions. **Dr. Som** also shared his views after the declamation and also appreciated the participants.



## “PHARMACY ESSAY 2020”

An online intercollege essay writing competition “**PHARMACY ESSAY 2020**” was conducted by Lloyd Institute of Management and Technology (Pharm.) during the lockdown period to enhance student's creativity and writing skills. The theme of the essay was based on “**Life Post Covid-19 Era.**” Students of more than 30 colleges from M.I.E.T, B.S. Anangpuria, Rameesh, Gurukul Kangdi Vishwavidyalaya participated enthusiastically in the event.

In all 70 essays were received. These essays were judged on the basis of their content, language and uniqueness. The first prize was bagged by Naman Mudgal, B. Pharm (1st year) from Lloyd, 2nd Prize to Ashish Kumar, B. Pharm (2nd Yr), Lloyd and Priya Pandey got the 3rd Prize. She is a student of Dr. B.R. Ambedhkar University, Agra. All Winners and participants were given e-certificates.

Later, the winners will be awarded during Lloyd's Annual function and the winning essays shall be published in the next edition of Lloyd's Reflections.



## First Prize Winner Essay

### Naman Mudgal

Lloyd Institute of Management and Technology (Pharm.)  
Greater Noida

#### Life Postcovid- 19 Era

Would Life Be The Same After It All Ends,

Or It Will Change Every Bit!!

Hey! Mother Earth! Do Pardon Us

We Have Learnt Our Lesson Through COVID!!

COVID-19, a pandemic that came into existence through an outbreak or a purposefully executed plan is still a question but what everyone witnessed is loss of hope and mass destruction! Originated from a lab or was result of someone's appetite but eventually it reached to every part of the world! It did what it was designated to but the excruciating pain and scars of fear that it had given us would never be out of our minds! "Time Heals Everything" but what time could even do when he inner soul is shattered into pieces! Life will not be the same! COVID has taken out the general essence of happiness the ingredient that most matters 'Togetherness' People do are with their families but still a sense of fear persists that they might affect their loved ones and the ones that are away from their families are crying for their loved ones! What a great 'Dilemma' Nature has put us in! Social Distancing has protected us but had it divided as well!! COVID was not completely negative seeing the positive side it had made us self dependent, united the whole world even they were away! Life post COVID would not be easy!!

Impacts of this pandemic would be seen on each and every sector as well as on the lives of the people. Beginning from the global level, economy has and will see tremendous downfall! Even the great Global organizations such as WHO, WORLD BANK are affected by this pandemic. 'Recession' will be another great problem in front of us!! Supreme powers of the world USA, FRANCE, ITALY who were well known for their abundant resources, great technologies, best health services are looking for a miracle to get out of this situation! Emotional breakdown of such supreme powers is demoralizing and haunting for rest of the world! Tour and Travel based economies would thrive for existence in the coming time! Unemployment was already there and this COVID has further given a boost to it! And In spite of that there would be hiked up taxes, increased prices of petrol, diesel and other utilities! People with the burden of loans are going to be hit by the interests on them! Emotional and Social affect of COVID might not sound as dangerous but these are going to have the deepest impacts! People who earlier used to wander places without hesitation would now be in a sense of fear whether to go out or not! Would those parks, theatres, restaurants witness those crowds or they would be deserted! Same goes with the marriages, birthday celebrations and other festivities! Would Diwali, Holi, Eid, Christmas, Lohri be just the holidays on the calendar!! Hospitals the life saving centre would now be seen as the hotspot of the COVID and people would hesitate to visit them! Farmers, Laborers, Daily wage workers are amongst the major working sections of India. Post COVID these are going to be massively affected as the requirement of man power would decrease and those who would get the work will be in fear of the working conditions! Political instability that would come could result in riots, religious differences eventually leading to the broken trust between Government and People!!

The hardships that are encountered today are just the beginning of a long war! Many more challenges await us. But what is important is to fight this with Bravery and Unity! "Together we stand, Divided we fall" Unity and Bravery are going to be the two main pillars in fight against COVID!! Working and supporting our Government is need of the hour. Religion, Caste, Creed, Gender these are just the upbringing of People what really define us all is that we all are 'HUMANS' All these barriers needed to be broken for a better tomorrow!! Building a better tomorrow for us as well as for upcoming generation free of this virus would be the greatest tribute to all the corona soldiers that have given their lives in protecting people! Most crucial time is now whether we want to fight this virus together or die fighting with each other is on us!!



## Second Prize Winner Essay

Ashish Kumar

Lloyd Institute of Management and Technology (Pharm.)  
Greater Noida

### Life Postcovid- 19 Era

Prediction sometime becomes a part of our life when we encounter a situation which is supposed to be there for a particular time in the upcoming future. This exactly is the situation across the globe because a deadly pandemic called Covid-19 has emerged. This particular pandemic basically got its origin from animals in the Wuhan city of China and got itself transferred to the humans across the globe.

More than 38 lakhs people have been infected around the globe out of which 12.8 lakhs have been recovered and 2.7 lakhs people have perished. Our country India has itself got more than 50 thousands cases of corona virus infection out of which around 17 thousand have been recovered and 1 thousand 9 hundred people have died. The most important aspect of such pandemic is its cure, which has not been discovered yet. So, the only option left with the people to combat the havoc created out of such pandemic is its prevention. In order to ensure its prevention the governments of all the Covid-19 affected countries have come up with an idea of imposing complete Lockdown of public places.

It has been speculated by the World Health Organization that the 'Vaccine' that is needed to have completely eradicated this pandemic would be developed after a year. This exactly is the reason behind the government imposing lockdown in order to break the chain of transmission of the virus. This lockdown has already put a negative impact on almost everything and in every field, i.e. Education Production, Health, Manufacture etc. And this is why it has emerged to be a topic over which numerous predictions are being done about the life of the people in "The Post Covid-19 Era". The prime minister of India Mr Narendra Modi has written over his twitter account that the new work culture and business post Covid-19 era would be redefined and it would be based upon the AEIOU formula.

The PM has mentioned that this AEIOU formula would be equally important as these vowels i.e. A, E, I, O, and U are important in English language. The AEIOU basically has different meanings for all of its letters. A stands for Adaptability, E stands for Efficiency, I stands for Inclusivity, O stands for Opportunity and U for Universalism. Adaptability demands the creation of a situation which takes care of the business and lifestyle at the same time. Efficiency should be there to ensure smart work. Inclusivity puts an emphasis upon developing plans which can take care of development and poor people simultaneously. New opportunities would be needed to combat the crisis which is supposed to occur out of this pandemic. Universalism as the name suggests is related to everyone irrespective of caste, Creed and religion. Everyone has to be united in order to fight this pandemic.

The life post Covid-19 era can be visualized on the basis of its impact in various areas like education, economics, Health etc. Some of the eminent economists have predicted a severe recession and emergence of unemployment. There would be a shutdown of various industries because of which many people would lose their jobs. Google CEO has recently declared that all the Google employee would have to work from home till December. Such decisions indicate the life of employees and the nature of work in the post Covid-19 era. The field of Education may also get a major shift, i.e.,

The conduction of classes may be done over internet and the world may adapt a digital mode of teaching in order to ensure social distancing. Production of goods may be increased in order to ensure proper supply and transport. Job creation would be the main focus of the governments in order to provide a boost to the downtrodden economy. The life post Covid-19 era is completely unpredictable but several suppositions have been made through research. We are surely heading towards something strange. All we can do is to wait, watch and contribute our best to get over this pandemic.



## Third Prize Winner Essay

Priya Pandey

Dr. B.R. Ambedkar University  
Agra

### Life Postcovid- 19 Era

Hey!! Did you wear your mask? Wait... where is my sanitizer? Oh!! God please bless me – A dialogue that we murmur after our each sneeze now-a-days. These dialogues somewhere became an important part of our day- to- day conversations. It may be due to the fear of that small nucleoprotein or I should say corona virus. The number of COVID-19 cases is increasing at an alarming rate. Clinical trials of new drugs, invention of new vaccines are on the way, the ray of hope of controlling the situation is somehow eradicating the darkness of this deadly pandemic. Though the storm settles down with time but some way or the other it will leaves its impact as every accident surely leaves it mark. Actually the point is that this pandemic disaster will surely be controlled with time but the struggle to balance public health will continue and what about social recovery??

The life post COVID-19 will not be an easy one for sure. Each and every sector whether it's health and education, private sectors, corporate world, medicament, dispensing, pharma industry, entertainment industry and essential services will have to face some twist and turn and of course our economy will definitely witness a huge fall. Work from home is quite trendy now-a-days but after this pandemic we somehow have to rejuvenate our lost connection with our day-to-day activities. This pandemic is giving us a lesson that some changes are must after the recovery from this disaster in order to protect the mankind with further such consequences in future. After this pandemic we would definitely not forget the most used word of the year “social distancing”. The social distancing norms are to be remembered forever even after the pandemic gets over. Seating at offices, school, and cinema hall must be redefined on the basis of social distancing norms. Introduction of shift based work is rather a good idea applicable for every profession. This pandemic has made us realise the productive use of technology and internet. Virtual meetings can be a good and helpful step in post COVID-19 era. Every sector indeed has suffered a lot. This crisis is surely an eye opener for us. The post COVID-19 era might become a blessing in disguise for the pharma sector. This corona virus has made us realized the reality of our handicapped health facilities. This would definitely be a game changer in post COVID-19 era. The post COVID-19 era will surely be an era of research, technological advancement and a power booster for our handicapped medical facilities. Though the post COVID era will be an era of shortage of job, shortage of production and supply chain. We will surely face financial crisis. Industries will suffer a lot but the good side of circumstances will be our environment will heal as there will be check on the pollution level. People will now surely follow cleanliness norms imbibing good hygiene practices. Self-cleaning, social cleanliness and sanitization would definitely become our priorities. Medical researchers can show their potential for issuing some health related guidelines so that this post COVID era can become an era of learning, era of introspection. Despite of flourishing business-India's pharma industry is the third largest in the world. Because of this pandemic, there is factory shutdown in china; the Indian drug makers somehow were dependent on china for supply of raw material, including APIs because of the low cost. The current crisis is a blessing in disguise and an opportunity to again become a chief supplier of pharma products for the world. As we have seen in this COVID period our country helped other countries by supplying hydroxychloroquine. Biotech. And pharma sectors are developing new therapies that will surely meet medical needs and this sector may witness a huge recovery after post COVID-19 era whether it's about clinical trials, research, new drug development, it will observe a huge rise. This will definitely open a lot of carrier opportunity in the field of medicine.

Every disaster, every crisis, every accident surely teaches us some life changing lessons to be remembered for life time. The post COVID-19 era will definitely begin new chapters of our life. We will surely live refreshed and revised life keeping in mind those past experiences and how to utilize them in order to build a new and happy future. Doctors and pharmacists would be remembered for their contributions. Our health care services would definitely be improved. There is a popular saying also “Nation's progress ultimately depends upon the health of its citizens.” The fear created and the loss done by this single nucleoprotein or I should say corona virus will definitely take us towards a better tomorrow. Let's write a new story this time, a good one!!!

Till this pandemic ends – STAY HOME, STAY SAFE!!



# Webinar 1.0

## “Covid-19: challenges for scientists in diagnosis and vaccine development”

Lloyd Institute of Management and Technology (Pharm.) conducted its first addition of webinar in webinar series on 2nd May, 2020. **WEBINAR-1.0** on the theme "Covid-19: Challenges for Scientists in Diagnosis and Vaccine Development". The webinar was attended by 300 participants from 80 different colleges. The resource persons for the webinar were four eminent people from industry who shared their views on the topics regarding Clinical testing and steps in developing vaccines and Provisions for fast track approval process of vaccines

**Dr. R. P. Tiwari** (Director Technical, Vanguard Diagnostics Pvt. Ltd., New Delhi) explained the use of RT-PCR along with antibody test for accurate analysis of Covid-19 diagnosis. **Mr. Vyas Dhamodaran**, Chief Executive Officer, Synorbs Biosolutions Pvt. Ltd., Chennai detailed about procedures and steps involved in the development of vaccines starting from preclinical to clinical development. He predicted that under normal circumstances it takes about 20 yrs for vaccine to come to the market. **Mr. Sanjay Gupta**, Director, Catalyst Clinical Services Pvt. Ltd., discussed the four phases of a clinical trial during drug development and the significance of each stage. Besides he said that immunogenicity and primary and secondary endpoints monitoring are critical while testing vaccines. **Mr. Vinod Purohit**, Director and Principal Consultant, Global Regulatory Strategy Lead, London, U.K. speaking on regulatory concerns over fast track approval stated that the regulators are ensuring this by giving highest priority and fast approvals for all procedures. It is being ensured through CTAP (Corona virus treatment acceleration program) and EMA.

**Courses Offered**

- D. Pharm.
- B. Pharm.
- M. Pharm.

**TOPICS:**  
Our panel of experts will discuss:

- Challenges posed by Covid-19
- Diagnosis: Available technology for testing and decision making
- Steps involved in developing vaccines
- Clinical testing procedures of vaccines
- Provisions for fast track approval process of vaccines

**WEBINAR-1.0** on **COVID-19: CHALLENGES FOR SCIENTISTS IN DIAGNOSIS AND VACCINE DEVELOPMENT**

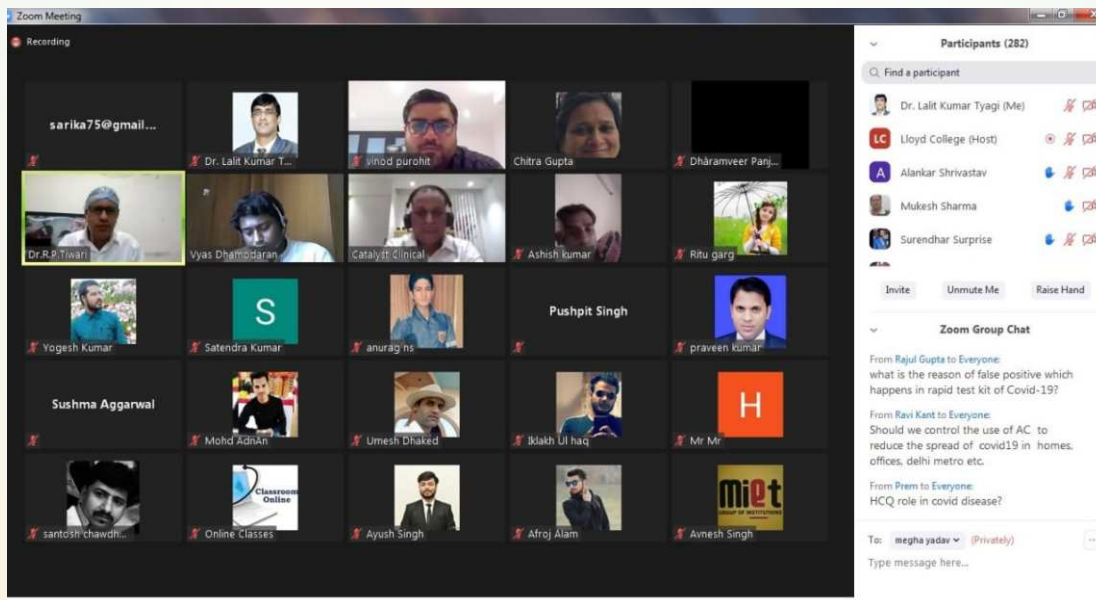
Saturday, 2<sup>nd</sup> May, 2020 | 4:00 pm to 5:00 pm  
Platform: **Google Meet**

**Eminent Speakers**

- DR. R. P. TIWARI**  
Director Technical, Vanguard Diagnostics Pvt. Ltd., New Delhi
- MR. VYAS DHAMODARAN**  
Chief Executive Officer, Synorbs Biosolutions Pvt. Ltd., Chennai
- MR. SANJAY GUPTA**  
Director, Catalyst Clinical Services Pvt. Ltd.
- MR. VINOD PUROHIT**  
Director and Principal Consultant, Global Regulatory Strategy Lead, London, UK

**No Registration Fee**  
**Certificates for all participants**

**For any queries, contact:**  
• Dr. Lalit Kumar Tyagi | Contact: 9997305488  
• Dr. Chitra Gupta | Contact: 9811028038



# Webinar-2.0 on “Prospective: Covid-19 Antiviral Therapy”

Lloyd Institute of Management and Technology conducted its **second webinar of webinar series, on 9th May, 2020**. The **theme** of the WEBINAR was **“Prospective: Covid-19 Antiviral Therapy”** and it was attended by **400 participants**. The purpose was to spread awareness on Covid-19, make students understand the origin, nature of the virus, pathophysiology of infection and possible treatment approaches.

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MAY 09 04 PM

Stay Home Stay Safe Stay Updated

WEBINAR SERIES

WEBINAR-2.0  
on  
PROSPECTIVE: COVID-19 ANTIVIRAL THERAPY

Platform: ZOOM

Resource Person  
**Prof. (Dr.) B. P. Srinivasan**  
(Former Director, DIPSAR, New Delhi & Former HOD, Delhi University, New Delhi)  
Prof. & HOD Pharmacology,  
Anangpuria Institute of Pharmacy,  
Faridabad, Haryana

E-certificates for all participants

No Registration Fee

For any queries, contact:  
• Dr. Lalit Kumar Tyagi • Dr. Chitra Gupta  
Contact: 9997306488 Contact: 9811028038

Confirm your Registration on:  
Registration Link:  
<https://cutt.ly/eykypVH>

Scan QR Code for Registration

Plot No. 11, Knowledge Park - 2, Greater Noida - 201306  
www.lloydinstitute.com | lloydpharmacy@gmail.com

To address these issues, **Prof. (Dr.) B. P. Srinivasan, Professor & H.O.D Pharmacology, Anangpuria Institute of Pharmacy, Faridabad** who is also Former Director, **DIPSAR, New Delhi**, was invited as the guest speaker. The talk began with description of the typical crown like structure of virus due to presence of spike proteins on the surface and progressed to how the virus enters the body and causes initial symptoms of hypoxemia and apnoea subsequently affect the body thermostat leading to cough, upper respiratory tract symptoms, stimulation of autonomic nervous system and ultimately shock like condition with complications like extremely low B.P. and multiple organ failure.

This was followed by different approaches to treatment and how the already approved and existing antiviral drugs can be repurposed for dealing with current pandemic. The session concluded with answering questions from the audience.

## Webinar-3.0 on “Holistic Approach to Fight Covid-19: Immunity Boosting & Treatment Options”

Lloyd Institute of Management and Technology (Pharm) conducted its **third webinar of Covid-19 webinar series, on 23rd May, 2020. The theme of the Webinar-3.0 was “Holistic Approach to Fight Covid-19: Immunity Boosting & Treatment Options”** and it saw participation of **700 participants from 90 different colleges** including medical professionals from all over the Country. The event was conducted through ZOOM portal and was live on Lloyd YouTube Channel.

The purpose was to explore the possibility of integrating modern medicine i.e. Allopathy and traditional systems of medicine like Homeopathy and Ayurveda to fight Covid-19 and emphasize the importance of immunity as a single most important weapon. The panels of experts to address the issue were noted medical practitioners from different systems of medicine and a representative from Pharmaceutical industry. **Mr. Dhiraj Nanda**, while addressing the audience



emphasized the role of immunity in pandemics like Covid-19 and otherwise in general wellbeing of an individual. He also explained various measures to improve one's natural immunity by balanced nutritious diet and a good routine. Second speaker **Dr. Geeta Rani Arora** shared her perspective of importance and role of homeopathy in epidemics and pandemics. Siting various examples of historical incidences where homeopathy had successfully evolved human race from pandemic and epidemic diseases she stressed that there are sufficient evidences to prove that homeopathy with its lower mortality rate is the right and the safer option. Our third speaker **Dr. Ruchi Gulati**, a renowned Ayurvedic practitioner, shared her deep insights into Ayurveda and highlighted that Ayurvedic system analysis disease as an outcome of imbalance in our diet, conduct, character and hygiene. She said that pandemics have been addressed as Janapadodhwamsa and contagious diseases like Covid as Aupasargika roga and are not new to Ayurveda. Fourth Speaker **Lt. Col. Dr. Sarvesh Srivastava** explained the protocol that is being currently followed in hospitals for dealing with Covid-19 patients and how health workers are taking care of their own safety while handling the patients. He also discussed about the significance and need for vaccine and the various other roadblocks being faced in dealing with current Corona crisis. During his talk he focused on the general management of the patients & guidelines to be followed.

The session was concluded with a series of interesting questions from audience, which were well answered by the respective expert panelist.

All together the event was a grand success as could be understood from the feedback, messages, mails received and chats during the session. Some of the participants were of the opinion that it was one of the best webinars they have attended pertaining to Covid-19.

# Webinar-4.0 on “Ignorance of Pharmacy and Therapeutics Committee in Hospitals in the Management of Covid-19: A Possible Cause of Rampant Deaths”

Lloyd Institute of Management and Technology (Pharm) conducted its fourth webinar of Covid-19 webinar series, on 06th June, 2020. The theme of the Webinar-4.0 was “Ignorance of Pharmacy and Therapeutics Committee in Hospitals in the Management of Covid-19: A Possible Cause of Rampant Deaths”.

The webinar was done in collaboration with Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi first university of Pharmaceutical Sciences in India. Prof Ramesh K. Goyal, Hon'ble Vice-Chancellor, DPSRU was the resource person who shared his perspectives on the topic. Around 600 participants from 75 different colleges including medical professionals from all over the Country participated in the event. The event was conducted through ZOOM portal and was live on YouTube channel.

Prof. Goyal said that by bringing pharmacists into mainstream health line workers, the pharmacists can shoulder the responsibility of Doctors and medical professionals in these trying times and this may inturn lead to avoidance of complications, minimize medication errors and ensure patient safety and increased survival rate particularly in times like Covid Pandemic.

He said that it is a pity that in India most hospitals do not have Hospital and Clinical Pharmacists. The Covid-19 virus has complicated dynamics and the etiology may vary from individual to individual, hence the treatment approach needs to be individualized and this can be most effectively worked out by a joint effort between pharmacists and doctors. It is well evidenced that Pharmacists involvement in disease management gives better outcomes. Further publishing and presenting our successes will pave the way for the future.

He further said the **Pharmacy and therapeutics committee** in most of the hospitals have limited functions of formulary management and reviewing the cost of treatment. The time is now ripe for it to reinvent itself both in terms of constitution and functions and assume its undermined functions in the larger interest of the patient health and benefit from the treatment.

He said that PCI has made remarkable and valid changes in the pharmacy curriculum and their efforts are commendable but still needs to work upon incorporation of hospital and clinical pharmacy components in the syllabus. In fact he suggested that after one or two years of general study why not we have specialized separate branches just like honors courses in normal graduation to add to the technical expertise of the students.

Addressing the students from this platform he said that the students should focus on acquiring skills during the course of study and once they do so and are competent enough there is no dearth of jobs for them. Towards the end of his talk he said that his single message to the fellow pharmacists from this platform is: **“to join hands with other healthcare workers and together make INDIA corona free”**.

The banner for Webinar 4.0 features the following elements:

- Logos:** Lloyd Institute of Management & Technology (Lloyd Institute of Pharmacy), NBA Accredited (B.Pharm, Decem 2019), and Delhi Pharmaceutical Science and Research University (DPSRU).
- Text:** "In Collaboration with Delhi Pharmaceutical Science and Research University (DPSRU)", "IGNORANCE OF PHARMACY AND THERAPEUTICS COMMITTEE IN HOSPITALS IN THE MANAGEMENT OF COVID-19: A POSSIBLE CAUSE OF RAMPANT DEATHS", and "WEBINAR 4.0 www.lloydpharmacy.edu.in".
- Portrait:** Prof. Ramesh K. Goyal, Hon'ble Vice Chancellor, DPSRU, New Delhi.
- Charts:**
  - Molecular Diagnostics Market:** A bar chart showing market size in billions of USD from 2015 to 2020, with a projected increase from approximately 1.5 billion in 2015 to 3.5 billion in 2020.
  - Global Bioclinical Market (in billions, \$USD):** A bar chart showing market size from 2015 to 2020, with a projected increase from approximately 100 billion in 2015 to 150 billion in 2020.
  - Biopharma leads the way:** A pie chart showing the composition of total biotech revenue, with Biopharma leading at 65%, followed by Biotech at 35%.

# Webinar-5.0 on "Virtues of Virtual Education in Pharmaceutical Sciences During and After Covid-19"

Lloyd Group of Institutions organized Webinar-5.0 on "Virtues of Virtual Education in Pharmaceutical Sciences During and After Covid-19" on Wednesday, 17th June, 2020. Overwhelming responses of 550+ registrations from Institutions like Jamia Hamdard, DPSRU, K.I.E.T, Amity University, Rame-esh Institute, Greater Noida made this webinar a great success.

The Key speakers from various renowned Institutes included **Prof. (Dr.) Kanchan Kohli**, School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi; **Professor Kamla Pathak**, Pharmacy College Saifai, Uttar Pradesh University of Medical Sciences, Saifai, Etawah, India; **Prof. Harvinder Popli**, Dean, Off. Registrar and Dean, DPSRU, and **Dr. Vandana Arora Sethi**, Group Director, LLOYD, Greater Noida.



The First session was held by **Prof. (Dr.) Kohli** on the topic "Challenges and opportunities in times of COVID". **Prof. Kohli** shared her intellect by touching the various sectors i.e., Health, Pharmaceutical, Academic, Economic sectors as well as how the Physiological wellbeing and Social harmony is facing extreme challenges currently. She also stressed upon role of Indian drugs and their **bioactives** in the treatment of COVID.

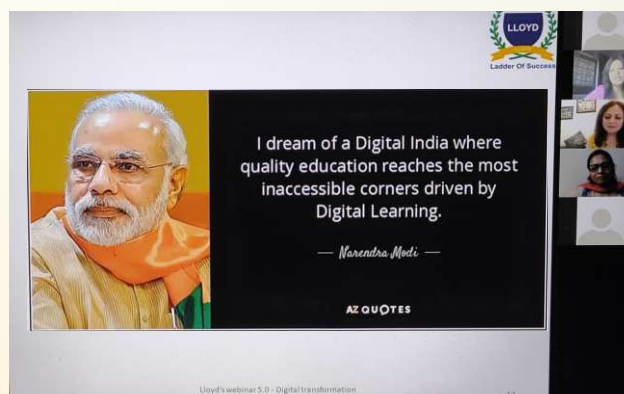
The other eminent speaker, **Professor Kamla Pathak**, expressed her views on "Online Education in COVID-19 and post COVID-19" and told about the various platforms like MHRD, NCERT, DTE, SWAYAM, NPTEL, existing currently to enable online education in India. Her words concluded on "The future is: Assortment of social media and online platforms."

The third Speaker **Prof. Harvinder Popli**, spoke on Education management during lockdown and how students can stay competitive in the changing job markets. She had an interesting and captivating opinion behind the transition from the present chalk and talk model to Virtual Education. Prof. Popli shared her optimistic vision of the future of online education in and its key categories and market structure. She also shared some commonly used platforms for Online teaching like, Google Classroom, TED Ed, Ed Puzzle, etc that could be beneficial for the upcoming era 2021 and top EduTech Companies and their role in virtual learning.

In the final hour of this Webinar 5.0, our **Group Director, Dr. Vandana Arora Sethi**, who elucidated light on the Overnight shift from real to virtual education or digital transformation. She explained the entire process of digitalization of an Institute and told about various means an Institute can evolve with technology.

She also emphasized on two points "why go digital" and "who begins the change". In the end, she enlightened the trends needed to adopt to stay ahead in education post-COVID.

This hourly session was concluded by some follow-up questions from the delegates of webinar which were brilliantly taken up by the speakers. The live streaming of the webinar on youtube attracted a large number of audience on the current topic of virtual learning.



## STUDENTS' ACHIEVEMENTS

### Out Campus Achievers

Certificate of Achievement for Outstanding Performance in Pharma Quizofest 2K20 organized by Guru Jambheshwar University, Hisar on 7th may 2020.



**Sanchit Kumar**  
(B.Pharm. 3<sup>rd</sup> Year)



**Pushpit Singh**  
(B.Pharm. 3<sup>rd</sup> Year)



**Chander Prakash**  
(B.Pharm. 3<sup>rd</sup> Year)



**Ashu Uphadyay**  
(B.Pharm. 3<sup>rd</sup> Year)

### GPAT Qualifiers 2020



**Shohit Vaish**  
AIR-404



**Tushar Setia**



**Priyanka Gola**

## Academic Achievers of Odd Semester 2019-20

### 1ST SEMESTER



**NAMAN MUDGAL**  
85.51



**AARTI ROY**  
83.03



**JESSICA CHALANA**  
82.89

### 3RD SEMESTER



**ASHISH KUMAR**  
82.93



**AKHIL CHAUDHARY**  
80.40



**SACHIN VERMA**  
80.13

### 5TH SEMESTER



**SAHIL GAUR**  
83.2



**CHAHAT AGGARWAL**  
80.3



**MITTAL KUMARI**  
78.4

### 7TH SEMESTER



**PRIYANKA DUA**  
83.4



**PRIYANKA GOLA**  
82.9



**NANCY**  
81



**CATALYST**  
**2020**  
 @  
**LLOYD**







# LLOYD IN NEWS

## ऑनलाइन बेबडेक में कोरोना महामारी में फार्मास्युटिकल की भूमिका पर चर्चा

ग्रेटर नोएडा, 16 मई (देशबन्धु)। लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी (फार्मा) ऑनलाइन वेबडेक 2020 का आयोजन किया, जिसमें फार्मा कंपनियों के प्रतिनिधि व फार्मसी के विद्यार्थी शामिल हुए। डॉ. वंदना अरोड़ा सेठी, समूह निदेशक, लॉयड इंस्टीट्यूट के सहयोग के साथ, लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी (फार्मा) ने शनिवार को वेबडेक का आयोजन किया गया। विषय कोविड-19 पर थे और फार्मास्युटिकल इंडस्ट्रीज की भूमिका और जीवन शैली में परिवर्तन साझा किए गए थे। प्रतिभागियों को विभिन्न संस्थानों के साथ-साथ खुद लॉयड ने भी भाग लिया और अद्भुत विचार साझा किए, संगठित किए और बहुत अच्छी तरह से प्रस्तुत किए, जिसमें डॉ.आईपीएसएअर, के.आइआईटी, सुंदरदोप ग्रुप ऑफ इंस्टीट्यूट्स, आईएफटीएम, शरदचंद्र पावेल कॉलेज ऑफ फार्मसी, और लियन ऑफ फार्मसी शामिल थे। वेबडेक 2020 को 180 प्रतिभागियों से प्रविष्टियां मिलीं। जिसमें प्रतिभागियों को समूहों में विभाजित किया गया था और प्रारंभिक दौर 13 और 14 मई को लिया गया था। प्रतिभागियों को संबोधित सामग्री, भाषण और अभिव्यक्ति के आधार पर आंका गया था। 180 प्रतिभागियों में से 16 को ऑनलाइन टैग के लिए चुना गया था। नमन मुद्गल, लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी (फार्मा) से बी. फार्मा के छात्र ने पहला स्थान हासिल किया, के.आईआईटी ग्रुप ऑफ इंस्टीट्यूट्स की वर्षिका शर्मा ने दूसरा स्थान हासिल किया और जैसिका चलन लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी (फार्मा) से बी. फार्मा के छात्र ने तीसरा स्थान हासिल किया।

## रोग प्रतिरोधक क्षमता बढ़ाने व कोरोना इलाज के विकल्प पर वेबिनार

ग्रेटर नोएडा, 23 मई (देशबन्धु)। लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी (फार्मा) ने डॉ. वंदना अरोड़ा सेठी, समूह निदेशक लॉयड ग्रुप ऑफ इंस्टीट्यूट्स के मार्गदर्शन में कोविड-19 इम्युनिटी बूस्टरिंग एंड ट्रीटमेंट ऑप्शंस से लड़ने के लिए समग्र दृष्टिकोण पर तीसरी वेबिनार श्रृंखला यानी वेबिनार-3 का आयोजन शनिवार को किया गया। यह सत्र जूम मीटिंग के साथ-साथ यूट्यूब चैनल पर लाइव स्ट्रीम किया गया। हमारी स्वास्थ्य प्रणाली को प्रत्येक श्रेणियों से चार प्रख्यात वक्ता यानी एलेक सेठी, होल्म्योपैथी, आयुर्वेद के साथ-साथ हमारे औद्योगिक दृष्टिकोण ने हमारी प्रतिक्रिया और हमारे विभिन्न उपचार विकल्पों को बढ़ाने पर चर्चा की थी। पहले



वक्ता धीरज नंदा, निदेशक, व्यवसाय विकास, न्यूट्रोलाइफ इंडिया प्राइवेट लिमिटेड प्राकृतिक प्रतिक्रिया और विटामिन पर ध्यान केंद्रित करते हैं, पूरक जो हमारी प्रतिक्रिया बढ़ाने पर महत्वपूर्ण भूमिका निभाता है। यह विशेष रूप से संक्रमण की संभावना को कम करता है और संज्ञानात्मक कार्यों को बढ़ाता है।

## लॉयड कॉलेज में कैटेलिस्ट-2020 का समापन



ग्रेटर नोएडा। नॉलेज पार्क स्थित लॉयड कॉलेज में सोमवार को चार दिवसीय साहित्यिक और सांस्कृतिक वार्षिक उत्सव कार्यक्रम कैटेलिस्ट-2020 का समापन हुआ। इस दौरान 12 सांस्कृतिक, 10 शैक्षणिक, पांच सेलेब्रिटी कार्यक्रमों की प्रस्तुति दी गई। दिल्ली एनसीआर सहित देश भर से 1500 से अधिक प्रतिभागियों ने हिस्सा लिया। तीसरे दिन के कार्यक्रम की एक टॉक शो युवा भारत क्या चाहता है पर समूह चर्चा के साथ शुरूआत हुई। शाम को कैटेलिस्ट-2020 कार्यक्रम में निजामी बंधु जैसे गायकों ने सूफ़ी नाइट से समां बांध दिया। निजामी बंधु कव्वाली की टीम में शादाब फरीदी और सोहराब फरीदी निजामी ने निजामुद्दीन औलिया के सम्मान में प्रस्तुति दी। चौथे दिन नुक्कड़ नाटक और गायक जस मानक के गीतों की धुनों पर दर्शक खूब थिरके। कार्यक्रम में संस्थाध्यक्ष मनोहर थेरानी, समूह निदेशक प्रोफेसर वंदना ने भी विद्यार्थियों का हौसला बढ़ाया। व्यूसे

## सफल संस्थान ईमानदारी व जवाबदेही पर आधारित : डॉ. वंदना

- शिखर सम्मेलन में प्रौद्योगिकी में विकास के साथ बढ़ती चुनौतियों पर चर्चा
- सफल चैन को लेकर विद्यार्थियों के पूरे खयाल को विशेषज्ञों ने दिया जवाब



ग्रेटर नोएडा, 15 फरवरी (देशबन्धु)। लॉयड बिजनेस स्कूल में प्रबंधन सागर-2020 का आयोजन किया, जिसमें सलाह चैन प्रबंधन (एसपीएम) और मानव संसाधन (एचआर) कॉन्फ्लेक्स आयोजित हुआ। इस अवसर पर मुख्य अतिथि पवन ताम्रान, भारत सोएफओ, पब्लिसिटी मैनेजर, कॉर्पोरेट ट्रेनर, आई ऑफ डिजिटल कॉर्पोरेट प्रोग्राम और सिस्टर टीका, कॉर्पोरेट ट्रेनर, ब्रह्म कुमारी शामिल हुए। प्रो. वंदना अरोड़ा सेठी, समूह निदेशक, लॉयड ने स्वागत भाषण के साथ कार्यक्रम को शुरूआत की। डॉ. वंदना ने कहा कि सफल संस्थान ईमानदारी, विभ्रता और जवाबदेही पर आधारित होते हैं, जो

किसी भी फलने-फूलने के लिए बहुत आवश्यक है। इस दौरान विवेक कुमार, जीएफ, सफल चैन मैनेजमेंट, पावरग्रिड कॉर्पोरेशन ऑफ इंडिया को सफल चैन कॉन्फ्लेक्स में अपने विचार रखे। उन्होंने वर्तमान, अतीत और भविष्य, भौगोलिक प्रसार और पावर ग्रिड के संघर्ष समूहों और संरचनाओं को कवर किया। प्रौद्योगिकी में विकास को अंतर्गत संभावना के साथ बढ़ती चुनौतियों को पहचान करना था और सामरिक व्यापार प्रबंधन के संबंध में साझा विकसित करने और इन विकृतियों पर ध्यान केंद्रित करने और शमन उपचारों को पहचान के साथ परिवर्तनों को समावेशित करने के साधनों को पहचान करना था। पहले पवन चर्चा सामरिक व्यापार निर्णयों पर आरंभित श्रृंखला विस्तारों का प्रभाव पर प्रद्युम्न गुप्ता, महाप्रबंधक, लासको शिपिंग, कंपनी प्र. लिमिटेड, रवींद्र चौधरी, बिजनेस डेव आगंठ डेवरि युप, विवेक नंदा, कॉर्पोरेट ट्रेनर मोडिरेशन स्पीकर, लाइफ फिकल स्पेशलिस्ट + रवेंता भा, मार्केटिंग और ऑफर मैनेजर अमेजन इंडिया, लॉयडकॉन्फ्लेक्स स्टेडी और रिस्क मैनेजमेंट के 3 में चर्चा की। मुख्य अतिथि मिस्टर, टीका, ट्रेनर, ब्रह्म कुमारी ने कहा कि बुजुर्गों के साथ सब कुछ करने से जीवन आसान हो जाता है।

## कैपिटल ज़ोन लॉयड इंस्टीट्यूट के वेबिनार में विशेषज्ञों ने रखे विचार

सांस्कृतिक व साहित्यिक कार्यक्रम कैटेलिस्ट का हुआ समापन



ग्रेटर नोएडा, 2 मई (देशबन्धु)। लॉयड कॉलेज प्रथम साहित्यिक और सांस्कृतिक वार्षिक उत्सव का समापन हो गया, यह दिवसीय कार्यक्रम कैटेलिस्ट 2020 में 12 सांस्कृतिक कार्यक्रम, 10 शैक्षणिक कार्यक्रम को प्रस्तुत किया गया है। इसमें दिल्ली-एनसीआर में दो गीत, कवि, देश भर से 1500 से अधिक प्रतिभागियों ने हिस्सा लिया। संस्था के अध्यक्ष मनोहर थेरानी के साथ प्रो. वंदना अरोड़ा सेठी ग्रुप निदेशक, लॉयड कॉलेज ने वेबसी चैटिंग, मॉडल एवं बाल विकास राज्य मंत्री, भारत सरकार और गोलू कृष्णा अग्रवाल राष्ट्रीय प्रबन्धक, भाजपा ने उद्घाटन चर्चा किया। कार्यक्रम का चौथे दिन अफवाकल-स्ट्रीट ले एर और अमरगक के गीतों को धुनों पर दर्शक खूब

लॉयड इंस्टीट्यूट के वेबिनार में विशेषज्ञों ने रखे विचार



ग्रेटर नोएडा। नॉलेज पार्क स्थित लॉयड इंस्टीट्यूट ऑफ मैनेजमेंट एंड टेक्नोलॉजी इन फार्मा में शनिवार को 'कोविड-19 के निदान और टीका विकास' के संबंध में वेबिनार का आयोजन समूह निदेशक डॉ. वंदना अरोड़ा के सहयोग से किया गया। इस दौरान कैटेलिस्ट क्लॉनिकल सर्विसेस प्राइवेट लिमिटेड के निदेशक डॉ. संजय गुप्ता, मोहारा डायग्नोस्टिक्स प्राइवेट लिमिटेड, नई दिल्ली के निदेशक डॉ. आरपी तिवारी आदि विशेषज्ञों ने अपने विचार रखे। व्यूसे

## शतरंज में आदित्य व कैरम में श्रुति विजेता



ग्रेटर नोएडा। लॉयड कॉलेज में खेल प्रतियोगिता की विजेता प्रतियोगिता में लॉयड वीपिस लीग-2020 का आयोजन किया गया। कार्यक्रम में विभिन्न खेल प्रतियोगिताओं का आयोजन हुआ। खेलों में दिल्ली-एनसीआर के विभिन्न कॉलेजों ने हिस्सा लिया। खेलों में लॉयड कॉलेज की टीम विजेता रही। शतरंज में आर्टीएस कॉलेज के छात्र आदित्य ने पहला व जीएनआईटी के मुरारी कुमार ने दूसरा स्थान प्राप्त किया। बालिका वर्ग कैरम के मुक़ाबले में श्रुति व मानसी ने जीत दर्ज की। बैडमिंटन में आईआईसी की सोनाली ने प्रथम व लॉयड की प्रियंका ने दूसरा स्थान प्राप्त किया। कॉलेज की सुप निदेशिका डॉ. वंदना अरोड़ा सेठी ने डॉ. हरिवंश राय कवचन की प्रसिद्ध कविता कोशित करने वालों की कथी हार नहीं होती, की भावितया गाकर खेलों में हिस्सा लेने वाले छात्रों का उत्साहवर्धन किया है।



## लॉयड : चैंपियन लीग का आगाज, 300 खिलाड़ी दिखाएंगे दम

ग्रेटर नोएडा। नॉलेज पार्क-2 स्थित लॉयड ग्रुप ऑफ इंस्टीट्यूट में कुश्खार को लॉयड चैंपियन लीग-2020 का शुभारंभ हुआ। प्रतियोगिता में 10 से अधिक कॉलेजों के करीब 300 विद्यार्थी हिस्सा ले रहे हैं। यह बालीबॉल, टेनिस, कैरम, क्रिकेट, शतरंज, खो-खो में अपनी प्रतिभा दिखाएंगे। दो दिन की प्रतियोगिता का उद्घाटन जिला समाज कल्याण अधिकारी शैलेन्द्र बहादुर सिंह ने किया। इस दौरान संस्थान के अध्यक्ष मनोहर थेरानी और प्रोफेसर वंदना अरोड़ा सेठी ने विद्यार्थियों का उत्साह बढ़ाया। प्रतियोगिता में एनआईटी, जीएनआईटी, आईसीसी, मंगलम, स्कॉलरहाउस, आईएमए, जीएल वजाज, जेआइएमएस भाग ले रहे हैं। बहुस्तरीय को कई खेलों के फाइनल मुक़ाबले खेले जाएंगे। व्यूसे

## ऑनलाइन लर्निंग पर जोर दें विद्यार्थी : डॉ. वंदना

ग्रेटर नोएडा। नॉलेज पार्क स्थित लॉयड बिजनेस स्कूल की ग्रुप डायरेक्टर डॉ. वंदना अरोड़ा सेठी ने शुक्रवार को इंस्टीट्यूट के अध्यक्ष मनोहर थिरानी की प्रेरणा से प्री-इंडक्शन टॉक को संबोधित किया। इस दौरान उन्होंने विद्यार्थियों से समय के साथ बदलते डिजिटल युग में कदम रखने और ऑनलाइन लर्निंग पर जोर देने को कहा। साथ ही उन्होंने कहा कि रिटेल, बैंकिंग, क्रोमा, स्वास्थ्य सेवा, आईटी, व्यक्तिगत सेवाओं और मनोरंजन जैसे उद्योग अब ऑनलाइन सेवा की ओर अग्रसर हैं। उन्होंने छात्रों को इंटरैक्टिव पर जोर देने को कहा। व्यूसे



दोनों में प्रतिभाग करते छात्रक।



## Upcoming Events

- *Fresher's Party*
- *Pharmacist Day*
- *PharmaSpeak-2020*



**Your Dreams. Our Mission.**

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