Foreword

It gives me immense delight to introduce the first edition of "Lloyd Reflections", our first-ever biannual magazine. I am sure you have a pleasant journey surfing through the pages of articles, updates and our achievements.

We, at Lloyd, are driven by the belief that every child deserves a high quality education. And in today’s generation where there is an intersection of great challenge & great opportunity, especially in the pharmaceutical sector, we need to think out-of-the-box and provide only the best to our students.

Since its inception more than a decade ago, Lloyd has remained a place of innovation and excellence in pharmacy education. As the needs of society and profession have changed, the Institute has also evolved and continues to bring about positive changes to prepare future pharmacists for an expanded sole in the healthcare profession.

Consistently amongst the top-ranked private schools of pharmacy, Lloyd continues to be an innovative force in pharmacy education to meet the needs of a changing world.

Today, we offer Bachelor of Pharmacy (B. Pharm.) and Master of Pharmacy (M. Pharm.) in Pharmaceutics and Quality Assurance. Lloyd is the only private School of Pharmacy where the student is given opportunity for an all-around development, a rich professional & social atmosphere, space and technical support to develop innovations and immense guidance from faculty, hence opening the doors for many opportunities after graduation.

Our main forte lies in our links & collaborations with the pharmaceutical industry. We believe more in on-site training than only theoretical classes. Not only the students, but also the faculty undergoes practical refresher training session in the industry on a regular basis.

Lloyd provides an exciting and engaging environment for students to pursue their studies as well as engage in activities which will make them a successful human being.

I give my blessings and wishes for a successful and fulfilling life to all my students.

To the alumni : You have been our torch bearers, carry the light of Lloyd high and bright. Sky is the limit for all of you.

To the students wishing to join us for Pharmacy education : May the Almighty show you the right path to choose the right career.

Regards and blessings to all,
Dr Vandana Arora Sethi

1. “I Congratulate Mr.Manohar ji, his wife, whole management of Lloyd Institute, and wish the team a grand success.”

   Dr. G.N. Singh, Drug Controller General (India) FDA

2. “Dynamic, vibrant institution. The faculty is engaged in shaping the young managers of the country to confront the challenges ahead” All the best.

   N.P. Singh, District Magistrate (DM), Gautam Budh Nagar, U.P.

3. “The future of Pharmacy students studying in the Lloyd Institution is very Bright.”

   Atul Nasa, Deputy Drug Controller, CDSCO
President’s Message

I am happy to greet one and all to the Lloyd family in the new academic session. We, at Lloyd, will do everything to make sure you get the support you need to succeed. From the moment you step on Lloyd campus, your success is our goal and we will work with you to make it happen. From the Reception to the Admission office, from the Career Counseling Office to the Financial Aid office, from the Lecture halls to the sophisticated Labs, from the Language Lab to the well stocked library with 12 hours accessibility and beyond, there are people at Lloyd who will help you find your way around. Lloyd has a long history of helping students achieve their dreams. We provide programmes that reflect current and emerging knowledge and practices and promote self-management, critical analysis, decision making and entrepreneurship.

Our faculty fosters students ready to undertake roles, responsibilities and challenges in business, industry, the professions, public services and society. They are the people who make it happen and that’s why most students say “it feels like home” here. Today Pharmacy profession is not confined to industry alone. It has expanded immensely and there are a lot of opportunities in Clinical Research, Nanotechnology, Drug Discovery, Molecular Biology, Phytochemistry and so on. Pharmacy discipline has grown tremendously and recent advances in technology have created plenty of job and research opportunities. Recent innovations have revolutionized the process of drug discovery and development. Lloyd is student-centric and ready to face the global challenges of the Pharmacy profession. Our B.Pharm. and M.Pharm. curriculum is designed in that direction by intellectuals.

I welcome you to the Lloyd Group—we are dedicated to help you achieve your goals.

Mr. Manohar Thairani

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1. “First time attempt by Lloyds college of organizing job fair was excellent. Participation of 400 companies, 800 students, 100 college shows the competence of the college. I congratulate the management of the college”

   S.L. Nasa, Registrar, Delhi Pharmacy council

2. “I am really impressed with the leadership qualities of Mr. Manohar, Amazing infrastructure, well qualified faculty and green environment are added advantage for the healthy growth of students”

   P.K. Jaggi, Ex vice- President, PCI

3. “Job fest, which is the greatest demand of the profession, is being conducted in Lloyd Institute. Heartiest congratulations to Dr. Vandana for taking the interest, in a noble cause”

   Dr. Arun Garg, Dean, K R Mangalam University
Climatic conditions, particularly temperature and light intensity have a strong effect on the nutritional quality of fruit and vegetables. Low temperatures favour synthesis of sugars and vitamin C (glucose being the precursor to ascorbic acid) and at the same time decreases the rate of ascorbic acid oxidation.

Maximum \( \beta \)-carotene (vitamin A) content in tomatoes occurs at a temperature range of 15°C to 21°C but \( \beta \)-carotene content is reduced if temperature is higher or lower than this range, principally due to the temperature sensitivity of Lycopene (the precursor to \( \beta \)-carotene and lutien).

Vitamin B crops are also temperature sensitive. Warm season crops (beans, tomatoes, peppers, melons etc) produce more vitamins at high temperature (27°C to 30°C) than at low (10°C to 15°C). Conversely, cool season crops (broccoli, cabbage, spinach, peas etc) produce more vitamins at low temperature than at high temperature.

Light intensity has little effect on the Vitamin B but as light intensity increases, synthesis of vitamin C increases and total carotenoids (vitamin A precursors) and chlorophyll decreases.

Processing and cooking methods can greatly affect the nutritional value of fruits and vegetables. Water-soluble vitamins such as vitamin C and folate are lost at high rates when cooking. While fat-soluble compounds such as lycopene may be stabilized or enhanced by cooking.
<table>
<thead>
<tr>
<th>Constituent</th>
<th>Sources</th>
<th>Pharmacological Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitamin C (Ascorbic acid)</td>
<td>Broccoli, cabbage, cantaloupe, citrus fruits, guava, kiwifruit, leafy greens, pepper, pineapple, potato, strawberry, tomato, watermelon</td>
<td>Helps prevent scurvy and cardiovascular disease; aids wound healing and immune system</td>
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<tr>
<td>Vitamin A (Carotenoids)</td>
<td>Dark-green vegetables (such as collards, spinach, and turnip greens), orange vegetables (such as carrots, pumpkin, and sweet potato), orange-flesh fruits (such as apricot, cantaloupe, mango, nectarine, orange, papaya, peach, persimmon and pineapple), tomato</td>
<td>Helps prevent night blindness, chronic fatigue, psoriasis, heart disease, stroke, and cataracts</td>
</tr>
<tr>
<td>Vitamin K</td>
<td>Nuts, lentils, green onions, crucifers (cabbage, broccoli, brussel sprouts, etc.) and leafy green vegetables</td>
<td>Aids synthesis of procoagulant factors; helps prevent osteoporosis</td>
</tr>
<tr>
<td>Vitamin E (Tocopherols)</td>
<td>Nuts (such as almonds, cashew nuts, filberts, macadamias, pecans, pistachios, peanuts, and walnuts), corn, dry beans, lentils and chickpeas, dark-green leafy vegetables</td>
<td>Helps prevent heart disease, LDL oxidation, cancer, and diabetes; aids immune system</td>
</tr>
<tr>
<td>Fiber</td>
<td>Most fresh fruits and vegetables, nuts, cooked dry beans and peas</td>
<td>Helps prevent diabetes and heart disease</td>
</tr>
<tr>
<td>Folate (Folicin or Folic acid)</td>
<td>Dark-green leafy vegetables (such as spinach, mustard greens, butterhead lettuce, broccoli, brussels sprouts, and okra), legumes (cooked dry beans, lentils, chickpeas, and green peas), asparagus</td>
<td>Helps prevent birth defects, cancer, and heart disease; aids nervous system</td>
</tr>
</tbody>
</table>
Modern day technological advancements are constantly occurring in every aspect of life. Cell phones, portable internet availability, laptop computers, iPod, mp3 players and many other devices, are everywhere. Certainly, these gadgets have changed the whole world yet there are some serious detrimental effects those are still to be taken care of. In one situations, use of Internet or iPods prevent sociability, albeit in other case they may be the cause of increased social activity by bringing people together.

Internet is the backbone for almost every technological advancement. It has opened many doors of positive opportunity for youngsters. Primarily, the internet makes sharing information fast and simple. Two decades back, who might have imagined that sending videos, pictures, papers, projects and a quantity of other things will require just a single click. Talking about another aspect, new generations are becoming more and more attached to the technology. Today, relationships are being built online or through phones. Keyboards and keypads are becoming the keys to our heart. It finally affects the social abilities of the youth. And we wonder why we have dysfunctional families and friend circles.

Statistics says that a non-internet user spend 12.6 more minutes on average doing social activities, such as parties, sporting events and person to person conversations. Internet users spend 34.3 minutes less than non-internet users with family and friends. Those who don’t switch off the computer or cell phone, switch off all personal relationships with family and friends.

There have also been controversial statements on whether or not technology is responsible for shaping attitude, values and patterns of social behaviors.

In short, technology is like an ocean and one should know how to use it for self benefits without getting drowned in it. Thence, there should exist proper guidance for appropriate use of technology (i.e. internet and phones) for youth.

Use Technology but don’t let technology use you!
Human body is unambiguously the most beautiful creation of nature. But for the sustenance of this body we are bound to have proper nutrition. God has made an invincible relationship between human being and food which is as old as the existence of mankind.

Usually, a question strikes my mind that if we are so interrelated with the food we eat, are there any similarities between the two? Science has an clear answer for this. Critical examination of food shows a sheer resemblance of it with some of our body parts.

If we examine our food critically, we can find sheer resemblance of it with some of our body parts.

Carrot and Eye: Cross sectional area of a carrot resembles our eye. Carrot is good for eyes as it is rich in Vitamin B1. Similarly, there are many such examples which carries a signature on it to state its peculiar usefulness. This beautiful phenomenon is known as “Doctrine of Signature.”

Pancreas and Sweet Potato: Sweet potatoes looks like pancreas and actually balances the glycemic index of diabetes. Similarly, our kidneys have a resemblance with beans, chambers of our heart have a resemblance with tomato, grapes and broccoli have a resemblance with the alveoli of lungs.

Another, resemblance is of highly traded natural product which is Ginseng. Its root looks similar to human body and it has usefulness for every body part.

This artistic science has been made so simplified that even a lay-man can get benefited through it.

Walnut and Brain : Walnut and our Brain have a structural resemblance and due to presence of high amount of DHA Walnut protects our brain and improve cognitive performance.
Dr. Shilpa Pahwa

SMOG

Although the term is derived from the words smoke and fog, the term was first used in 1905 by H.A. Des Voeux to describe atmospheric conditions over many British towns. It was popularized in 1911 by Des Voeux’s report to the Manchester Conference of the Smoke Abatement League regarding the smog deaths that occurred in Glasgow.

Smog is a mixture of pollutants but is primarily made up of ground level ozone. This ground level ozone is responsible for choking, coughing and stinging eyes.

Ground level ozone, $\text{SO}_2$, $\text{NO}_x$, $\text{CO}$ are especially harmful for people with heart and lung conditions such as emphysema, bronchitis and asthma. It can inflame breathing passages, decreasing the lung working capacity and causing shortness of breath, pain when inhaling deeply, wheezing and coughing.

Smog is produced through a complex set of photochemical reactions involving volatile organic compounds (VOC’s) and nitrogen oxides in the presence of sunlight. The basic precursors of smog in urban areas come from cars, buses, trucks etc.

She glanced outside at the sky filled with clouds and smog. All the pollution, all that hell – even the stars didn’t stand a chance.

Effects of smog on Newborns

- Risk of certain birth defects: Smog in the San Joaquin Valley area is linked to two types of tube defects: bifida and anencephaly
- Low Birth weight: even a very small (5μg) change was associated with an increase (18%) in risk of a low birth weight at delivery, and this relationship held even below the current accepted safe levels.
SULFUROUS SMOG

Photochemical smog, which is also known as “Los Angeles smog,” occurs most prominently in urban areas that have large numbers of automobiles and requires neither smoke nor fog. This type of smog has its origin in the nitrogen oxides and hydrocarbon vapours emitted by automobiles and other sources, which then undergo photochemical reactions in the lower atmosphere.

PHOTOCHEMICAL SMOG

Sulfurous smog, which is also called “London smog,” results from a high concentration of sulfur oxides in the air and is caused by the use of sulfur-bearing fossil fuels, particularly coal. This type of smog is aggravated by dampness and a high concentration of suspended particulate matter in the air.

How To Protect Yourself From Smog?

- Keep up to date with weather forecast.

  If the air quality forecast is poor, avoid the affected areas. Try to stay indoors and keep windows closed.

- Avoid exercising in smoggy conditions, particularly at mid day when ground ozone levels are at their highest.

- Try to change the exercise timings to early morning or evening or exercise inside.

- If suffering from respiratory conditions, and need to travel on smoggy days, avoid congested areas.

- Airports, Seaports and Industrial areas tend to have high levels of pollutants so avoid these too.

- If walking or cycling to work, plan a route that avoids areas that are built up or congested and wear face masks.
Music is an universal language that has ability to connect people. It is a rhythmic flow of love with a power to reach the hearts of every young, adult and even old population.

It helps the people to escape from the reality of the world and connect with their own selves. It not only changes the mood but also changes our thinking attitude. It has been scientifically found that music has direct relationship with our feelings. Different ‘Ragas’ are related to the different feeling of every individual such as

Jaitsree– Stability
Aasa– Hope
Kedara– Love
Basant– Happiness
Maaru– Strength and bravery

In Short, Music is a medicine that prevent millions of people to suffer from diseases

SUPERBUG: New Delhi Metallo-Beta-Lactamase (NDM)

A US woman who was in 70’s Succumbed to death due to an infection that occurred during her treatment for fractured leg bones and was resistant to all available antibiotics. The woman died in Navada, New Delhi and her tests confirmed the presence of enzyme ‘New Delhi metallo-beta lactamase (NDM)’ which is produced by a rare bacteria and they became popular as SUPERBUG. Klebsiella pneumoniae is one organism which produce this enzyme.

The regulatory agencies like WHO described it as an threat to human health and researchers are working day and night to find a solution to combat this issue.
Misconceptions of Pharmacy profession
Naveda Praveen

There exist numerous misconceptions about pharmacy profession in the society. The biggest of them all is that the pharmacist’s only job is to count pills. In addition to this, pharmacist cant do patient care, pharmacist can only take orders from a doctor, pharmacist’s can be replaced by machines are some of the other commonly heard misconceptions about this profession. Courses of Pharmacy profession are almost equivalent to that of physician’s, the variation in the courses is only for the final specialized role that they have to play.

Pharmacists are known as jack of all trades. Pharmacists have a role everywhere in the society such as in Industrial research, Regulatory, Production, Quality Control, Academics, Cosmetics, Biological areas, Defence areas (DRDO) etc.,

In most of the western countries, pharmacist has an equal respect and power as of physician. No medicine can be dispensed without the presence of a pharmacist. There is a need to develop such a culture in India which will indeed help the patients.

No doctor has time to counsel the patient, and pharmacist is the only hope left for the patients so that there queries are taken care off.

Winners Vs Losers
Swati Kumari and Sakshi Sharma

Winners give their best
Losers believe in rest
Winners says “let me do it for you”
Losers says “Its not my job”
Winners make commitments
Losers make promises
Winners make it happen
Losers let it happen
Winners create opportunities
Losers wait for opportunities
Winners live in teams
Losers live in dreams
SECTION — 2 PHARMA UPDATES

TOP Aquisitions and Mergers in 2016

ABBOTT-ALERE, $5.8bn
Abbott agreed to buy Alere Inc. for $5.8bn to become the lead holder in the market for medical tests and diagnostics.

MYLAN-MEDA, $7.2bn
Mylan takeover a Swedish drug maker, Meda for $7.2bn. This deal boosted Mylan’s range of branded and generic medications and gave it an additional leg-up in the area of over-the-counter medications.

SHIRE-BAXALTA, $32bn
In January 2016 Shire finally closed a deal to acquire Baxalta for $32bn. Shire stated that the new firm would be able to achieve double-digit sales growth to over $20bn by 2020.

QUINTILES-IMS, $8.8bn
IMS Health holding Inc. USA and Quintiles Transnationa Holdings Inc. USA IMS Health Holdings continues to seek opportunities to strengthen its foothold in data analytics, data management and informatics. The deals totaled approximately $8.8bn.

NOVAL DRUG APPROVAL BY FDA—2016

Briviact (Brivaracetam)
Zepatier (Elbasvir +Grazoprevir)
Eucrisa (Crisaborole)
Rubraca (Rucaparib)
Lartruvo (Olaratumab)
Zinplava (Bezlotoxumab)
Exondys 51 (Eteplirsen)
Xiidra (Lihtigrast ophthalmic solution)
Adlyxin (Lixisenatide)
NETSPOT (Gallium Ga 68 dotatate) Eplusa (Sofosbuvir + Velpatasvir)
Zinbryta (Daclizumab)
Ocaliva (Obeticholic acid)
Axumin (Fluciclovine F18)

January to December 2016

M. PHARM ADMISSION CRITERIA FOR GRADUATES (AKTU)

AKTU released new guidelines for admission of M. Pharm. in June 2016. 
First: Only GPAT qualified students can take admission in AKTU affiliated colleges.
Second: This two year course must be covered as a regular course i.e., student should not be working in any other firm in these two years.

FDA updates warnings for oral and injectable fluoroquinolone antibiotics due to disabling side effects

The U.S. Food and Drug Administration today approved safety labeling changes for a class of antibiotics, called fluoroquinolones, to enhance warnings about their association with disabling and potentially permanent side effects and to limit their use in patients with less serious bacterial infections.

An FDA safety review found that both oral and injectable fluoroquinolones are associated with disabling side effects involving tendons, muscles, joints, nerves and the central nervous system.

FDA has determined that fluoroquinolones should be reserved for use in patients with these conditions who have no alternative treatment options. For some serious bacterial infections, including anthrax, plague bacterial pneumonia among others, the benefits of fluoroquinolones outweigh the risks and it is appropriate for them to remain available as a therapeutic option.

FDA-approved fluoroquinolones include levofloxacin (Levaquin), ciprofloxacin (Cipro) and its extended release tablets, moxifloxacin (Avelox), ofloxacin gemifloxacin (Factive).

First absorbable stent for coronary artery disease

The U.S. Food and Drug Administration approved the first fully absorbable stent to treat coronary artery disease. The Absorb GT1 Bioresorbable Vascular Scaffold System (BVS), which releases the drug everolimus to limit the growth of scar tissue, is gradually absorbed by the body in approximately three years.

“The FDA’s approval of the Absorb GT1 BVS offers a new treatment option for individuals who are candidates for angioplasty, but would prefer an absorbable device rather than a permanent metallic coronary stent,” said Bram Zuckerman, M.D., director of the division of cardiovascular devices at the FDA’s Center for Devices and Radiological Health.

• The Absorb GT1 BVS is manufactured from a biodegradable polymer called poly(L-lactide), which is similar to materials used in other types of absorbable medical devices, such as sutures.

Guidelines for Opening of New Pradhan Mantri Bhartiya Janaushadhi Kendra (PMBJK)

1. Pradhan Mantri Bhartiya Janaushadhi Pariyojana– GENESIS

The branded (Generic) medicines are sold at significantly higher prices than their unbranded generic equivalents, though are identical in the therapeutic value. Given the widespread poverty across the country, making available reasonably priced quality generic medicines in the market would benefit everyone. With this objective, the Pharma Advisory Forum in its meeting held on 23rd April, 2008, decided to launch the Jan Aushadhi Campaign - starting with the sale of generic medicines through dedicated sales outlets called Pradhan Mantri Bhartiya Janaushadhi Kendra in various districts of the country. It is proposed that at least one PMBJK will be opened in each of the 630 districts.

2. Eligibility Criteria to open Pradhan Mantri Bhartiya Janaushadhi Kendra

Individual applicants other than doctors and registered medical practitioners, should mandatorily be persons having B. Pharma and D. Pharma Degrees. Any organization applying for a PMBJK will have to employ B. Pharma / D. Pharma degree holders and produce proof of the same at the time of submitting applications. In Government hospital premises including medical colleges, the preferred agency would be reputed NGOs/Charitable organizations but individuals would also be eligible.

3. Margins and Incentives

A. Operating agency will be provided 20% margin on MRP (Excluding taxes) of each drug.

B. PMBJK run by private entrepreneurs/pharmacists/NGOs / NGOs & Charitable organizations that are linked with BPPI headquarters through internet (using BPPI provided software) will get incentive upto 2.5 lakhs. This will be given @ 15% of monthly sales subject to a ceiling of Rs 10,000/ per month upto total limit of 2.5 lakhs. In NE states, and naxal affected areas, tribal areas, the rate of incentive will be 15% and subject to monthly ceiling of Rs. 15,000/- upto total limit of 2.5 lakhs.

4. Requirements for applying for opening new PMBJK

(I) Own space or hired space (Minimum 120 sq feet) duly supported by proper lease agreement or space allotment letter. Applicant will arrange the space for running the Jan Aushadhi Generic Drug Store & BPPI will have no role for arranging space.

(ii) Proof of securing a pharmacist with name, Registration with the State Council etc. (or it can be submitted at the time of final approval of JAS).
MEGA PHARMA
JOB FEST - 2016

In April 2016, Lloyd School of Pharmacy organized first ever placement activity in Delhi NCR region. The aim of this huge placement drive was to boost the morale and confidence of Pharmacy graduates and post-graduates.

This mega job fest was witnessed by around 820 participating students from 81 Pharmacy colleges.

28 Pharma companies participated to hire fresh, determined and passionate minds.

The job profiles offered were Pharmaceutical Manufacturing & Production, Quality Control & Quality Assurance, Research & Development, Sales & Marketing, Hospital Pharmacists in Drugs & Pharmaceutical, Cosmetics, Medical Devices and FMCG segments. The inauguration ceremony was attended by Dr. G. N. Singh (Drug Controller General of India), Mr. S. L. Nasa (Registrar, Delhi Pharmacy Council), Mr. Atul Kr Nasa (Licensing Authority and Assistant Drug Controller), Mr. P. K. Jaggi, Mr. P. P. Sharma, Mr. Arun Garg amongst others.

Dr. G. N. Singh encouraged the companies to be lenient with the candidates and to recruit them in maximum numbers.

He congratulated and appreciated Lloyd’s management for doing a noble cause. He also handed over a certificate of participation to officials of all the companies and interacted at length with them. More than 100 students got benefited from this drive.
Fresher’s Party - 2016

Fashion walk by first year student during Freshers party 2016

Mr. Fresher - Sachin Sardana and Miss Fresher - Anajali Tomar shinning bright with other runner ups

Group Photo of new batch with all faculty members - Fresher’s Party 2016
Lloyd School of Pharmacy organized a national conference on “Industry expectations from Academia”. The conference aimed to bridge the gap between industry and academia. Conference constituted two different sessions: first was brainstorming interactive session with various eminent personalities from regulatory, industry and academia and second post lunch session was poster presentation competition. It was an ideal platform for students to gather together under one roof with the eminent dignitaries from CDSCO, IPC, PCI, Jubilant, Panacea Biotec, BELCO Pharma, Arbro Pharmaceuticals Pvt. Ltd., Nutrilife, Sesderma India Pvt. Ltd., Zydus Cadila Healthcare Ltd., Pharma PMT. The students interacted with the dignitaries to understand the need of industry and different job opportunities which a pharma graduate/postgraduate can avail as a profession. The grand event was organized under the mentorship and guidance of Dr. G. N. Singh (Drug Controller General of India) and Mr. S. L. Nasa (Registrar, Delhi Pharmacy council).

The Chief Guest, Dr. V.G. Somani (Joint DCGI) gave emphasis on training of students apart from their syllabus. Dr. R. K. Goyal (Vice-Chancellor, DIPSRU) spoke on continuous growth of Pharmaceutical industry. He said every B. Pharm. graduate is surely a “jack of all trades” but should at least be a master of one.

Dr. Atul Nasa (Asst. Drug Controller, CDSCO) mentioned that even drug addiction is related to pharmacies. Dr. Nasa emphasized that a pharmacist should not sell his/her license for money as this becomes an unintentional malice for society.
Dr. Kamla Pathak (Professor, Pharmacy college Safai) focused on the feedback loop that industries should develop with academia, so that academia is clear with the current need of industry. She also said that academic research is more innovation oriented and industrial research is more application oriented. Hence, a way should be found to make a link between the two.

Mr. B. Datwani (owner Pharma PMT), Mr. Rajiv Gulati (ex. President, Ranbaxy), Mr. Rajiv Duggal (Country Director Sesderma India Pvt. Ltd.), Mr. Vinod Chabra (Director, Arbro Pharmaceuticals Pvt. Ltd.), Dr. Jai Prakash (Sr. Principal Scientific Officer, IPC) shared their experiences and answered the queries of many delegates.

Around 70 graduate and undergraduate students sent their abstracts for poster presentation. The titles of the abstract were from research, industrial practices, nano-technology, biotechnology and on newer technological advancements such as biomarkers, QbD, DMPK etc. Best three posters were awarded. First prize was given to Pooja Jain, she presented a poster on “New therapeutic system for periodontitis”, second prize was given to Vaishali for presenting “Gene silencing by RNAi technology”, third prize was shared by Rama Tyagi and Jyoti for presenting “Microwave assisted green synthesis of nano particles” and “Biomarker” respectively.

Certificates were given to all the participants of poster presentation.

The memorable event ended with a group photo covering dignitaries, faculty and participating students.
Celebrating Pharmacist Day: September 25, 2016

Team of students preparing posters

Students Presenting posters on Pharmacist Day

Student participating in Debate competition

Group discussion among student’s of B. Pharm
Dr. Vandana (Director, Lloyd) motivating both teams before the inter department cricket tournament

Girls long Jump event

Girls competing in 100m race on sports day

Winning pose by champion team with the trophy

Students in action during Volleyball Match
Orientation Day 2016-17

Dr. S.L. Nasa addressing the new batch 2016

First year students with Dr. Nasa (Registrar, Delhi Pharmacy Council) during lab coat ceremony with Mr. Manohar Thirani and Dr. Vandana Arora

Group photo of students of new batch (2016-2020) with Dr. Nasa and Lloyd Family - Orientation Day
Lloyd celebrated “Annual Sports fest” on 8th and 9th March 2017 with honorable Mr. N.P. Singh (District Magistrate, G. B. Nagar) as the chief guest. Students participated with complete zest and enthusiasm.
REGISTRATIONS OPEN
For all Pharmacy Graduates / Post Graduates to the GRANDEST JOB FEST of Pharmacy

LLOYD'S PHARMA JOB FEST 2017
on Saturday, 15th April 2017

<table>
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<tr>
<th>D. PHARM</th>
<th>B. PHARM</th>
<th>M. PHARM</th>
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<td>Freshers’ and Experienced candidates</td>
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More then 30 Pharmaceutical companies* from various departments participating to select the right candidates in areas of:

* Pharmaceutical Manufacturing
* Drug Regulatory Affairs
* Sales & Marketing
* Hospitals Pharmacists
* Quality Assurance / Control
* Medical Writing
* Product Development

LLOYD INSTITUTE OF MANAGEMENT & TECHNOLOGY
Plot No. 11, Knowledge Park - 2, Greater Noida

In association with:
INDIAN PHARMACY GRADUATES' ASSOCIATION (IPGA)

For any enquiries, Please call: Dr. Shilpa Pahwa at 9810342725 or Koushal Dhamija at 9250449114

Patron: Manohar Thairani (President, Lloyd)
Co-ordinator: Dr. Vandana Arora Sethi (9873250790)
EXCLUSIVE GPAT CLASSES AT LLOYD

GPAT is an common entrance exam for B. Pharm. graduate students who aim to pursue Masters course in pharmacy. Students clearing this exam become eligible for a monthly scholarship of Rs12,400 for two years.

To make the students competent for this exam, exclusive classes for the preparation of GPAT are imparted to the students at LLOYD campus.

RESEARCH & PUBLICATIONS

- **Pharmaceutics**
  - Drug targeting
  - Sustained drug delivery
  - Solubility enhancement techniques

- **Quality Assurance**
  - Analytical and Bioanalytical method development
  - Impurity profiling
  - QbD and DoE Approach in Analysis
  - Metabolite studies

- **In-silico**
  - QSAR studies on glutaminylcyclase inhibitory activity of imidazoles
  - 3D QSAR studies on isocytocine derivatives

- **Synthesis and Isolation**
  - Isolation of coumarin compound from the bark of Bauhinia purpurea
  - Microwave-assisted efficient synthesis of quinoxaline derivatives

Natural products: 24
Pharmaceutics: 35
Chemistry & Quality Assurance: 43
## Meritorious students

### B.Pharm

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<td>Topper</td>
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<td>Rahul Kaushik</td>
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<td>Vinay Kumar Gupta</td>
<td>Priya Bansal</td>
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<td>Topper</td>
<td>Preeti</td>
<td>Fateh Abbas</td>
<td>Grijesh Shukla</td>
<td>Devesh Aggarwal</td>
</tr>
</tbody>
</table>

### B. Pharm 1st year Rank Holders (2016-17)

- Aakanksha Rawat 87%
- Priyanka Dua 86%
- Tanya Bansal 85%

### B. Pharm 2nd year Rank Holders (2016-17)

- Nilay Kumar Nandi 88%
- Leeza Messi 87%
- Meenakshi 85%

### B. Pharm 3rd year Rank Holders (2016-17)

- (University Topper) Christina 90%
- (University Topper) Jagriti 85%
- Naveda 84%

### B. Pharm 4th year Rank Holders (2016-17)

- Kanika 86%
- Pushpender 85.9%
- Jasmeet 85.5%
PLACE OF LIGHT, OF LIBERTY, AND OF LEARNING