

## LLOYD INSTITUTE OF MANAGEMENT & TECHNOLOGY

Plot No.-11, Knowledge Park-II, Greater Noida, Uttar Pradesh-201306

### REPORT 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 06<sup>th</sup> 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.



### WEBINAR 4.0

— “ —  
*Ignorance of Pharmacy and Therapeutics  
Committee in Hospitals in the  
Management of COVID 19: A Possible  
cause of Rampant Deaths*  
” —

**Resource Person :**  
**Prof. Ramesh K. Goyal**  
Hon'ble Vice Chancellor,  
DPSRU, New Delhi



**LIVE ON** **Saturday, 6th June 2020** **4:00 pm**

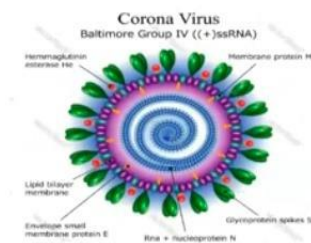
[www.lloydpharmacy.edu.in](http://www.lloydpharmacy.edu.in)

The **purpose of Webinar-4.0** was to explore the present and the future role of pharmacists, not only in manufacturing, quality control and dispensing of medicines and medical devices but also ensuring better patient care and safe and efficacious use of medicines, by being a part of the Healthcare team.

**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.

**Prof. Goyal** began his discussion with a brief description of deadly face of Covid-19 elaborating the great loss to human life caused by it till date and fear of figures still exploding in near future. He stated that pharmacy is just not about drugs it covers the entire health care. The pharmacists have given to the society drugs as well as other popular products like coca cola, pepsi and ginger ale. During the Covid times also they have a lot to contribute in terms of drug discovery, diagnostic kits, vaccine discovery, repurposing of drug, patient counseling, social awareness on the disease, understanding and helping the doctors in selection and rationale use of drugs particularly in treatment of comorbid conditions. Besides he said that there is tremendous scope in the bio similar markets and medical devices. Solution to corona will also come through Pharmacists only be it a vaccine, drug or diagnostics.

## **Ignorance of Pharmacy & Therapeutic Committee Hospitals in the Management of COVID 19: A possible cause of Rampant deaths**



**Prof. Ramesh K. Goyal, Ph.D.**  
FIC, FICN, FIPS, FAMS, FIACS, FNASc, FSCH, FSIVPT  
(Former Vice Chancellor, The M. S. University of Baroda)

**Vice Chancellor**

**Delhi Pharmaceutical Sciences & Research University**

zoom

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.

**WEBINAR 4.0**  
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**Delhi Pharmaceutical Science and Research University (DPSRU)**  
DPSRU

**“IGNORANCE OF PHARMACY AND THERAPEUTICS COMMITTEE IN HOSPITALS IN THE MANAGEMENT OF COVID-19: A POSSIBLE CAUSE OF RAMPANT DEATHS”**

**Prof. Ramesh K. Goyal,**  
Hon'ble Vice Chancellor  
DPSRU, New Delhi.

**Global MDx Market Size**

Year	Market Size (USD)
2012	14.4
2013	16.9
2014	19.3
2015	21.7
2016	24.1
2017	26.5
2018	28.9
2019	31.3
2020	33.7
2021	36.1
2022	38.5
2023	40.9
2024	43.3
2025	45.7
2026	48.1
2027	50.5
2028	52.9
2029	55.3
2030	57.7

**Global MDx Market (2023)**

Segment	Market Size (USD)
Genomics	12.4%
Immunology	12.4%
Microbiology	12.4%
Cardiology	12.4%
Neurology	12.4%
Other	12.4%

**Genomics Segment**

Year	Market Size (USD)
2012	1.2
2013	1.5
2014	1.8
2015	2.1
2016	2.4
2017	2.7
2018	3.0
2019	3.3
2020	3.6
2021	3.9
2022	4.2
2023	4.5
2024	4.8
2025	5.1
2026	5.4
2027	5.7
2028	6.0
2029	6.3
2030	6.6

**Molecular IVD Market**

Year	Market Size (USD)
2012	1.2
2013	1.5
2014	1.8
2015	2.1
2016	2.4
2017	2.7
2018	3.0
2019	3.3
2020	3.6
2021	3.9
2022	4.2
2023	4.5
2024	4.8
2025	5.1
2026	5.4
2027	5.7
2028	6.0
2029	6.3
2030	6.6

**Estimated Biosimilars Market (in millions USD)**

Year	Market Size (Millions USD)
2012	1000
2013	1500
2014	2000
2015	2500
2016	3000
2017	3500
2018	4000
2019	4500
2020	5000
2021	5500
2022	6000
2023	6500
2024	7000
2025	7500
2026	8000
2027	8500
2028	9000
2029	9500
2030	10000

**Biopharma leads the way**

**Composition of Indian Biotech Sector**

Segment	Market Size (USD)
Bio-Pharma	64%
Bio-Service	28%
Bio-Agri	14%
Biotech	5%

The global biosimilars market contributed an overall revenue of \$27.9 billion in 2014 and is forecast to generate an approximate revenue of \$263 billion by 2020, growing at a CAGR of 48.1% from 2015 to 2020, according to Global Market Research.

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 session was concluded with a series of interesting questions from audience. The discussion was summed up by the moderator for the session **Dr. Chitra Gupta**, who concluded that Pharmacists are an important link in the healthcare system and are inseparable. Together with the frontline healthcare workers and doctors they can help in achieving good health for all. Their role becomes all the more significant in situations like pandemic, Covid-19, in terms of ensuring drug safety, constant surveillance and Pharmacovigilance. In hospital settings the PTC as an advisory board needs to provide the necessary drug information to the doctors and at the same time analyse the risk benefit ratio of a particular drug. Clinical pharmacists together with doctors can create an ecosystem for a healthy society. In nut shell **“Expanding the role of pharmacists in patient care and hospitals can ensure a better healthcare system”**.

All together the event was a grand success as could be understood from the feedback, messages, mails received and chats during the session.

## चिकित्सक, नर्स व रोगियों के हित के लिए काम करना होगा : गोयल

ग्रेटर नोएडा, 6 जून (देशबन्धु)। लायड ग्रुप ऑफ इंस्टीट्यूशंस के ग्रुप डायरेक्टर डॉ. वंदना अरोड़ा सेठी के मार्गदर्शन में लायड ग्रुप ऑफ इंस्टीट्यूशंस (फार्मेसी) के ग्रुप डायरेक्टर ने चौथा वेबिनार आयोजित किया। जिसका विषय अस्पतालों में फार्मेसी और चिकित्सा विज्ञान समिति की अज्ञानता पर कोविड-19 का प्रबंधन अकाल मृत्यु के संभावित कारण था।

प्रो. रमेश के गोयल, कुलपति, डीपीएसआरयू, नई दिल्ली, ने सत्र की शुरुआत एक ऐसे प्रश्न पर जोर देकर की गई थी जो कोरोना स्थिति के वर्तमान युग में काफी सामान्य है, जिसे हम फार्मेसी की भूमिका के बारे में समझते हैं। उन्होंने बताया कि कैसे फार्मेसी पूरे स्वास्थ्य देखभाल, कुछ दिलचस्प फार्मेसी तथ्यों को शामिल करती है, कोरोना और उसके परीक्षण की विशेषता के विषय को बहुत अच्छी तरह से एक साथ रखा गया था, जहां उन्होंने



एसएआरएस कोरोना संक्रमण की गतिशीलता पर कुछ प्रकाश डाला और इस अवधि से परे एंटीबायोटि प्रोफाइल को कैसे निर्धारित किया जाए।

उन्होंने अस्पतालों में फार्मासिस्ट की भूमिका के बारे में बात की। सत्र के अंतिम मिनट आयुर्वेद और कोरोना के लिए इसके उपचार पर दिए गए थे। गोयल ने बताया कि हम सभी को एक साथ काम करना है और डॉक्टरों और नर्सों के साथ रहना है। अधिकार, प्रतिष्ठा या मान्यता की बहस न करें, इसके बजाय रोगी के अधिकारों के लिए काम करें, काम द्वारा अच्छी व्यावसायिक सुरक्षित मान्यता की प्रतिष्ठा अर्जित करें।