



G.H.G. KHALSA COLLEGE OF PHARMACY, GURUSER SADHAR
{ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA)}



IN COLLABORATION WITH
APTI WOMEN FORUM - PUNJAB STATE BRANCH
IS ORGANISING



Faculty Development Program On

EXPLORING MULTIDISCIPLINARY AVENUES IN PHARMACEUTICAL EDUCATION AND RESEARCH

MODE
=
ONLINE

8th-20th August, 2022

 **Whatsapp Group Link** <https://chat.whatsapp.com>

 **Registration Link** <https://forms.gle/z6nXy9sTM9JyEpCM8>

Who can join

Faculty and researchers working in the field of pharmaceutical sciences.

About College

Established in 1984, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar is at present imparting instructions at Diploma in Pharmacy, Under graduate & Post Graduate level (Pharmaceutics, Pharmaceutical Chemistry, Pharmacology & Pharmacognosy). With scientific bend of mind the institute encourages the students and faculty for research activities and has dedicated sophisticated instrument facilities for the same.



Objective of Faculty Development Program

Faculty enrichment is highly important to ensure faculty competency through structured training which helps the faculty to keep them updated in cutting edge technologies and enables them to be effective in classroom teaching and mentoring students in projects and internships.



Zoom Meeting Link

<https://us02web.zoom.us/j/8457240874?>
Meeting ID: 845 724 0874
Passcode: 12345

➤ **REGISTRATION FEES- ₹500/-**



Payment Details

Account Number: 018701000021090
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Organising Team

Chief Patron

S. Manjit Singh Gill

President, Governing Council of GHG Khalsa Colleges

Co- Patron

Dr SS Thind

Secretary, Governing Council of GHG Khalsa Colleges

President, APTI - Punjab State Branch

Dr Gulshan Bansal

Professor and Head, Punjabi University, Patiala

Convenor, APTI Women Forum - Punjab State Branch

Dr Satvinder Kaur

Principal, GHG Khalsa College of Pharmacy Gurusar Sadhar

Co-convenor, APTI Women Forum - Punjab State Branch

Dr Gurpreet Kaur

Professor and Dean, Punjabi University, Patiala

Dr Pooja Chawla

Professor and Head, Department of Pharmaceutical Chemistry, ISF College of Pharmacy, Moga

President, APTI - National

Dr Milind Janrao Umekar

Principal & Professor, Smt. Kishoritai Bhojar College of Pharmacy, Nagpur, Maharashtra

Vice President, APTI - Northern Region

Dr Rohit Dutt

Dean, School of Medical and Allied Sciences, GD Goenka University, Sohna Haryana

Convenor, APTI Women Forum - National

Prof. Vandana B. Patravale

Institute of Chemical Technology, Mumbai

Local Organising Team

Dr Anuja Chopra

9501944977

Dr Parneet Kaur Deol

9876443050

Dr Sonia Singla

9463313786

Ms. Navpreet Kaur

Ms. Arvinder Kaur

Student Co-ordinator

Arman Khan, M. Pharm 9592816552



SPEAKERS



Dr Atul Nasa

Head of Office, Controlling & Licensing Authority,
Drugs Control Department
New Delhi, Delhi, India



Dr SK Sharma

Chairman, Scientific Panel on Nutraceuticals & Health
Supplements, FSSAI, Ministry of Health & F.W., Govt. of India.
Former Advisor Ayurveda, Ministry of AYUSH, G.O.I., New Delhi.



Dr. Milind Janrao Umekar

Principal & Professor, Smt. Kishorlata Bhojar
College of Pharmacy, Nagpur, Maharashtra



Prof. V.K. Kapoor

Professor Adjunct, G.H.G. Khalsa College of
Pharmacy Gurusar Sadhar
Ex-Dean and Chairperson, UIPS, Panjab University
Chandigarh



Prof. Vandana B. Patravale

Institute of Chemical Technology, Mumbai



Dr Sunita Garg

Former Emeritus Scientist, Chief Scientist (Scientist G)
Head, The Wealth of India, Raw Materials Herbarium & Museum DELHI (RHM),
Sales and Marketing, &
Editor, Indian Journal of Natural Products and Resources and Natural Products
and Resources Repository, CSIR-NISCAIR (New Delhi), New Delhi-110012



Prof. Maninder Karan

University Institute of Pharmaceutical Sciences,
Panjab University Chandigarh



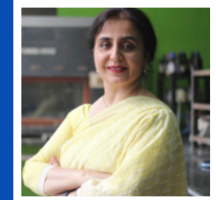
Prof. Poonam Piplani

University Institute of Pharmaceutical
Sciences, Panjab University Chandigarh



Dr R K Goel

Professor, Department of Pharmaceutical Sciences and
Drug Research Director, IQAC Panjab University



Dr Monika Gulati

Registrar and Executive Dean, Lovely Professional
University, Phagwara, Punjab



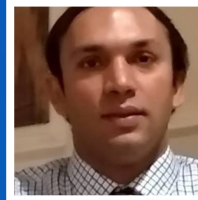
Dr Neeraj Mohindroo

Professor & Dean Faculty of Pharmacy, Dr. Vishwanath
Karad MIT-World Peace University, Kotherud, Pune



Dr Neelam Singla

Director, Accura Research Chemicals, IICT
Hyderabad



Dr Subheet Kumar Jain

Professor, Department of Pharmaceutical Sciences
Coordinator, Centre for Basic and Translational Research in
Health Sciences, Guru Nanak Dev University, Amritsar,
Punjab



Prof. Parveen Bansal

Joint Director, University Center of Excellence in
Research, Baba Farid University of Health Sciences,
Faridkot-151203 (Punjab)- India



Prof. Richa Shri

Professor, Dept of Pharmaceutical Sciences and
Drug Research, Punjabi University Patiala



Dr Kanthi Kiran

Scientist E, National Agri-Food biotechnology
Institute, Mohali, Punjab



Dr Ravindra K. Rawal

Principal Scientist, CSIR-North East Institute of
Science and Technology, Jorhat-785006, Assam



Dr Manjinder Gill

Assistant Professor, National Institute of
Pharmaceutical Education and Research
(NIPER), SAS Nagar, Mohali, Punjab



Dr Gulshan Bansal

Professor and Head,
Punjab University Patiala



Dr Randhir Dhayia

Associate Professor at Central University of
Punjab, Bathinda.



Dr Damanpreet Singh

Senior Scientist, IHBT, Palampur



Dr Vinod Tiwari

Assistant Professor,
Indian Institute of Technology (Banaras Hindu
University), Varanasi, U.P.



Dr Kaiser Raza

Assistant Professor, Department of Pharmacy,
Central University of Rajasthan, Ajmer



Dr Harinder Singh

Principal Scientist, Bright Lifecare Pvt. Ltd.
(Healthkart), Gurgaon



Dr Viney Chawla

Principal, University Institute of Pharmaceutical Sciences
and Research, Baba Farid University of Health Sciences,
Faridkot



Ms. Bhawna Mittal

IP Manager, Technology Transfer Office, Biotech
Consortium India Limited, New Delhi



Mr. Yatindra Nath Yadav

Neotel System and Services, Chandigarh

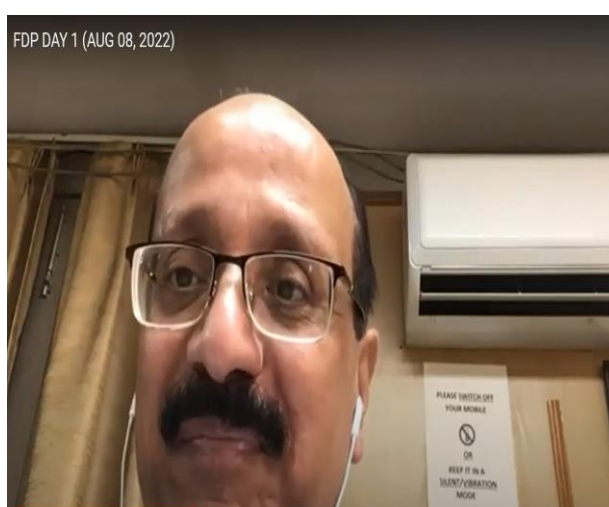


The G. H. G Khalsa College of Pharmacy, Gurusar Sadhar has organized Faculty Development Program entitled “Exploring Multidisciplinary Avenues in Pharmaceutical Education and Research from 8th to 20th August, 2022 in collaboration with APTI women forum, Punjab state branch.

The FDP was organized and aimed to enhance the teaching and research orientation of the faculty members from various colleges/ Institutes/ Universities belong to broad disciplines Pharmaceutical Sciences and Health and social science. The main objective of FDP was to attain in-depth knowledge and understanding of elements of good research, qualitative and quantitative data analysis, their tools and techniques.

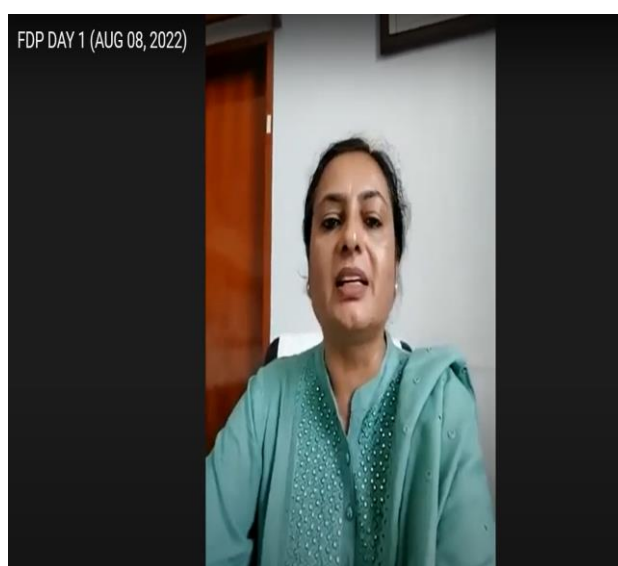
This FDP program was attended by more than 100 participants. Attendees included research scholars and academicians from varied background. While designing the structure of the program, it was kept in mind that there are people from various pharmaceutical background, so the purpose of multidisciplinary avenues was solved.

Day one-The day one dated 8th Aug, 2022 commenced with recitation of shabad “Deh Shiva bar mohe ehe, Shubh Karman te kabhoon na taro” followed by welcome address given by Prof. Gulshan Bansal, president APTI, Punjab State branch Professor & Head Department of Pharmaceutical Sciences & Drug Research, Punjabi University Patiala.



Worthy Chief guest for the day Dr. Atul Nasa, Head of Office Controlling & Licensing Authority, Drugs Control Department, New Delhi address the audience with his valuable knowledge.

The guest of honor Dr. Milind Janrao Umekar, President APTI (National) Principal & Professor Smt. Kishoritai Bhojar College of Pharmacy, Nagpur Maharashtra, also enlighten the participants with importance of multidisciplinary approach in our profession.



Vote of thanks was given by Prof. Satvinder Kaur, Professor & Principal G.H.G. Khalsa College of Pharmacy Gurusar Sadhar, Ludhiana and Convenor APTI Women Forum Punjab State Branch.

Prof. Parveen Bansal, Joint Director University Center of Excellence in Research Baba Farid University of Health Sciences, Faridkot was the first speaker of the day, he spoke on the topic “**Integration of Ayurveda theories for Pharmaceutical Research**”.

**Integration of Ayurveda theories for
Pharmaceutical research**



Dr. Parveen Bansal
Ph.D., D. Pharm., FAMS, FRSM, FICA(USA)
WHO Fellow,
Fellow of National Academy of Medical Sciences.
Member 23rd Indian Scientific Expedition to Antarctica
Joint Director
Baba Farid University of Health Sciences, Faridkot
(An autonomous body under Govt. of Punjab)



Dr. V.K. Kapoor, Professor Adjunct, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana and Former Dean and Chairperson UIPS, Panjab University, Chandigarh has given the formal address.

Prof. Gulshan Bansal, president APTI, Punjab State branch Professor & Head Department of Pharmaceutical Sciences & Drug Research, Punjabi University Patiala, the second speaker of the day enlightened the delegates on “**Herbal Products Shelf Life: Lacunae and Avenues**”

FDP DAY 1 (AUG 08, 2022)

**Herbal Products Shelf Life:
Lacunae and Avenues**

Dr. Gulshan Kumar Bansal
Professor
Department of Pharmaceutical Sciences and Drug Research

Day two- Day two was initiated with welcome note by Prof. Satvinder Kaur, Professor & Principal G.H.G. Khalsa College of Pharmacy Gurusar Sadhar, Ludhiana and Convenor APTI Women Forum Punjab State Branch. After the welcome note, formal address was given by Prof. R.K Goel, Professor and Ex-dean, Department of Pharmaceutical Sciences and Drug Research, Director-Department of Pharmaceutical Sciences and Drug Research IQAC Punjabi University. Prof. Goel emphasized on importance of multidisciplinary collaboration.

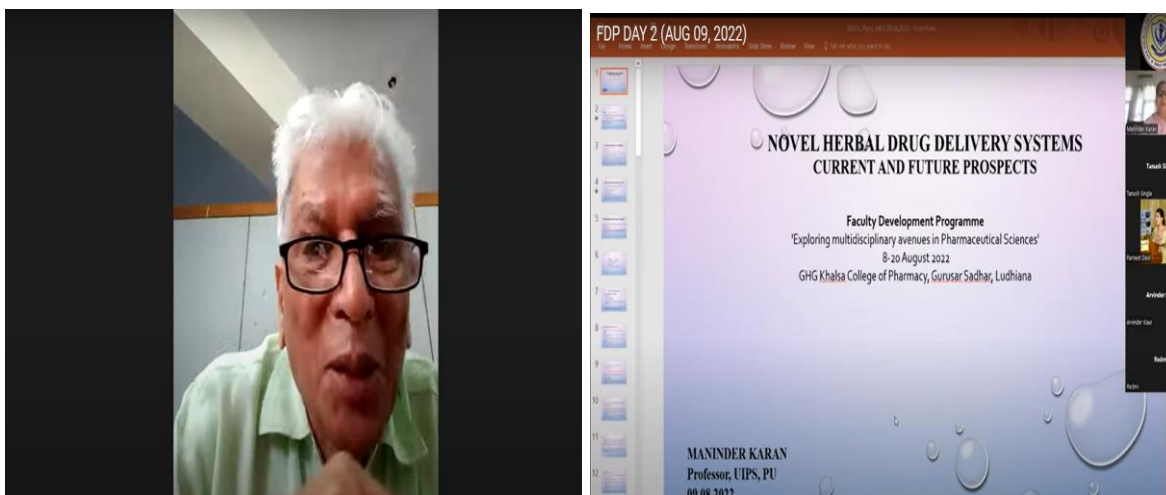
FDP DAY 2 (AUG 09, 2022)

Integrative Multi-Omics Network Approaches for Target Identification in Chronic Noncommunicable Diseases: A Special Reference to Epilepsy

Dr. Damanpreet Singh
Senior Scientist
CSIR-Institute of Himalayan Bioresource Technology, Palampur, H.P.

First speaker of the day was Dr. Damanpreet Singh, Senior Scientist IHBT, Palampur addressed the audience on “**Integrative Multi-Omics Network Approaches for Target Identification in Chronic Noncommunicable Diseases: A Special Reference to Epilepsy**”. His talk was very informative and interesting. Dr. Daman has highlighted various approaches to combat with epilepsy.

Formal address for the day was given by Dr. V.K. Kapoor, Professor Adjunct, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana and Former Dean and Chairperson UIPS, Panjab University, Chandigarh.

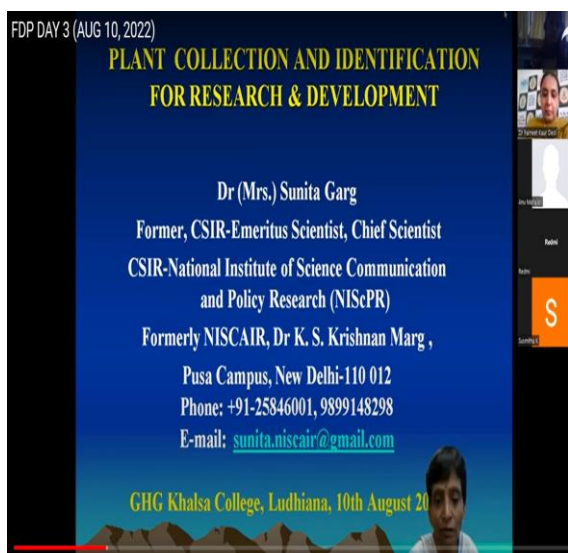


The second lecture was delivered by Prof. Maninder Karan, Professor in Pharmacognosy, University Institute of Pharmaceutical Sciences Panjab University Chandigarh on topic entitled “**Novel Delivery Options for Herbals**”. Prof. Karan has very well described about various novel options to administer herbal drugs in the body.

Day three- Day three was started with the welcome address by Dr. Anu Jindal, Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

The formal address was given by Guest of honor, Dr. Gurpreet Kaur, Co-convenor, APTI-Women Forum- Punjab State Branch, Professor and Dean Faculty of Medicine, Department of Pharmaceutical Science & Drug Research, Punjabi University, Patiala, Former Head, DIRECTOR, Center for Product development through Novel Technology Intervention (CPD tnti). Prof. Gurpreet shared her knowledge and thoughts with the participants.





Dr. Sunita Garg, Former Emeritus Scientist, Chief Scientist (Scientist G) Head, The Wealth of India, Raw Materials Herbarium & Museum DELHI (RHMD), Sales and Marketing, & Editor, Indian Journal of Natural Products and Resources and Natural Products and Resources Repository, CSIR-NISCAIR (Now NIScPR) was the first speaker for the day. Dr. Sunita discussed on “**Plant collection and identification for research and development**” in a very innovative and interesting way. The second informative talk of day three was given by Dr. Vinod Tiwari, Assistant Professor, Indian Institute of Technology (Banaras Hindu University), Varanasi, U.P on “**Pain-A blessing or curse: A scientific perspective**”.

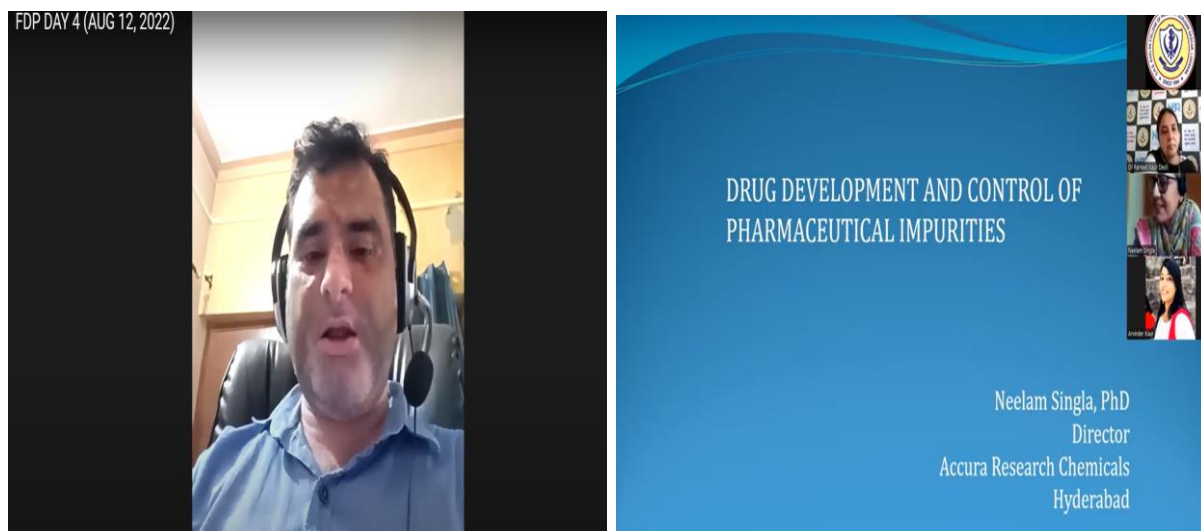


The last highlight of the day was delivered by Dr. Randhir Singh Dhayia, Associate Professor at Central University of Punjab, Bathinda. Dr. Dhayia elaborated his knowledge on vast topic “**Alternative to animals in Pharmaceutical Research**”.

The vote of thanks was proposed by Ms. Jasvir Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

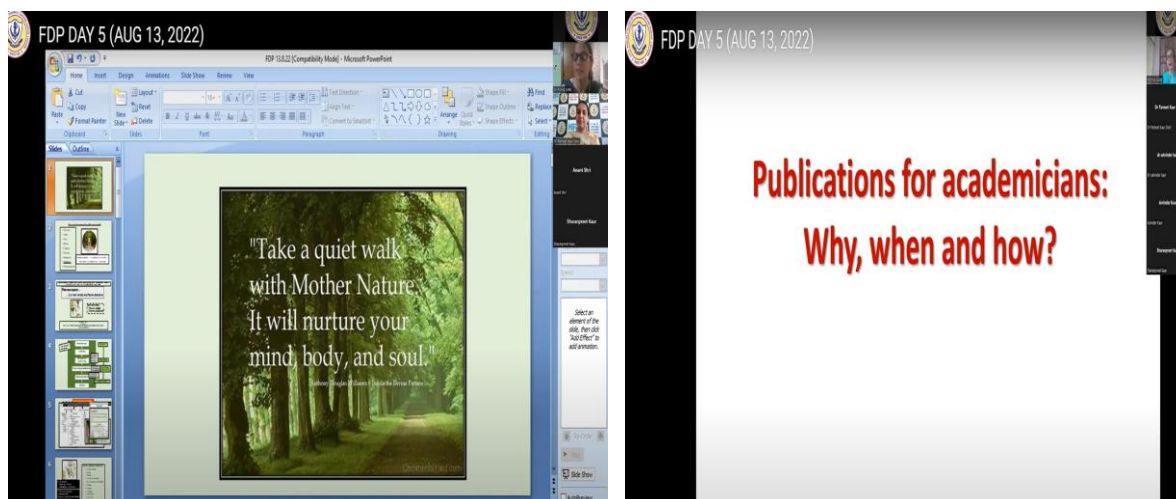
Day Four- Day four was started by welcome address by Ms. Navpreet Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. The first technical session includes workshop by Mr. Yatindra Nath Yadav, Neotel System and Services, Chandigarh on “**USFDA approved (Q)SAR tool Case Ultra Toxicity**”.

Prediction Software for ICHM7 - Bacterial Mutagenicity- assessment including both the Statistical Rule and Expert Rule, based toxicology assessment”.



The workshop was followed by an informative lecture by Dr. Neelam Singla, Director, Accura Research Chemicals, IICT, Hyderabad on “**New Drug Development and The Control of Impurities in Drug Substances and Products**”. The vote of thanks was given by Ms. Arvinder Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

Day Five- Day five was Independence Day special session. Day was started by welcome address by Dr. Amit Goyal, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. The first informative lecture was delivered by Prof. Richa Shri, Professor, Dept. of Pharmaceutical Sciences and Drug Research, Punjabi University Patiala on topic entitled “**Pharmacognosy-Current trends and Future directions**”. Prof. Richa has very well highlighted current as well as future prospects in pharmaceutical research and education.



The second has given emphasis on importance of publications for academicians by Dr. Monica Gulati, Registrar and Executive Dean, Lovely Professional University, Phagwara, Punjab. Dr. Monica spoke on the topic “**Publications for academicians: Why, when and how?**”.



College has celebrated Independence Day by organizing a formal talk by Guest of honor of the day Dr. Harpreet Singh, Principal, G.H.G Khalsa College, Gurusar Sadhar on “**Our Nation Our Pride**” in view of 75th Independence Day. Dr. Harpreet’s talk was so enthusiastic that filled everyone with the feeling of patriotism.

The last or third lecture of the 5th day was delivered by Dr. Vinay Chawla, Principal, University Institute of Pharmaceutical Sciences and Research, Baba Farid University of Health Sciences, Faridkot on topic “**Ethics in Publication and research**”. Dr. Chawla elaborated various practices and laws to be considered during publishing. He has well highlighted unethical practices by demonstrating examples with case studies. At the end of session, National anthem was played.



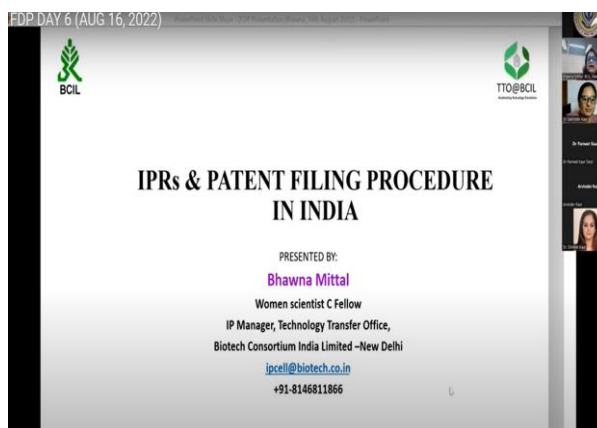
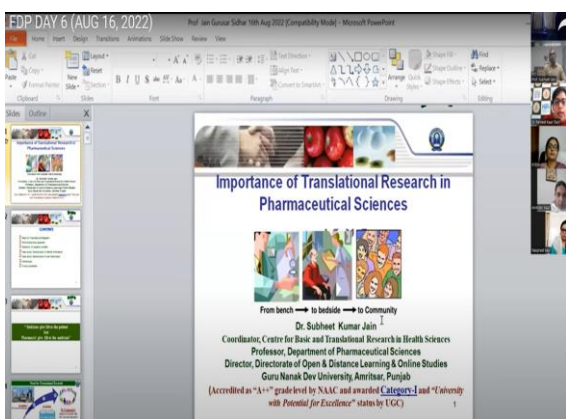
The vote of thanks was proposed by Ms. Arvinder Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. Day was concluded by singing National Anthem by everyone.

Day Six- Day six was commenced with welcome address by Ms. Shaveta Bhardwaj, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. This day has been inaugurated by a formal address by our Guest of honor of the day **Prof. Kanchan Kohli**, Director, Research and Publications, Lloyd Institute of Management and Technology.



Prof. R.K Goel, Professor and Ex-dean, Department of Pharmaceutical Sciences and Drug Research, Director-Department of Pharmaceutical Sciences and Drug Research IQAC Punjabi University was the speaker for technical session 1. Prof. Goel has highlighted his knowledge on topic “**Informatics based Development of animal models for translational Pharmacological outcomes**”.

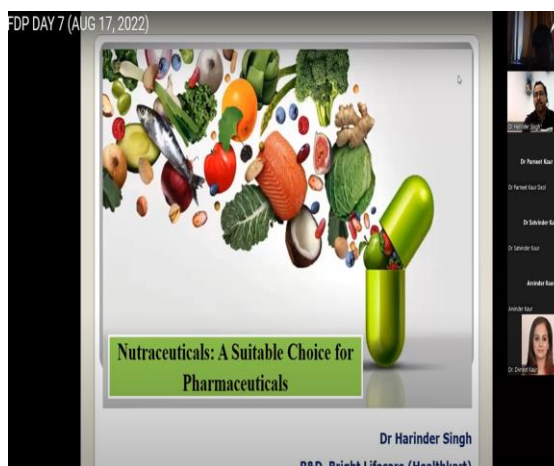
Prof. Subheet Kumar Jain, Professor and Former Head, Department of Pharmaceutical Sciences, Founder Director, Directorate of Open and Distance Learning, Grievance Redressal officer, Guru Nanak Dev University, Amritsar, Punjab, second speaker of day six has delivered his talk on topic entitled “**Importance of Translational Research in Pharmaceutical Sciences**”.



The Third speaker of the day was Ms. Bhawna Mittal, IP Manager, Technology Transfer Office, Biotech Consortium India Limited, New Delhi delivered her talk on “**IPRs and Patent Filing Procedure in India**”.

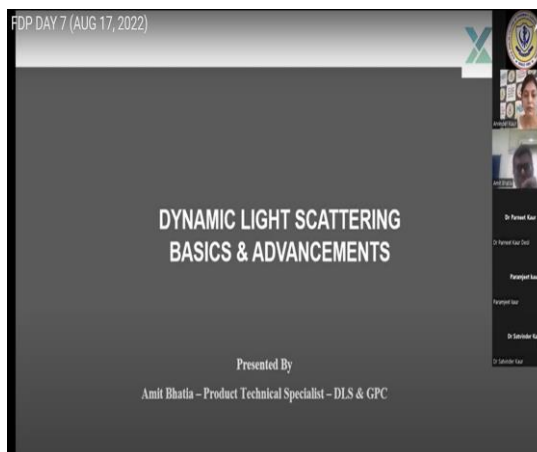
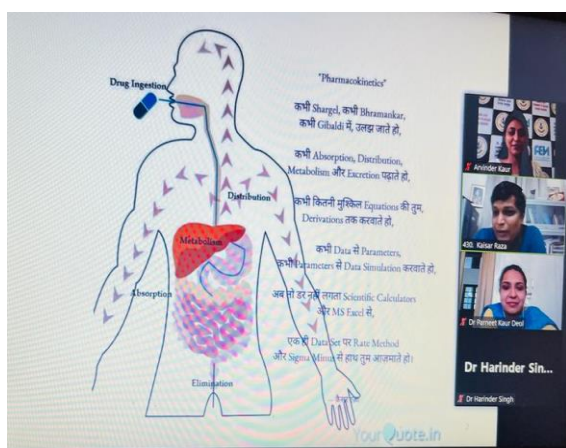
The vote of thanks was given by Mr. Jaswinder Singh, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

Day Seven- Day seven was initiated by giving welcome address by Dr. Divneet Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. The Guest of honor of the day Prof. Indu Pal Kaur, Professor and Chairperson, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh inaugurated the session by giving formal address.



Technical session 1 was taken by Dr. Harinder Singh, Principal Scientist, Bright Lifecare Pvt. Ltd. (Health kart), Gurgaon. Dr. Harinder delivered his lecture on “**Nutraceuticals: A Suitable Choice for Pharmaceuticals**”. Dr. Harinder very well discussed about importance of Nutraceuticals as Pharmaceuticals.

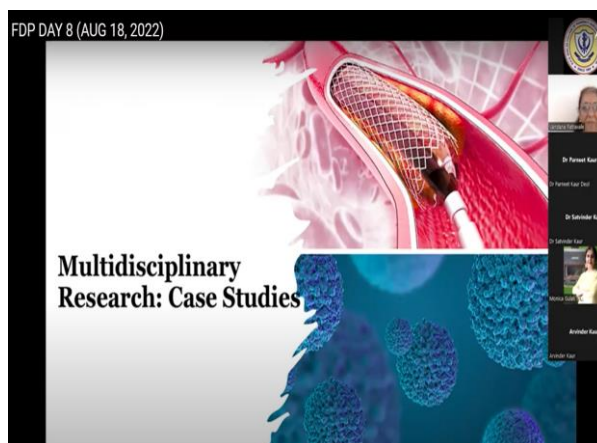
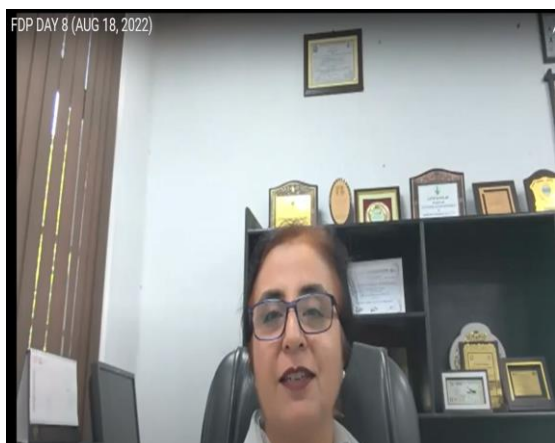
Dr. Kaiser Raza, Assistant Professor, Department of Pharmacy, Central University of Rajasthan, Ajmer was the second speaker of day, has delivered his talk on topic entitled “**Pharmacokinetics: An indispensable Pharmaceutical Tool**”.



Third technical session was given by Mr. Amit Bhatia, Product Technical Specialist, DLS & Gel Permeation Chromatography on “**Basics and Advancements in the Field of Dynamic Light Scattering**”.

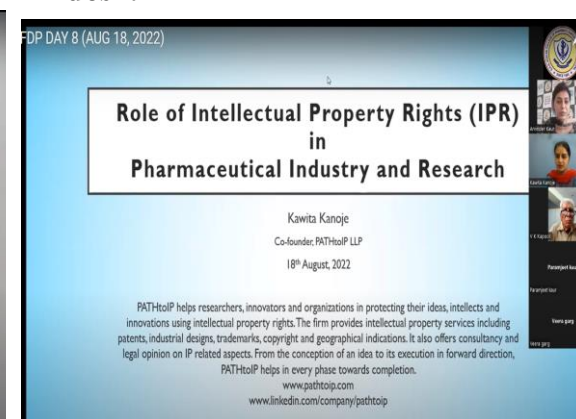
The vote of thanks was given by Dr. Manpreet Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

Day Eight: Day eight was commenced with welcome address by Ms. Navpreet Kaur, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. This day has been inaugurated by a formal address by our Guest of honor of the day **Dr. Monica Gulati**, Director, Research and Publications, Lloyd Institute of Management and Technology.



The first informative lecture was delivered by **Prof. Vandana B. Patravale**, Professor in Pharmaceutics, Institute of Chemical Technology, Mumbai on topic entitled “**Multidisciplinary Research: Case Studies**”. Prof. Vandana has very interestingly highlighted case studies in lieu of multidisciplinary research.

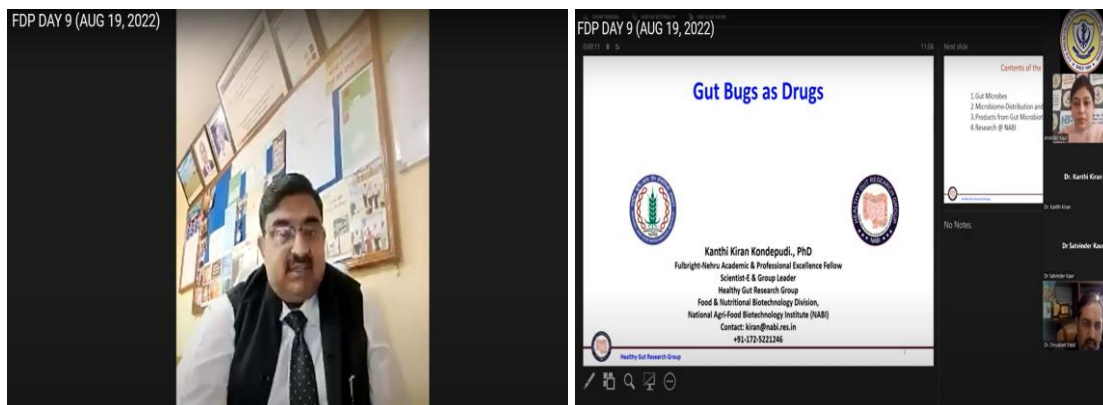
Dr. Manjinder Singh Gill, Assistant Professor, National Institute of Pharmaceutical Education and Research (**NIPER**), SAS Nagar, Mohali, Punjab was the second speaker for the day. Dr. Gill delivered his talk on “**Diphenyl Carbonate Mediated (DPC) Synthesis of Sulfonyl Ureas and Amides**”.



The Third speaker of the day was Ms. Kawita Kanoje, Intellectual Property Professional, Co-founder & Designated Partner, PATH to IP LLP, Pune delivered her lecture on topic entitled “**Role of Intellectual Property Rights in Pharmaceutical Industry and Research**”. Her talk was very well explained and informative.

The vote of thanks was given by Dr. Sonia Singla, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

Day Nine: Day nine was commenced with welcome address by Dr. Anuja Chopra, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana. This day has been inaugurated by formal address by our Guest of honor of the day **Dr. Shailesh Sharma**, Professor and Director, Amar Shaheed Baba Ajit Singh Baba Jujhar Singh Memorial College of Pharmacy, Bela (ASBASJSM).



Dr. Kanthi Kiran, Scientist E, National Agri-Food biotechnology Institute, Mohali, Punjab was the first speaker for the day, delivered his talk on topic entitled “**Gut Bugs as Drugs**”. Dr. Kanthi shared his informative views on various micro-organisms that can be useful in many ways as drugs.

The second technical session was led by Dr. Neeraj Mahindroo, Professor & Dean Faculty of Pharmacy, Dr. Vishwanath Karad MIT-World Peace University, Kothrud, Pune. Dr. Neeraj elaborated his views on versatile topic “**Breaking the Silos: A Step towards revolutionizing Pharmaceutical Education and Research**”. Dr. Mahindroo’s talk was very informative.



The vote of thanks was given by Dr. Parneet Kaur Deol, Assistant Professor, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana.

Day Ten: The day ten commenced with the formal welcome address given by Dr. Thakur Gurjeet Singh, Treasurer-APTI Punjab State Branch & Dean, Chitkara College of Pharmacy, Chitkara University.



Key note address was given by Chief guest of the day Dr. S. K Sharma, Chairman, Scientific Panel on Nutraceuticals & Health Supplements, FSSAI, Ministry of Health & F.W., Govt. of India. Former Advisor Ayurveda, Ministry of AYUSH, G. O. Dr. Sharma delivered his talk on the topic entitled “**Fundamental Concepts of Ayurveda- Scope of Collaboration with Pharmaceutical Scientists**”.

The key note address was followed by formal address by Guest of honor Dr. V.K. Kapoor, Professor Adjunct, G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana and Former Dean and Chairperson UIPS, Panjab University, Chandigarh and Dr. Rohit Dutt, Vice President-APTI National Northern Region, Associate Dean Academic G. D Goenka University and Dean School of Medical and Allied Sciences G. D. Goenka University.



First Technical session of the day was taken by Dr. Ravindra K. Rawal, Principal Scientist, CSIR-North East Institute of Science and Technology, Jorhat-785006, Assam on topic entitled “**Natural Products Based Drug Discovery-An Integrated Approach**”.

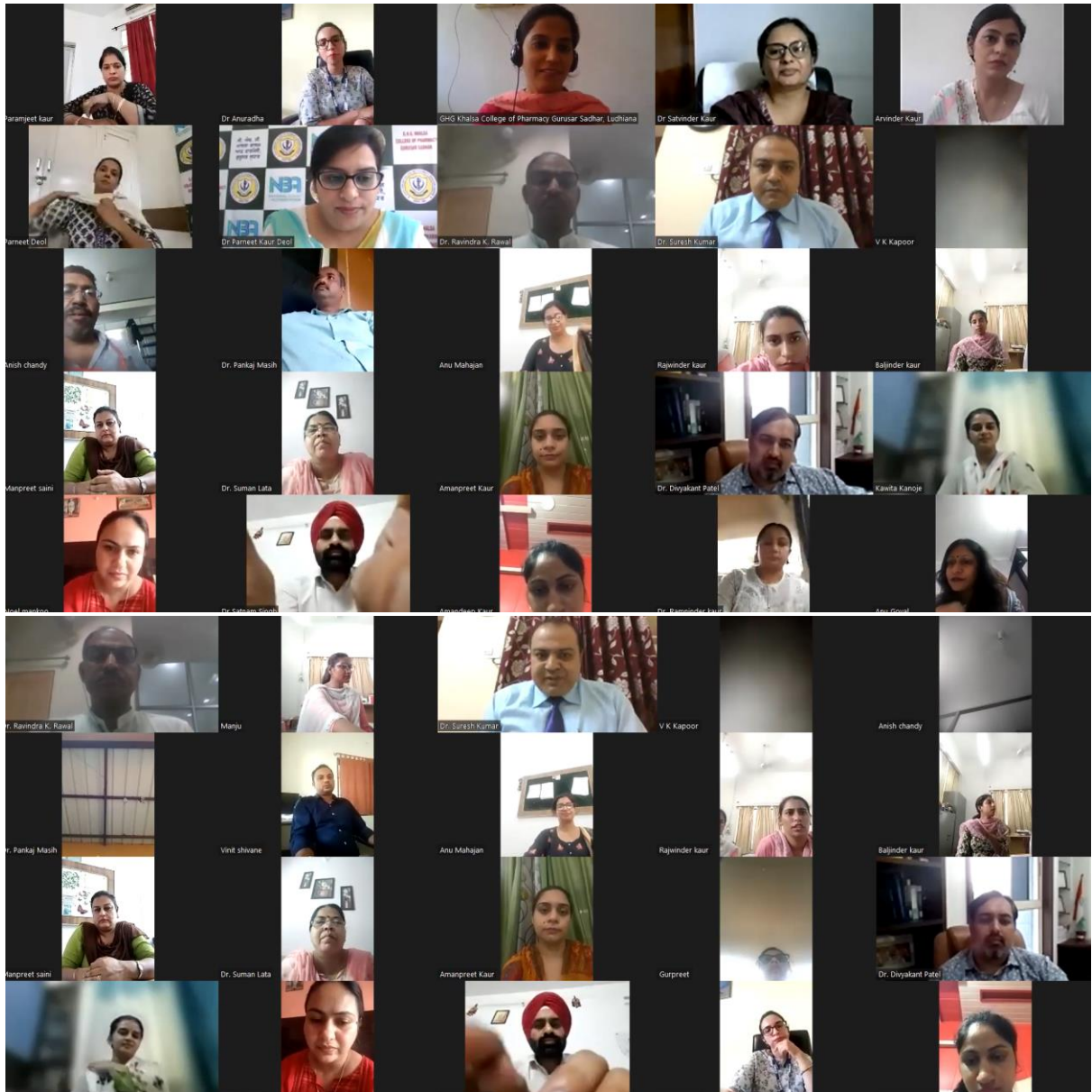


Technical session was followed by valedictory report by Dr. Satvinder Kaur, Professor and Principal G.H.G Khalsa College of Pharmacy, Gurusar Sadhar, Convener-APTI Women Forum, Punjab State branch.

The formal vote of thanks was given by Dr. Suresh Kumar, Hon. Secretary, APTI-Punjab State Branch & Assistant Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala.



At the end, session was concluded by taking group photograph of all the participants. Also, the feedback was given by many participants, according to them FDP program was very informative and knowledgeable.



Thank you