



Date:20/03/24

REPORT

INDO-US International Conference on Global Trends and Challenges in Drug Design, Nanotechnology and Pharmaceutical Sciences (19th March, 2024)

Pharmaceutical sciences combine scientific aspects that are critical in the development and manufacturing of new drugs, handling of medicines and medical devices. In the most basic sense, drug design involves the design of molecules that are complementary in shape and charge to the biomolecular target with which they interact and therefore will bind to it. Nanotechnology is the manipulation of matter on a near-atomic scale to produce new structures, materials and devices. The technology promises scientific advancement in many sectors such as medicine, consumer products, energy, materials, and manufacturing. The study of pharmacology encompasses the sources, chemical properties, biological effects and therapeutic uses of drugs. Pharmacy uses the knowledge derived from pharmacology to achieve optimal therapeutic outcomes through the appropriate preparation and dispensing of medicines. Medicinal Chemistry is the science that deals with the discovery or design of new therapeutic chemicals and their development into useful medicines. Pharmaceutics and Pharmaceutical Technology is concerned with the design and formulation of drugs into different dosage forms.

Krishna School of Pharmacy & Research (KSP), KPGU, Vadodara and Association of Pharmacy Professionals GUJARAT STATE BRANCH in collaboration with APP American International Branch & APP MolPharm Division organized INDO-US International Conference for students of Pharmacy and academicians on 19th March, 2024 in Hybrid mode (Online and Offline mode). In the present conference, pharmaceutical experts from international/national organizations addressed on diverse aspects of pharmaceutical sciences. Around 373 offline and 215 online delegates participated from across India and 352 delegates attended the conference offline.

Participation in Poster Presentation

Subject area	Online	Offline
	Presented	Presented
Pharmaceutics	50	152
Pharmacology	15	47
P' Chemistry & P' Quality Assurance	16	53

INAUGURAL SESSION:

The conference started with the welcome speech by the anchor, Ms. Rupa Singh, Assistant Professor, KSP. The conference was inaugurated by the Guest of Honor **Dr. B. N. Suhagia, Dean, Faculty of Pharmacy, DDU, Nadiad, Dr. Chirag Nagda, I/C Registrar, KPGU, Dr. Falgun A. Mehta, Director, KSP.** The inaugural session was started with the blessing of Goddess Saraswati by offering prayer and lighting of the lamp.

Dr. Falgun A. Mehta, Director, KSP, welcomed all the guest and participants and gave brief outline about the program. Dr. B. N. Suhagia sir in his remarks gave idea about the importance of the conference and activities of APP. To promote the research activity and motivate students and staff various awards were given away. After the inaugural address, the vote of thanks was proposed by Dr. Shailesh Koradia, Professor & HoD, Chemistry and Quality Assurance, KSP.

TECHNICAL SESSIONS:

Session I – "Cancer Nano medicine: Advances and Challenges."

Speaker – Prof. Alekha K. Dash, Associate Dean (Research) Department of Pharmacy Sciences, School of Pharmacy and Health Professions, Creighton University, Omaha, NE, USA.

Dr. Jigar Vyas welcomed and introduced Prof. Alekha K. Dash

Prof Dash shared his wisdom of his vast experience in the field of long acting parenterals. In his inspiring talk, he discussed the biology, stages, conventional approach, and treatment methods of injectable nano drug delivery systems for breast cancer.

Session II – "Career Opportunities in Pharmaceutical Management for Pharmacy Graduate Students"

Speaker – Dr. Saurabh Kumar Banerjee, Dean, School of Pharmaceutical Management, The IIMR University, Jaipur, Rajasthan.

Dr. Prachi Pandey welcomed and introduced Dr. Saurabh Kumar Banerjee.

Dr. Banerjee enlightened the students about the Career Opportunities in Pharmaceutical Management after Graduation. He led an educational discussion on Clinical Data Management, Pharma Consulting Organizations, and Career Opportunities in Pharmaceutical Management with real life examples like that of Mr. Dilip Sanghvi, the CEO of Sun Pharma was working as a Medical representative in the initial stage of professional life.

Session III – “Nano suspension: New Development in Long Acting Injectable”

Speaker – Prof. Mehul N. Patel, Professor, Faculty of Pharmacy, Dharmsinh Desai University, Nadiad.

Dr. Shailesh Koradia welcomed and introduced Prof. Mehul N. Patel.

Dr. Patel gave an informative speech on LAIs (Long Acting Injectable) & novel approaches for preparation of Nano suspension with different techniques.

VALEDICTORY CEREMONY

Ms. Sanjogta Soni, Assistant Professor, KSP was the anchor of the Valedictory Ceremony. She welcomed the esteemed chief guest for the Valedictory Ceremony **Dr. A.B. Chaudhri**, Provost, KPGU, all the eminent speakers, Faculty members of KSP and participants for the valedictory ceremony.

Winners

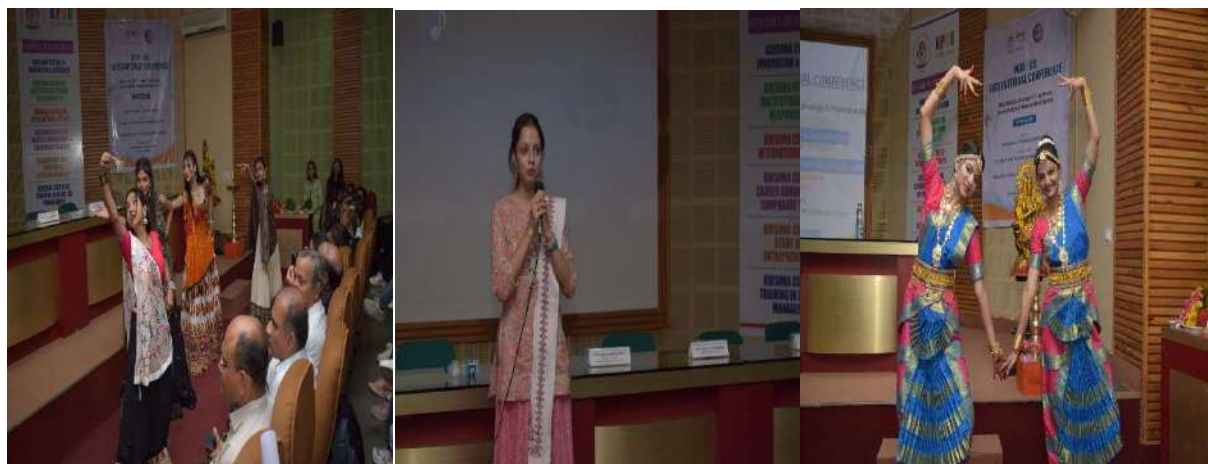
Subject area	Name	College	Position
Online			
Pharmaceutics	Sumitradevi Chaudhry	Kale College of Pharmacy, Hubli, Karnataka	1
	Rutuja Giri	JSPM's college, Pune, Maharashtra	2
P' Chemistry & Quality Assurance	Khushboo Patil	MTT ADT University, Pune, Maharashtra	1

	Yogesh Khetmalis	BITS Pilani, Hyderabad Telangana	2
Pharmacology and Pharmacognosy	Sharanya Roy	BIT Mesra , Jharkhand	1
	Tanishk Soni	BIT Mesra, Jharkhand	2
Offline			
Pharmaceutics	Krupal Sadhu	KPGU, Gujarat	1
	Maanika Menon	ITM University, Gujarat	2
	Ashwini Patel	KPGU , Gujarat	3
	Aishwarya Nair	Parul University, Gujarat	3
Pharmacology and Pharmacognosy	Praveen Kumar Paswan	KPGU, Gujarat	1
	Patel Meet	ITM University, Gujarat	2
P' Chemistry & Quality Assurance	Dr. Pinkal Patel	Parul University, Gujarat	1
	Dr. Upasana Yadav	KPGU, Gujarat	2

Dr. Jigar Vyas, Professor & HoD, Pharmaceutics, KSP gave a summary report of the conference. Lastly, Dr. Mihir Parmar, Professor & HoD, Pharmacology, KSP proposed the vote of thanks. A link of the feedback form was shared in the WhatsApp group and all the participants were requested to fill in the feedback form and collect the participation certificate from the registration desk. The program was followed by the High tea. The Participants appreciated efforts taken by APP and Krishna School of Pharmacy & Research for organizing this event. They were satisfied with the topics selected and the information provided by the eminent speakers.



Inaugural and Technical sessions



Cultural events



Group Photo



Poster Presentation



Highlights of the Event:

- 1) School organizing the event:** Krishna School of Pharmacy & Research (KSP)
- 2) Date of the event:** 19th March, 2024
- 3) No. of participants:** 373 offline and 215 online
- 4) Venue of the event:** Auditorium-I & II, Pharmacy building, KSP, KPGU
- 5) Sponsoring Body:** NA
- 6) Amount of Grants Received:** NA

Prepared by:

Ashwini Patel & Priyanka Shah

Dr. Falgun A. Mehta

Convener

INDO US International Conference