



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

DATE: 06/04/2023

26th Indo – US International Conference

on

Pharmaceutical Sciences and Technology: Past, Present & Future Aspects

Organized by

Sharda School of Pharmacy, Pethapur & Association of Pharmacy Professionals

In collaboration with APP American International Branch & APP PharmEdu

HealthCare Division

Report on 26th Indo – US International Conference on Pharmaceutical Sciences and Technology: Past, Present & Future Aspects (5th -6th April, 2023) Organized by Sharda School of Pharmacy, Pethapur & Association of Pharmacy Professionals Madhya Pradesh State Branch in collaboration with APP American International Branch & APP PharmEdu HealthCare Division

CONFERENCE THEME: Pharmaceutical Sciences and Technology: Past, Present & Future Aspects

DATE: 5th and 6th April, 2023 (World Health day)

CONFERENCE CONVENER: Dr. Divyakant Patel

CO-CONVENER: Dr. Yogesh K. Patel

TIME: 09.00 am to 04.00 pm (For two days)

TOTAL PARTICIPANTS: 416 student of M.Pharm, B.Pharm and D.Pharm, Teaching and Non-teaching faculties of various colleges across Gujarat

OBJECTIVE OF CONFERENCE: Pharmaceutical Sciences and Technology: Past, Present & Future Aspects

DESCRIPTION OF CONFERENCE:

The pharmaceutical sciences combine a broad range of scientific disciplines that are critical to the discovery and development of new drugs and therapies. Drug discovery is the process through which potential new therapeutic entities are identified, using a combination of computational, experimental, translational, and clinical models. Despite advances in biotechnology and understanding of biological systems, drug discovery is still a lengthy, costly, difficult, and inefficient process with a high attrition rate of new therapeutic discovery.



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

Pharmaceutics is the discipline of pharmacy that deals with the process of turning a new chemical entity (NCE) or old drugs into a medication to be used safely and effectively by patients. It is also called the science of dosage form design. There are many chemicals with pharmacological properties, but need special measures to help them achieve therapeutically relevant amounts at their sites of action. Pharmaceutics helps relate the formulation of drugs to their delivery and disposition in the body. Pharmaceutics and Pharmaceutical technology are concerned with the design and formulation of drugs into different dosage forms. They are also concerned with the development of new drug delivery systems that ensure drug efficacy with minimal side effects. Modern drug discovery involves the identification of screening hits, medicinal chemistry and optimization of those hits to increase the affinity, selectivity, efficacy/potency, metabolic stability and oral bioavailability. In the present conference, pharmaceutical experts from diverse organizations will address the gathering regarding global aspects and challenges in pharmaceutical Sciences and technology.

The event was very enthusiastically organized by the Sharda School of Pharmacy, Pethapur on 05-06/04/2023, Sharda Campus managed by Shardaben Education Trust in CAMPUS. Students and Staff members had actively participated in International conference. Under the guidance of Dr. Divyakant Patel sir students and staff, did the assigned work and enjoyed the whole event.

INAUGURATION AND WELCOME CEREMONY

Conference was inaugurated by Lamp lightning ceremony by **Dr. Naresh Patel** (Chief Patron & Managing Trustee), **Mr. Kantibhai Patel** (Patron & Secretary Shardaben Education Trust, Pethapur), the chief guest **Prof. M. M. Patel** (Organizing chairman and chief guest Advisor, APP Gujarat State Branch Former Vice Chancellor, Sabarmati University, Ahmedabad) and **Prof. B. N. Suhagia** (Guest of Honor Chief Advisor, APP Gujarat State Branch Dean, Faculty of Pharmacy Dharmsinh Desai University, Nadiad, Gujarat). Welcome speech and Briefing about Seminar was given By **Dr. Divyakant Patel** (Principal Sharda School of Pharmacy). Vote of thanks was delivered by **Dr. Yogesh K. Patel** (Co-convener & HOD Sharda School of Pharmacy).

SCIENTIFIC SESSION:

Scientific session was delivered by key speaker **DR KHUSHBOO VAGHELA** (Life time member, Association of Pharmacy Professionals (APP) Department of Pharmacognosy and Phytochemistry, School of Pharmacy). **PROF. ALEKHA K. DASH**(Associate Dean



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

(Research), School of Pharmacy and Health Professions, Creighton University, Omaha, NE, USA) **DR. SAURABH KUMAR BANERJEE** (Dean, School of Pharmaceutical Management, the IIHMR University, Jaipur, Rajasthan)

ORAL AND POSTER PRESENTATION COMPETITION

There was oral and poster presentation competition which was held on both the days. There were total 30 oral presentation and 15 poster presentation. Oral and Posters were presented by student and staff of various colleges across the Gujarat. Student were evaluated by question and answer upon different parameters like content, presentation skill, confidence and many more. The competition was evaluated by panel of judge mention here under. The winner were motivated by presenting award and certificate in valedictory function at 3:30 pm to 4:30 pm. On 6th April, 2023.

AWARD CEREMONY

During conference, some of faculties were awarded with best achiever award, best teacher award, Best Pharmacist Award, etc.

DAY 1 (5th April, 2023)

AWARD CEREMONY:

In the Inauguration and Welcome Ceremony, some of faculties were awarded with Best Research Scholar Award, Best Teacher Award, Best Researcher Award and Best Achiever Award. Detail was tabulated here under:

SR. NO	AWARD	MALE/ FEMALE	NAME OF FACULTY
1	Best Research Scholar Award (For outstanding Ph.D Scholar)	Female	Dr. Ankita Patel
2	Best Teacher Award (For outstanding teaching)	Male	Mr. Mihir Patel
3	Best Researcher Award (For outstanding Research)	Male	Dr. Kaushik Patel
4	Best Achiever Award (For outstanding Teaching & Research)	Female	Dr. Khushboo Vaghela



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

SCIENTIFIC SESSION:

Scientific session was followed by **Inauguration and Welcome Ceremony**. **First scientific session** (Lec-1-11:00 am to 12:00pm) was delivered by key speaker **DR KHUSHBOO VAGHELA** (Life time member, Association of Pharmacy Professionals (APP) Department of Pharmacognosy and Phytochemistry, School of Pharmacy). Chairperson for the first session was **Dr Ankita Patel** (Associate Professor, Sharda School of Pharmacy, Pethapur, Gujarat, India.)

Scientific session-1 Key speaker: Dr. Khushboo Vaghela

Title: Herbal Cosmeceuticals

ORAL PRESENTATION COMPETITION

There were oral presentation competition on first day at 1:30pm – 3: 30pm. 15 oral presentation were presented of different department like Pharmacognosy, Pharmaceutics and QA/Chemistry Department. The competition was evaluated by panel of judge mention here under. The winner were motivated by presenting award and certificate in valedictory function at 3:30 pm to 4:30 pm. On 6th April, 2023.

Name of Judges:

ORAL PRESENTATION	JUDGE 1	JUDGE 2
Day 1	Ms. Bhumi Patel (Sharda School of Pharmacy)	Dr. Vrunda Shah (Arihant School of Pharmacy and BRI)

DAY 2 (6th April, 2023)

SCIENTIFIC SESSION:

Second day of International conference were starts with **scientific session**. Scientific session were held by (Lec-1-10:15 am to 11:15 am) **PROF. ALEKHA K. DASH** (Associate Dean (Research), School of Pharmacy and Health Professions, Creighton University, Omaha, NE, USA) and chairperson for the session 2 was **Dr Ankit Chaudhary** (Principal & Professor



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

at Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar) and (Lec-2-11:25 am to 12:25 pm) **DR. SAURABH KUMAR BANERJEE** (Dean, School of Pharmaceutical Management, the IIHMR University, Jaipur, Rajasthan). Chairperson for the session 3 was Dr Hiral Panchal (Principal at Shree Swaminarayan sanskar pharmacy college Zundal, Gandhinagar)

Scientific session-2 Key speaker: Prof. Alekha Dash

Title: Pre- formulation studies on two novel Indole-2-carboxamides, highly potent against non tuberculous mycobacteria.

Scientific session-3 Key speaker: Dr. Saurabh Kumar Banerjee

Title: carrier opportunities in medical devices industry for pharmacy and healthcare students.

ORAL AND POSTER PRESENTATION COMPETITION

Followed by scientific session, there was oral and poster presentation competition which was started at 1:30pm to 3:00pm. on day 2: Total 15 oral (Pharmacology department) and 15 Posters (various department) were presented by student and staff of various colleges across the Gujarat. The winner were motivated by presenting award and certificate in valedictory function.

Name of Judges:

ORAL PRESENTATION	JUDGE 1	JUDGE 2
Day 2	Ms. Ritika Paul (Sharda School of Pharmacy)	Dr. Ekta Patel (Sharda School of Pharmacy)

LIST OF WINNERS

Department	Rank	Name of participants	Topic for Poster Presentation	Name of Institute
Day 1 Oral presentation winners				



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

Pharmacognosy, Pharmaceutics and QA/Chemistry Department	1 st	Abha Vyas	Pharmacophore modeling studies of nitrogen-containing-fused-hybrid ring system as topoisomerase II inhibitors for the treatment of Cancer	Department of Pharmaceutical Chemistry, L.J. Institute of Pharmacy, LJ University
	2 nd	Shefali Joshi	Pharmacological Evaluation Of Dazzle Cool Cream For Anti-Inflammatory And Analgesic Activity	Sharda School Of Pharmacy, Pethapur, Gandhinagar
Day 2 Oral presentation winners				
Cology Department	1 st	Soni Ritu	Investigating Neuroprotective Role of Sitagliptin via PI3K/AKT and Nrf2/Keap1 Pathway in Parkinson's Disease	Department of Pharmacology, Institute of Pharmacy, Nirma University
	2 nd	Nikita Tiwari	Exploring the effect of Tirzepatide a specific GLP1-GIP agonist as a new frontier it type II diabetes mellitus	Sharda School Of Pharmacy, Pethapur, Gandhinagar
Day 2 Poster presentation winners				
All department	1 st	Parth S. Patel	Calciprash: Development and Formulation of Calcium Rich Avaleha Kalpana (Semisolid Medicated Preparation)	Shree S. K. Patel College of Pharmaceutical Education and Research, Ganpat University, Kherva, Mehsana.
	2 nd	Udhav M. Jani	A Review on Bioavailability & Natural Bioavailability Enhancers	Gyanmanjari pharmacy college, Bhavnagar
	3 rd	Samarth R. Rathod	Nanorobotics-An implementation in cancer treatment	Sharda School Of Pharmacy, Pethapur, Gandhinagar

AWARD CEREMONY:



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

Some of faculties were awarded with Best Research Scholar Award, Best Teacher Award, Best Researcher Award and Best Achiever Award in the valedictory function also. Detail was tabulated here under:

Sr. No	Award	Male/ Female	Name of Faculty
1	Best Teacher Award (For outstanding teaching)	Female	Ms. Priyanka Yadav
2	Best Researcher Award (For outstanding Research)	Female	Ms. Janki Patel
3	Best Pharmacist Award (For Outstanding Public Service)	Male	Mr. Jaimin Patel
		Female	Ms. Urvi Trivedi
4	Best Performer Award- Student	Male	Mr. Krupesh Savaliya
5	Best Talent Award for Over all Outstanding Activities	Female	Ms. Mugdha Dhimar

OUTCOME OF EVENT:

Participant enriched with the knowledge of herbal Cosmeceuticals, about medical devices and information related to non tuberculous bacteria and molecules invented for the same. In scientific session participant gained knowledge about many new things, market scenario related with past and future to the present. Form the different oral and poster presentation, students and faculties get idea about the research going on in different disciplines and in different colleges. All can get new way related to research and education. Conference was ended up with excellent opportunities to disseminate research, it shared the best practice, network with colleagues and students of different colleges.



SHARDA SCHOOL OF PHARMACY

Pethapur- Mahudi Road, Opp. Kailash Dham, At. Pethapur,

Ta. - Dist. Gandhinagar - 382610.

Ph. No.: 079-30516181, Mo.- 9904115227

Sign of Principal