

## ANNEXURE-II

## PROCEEDING REPORT OF E-SEMINAR



GUJCOST &amp; DST



Sponsored

Two days national level E-Seminar

**“Role of Research and Startup in 2021-  
Post Covid-19 challenges and Opportunities”**

Date: 9 &amp; 10 April, 2021

Platform: Google meet

ORGANIZED BY**ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY**

ROFEL NAMDHA CAMPUS, NAMDHA ROAD-VAPI (W) 396191, GUJARAT, INDIA

CONTACT -919727723722/42/62. Website: [www.rofelpharma.org](http://www.rofelpharma.org)

As ISO 29996:2016 &amp; ISO 9001:2005 certified institution

( Experience Innovation in Education )

PROCEEDING REPORT OF E-SEMINAR

  
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 Shri G.M. Bilakhia College of Pharmacy  
 VAPI.

ROFEL Shri G.M. Bilakhia College of Pharmacy has organized GLJICOST and DST Sponsored Two days national level E-Seminar on title "Role of Research and Startup in 2021-Post Covid-19 Challenges and Opportunities. The purpose of organizing this webinar was to address current research and startup-based opportunities to the pharmacy students. The entire world has witnessed the impact of coronavirus from 2019 December to date. During this crucial time, the Indian pharmaceutical industry performed incredibly well throughout this period. This level of global disruption poses very significant challenges, yet at the same time has the potential to create space to transform the researchers into better startups. The covid-19 challenge brings a PPE kit, drones, ventilators face shield, and types of masks are a few examples of them. The webinar impact on an academic level will help students to learn the process for performing the research successfully. Post covid-19 how challenges can be converted in opportunities and scope of pharmaceutical research will learn through this webinar. Future scope for research and innovations can learn through the expert session. Promoting the various entrepreneur skills in students helps them to become more competitive and progressive. Promoting healthcare based research and startups will increase competency amongst researchers and results in a better outcome for society. This webinar will help in making the student's talent enable and empower in 2021.

The E-Seminar was organized to enable and empower students. Therefore online painting and Essay competition were also included in the E-Seminar. There were 234 registrations for the event. Participants were from the different states and colleges have registered enthusiastically for the E-Seminar. There were more than 30 faculties from the different pharmaceutical institutes were registered for the E-Seminar.

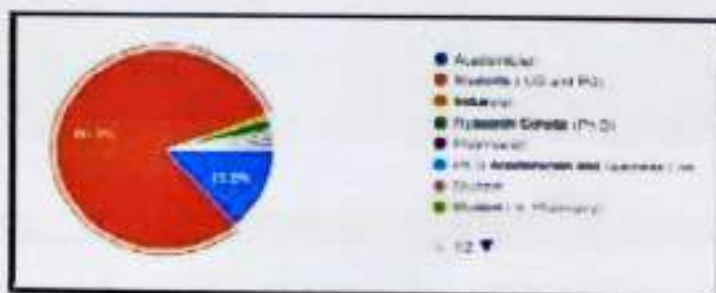


Figure 1: Registration Detail

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The inauguration ceremony commenced with Saraswati Vandana. The virtual welcome was given to all dignitaries and guests on a virtual platform for the inaugural ceremony. Welcome

address and was given by Dr. Chirag Desai who is the coordinator of the event. Dr. Chirag Desai briefed on the purpose of the seminar and expressed his immense pleasure for the presence of delegates from industries as well as various pharmaceutical institutes of India.

**Rtn. Prafulbhai Dewani**, Trustee of ROFEL trust gave best wishes for the success of the seminar. Rtn. Prafulbhai Dewani addressed the audience on a vision of ROFEL Trust and the journey of ROFEL Trust and on the purpose it was incepted.



Figure 2. Inauguration ceremony and Best wishes from Trustee

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**Mr. Dipak Lagdhir**, Ex. Regional officer, CED was the Chief Guest for the E-Seminar. Mr. Lagdhir expressed opportunities in the entrepreneurship and startup from various government



sources. Mr. Lagdhir also encourages participants by sharing some vital skills require for the entrepreneurship and startup

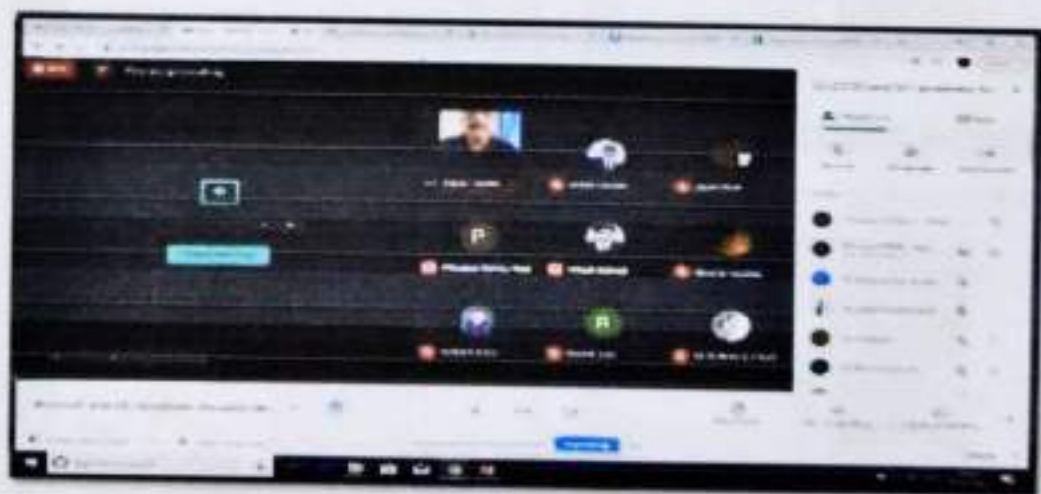


Figure 3: Chief Guest Mr. Dipak Lagdhir, Ex. Regional Officer, CED, GUJARAT.

The Vote of thanks for the inaugural session was expressed by Dr. Chirag Desai, Coordinator of the GUJCOST and DST sponsored Two days national E-Seminar. The technical session started at 10:00am onwards on day 1 (09/04/2021)

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Session 1: Dr. Vimal Kumar (Principal and Dean, IIM school of Pharmacy, Vadodra)

Dr. G. M. Bilakhia College of Pharmacy

Dr. Vimal kumar have started the session on topic entitle **Role of pharmaceutical research Post Covid-19**. Dr. Vimal Kumar has shared how pharmaceutical research by Indian pharmaceutical industry has lead during the Pandemic. The research on vaccine by Indian industries, Research on antiviral and useful medicines by the pharmaceutical industries, research on mask and PPE kit are discussed during the session. Dr. Vimal Kumar sir have also emphasized on the role of alternative system of medicine research during the pandemic. How traditional system of medicine can become vital in boosting immunity to fight against the corona virus. Dr. Vimal kumar have also shared traditional sources of vitamin C and D and their role in fighting against the coronavirus.



(Figure 4: Session from Dr. Vimal Kumar

Timing: 10:00 am to 11:00 am on 09/04/2021)

**Session 2: Dr. Prful Bharadia** (Professor, LMCP, Ahmedabad)



Dr. Praful bharadia has delivered his talk on Role of SSIP in research and startup. Dr. Bharadia explained the brief process about innovation. How the innovations are converted into the useful startups. Some examples are also shared to understand the innovation and startup by students during the session by Dr. Bharadia. Some vital sources like TOYCATHON-21, YUKTI-2.0, and ASEAN-India Hackathon are also advised and suggested by Dr. Bharadia for participants to look after. Dr. Bharadia has also shared Government system and protocol to support startup and provide financial assistance, mentor support and others for progressing towards establishment. Some university and academic level support system for startup are also suggested by Dr. Bharadia in his session.

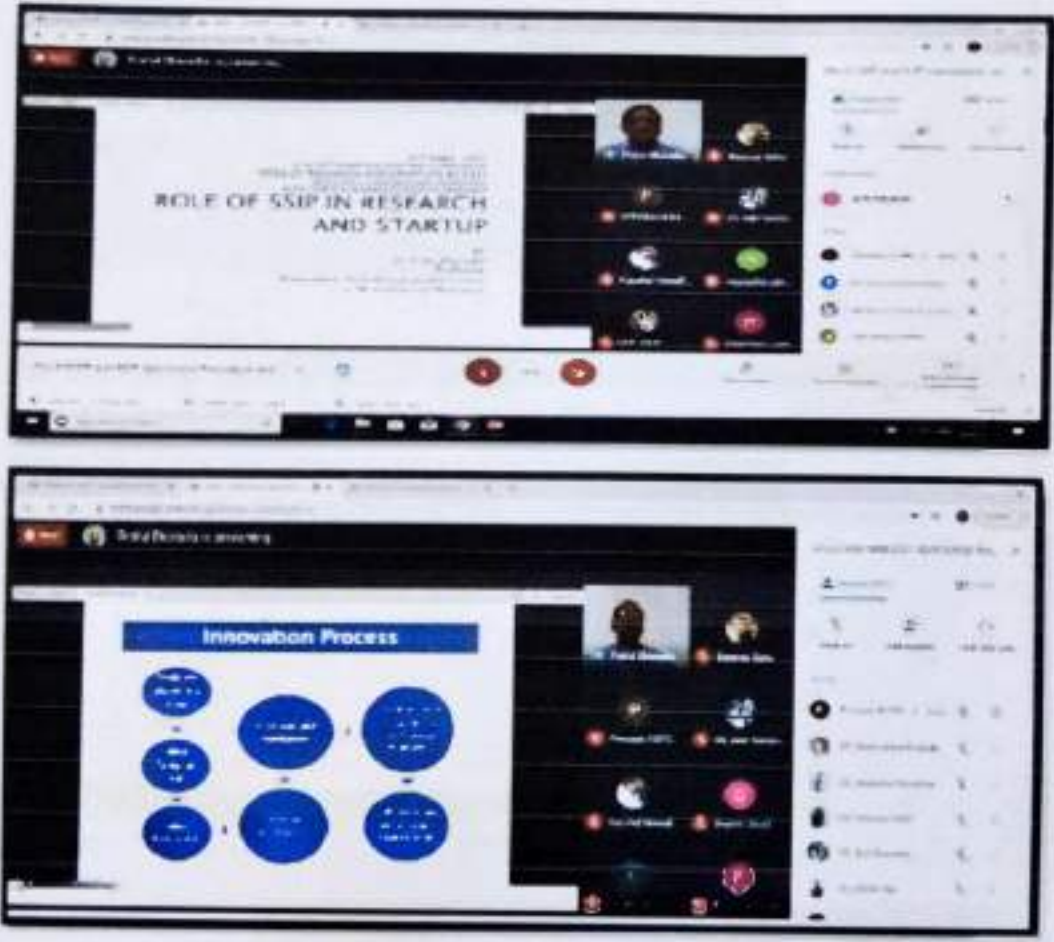
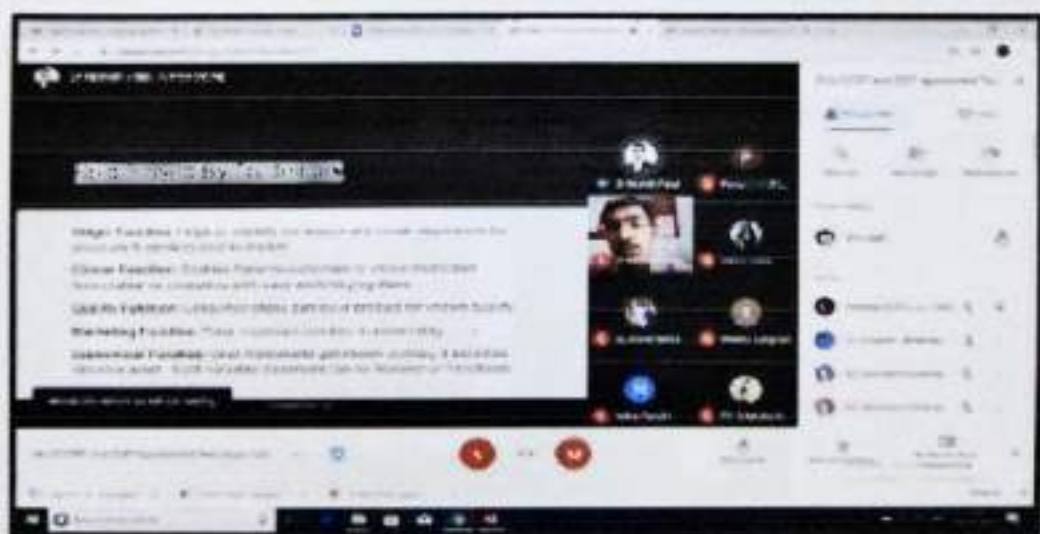


Figure 5: Session by Dr. Praful Bharadia Timing: 11:00 am -12:00pm Day 1(09/04/2021)

Session 3: Dr. Nishith Patel (Associate Professor, Arihant School of Pharmacy, Gandhinagar)

Dr. Patel is a registered Indian Patent agent. Dr. Patel had discussed on role and process of Trademark and Copyright in research and startups. Dr. Patel had briefed about the role played by the Trademark and Copyright. How to manage copyright and how to prevent copyright infringement was also discussed in his session. To understand the process and importance of managing and preventing the trademark and copyright some case studies are also discussed by Dr. Patel with the participants for better understanding.



(Figure 6. Session by Dr. Nisith Patel Timing:01:00pm -02:00pm Day 1(09/04/2021)

Session 4: Mr. Amit Patel (Director, PATectual IP Law services)

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Mr. Amit Patel started the technical session of Day 2 on topic role and process of Patent in research and startups. Mr. Patel shared his experience how the innovations and research can be converted into intellectual property. Mr. Patel explained what the patentable and non patentable inventions in India are. Mr. Patel also explained the process, comparative trends in filing and fees structure and requirement to be submitted for filing process. Mr. Patel also explained some examples and case studies to learn what inventions are patentable and what are non patentable inventions.



Figure 7. Session by Mr. Amit Patel Timing: 10:00am -11:00am Day 2(10/04/2021)

Session 5: Dr. Nirav Majmudar (Corporate trainer and Business coach)

*Nirav*

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A session from Dr. Mehal Thakkar was cancel at last moment due to covid-19 situation. Therefore enforced situation last minute Dr. Nirav Majmudar have replaced Dr. Mehal Thakkar. Dr. Nirav who is a professional corporate trainer, has delivered his session on Innovation and Entrepreneurship: Lessons from Elon Musk. Dr. Majmudar shared various skills for being good entrepreneur and had interactive session with the participants. Dr. Majmudar also encourages participants to initiate thing early and started learning various technical and fundamental skills for being a good entrepreneur.

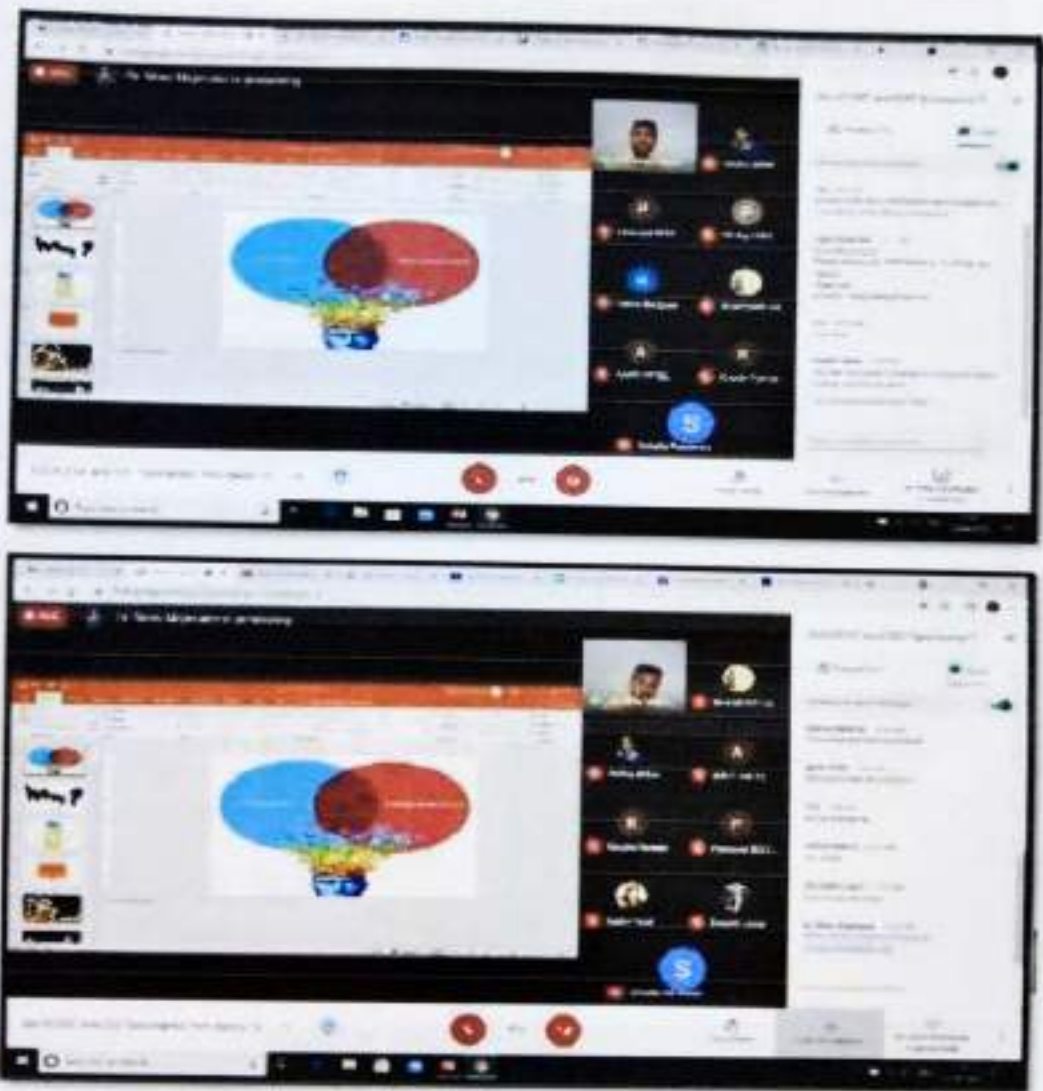


Figure 8: Session by Dr. Nirav Majmudar Timing: 11:00am-12:00pm Day 2(10-04-2021)

Session 6: Dr. Biren Shah (Professor, SNLPCP, Umrah, Bardoli)

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Dr. Shah has started his session on topic Research and Writing skills in education. Dr. Shah has explained some important points like how to analyze the information sources for grammar, for article review, for information retrieval. Dr. Shah has explained some points like importance of engagement, proofreading, revising, spelling, vocabulary, clarity, brevity in research writing. Dr. Shah also explained importance of plagiarism in research writing and steps to overcome the problem.



Figure 9. Session by Dr. Biren Shah Timing:01:00pm -02:00pm (Day 2( 10/04/2021)

**Valedictory session:** After completion of all the technical session on 10/04/2021 day two of E-seminar the valedictory session was started at 02:00pm onwards. The results of online competitions were declared. More than 40 participants have submitted for online essay and



painting competition. There were final 21 entries submitted before deadline of submission in painting competition. There were 20 entries submitted before deadline of submission in essay competition. Participants have enthusiastically drawn on the theme "Together We can- COVID-19 vaccination program in India". Results are declared at the end of the 2<sup>nd</sup> day valedictory session. The results are mentioned for above said event is as below.

Table 1: Results of essay competition

RANK	PARTICIPANTS NAME	ORGANIZATION/INSTITUTE
1	BHARTI ABHISHEK	ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY, VAPI-GUJARAT
2	SULEMAN KHOJA	GANPAT UNIVERSITY, MEHSANA, GUJARAT.
3	PATEL ADITI AND PATRAWALA SOHAILA	BHAGVAN MAHAVIR PHARMACY COLLEGE, SURAT-GUJARAT.

Table 2: Results of painting competition.

RANK	PARTICIPANTS NAME	ORGANIZATION/INSTITUTE
1	BHAVSAR URJA	ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY, VAPI-GUJARAT
2	JOSHI URVI	ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY, VAPI-GUJARAT
3	SIHWETA SANGHANI	BHAGVAN MAHAVIR PHARMACY COLLEGE, SURAT-GUJARAT.

Dr. Chirag Desai has expressed sincere thanks to GUJCOST for providing financial assistance for organizing E-Seminar. E-Certificates have been issued to the participants after successful completion of E-Seminar. The Participants have expressed their feedback in the virtual platforms.

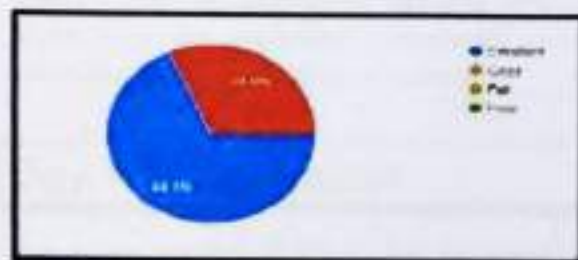


Figure 10: Response from participants about E-Seminar.

  
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# A REPORT ON Refresher Course for Registered Pharmacists



## INTRODUCTION

This was the eighth GSPC sponsored refresher course for Registered Pharmacists organised by ROFEL Shri G.M. Bilakhia college of Pharmacy. It was a Two days online program conducted on 27<sup>th</sup> and 28<sup>th</sup> March 2021, by online mode using ZOOM platform at ROFEL Shri G. M. Bilakhia college of Pharmacy, ROFEL Namdha Campus, Vapi.

Course Director : Dr. Arindam Paul  
Course coordinator : Dr. Alisha Patel  
Course Co-coordinator : Mr. G. Santhana Kumar

## 1: Registration

Online registration done by filling Google form through link shared on GSPC website as well as through social media. Flyer and pamphlets were shared online to get maximum numbers of registration and responses were really overwhelming with 316 participants confirmed from our side. The information regarding GSPC and use of the new web portal for different activities by the registered pharmacists, including online renewal were provided to candidates by team of refresher course.

## Day 1: Inauguration

The course director and principal, **Dr. Arindam Paul**, welcomed all the delegates and distinguished guests for the online refresher course and the ceremony started with Prayer to goddess Saraswati. Further, **Dr. Alisha Patel**, Coordinator of the course, highlighted the purpose of the day, objectives, significance & itinerary of the program, including the speakers and topics to be discussed. **Rtn. Dipak Shah**, Trustee of ROFEL trust and Additional Secretary, Gujarat Federation of Chemists and Druggists and Executive Committee member, All India Chemist Association have addressed the participants and given best wishes for event. He appraised the delegates with activities of the trust and achievements of the college in recent years. All the delegates then recited the Pharmacists Oath, which was followed by keynote address by **Dr. Montu Patel**, President, Gujarat State Pharmacy

Council, stressed on the importance of ethics and services in pharmacy profession. He also discussed the regulatory changes and challenges in current scenario. The inauguration concluded with Vote of thanks by course co-coordinator, **Mr. G. Santhanakumar**.

## Day 1: Presentation of INTRODUCTION to GSPC

The President, GSPC, **Dr. Montu Patel**, presented the activities and developments of GSPC. The presentation, prepared by the council, included details of the members of the council and current activities. During this presentation, he also explained the use of the new website for online renewal and other member services. He also urged the delegates to utilize the services of the drug Information Centre operated by the council. The presentation concluded with a photographic report of the activities for the year, including refresher courses and DIC. He also guided the delegates regarding rules and regulations which bare the registered pharmacists to rent their license and their consequences.

**Mrs. Disha Tripathi** also given presentation and explained various activities of GSPC and recent updates of GSPC and drug information centre.

## Day 1: SESSION 1 - 4:

In the first session, **Dr. Utsav Parmar**, Deputy Director, News in Doordarshan, Ministry of Information and Broadcasting discussed about "Role of Pharmacist in contagious disease management". He discussed about recent pandemic condition COVID - 19 which is highly contagious and spreading across world. He made aware to all participants for fundamentals of virus, its structure, symptoms, prevention and care to be taken. He also suggested for providing information to patients during counseling by pharmacists.

In the second session, **Novel Drug Delivery System**, Professor, School of Pharmacy, R. K. University, presented on "Adverse Drug Reaction". He discussed history of SDR, risk factors of ADR, Classification and reporting system of ADR. He also discussed about drug-drug interaction, drug-food interaction and toxicity with drugs on organs. The session was informative for participants. There was a lunch break after the second session.

The third session was delivered by **Dr. Indermeet Singh Anand**, Professor, Shri Sarvajank Pharmacy College, provided information about the "Importance of Medication Adherence". He focused on frequency of medication, non-adherence due to missing doses and methods of assessing medication adherence. He guided all pharmacist by discussing role of pharmacist in Medication adherence.

The fourth and last session of the first day was taken by **Dr. Komal Parmar**, Associate Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi. She discussed the "Novel



Drug Delivery System" and highlighted on different drug delivery carriers and application by different routes of administration for effective medication to patients.

All the sessions were well appreciated by the delegates and each session was followed by a panel discussion.

## Day 2: Session 5 - 7

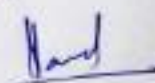
The fifth session of the course was delivered by **Mr. Ashish Dhamat**, Assistant Professor, ROFEL Shri G.M. Bilakha College of Pharmacy, Vapi. Who discussed about the "Pharmacy Practice Regulation 2015". He explained duties of registered pharmacists; Unethical acts, misconduct, punishment and disciplinary actions. The steps suggested and initiatives offered by him for important aspect was highly appreciated by the delegates.

The fifth session was delivered by **Mr. Jitendra Desai**, Pharmacist & owner of Kiddhi medical store, talked about "Digitalization of retail medical stores". He discussed about management of medicines on rack, digital marketing of products, medical records and history of patients, reminder for next visit and follow up, digital payment and billing the practical aspects and benefits relating to digitalization in pharmacy practice. It was a lively and entertaining discussion with participants.

The last lecture of the day and refresher course was given by **Dr. Biren Shah**, Professor, Shree Naranjibhai Laljibhai Patel college of Pharmacy. He talked about "Medication error" its classification, prescription error, dispensing error and administration error. He explained to pharmacist about actions to be taken when error occurs and steps to be taken in preventing medication error.

## Day 2: SESSION 8: (OBJECTIVE TEST)

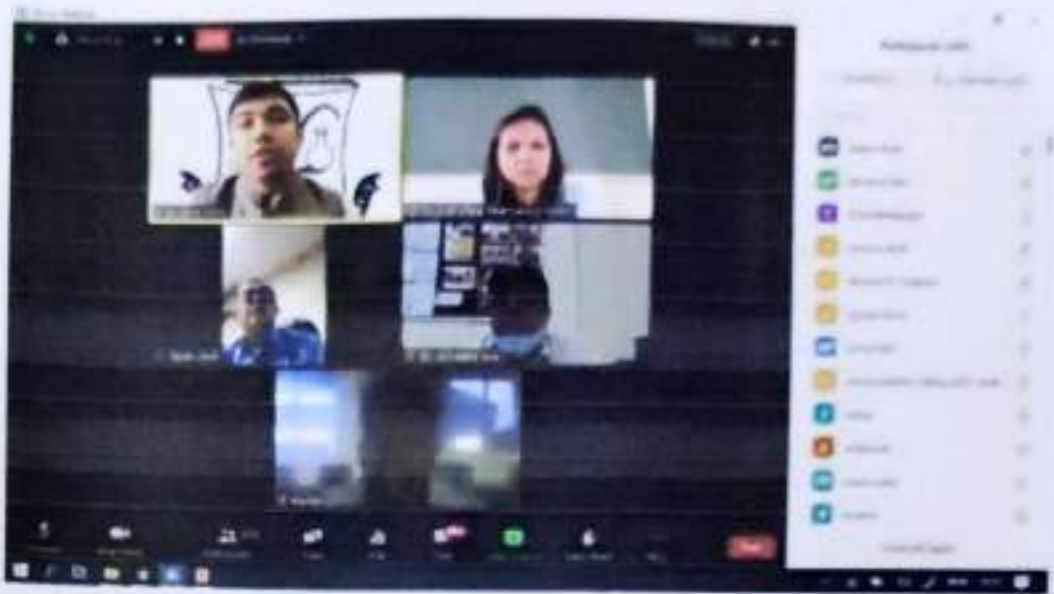
The last session following lunch on day 2 was the Objective test conducted by Coordinators of course, **Dr. Alisha Patel and Mr. G.Santhanakumar**. The objective test consisted of 20 multiple choice questions. The Objective test were conducted through online mode via sharing link of Google form through chat box of Zoom as well as through WhatsApp group made for refresher course. The Multiple choice questions in form of quiz were made to get auto check with google and the Score sheet for objective test were checked and analyzed. All the delegates successfully completed with a greater than 40 % score.



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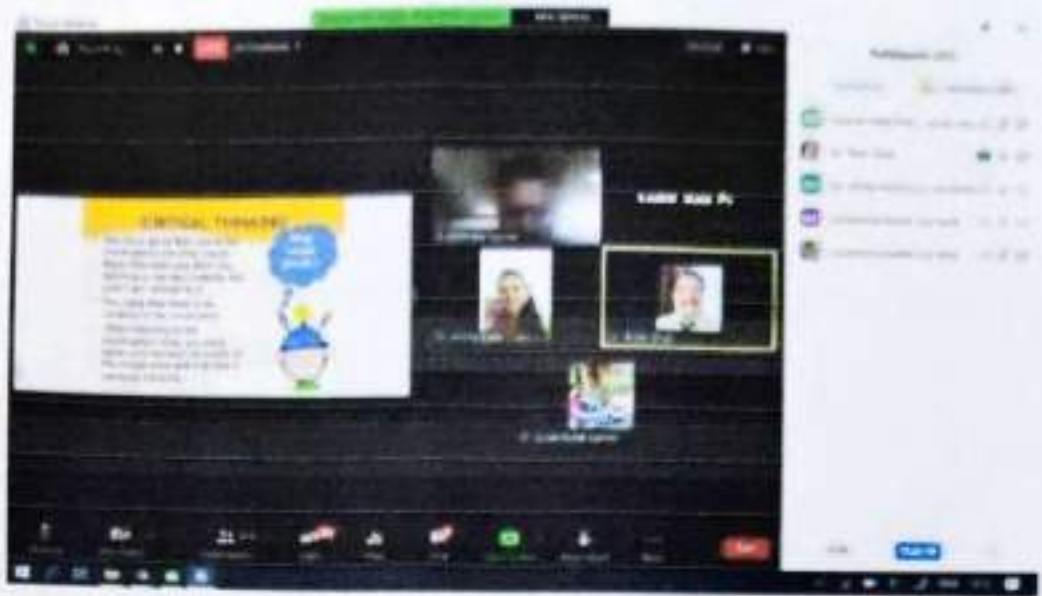




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**CONNECTED TO IT BY DIGITAL PLATFORM**

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# GUJARAT STATE PHARMACY COUNCIL

SPONSORED

## "REFRESHER COURSE FOR REGISTERED PHARMACIST"

DATE: 8<sup>th</sup> & 9<sup>th</sup> February 2020



Venue: MULTIPURPOSE HALL, 2<sup>ND</sup> FLOOR, ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY, ROFEL NAMDHA CAMPUS, VAP: NAMDHA ROAD, VAPI

### PROGRAM SCHEDULE

DAY-1 DATE: 8 <sup>TH</sup> FEBRUARY 2020 (Saturday)		
TIME	TOPIC	SPEAKER
0830 - 0930	REGISTRATION AND BREAKFAST	
0930 - 1030	INAUGURATION CEREMONY	
1030 - 1100	Presentation: Introduction to Gujarat State Pharmacy Council	—
1100 - 1200	Lecture-1 : Drug- Food Interactions	Mr. Jitesh Jariwala, Assistant Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi
1200 - 1300	Lecture-2 : Drug Discovery & Development	Dr. Komal Parmar, Associate Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi
1300 - 1400	LUNCH	
1400 - 1500	Lecture-3: Accreditation of Pharmacy Drug Stores	Dr. Alisha Patel, Associate Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi
1500 - 1600	Lecture-4: Management of Poisoning	Mr. G. Santhakumar, Assistant Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi
DAY-2 DATE: 9 <sup>TH</sup> FEBRUARY 2020 (Sunday)		
TIME	TOPIC	SPEAKER
0900 - 1000	BREAKFAST	
1000 - 1100	Lecture-5 : Safe Disposal of Medicines	Dr. Sandesh Lodha, Associate Professor, Maliba Pharmacy College (M.Tamadi) University, Gandhinagar
1100 - 1200	Lecture-6: Self Medication and Its Demerits	Dr. Vinod Jain, Professor & Principal, Bhagwan Mahaveer College of Pharmacy, Surat
1200 - 1300	Lecture-7: Digitization in Retail Medical Store	Mr. Girish Vaghela, Drug Inspector, U <sup>n</sup> of Daman & Diu, Directorate of Medical & Health Services, Daman
1300 - 1400	LUNCH	
1400 - 1500	Session-8 (Objective Test)	Coordinators: Mr. Nitul Dabel & Mr. G. Santhakumar
1500 - 1600	Valedictory Function and Distribution of Certificates	

Mr. G. Santhakumar  
(Co-Coordinator)

Mr. Nitul Dabel  
(Coordinator)

Dr. Arvind Patel  
(Course Director)

ORGANISED BY:

**ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY**

ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)

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# A REPORT ON Refresher Course for Registered Pharmacists



## INTRODUCTION

This was the seventh GSPC sponsored refresher course for Registered Pharmacists organised by ROFEL Shri GM Bilakhia college of Pharmacy. It was a 2 day program conducted on 8<sup>th</sup> and 9<sup>th</sup> February 2020, at the Multipurpose hall, ROFEL Shri G. M. Bilakhia college of Pharmacy, ROFEL Namdha campus, Vapi

Course Director : Dr. Arindam Paul  
Course coordinator : Mr. Mittal Dalal  
Course Co-coordinator : Mr. G. Santhana Kumar

## DAY 1: Registration and Breakfast

Mr. Sranshu Lad and Mr. Kiran Solanki welcomed all the delegates at the registration counter and also distributed the Kits, containing a folder, writing pad, pen, study material relating to the course, pamphlets with information regarding GSPC and use of the new web portal for different activities by the registered pharmacists, including online renewal. The delegates then proceeded for breakfast, with instructions to assemble at the Hall by 9:30 am for the Inaugural function. A total of 94 delegates attended the Refresher Course.

## Day 1: Inauguration

The course director and principal, Dr. Arindam Paul, welcomed the delegates and escorted the distinguished guests for Lamp Lighting ceremony. Shri Ashis Roy, Secretary ROFEL trust and Shri Dipak Shah, Secretary, Gujarat Federation of chemists and druggists association and Trustee, ROFEL trust along with the Principal and speakers lighted the lamp to mark an auspicious start to the program. Mr. Mittal Dalal, Coordinator of the course, highlighted the objectives, significance & itinerary of the program, including the speakers and topics to be discussed. All the delegates then recited the Pharmacists Oath, which was followed by keynote address by Shri Ashis Roy. He appraised the delegates with activities of the trust and achievements of the college in recent years. Shri Dipak Shah, in his speech, stressed on

Principal  
Dr. Arindam Paul  
Shri G. M. Bilakhia College of Pharmacy  
VAPI

the importance of ethics and services in pharmacy profession. He also discussed the regulatory changes and challenges in current scenario. The inauguration concluded with vote of thanks by course coordinator, Mr. G. Santhana Kumar.

## Day 1: Presentation of GSPC

The course coordinator, Mr. Mittal Dalal, presented the activities and developments of GSPC. The presentation, prepared by the council, included details of the members of the council and current activities. During this presentation, Mr. Mittal also explained the use of the new website for online renewal and other member services. He also urged the delegates to utilize the services of the drug information centre operated by the council. The presentation concluded with a photographic report of the activities for the year, including refresher courses and DIC.

## Day 1: SESSION 1 - 4:

In the first session, Mr. Jitesh Janiwala, Assistant Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi, discussed about drug-food interactions. He discussed the common interactions leading to altered therapeutic effect and possibility of adverse effects. He also suggested including this information during counseling by pharmacists.

In the second session, Dr. Komal Parmar, Associate Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi, presented recent trends in "Drug Discovery & Development". There was a lunch break after the second session. Delegates enjoyed the nutritious vegetarian food and returned for the further sessions.

In the third session, Dr. Alisha Patel, Associate Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi, provided information about the "Accreditation of Pharmacies and Drug stores".

The fourth and last session of the day was taken by Mr. G. Santhana Kumar, Assistant Professor, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi. He discussed the "Management of poisoning" and highlighted the role of pharmacist in prevention as well as emergency first aid management.

All the sessions were well appreciated by the delegates and each session was followed by a panel discussion.

## Day 2: Session 5 - 7

The speakers for the day, course coordinator and two senior delegates were invited for the lamp lighting on the second day to kickstart the proceedings.



The fifth session of the day was delivered by Dr. Sandesh Lodha, Associate Professor, Maliba Pharmacy College, Uka Tarsadia University, Bardoli, who discussed about the "Safe Disposal of Medicines". The steps suggested and initiatives offered for this important aspect was highly appreciated by the delegates. The speaker and coordinator offered to collect such medicines and ensure safe disposal in environmentally acceptable ways.

Dr. Vineet Jain, Professor & Principal, Bhagwan Mihavi College of Pharmacy, Surat, then talked about "The Merits and demerits of Self-Medication". It was a lively and entertaining discussion.

The last speaker of the current course was given by Shri Girish Vaghela, Drug Inspector, Daman & Member, GSPC. He talked about the practical aspects and benefits relating to "Digitization in Retail medical stores".

## Day 2: SESSION 8: (OBJECTIVE TEST)

The last session following lunch on day 2 was the Objective test. The objective test consisted of 20 multiple choice questions. The papers were checked in a short time and the results announced. All the delegates successfully completed with a greater than 50 % score. The top 5 scorers were given a prize by the organizing committee.

## DAY 2: VALEDICTORY FUNCTION


The session ended with the Valedictory function, which was chaired by Mr. Hitesh Bhuria, Treasurer GSPC and Mr. Girish Vaghela, Member, GSPC. Live feedback was taken from the delegates apart from the rubric feedback from, which was filled by all delegates. Four delegates came forward and appreciated the course and were happy to get upgraded.


Mr. Hitesh Bhuria addressed the delegates and solved their queries relating to council activities.

All the candidates were given the Certificate for successful participation at the venue itself, by the Chief Guest - Mr. Hitesh Bhuria and Mr. Girish Vaghela. The delegates were happy to get the opportunity to have a photograph, receiving the certificates from distinguished guests. All the photos were later uploaded to a facebook page.

Mittal Dalal  
Course Coordinator



  
Dr. Arindam Paul  
Course Director

  
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VAPI

**GUJCOST Sponsored One Day National Seminar on  
"Current Scenario and Scope of Drug Regulatory Affairs in  
Pharma Industry"**

**Venue:** Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.  
**Date:** 18<sup>th</sup> January 2020

**ORGANISED BY:**



**ROFEL SHRI G.M. BILAKHIA COLLEGE OF  
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**ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)**



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Tel.: (079) 23259362-65 Fax: (079) 23259363

Website: [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)

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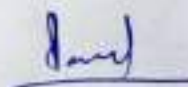


## PROCEEDING REPORT

One Day GUJCOST sponsored National Seminar was organized by ROFEL, Shri G.M. Bilakhia College of Pharmacy, Vapi. The theme of the workshop was "Current Scenario and Scope of Drug Regulatory Affairs in Pharma Industry". This Seminar was organized for the purpose of sharing the regulatory guidelines prevailing in pharma industry. A total number of 112 delegates participated in this seminar. The program schedule was as follows:

### PROGRAM SCHEDULE:

DATE: 18 <sup>th</sup> January 2020 (Saturday)		
TIME	TOPIC	SPEAKER
0830 to 0915	REGISTRATION AND BREAKFAST	
0915 to 1000	INAUGURATION	
1000 to 1115	Session -1: An Overview of Drug Approval Processes: IND & NDA	Mr. Pragnesh Donga Scientist - Quality Assurance & Regulatory Affairs, Zydus Research Centre (Cadila Healthcare Ltd.) Ahmedabad
1115 to 1230	Session -2: Industrial Prospects of Drug Regulatory Affairs	Mr. Vijay Satapara CEO, Isazi Pharma and Techno Consultancy Pvt. Ltd, Vadodara
1230 to 1330	LUNCH	
1330 to 1430	Poster Presentation	
1430 to 1545	Session -3: Pharmaceutical prospects of dossier preparation	Ms. Shumika Nayak, Assistant General Manager, Alembic Pharmaceuticals Pvt. Ltd., Vadodara
1545 to 1630	Certificate & Prize Distribution, Valedictory function	



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**PROCEEDING REPORT OF SEMINAR  
DATE: 18<sup>TH</sup> January 2020**

**Registration of Delegates for Seminar (8.30 am to 9.15 am):**



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College of Pharmacy  
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## Inauguration Ceremony (9.15 am to 10.00 am)

The inauguration ceremony commenced with Saraswati Vandana by students, followed by lamp lighting by all dignitaries present. As a part of tradition of Gujarat Technological University and being proudly affiliated with it, GTU Song was played. Floral welcome was given to all dignitaries and invited guests. Dignitaries present during the Inaugural function were:

- Dr. Abhay Deshpande, CEO- Global, Iai Research Foundation, Valvada
- Rtn. Bharat Patel, Trustee, ROFEL Trust
- Rtn. Praful Dewani, Trustee, ROFEL Trust
- Rtn. Dr. R.T. Singh, President, Rotary Club of Vapi
- Mr. Pragnesh Donga, Scientist - Quality Assurance & Regulatory Affairs, Zyclus Research Centre
- Dr. Arindam Paul, Principal, ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi

Welcome address was given by **Dr. Arindam Paul**, Principal of college. He expressed his immense pleasure for the presence of delegates in commendable numbers. **Rtn. Bharat Patel, Trustee-ROFEL Trust** gave best wishes to the delegates of seminar and emphasized with his experiences, the importance and relevance of topics included in seminar for the students of pharmacy and society. **Dr. Komal Parmar**, Associate Professor and Coordinator of seminar briefed on the purpose of seminar. **Mr. Mittal Dalal**, Associate Professor gave brief introduction of the **Dr. Abhay Deshpande**, Chief Guest and Keynote speaker of the seminar.

**Dr. Abhay Deshpande**, CEO, JRF Global, Vapi during his keynote address, briefed with a powerpoint presentation on the following points:

- a) What is the role of regulatory guidelines in pharma industry
- b) What are key guidelines to be followed
- c) Scope of regulatory affairs etc.

The inaugural session ended with vote of thanks by Mr. Mittal Dalal followed by national anthem. Technical session started after a break of 10 mins.

## Glimpses of Inaugural function:



Lamp Lighting by Dignitaries



Dignitaries and Delegates during National Anthem

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VNPL

## **Glimpses of Inaugural function:**



Keynote address by Chief Guest, Dr. Abhay Deshpande  
CEO, JRF Global, Vadodra



Memento presented to Chief Guest, Dr. Abhay Deshpande  
By Trustee of ROFEL, Trustee: Rev. Bharat Patel



Floral welcome of Chief Guest, Dr. Abhay Deshpande  
By Dr. Anand Paul, Principal & Professor



Vision of ROFEL Trust by Rev. Bharat Patel,  
Trustee- ROFEL Trust



Dr. Nandini Parmar, Associate Professor &  
Coordinator of Seminar



Dr. Nitin Doshi, Associate Professor &  
HOD of Inaugural function



## Technical Sessions of Seminar

### Technical Session 1:

Talk on "An Overview of Drug Approval Processes: IND & NDA" was given by **Mr. Pragnesh Donga**, Scientist - Quality Assurance & Regulatory Affairs, Zydus Research Centre (Cadila Healthcare Ltd.) Ahmedabad. He explained drug approval process with minute details. Investigational New Drug Application (IND) and New Drug Application (NDA) in drug approval process was also explained in minute detail. Starting from basics of drug approval process, he covered detail requirements for IND and NDA approval process. He also briefed on electronic submission process thoroughly.



### Technical Session 2:

**Mr. Vijay Satapara** delivered a talk on "Industrial Prospects of Drug Regulatory Affairs". The main focus was on dossier preparation. His talk was on various detailed aspects of common technical document. He illustrated the submission of dossier by eCTD by graphical illustrations of the software. Most delegates participated in the question answer session at the end of the talk. Dr. Arindam Paul, Principal and Professor felicitated Mr. Vijay Satapara with a memento and a certificate.



### **Lunch Time:**



### **POSTER PRESENTATION SESSION**

Post lunch poster presentation session was organised for the delegates. A total of 15 delegates presented their poster prepared on various topics of pharmacy. **Dr. Ashok Akbari**, Associate Professor, Shree Naraynshiva Lalbhai Patel College of Pharmacy, Umrakh judged the posters. Students actively answered the questions raised by the judge.



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### **Technical Session 3:**

A talk on "Pharmaceutical prospects of dossier preparation" was delivered by **Ms. Bhumika Nayak**, Assistant General Manager, Alemtic Pharmaceuticals Pvt. Ltd. Vadodra. She covered the dossier preparation and submission process. She emphasized types of common technical documents to be applied in different countries.

She focused on registration and management of dossier. Content of dossier was discussed in detail. Overall lecture was quite informative and presented detailed description about dossier preparation and submission in pharma industry. At the end of talk, Dr. Hitesh Dalvadi, Associate Professor felicitated Ms. Bhumika Nayak) with a memento and certificate.



### **Valedictory Session:**

Floral welcome of Rtn. Subhash Panchal, Trustee of ROFEL Trust was given by **Dr. Komal Parmar**, Associate Professor. He wished more such seminars should be organised by the college for the benefit of students and teachers. He also congratulated the organising team of college for successfully organising the Seminar.

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Welcome of Mr. Subhash Parshai, Trustee of ROPEL Trust. Mr. Subhash Parshai, Trustee of ROPEL Trust addressing the audience during Valedictory function.

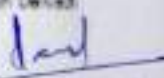
### Certificate Distribution:



Mr. Subhash Parshai, Trustee of ROPEL Trust distributed the certificate, memento and prize of Cash 1000/- to 1<sup>st</sup> (Mr. Rajesh Mourya) and 500/- to 2<sup>nd</sup> (Mr. Zahir Dasa) winner of poster presentation.



Felicitation of Coordinator of Seminar; Dr. Kumar Farmer and to Co-Coordinator; Dr. Hitesh Dikwad by Mr. Subhash Parshai, Trustee of ROPEL Trust.

  
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Live Feedback by delegates of Seminar



Organizing Team (Students Volunteers) of ROPEL, Sri G.M. Bhatia College of Pharmacy of GLODOST Sponsored Seminar



Organizing Team of ROPEL, Sri G.M. Bhatia College of Pharmacy of GLODOST Sponsored Seminar

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A Brief Report on Proceedings of

**GUJCOST Sponsored One Day National Seminar on  
"New Trends and Challenges in Toxicological Studies"**

**Venue:** Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.

**Date:** 13<sup>th</sup> September 2019

**ORGANISED BY:**



**ROFEL SHRI G.M. BILAKHIA COLLEGE OF  
PHARMACY**

ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)



**Investing in Science: Investing in the Future!**

**GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY(GUJCOST)**

Dept of Science & Technology, Govt of Gujarat,

Block - B, 7th Floor, M. S. Building, Sector 11, Gandhinagar 382 011

Tel.: (079) 23259362-65 Fax: (079) 23259363

Website: [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)

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## PROCEEDING REPORT

One Day GUJCOST sponsored National Seminar was organized by ROFEL Shri G.M. Bhalodia College of Pharmacy, Vapi. The theme of the workshop was **"New Trends and Challenges in Toxicological Studies"**. This Seminar was organized for the purpose of sharing the recent trends related to toxicological studies. A total number of 130 delegates participated in this seminar. The program schedule was as follows:

### PROGRAM SCHEDULE:

DATE: 13 <sup>th</sup> September 2019 (Friday)		
TIME (In hrs)	TOPIC	SPEAKER
0830 - 0930	REGISTRATION AND BREAKFAST	
0930 - 1030	INAUGURAL & KEYNOTE ADDRESS	<b>Dr. S Rajesh Sundar</b> Vice President, Zybus Research Center, Cadila Healthcare Ltd, Ahmedabad
1030 - 1130	Session-1: Regulatory Toxicology Requirements and Challenges	<b>Dr. S Rajesh Sundar</b> Vice President, Zybus Research Center, Cadila Healthcare Ltd, Ahmedabad
1130 - 1230	Session-2: Safety Pharmacological Evaluation of NMEs: Core battery and new Initiatives.	<b>Mr. Vishwanath Pawar</b> Deputy General Manager, Zybus Research Center, Cadila Healthcare Ltd, Ahmedabad
1230 - 1330	LUNCH	
1330 - 1430	Session-3: Genotoxic impurities in Pharmaceutical drugs	<b>Dr. Ravi Yadav</b> V. Manager, Analytical Development Lab, Igla, Thane, Maharashtra
1430 - 1530	Session-4: Clinical toxicological manifestation due to polypharmacy, secondary to multiple consultations.	<b>Dr. Sunil Deshpande</b> Venereologist and Dermatologist, Vivad
1530 - 1600	VALEDICTORY FUNCTION AND DISTRIBUTION OF CERTIFICATES	



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**PROCEEDING REPORT OF SEMINAR**  
**DATE: 13<sup>TH</sup> September 2019**

**Registration of Delegates for Seminar (8.30 am to 9.30 am):**



**Venue of Seminar:**



*[Signature]*  
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## Inauguration Ceremony (9.30 am to 10.30 am)

The inauguration ceremony commenced with Saraswati Vandana by students, followed by lamp lighting by all dignitaries present. As a part of tradition of Gujarat Technological University and being proudly affiliated with it, GTU Song was played. Floral welcome was given to all dignitaries and invited guests. Dignitaries present during Inaugural function were:

- Dr. S Rajesh Sundar, Vice-President, Zydus Research Centre (Cadila Healthcare), Ahmedabad.
- Rtn. Ashis Roy, Secretary-Trustee, ROFEL Trust & Director, Guardian Plastics Ltd. Vapi
- Rtn. Dipak R. Shah, Trustee, ROFEL Trust
- Rtn. Dr. R.J. Singh, President, Rotary Club of Vapi
- Rtn. Subhash Panchal, Trustee, ROFEL Trust
- Mr. Vishwanath Pawar, DGM, Zydus Research Centre (Cadila Healthcare), Ahmedabad.
- Dr. Ravi Yadav, Sr. Manager, Analytical Development Lab, Cipla, Thane, Maharashtra
- Dr. Sunil Deshpande, Venerocologist and Dermatologist, Valsad
- Dr. Kedar Shukla, Director, GTDC Rajju Shroff ROFEL Institute of Management Studies, Vapi
- Dr. Arindam Paul, Principal, ROFEL Shri G M. Bhatnagar College of Pharmacy, Vapi

Welcome address was given by **Dr. Arindam Paul**, Principal of college. He expressed his immense pleasure for the presence of delegates in commendable numbers. **Rtn. Dr. R. J. Singh**, President of Rotary Club of Vapi, gave best wishes to delegates of seminar and emphasized with his experiences, the importance and relevance of topics included in seminar for the students of pharmacy and society. **Rtn. Dipak Shah**, Trustee of ROFEL trust, addressed audience on vision of ROFEL Trust. **Dr. Ankit Meral**, Associate Professor and Coordinator of seminar briefed on the purpose of seminar. **Mr. Mittal Dalal**, Associate Professor gave brief introduction of the **Dr. S. Rajesh Sundar**, Chief Guest and Keynote speaker of seminar.

**Dr. S. Rajesh Sundar**, Vice President, Zydus Research Center (Cadila Healthcare) during his keynote address, briefed with a powerpoint presentation on (a) Current status of Pharma-biotech industry in India and their challenges, (b) What pharmacologists can do in industry and drug discovery? (c) Current market status of toxicity testing, (d) Major objectives of toxicology, challenges on toxicological assessment and its role in drug development (e) recent trends in toxicology etc. The inaugural session ended with vote of thanks by Mr. Mittal Dalal followed by national anthem. Technical session was started after a break of 10 mins.

## Glimpses of Inaugural function:



Lamp Lighting by Dignitaries



Welcome speech by Dr. Arindam Paul, Principal of college

## Glimpses of Inaugural function:



Dr. Mittal Datta, Associate Professor & MDC of Inaugural Function



Dr. Ankit Mehta, Associate Professor & Coordinator of Seminar



Best Wishes by Rot. Dr. R.J. Singh, President-Rotary Club of Vapi



Vision of ROPEL Trust by Rot. Dipak R. Shah, Trustee-ROPEL Trust



Warm Welcome of Chief Guest, Dr. S. Rajesh Sankar By Dr. Arindam Das, Principal & Professor



Keynote address by Chief Guest, Dr. S. Rajesh Sankar, Vice President, Zydus Research Centre (Cellis Healthcare) Ahmedabad

*Arindam Das*  
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Rotary Club of Vapi  
College of Pharmacy  
VAPI



## Technical Sessions of Seminar

### Technical Session 1:

Talk on "Current requirements and challenges in regulatory toxicology" was given by Dr. S. Rajesh Sundar, Vice President, Zydus Research Centre (Cadila Healthcare), Ahmedabad. He gave an detailed lecture on product specific regulatory requirements for toxicological studies. Macro ideas & minute details of toxicological studies to be carried out during New Chemical Entity (NCE) development was explained well.

Starting from basic understanding of toxicology, he covered different topics like, off target profiling, role of ADME information in toxicology & exploratory toxicology. He also thoroughly explained regulatory requirements for toxicology in India, USFDA, EMA, OECD & ICH alongwith toxicological requirements for excipients, medical devices & genetic toxicology.

Dr. Sundar focused on practical approaches and observations to be carried out during toxicological experiments. The concept of NOEL, LOEL, LOAEL & FEL was explained alongwith clinical and biochemical markers. At the end of talk, Dr. Arindam Paul, Principal of college felicitated Dr. S. Rajesh Sundar with a memento and certificate.



### Technical Session 2:

Mr. Vishwanath Pawar delivered a talk on "safety pharmacological evaluation of NMEs: Core battery and new initiatives. The main focus was on safety pharmacology. His talk was on various detailed aspects of safety pharmacology such as its importance and purpose and how it is important in relation to toxicology? The safety guidelines was described under various sections of ICH were covered and explained in detail especially ICH S7A guidelines with described core battery studies, core battery parameters and measurement techniques involving effects on major body systems (i.e., CNS, CVS and Respiratory system).

Description was given of general considerations for selection and design of safety studies with considerations of test systems like pharmacodyname responsiveness of model, pharmacokinetic

and other parameters of drugs/test substances, animal studies, ex vivo and in vitro systems with its inclusion of various studies (i.e., isolated organs, cell culture, receptors etc.).

He also focused on GLP requirements for safety pharmacology to be done in accordance with OECD GLP principles. Also covered ICH- S7A & ICH- E14 guidelines in which following points were discussed (a) non-clinical testing strategy for assessing the potentials of test substance to delay ventricular repolarisation (b) In-vitro I<sub>c</sub> assay and in-vivo QT assay (involvement of electrophysiology toxicity study), (c) HERG safety margin for low risk of pro-arrhythmia.

The brief explanation on CIPA (Comprehensive in-vitro pro-arrhythmia assay) and MICE (multiple ion channel evaluation) was given by him. Another safe mechanism/ study system explained was "in-silico mechanistic computational modelling", with its advantage over clinical studies and in-vitro studies which contained risk in human stem cells and on electrophysiology. Interpretation of ECG with illustrative examples was also shown and explained. At the end of talk, Dr. Ankit Mehta, Associate Professor felicitated Mr. Vishwanath Pawar with a memento and certificate.



### Lunch Time:



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### Lunch Times:



### Technical Session 3:

A talk on "Genotoxic impurities in pharmaceutical drugs" was delivered by Dr. Ravi Yadav, Sr. Manager, Analytical Development Lab, Cipla Ltd., Mumbai. He covered the whole ICH guideline with special emphasis in impurity guidelines Q3-A to D. Impact of genotoxic impurities was explained in very nice manner alongwith case studies such as "How sometimes normal excipient can be converted into genotoxic impurity and hence being the reason for BATCH RECALL. He also covered the various guidelines that are followed throughout the world for impurity testing. He emphasized and experienced that UK guidelines specify each perspective for impurity profiling in a very specific manner.

He mainly focused on the specific and sensitive analytical techniques such as HPLC, GC, LCMS, GCMS, ion chromatography along with their LOQ levels that are used for impurities profiling. Importance of sensitive methods in case of impurity profiling was covered in very much detail along with CASE STUDY & USP limits. Overall lecture was quite informative and presented detailed description about appropriate preformulation study as well as importance of developing sensitive and specific analytical methods to prevent future threats and financial loss in pharmaceutical industries. At the end of talk, Mr. Tularam Barot, Assistant Professor felicitated Dr. Ravi Yadav with a memento and certificate.



### Technical Session 4:

Lecture on "Toxicological manifestations due to polypharmacy secondary to multiple consultations" was delivered by Dr. Sunil Deshpande, a famous and experienced dermatologist among Valsad District. He discussed all his experiences with us in form of pictorial representations, along with prescriptions. He insisted for a joint effort of physicians and pharmacists together for better treatment of patients and to prevent side effects or drug-drug interactions.

He discussed on how the polypharmacy due to multiple consultations are hazardous. It is not only hazardous but sometimes lethal. He advised to keep personal medical history file in very concise form to prevent from such serious side effects as well as to prevent allergic conditions. Drug-drug interactions are mainly seen on the surface of body and that is why it is misinterpreted as skin infections. So, he also explained various risk factors behind self medication based on previous historical data.

He discussed ideal ways to write the prescription and also about the seriousness about the polypharmacy. Lastly, one nice initiative taken by him was "SHOULD I DEPRESCRIBE?" and motivate pharmacists to startup such campaign combined with doctors for the betterment of society. At the end of talk, Dr. Hitesh Dalvadi, Associate Professor felicitated Dr. Sunil Deshpande with a memento and certificate.



  
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## Valedictory Session:

Floral welcome of Rtn. Subhas Panchal, Trustee of ROFEL Trust was given by Mrs. Megha Shah, Assistant Professor. He wished more such seminars should be organised by the college for the benefit of students and teachers. He also congratulated the team of college for successfully organising the Seminar.



## Certificate Distribution:



Rtn. Subhas Panchal, Trustee of ROFEL Trust distributed the certificate to delegates.



As a token of appreciation, a small gift was given to students who volunteered this seminar to  
Ms. Minerva Bhatnagar, Manager (Drug Reg.) *Minerva Bhatnagar*, Cerebro Laboratories Pvt. Ltd.



Felicitation of Dr. Amit Patel, Associate Professor & Coordinator of GDCOST Sponsored Seminar by Mr. Subhash Parshol, Trustee-ROFEL Trust



Vote of THANKS by Mr. Nitish Datta, Associate Professor



Live Feedback by delegates of Seminar



Organizing Team of ROFEL-2019 G.M. Bhatia College of Pharmacy and Health Sciences, VAPI, Gujarat and Faculty of GDCOST Sponsored Seminar

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**A Brief Report on Proceedings of**

**GSPC SPONSORED**  
**"TWO DAY REFRESHER COURSE FOR REGISTERED PHARMACIST"**

**Venue:** Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.  
**Date:** 16<sup>th</sup> & 17<sup>th</sup> March, 2019

**ORGANISED BY:**



**ROFEL SHRI G.M. BILAKHIA COLLEGE OF  
PHARMACY**

**ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)**



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**PRINCIPAL**

**GUJARAT STATE PHARMACY COUNCIL (GSPC)**

**Old College of Pharmacy**  
Gujarat State Pharmacy Council, Old Nursing College Building, Block No.- 4/A, 3rd Floor,  
Opp. Cancer Hospital, Gate No. - 6, Asarwa, Ahmedabad - 380016

**Tel. : +91-79-22681012**

**Website: [www.gujaratpharmacycouncil.org](http://www.gujaratpharmacycouncil.org)**

**Proceeding Report of GSPC Sponsored Refresher Course  
for Registered Pharmacist  
DATE: 16<sup>TH</sup> & 17<sup>TH</sup> March 2019**

**PROGRAM SCHEDULE:**

<b>DAY-1 DATE: 16<sup>TH</sup> MARCH 2019 (Saturday)</b>		
<b>TIME</b>	<b>TOPIC</b>	<b>SPEAKER</b>
0830 - 0930	<b>REGISTRATION AND BREAKFAST</b>	
0930 - 1030	<b>INAUGURATION</b>	
1030 - 1130	Session-1: Digitization in Retail Medical Stores	<b>Mr. Girish Vaghela</b> Drug Inspector, S.T. at Diseases & Chd. Directorate of Medical & Health Services, Daman
1130 - 1230	Session-2: Road-Map for Development & Commercialization of Herbal Products with reference to latest Regulator Guidelines	<b>Dr. Hardik Soni</b> Sr. Manager, R & D, Vaidya Research Centre (A Branch of Vaidya Research Pvt. Ltd.), Vadodra
1230 - 1330	<b>LUNCH</b>	
1330 - 1400	Presentation: Introduction to Gujarat State Pharmacy Council	<b>Ms. Khushi Pathak</b> Executive Officer, Drug Information Centre, Gujarat State Pharmacy Council
1400 - 1500	Session-3: Medication Error	<b>Ms. Khushi Pathak</b> Executive Officer, Drug Information Centre, Muz at State Pharmacy Council
1500 - 1600	Session-4: Food / Drug-Drug Interaction: Mechanism and Clinical Relevance	<b>Dr. Ankit Meral</b> Associate Professor, ROFEL, Shri G.M. Bhabha College of Pharmacy, Vapi

<b>DAY-2 DATE: 17<sup>TH</sup> MARCH 2019 (Sunday)</b>		
<b>TIME</b>	<b>TOPIC</b>	<b>SPEAKER</b>
0900 - 0930	<b>BREAKFAST</b>	
0930 - 1030	Session-5: Medication Adherence: A major factor in patient compliance	<b>Dr. Chirag Desai</b> Associate Professor, I.M.S. & N.R. Swarnashree Pharmacy College, Solapur, Vapi
1030 - 1130	Session-6: Chronopharmacology & its Implication in Current Diseases	<b>Mr. G. Santhanakumar,</b> Assistant Professor, ROFEL, Shri G.M. Bhabha College of Pharmacy, Vapi
1130 - 1230	Session-7: Prescription Handling and Patient Counselling	<b>Mr. Mittal Dalal</b> Associate Professor, ROFEL, Shri G.M. Bhabha College of Pharmacy, Vapi
1230 - 1330	<b>LUNCH</b>	
1330 - 1430	Session-8 (Objective Test)	Coordinators: Mr. Mittal Dalal & Mr. G. Santhanakumar
1430 - 1530	<b>Valedictory Function and Distribution of Certificates</b>	



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VAPI



Pharmacists play an important role in community health care providing information on medications to patients. In order to help pharmacist to acquire knowledge of new and banned drugs, drug interactions and side effects, GSPC has started Refresher Courses which is mandatory for all registered pharmacists to attend which enhance their knowledge and practising skills. Two Day GSPC sponsored Refresher course was organized by ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi on 16<sup>th</sup> & 17<sup>th</sup> March 2019. The course started with registration and refreshment at 8:30 am, all the participants were provided the printed course material, along with kit. A total number of 80 delegates participated in this course. The program schedule was as follows:

### **Day 1 Events: 16<sup>th</sup> March 2019**

#### **Registration of Delegates & Breakfast (8.30 am to 9.30 am):**



*Darsh*

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Shri G.M. Bilakhia College of Pharmacy  
Vapi.

## Inauguration Ceremony (9.30 am to 10.30 am)

The Inauguration ceremony commenced with Saraswati Vandana, followed by lamp lighting by all dignitaries present. As a part of tradition Pharmacist oath was taken by all. Floral welcome was given to all dignitaries and invited guests. Welcome address was given by Principal of college **Dr. Arindam Paul**. The program schedule and the purpose of refresher course was briefed by Mr. Mittal Dalal.

**Dr. Hardik Soni**, Sr. Manager, Vasu Research Centre, Vadodara gave the Inaugural address to the audience. **Rtn. Dipak Shah**, Trustee-ROFEL Trust and Additional Secretary, Federation of Gujarat State Chemist Association, gave the presidential address to the working pharmacist. He briefed about the opportunities and challenges for the working pharmacist in the changing policies governing the profession. **Mr. Girish Vaghela**, Drug Inspector, UT of Daman & Diu, Directorate of Medical & Health Services, Daman and Member, Gujarat State Pharmacy Council gave blessings and wished that all pharmacist will implement in their profession, what they are going to learn in this refresher course.

The other invited guests present during Inaugural function were: **Ms. Khushi Pathak**, Executive Officer- Drug Information Centre, Gujarat State Pharmacy Council and **Dr. Kedar Shukla**, Director of GIDC Rajju Shroff ROFEL Institute of Management Studies, Vao.



MOC and Coordinator of Refresher Course: Mr. Mittal Dalal



Welcome address by Dr. Arindam Paul

*Arindam Paul*

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Shri G.M. Shinde College of Pharmacy  
VAPI





Guests lighting the Kalash



Pharmacist Light



Guests welcome to the invited guests

(1) Dr. Harsh Borker by Dr. Anil Mehta, (2) Mr. Anish Pathak by Dr. Anil Mehta, (3) Mr. Dipak Shah by Dr. Anil Mehta, (4) Mr. Brian Vagharia by Dr. Anil Mehta




Inaugural Address by Dr. Parthiv Jain



President's Address by Mr. Dipak Shah



Blessing by Mr. Brian Vagharia

  
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 PATEL  
 SHILPAM, Shilpam College of Pharmacy  
 VAPI

## Technical Sessions of Refresher course

**Mr. Mittal Dalal**, Coordinator of Refresher Course introduced each speaker of the course with their brief resume.

### Session 1:

**Mr. Girish Vaghela**, started the Technical Session with title of the lecture "Digitization in

**Retail Medical store".** Currently Online pharmacy market is on boom, based on this scenario he tried to emphasize how digitization can be used in pharmacy store. He discussed about e-prescription, and modules which can be used for digitization of retail pharmacies. After questions and answer session,

**Dr. Ankit Meral**, Associate Professor felicitated **Mr. Girish Vaghela** with a memento and certificate.



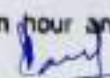
### Session 2:

**Dr. Hardik Soni** took over the next session. The title of the lecture was "Roadmap for Development & Commercialization of Herbal Products with Reference to latest Regulator Guidelines". Initially, he highlighted the difference between phytochemicals, nutraceuticals and herbal supplements. He discussed the various regulatory guidelines governing the Industrial manufacturing and selling of Herbal products on International scale.



At last he talked about the scope and challenges in current ayurvedic/herbal medicinal industry. After completion of question and answer session **Dr. Arindam Paul**, Principal felicitated **Dr. Hardik Soni** with a memento and certificate.

After Session 2 there was a lunch break for an hour and all delegates assembled back to the auditorium at 1.30 pm

  
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### Introduction to GSPC & Session 3:

**Ms. Khushi Pathak**, Executive officer, Drug Information Centre, Gujarat State Pharmacy Council, Ahmedabad gave brief introduction about various activities of GSPC by presenting "**Introduction to Gujarat state Pharmacy Council**". She demonstrated the use of GSPC Mobile Application which can be used by pharmacist for online registration, renewal, profile updation, re-entry, degree addition and drug information centre. On completion of GSPC

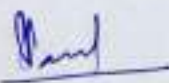


introduction, later she took Technical Session focusing on title "**Medication Error**". She talked about medication error which can occur while practising and necessary actions to be considered for nullifying medication error by working retail pharmacist. At the end of question and answer session, **Mr G. Santhanakumar**, Assistant Professor felicitated **Ms. Khushi Pathak** with a memento and certificate.

### Session 4:

During the last technical session of the day, **Dr. Ankit Meral** delivered talk on title "**Food/Drug-Drug Interaction and Clinical relevance**". With illustrative examples he explained how the Food Drug Interaction occurs, bringing awareness in pharmacist and also explained the care to be taken in case of an event. He also stressed upon the importance of Pharmacovigilance. After question and answer session, **Mr. Chirag Patel**, delegate of refresher course felicitated **Dr. Ankit Meral** with memento and Certificate.





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## Day 2 Events: 17<sup>th</sup> March 2019

On day-2 Breakfast between 9.00 am to 9.30 am as per schedule

### Session : 5

**Dr. Chirag Desai** delivered lecture on title: "**Medication adherence: A Major factor in Patient Compliance**". He explained the importance of medication adherence and also discussed about new innovative strategy like dosing alarm, pill organisers and bio ingestible sensor used to improve medication adherence in patient compliance. After question and answer session,



**Dr. Ankit Merali**, Associate Professor felicitated **Dr. Chirag Desai** with memento and certificate.

### Session 6:

**Mr G. Santhanakumar** gave a technical talk on titled "**Chronopharmacology and its Implication in current disease**". He discussed the working of biological clock, and factors hampering the circadian rhythm. He also discussed the role of circadian rhythm in lifestyle disease and how to adhere with rhythm of biological clock for better therapeutic effect of medications in disease. After question and answer session, **Mr. Mittal Dalal**, Associate Professor felicitated **Mr. G. Santhanakumar** with memento and certificate.



with memento and certificate.

### Session 7:

**Mr Mittal Dalal** delivered lecture on "**Patient Handling and Patient counselling**". He talked about the parts of prescription, guideline for pharmacist and highlighted the importance verbal and Non verbal communication skill in patient counselling.





## Session 8:

**Objective test** was taken by Coordinator and Co-Coordinator of refresher course and token prizes sponsored by **Mr. Mehul Valdyia**, delegate pharmacist were given to the top 5 scorers.



## Valedictory Session:

Apart from feedback form, live feedback was taken by delegates. They expressed their thoughts and insisted that such course should be organised by the college for the benefit of Pharmacist. The delegates expressed that such Refresher course is being useful for improving the knowledge and skills in imparting a role of pharmacist. The certificates of participation to the delegates were distributed by **Rtn. Subhash Panchal, Trustee-ROFEL Trust** and Vote of thanks was given by **Mr. Mittal Dalal** and thus two day Refresher course ended successfully.



**A Brief Report on Proceedings of**

**GUJCOST Sponsored One Day National Seminar on  
"Learning Outcomes Based Pharmacy Education  
and its Applications"**

**Venue:** Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.  
**Date:** 9<sup>th</sup> February, 2019

**ORGANISED BY:**



**ROFEL SHRI G.M. BILAKHIA COLLEGE OF  
PHARMACY**

**ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)**



**Investing in Science: Investing in the Future!**

**GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY (GUJCOST)**

Dept of Science & Technology, Govt of Gujarat,

Block - B, 7th Floor, M. S. Building, Sector-11, Gandhinagar - 382 011

Tel. : (079) 23259362-65 Fax: (079) 23259363

Website: [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)



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Shri G.M. Bilakhia

College of Pharmacy

VAPI



## PROCEEDING REPORT OF SEMINAR DATE: 19<sup>TH</sup> January 2019

One Day GUJCOST sponsored National Seminar was organized by ROPEL Shri G.M. Bilakhia College of Pharmacy, Vapi. The theme of the workshop was **"Learning Outcomes Based Pharmacy Education and its Applications**. This Seminar was organized to understand the basic concepts underlying the Outcome Based Education (OBE) and to expose the use of alternative/ active learning processes. For maximizing the benefits, certain OBE principles have to be adhered while designing the curriculum, new ways of teaching should be implemented in the classroom and outside, active learning exercises must be designed and successfully implemented. Assessment in OBE is checking whether the outcomes written at the starting of the semester have been realised or not, if realised, then, to what extent. To do that, what are the methods faculty should use inside and outside the classroom is an area for discussion. Setting active learning exercise to realize an outcome where students will do and learn rather than listen and learn is extremely important for outcome realisation. A total number of 120 delegates participated in this seminar. The program schedule was as follows:

### **PROGRAM SCHEDULE:**

DATE: 9 <sup>th</sup> February 2019 (Saturday)		
TIME	TOPIC	EXPERT
0800 – 0900	<b>REGISTRATION AND BREAKFAST</b>	
0900 – 1000	<b>INAUGURAL FUNCTION</b>	
1000 – 1100	Session 1: Introduction to Outcome-Based Quality Education; Teaching learning-setting questions, assignments for OBE.	<b>Mr. Bijoy Kumar Panda</b> Assistant Professor, Anand College of Pharmacy, Bha. 20 Vishwajit (Dhule) (Deemed to be University), Dhule
1100 – 1200	Session 2: Curriculum Planning and Mapping Outcomes	<b>Mr. Dattatraya. M. Shinkar</b> Assistant Professor, Sardar Foundation's Sardar Institute of Pharmaceutical Sciences, Nadiad
1200 – 1300	<b>LUNCH</b>	
1300 – 1400	Session 3: Approaches to Attain Graduate Attributes	<b>Dr. Atmaram Pawar</b> Professor & Head, Faculty, Anand College of Pharmacy, Bha. 20 Vishwajit (Deemed to be University), Dhule
1400 - 1500	Session 4: Knowledge, Skills and Attitude requirement in Industry"	<b>Mr. Aniruddh A. Panchal</b> Head - HR Hubsir Group, Vapi
1500 – 1530	<b>PANEL DISCUSSION WITH EXPERTS</b>	
1530 – 1600	<b>VALEDICTORY FUNCTION AND DISTRIBUTION OF CERTIFICATES</b>	

  
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**Registration of Delegates for Seminar (8.00 am to 9.00 am);**



**Breakfast for Delegates (8.00 to 9.00 am)**



*[Signature]*  
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VAPI,



### Auditorium the Venue of Seminar:



### Inauguration Ceremony (9.00 am to 10.00 am)

The inauguration ceremony commenced with Saraswati Vandana, followed by lamp lighting by all dignitaries present. As a part of tradition of Gujarat Technological University and being proudly affiliated with it, GTU Song was played. Floral welcome was given to all dignitaries and invited guests. Welcome address was given by Mr. Mittal Dalal, the MC of Inaugural function, **Dr. Arindam Paul**, Principal of college briefed on the purpose of Seminar and expressed his immense pleasure for the presence of delegates from various colleges. **Rtn. Ketan Patel**, President Rotary Club of Vapi gave best wishes for the success of the seminar. **Rtn. Bharat Patel**, Trustee of ROFEL trust addressed audience on vision of ROFEL Trust and the journey of ROFEL Trust and on the purpose it was incepted.

**Mr. Amit Mehta**, CEO & Director, MAA Foundation, Vapi was invited as Keynote speaker and Chief Guest of inaugural function. He briefed about the various work being done by the MAA Foundation for upliftment of school and college education across districts of Valsad. He briefed about the history of the OBE and how it is important for the growth and employment of graduates passing out from colleges.

**Mr. Ashok Thakkar**, Head- Clinical Research and Medical Writing, Meril Life Sciences Pvt. Ltd., Vapi was the Guest of Honour. He briefed on the importance of industry- academic interaction and asked teachers to be more verse with the latest technologies and fast changing regulations so that it can be taught to the students. He said that that there is a gap between what is being taught to the undergraduates and what is being required in the industry. Therefore, he suggested, not to

limit yourself to the curriculum being prescribed by the University. Instead the students should be made versed with the latest happenings and the changing technologies in the industry.

The other invited guests and experts present during inaugural function were: **Dr. Atmaram Pawar**, Professor and Vice-Principal of Poona College of Pharmacy, Bharati Vidyapeeth, Pune, **Mr. Bijoy Kumar Panda**, Assistant Professor, Poona College of Pharmacy, Bharati Vidyapeeth, Pune, **Dr. Kedar Shukla**, Director of GIDC Rajju Shroff ROFEL Institute of Management Studies, Vapi, **Dr. Vinit Jain**, Principal, Bhagwan Mahaveer College of Pharmacy, Surat; **Dr. Priyankant Vad**, Principal of GIDC Rajju Shroff ROFEL Institute of Management Studies (BBA Programme), Vapi.

**Lamp Lighting ceremony:**





## Floral welcome of Guests & Resource Persons:



Dr. Anand Mishra by Dr. Anandam Paul



Dr. Anand Mishra by Dr. Anand Paul



Mrs. Bharti Patel by Mrs. Anu Sengupta



Mr. Ketan Patel by Dr. Anand Paul



Mrs. Anandha Thevar by Mrs. Madhuri Hegde



Dr. Anand Mishra by Dr. Anand Mishra

## Floral welcome of Guests & Resource Persons:



Dr. Arshad Khan by Dr. Kavya Tripathi



Dr. Farah Shabbir by Ms. Shabnam Khan



Mr. Dharmendra Sharma by Mr. Lakshmi Bhatt



Dr. Vivek Vaid by Mrs. Pragya Kishor



Mr. Anil Kumar Purohit by Mrs. Riya Sengupta



Dr. Anurag Jain by Mrs. Megha Shah

*[Signature]*  
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## Glimpses of Inaugural function



Welcome address by Mr. J. H. Dave



Purpose of Seminar by Dr. Anil Kumar (Principal)



Views of RDSI, Navi by Hon. Anurag Patel (President of RDSI, TNAU)



Best Wishes by Mrs. Katal Patel (President, Rota's Club of Navi)



Dr. Anil Thakkar (Head, Clinical Research & Medical Writing, MedSIP Solutions Pvt. Ltd., Navi)

*Anil Thakkar*  
**PRINCIPAL**

## Glimpses of Inaugural function



Presentation of Dr. Arun Thakur by Dr. Vivek Saxena with a Memento as a token of remembrance.



Keynote Address by Mr. Anil Mishra, CEO, MAA Corporation, USA



Presentation of Mr. Anil Mishra, Chief Guest of function with a memento by Mr. Niranjan Patel as a token of remembrance.



Voice of thanks by Dr. Gopal Parmar

*(Signature)*

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## Technical Sessions of Seminar

After a break of 5 mins, during Technical Sessions Dr. Komal Parmar took over as MOC from Mr. Mittal Dalal and briefed again the schedule of Seminar and introduced each speaker of the Seminar with their brief resume.

### Session 1:

Mr. Bijoy Kumar Panda started the Technical Session with title of the lecture "Introduction to outcome-Based Quality Education, teaching learning-setting questions, assignments for OBE". He described Blooms taxonomy and detailed on its application to measurable form and defining learning objectives. Measurable outcome is the key factor for application in further accreditation process. He explained how the quality of education can be improved through implementation of OBE, active learning and latest pedagogies of learning. With the help of case study, explained how questions should be designed to test various learning objectives as determined according to Bloom's taxonomy. After questions and answer session, Mr. Tularam Barot, Assistant Professor felicitated Mr. Bijoy Kumar Panda with a memento and certificate.



*Dalal*

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VAFI

## Session 2:

Mr. Dattatraya M. Shinkar took over the next session. The title of the lecture was "**Curriculum Planning and Mapping Outcomes**". He first described various terminologies, its importance and then described it in detail: such as Course Outcomes (CO); Program Outcomes (PO); Program Educational Objectives (PEO); and Program Specific Outcomes (PSO). HE explained how CO-PO mapping is done-its justification, various level of attainment-its definition, how it is assigned? and how it is measured with illustrative examples. Later he explained, various direct and indirect methods of program outcome calculations with illustrative examples. Mr. Mittal Dalal, Associate Professor felicitated Mr. Dattatraya M. Shinkar with a memento and certificate



After Session 2 there was a lunch break for an hour and all delegates assembled back to the auditorium at 1.00 pm

  
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VAPL



### Session 2:

Dr. Atmaram Pawar delivered talk on title "Attainment of graduate outcomes. He shared his experience on objective of teaching, student performance and learning outcomes. Briefed on interactive learning, developing thinking ability among students, how to involve the learner with case studies. Described various aspects of graduate or program outcomes with illustrative examples such as pharmacy knowledge, thinking ability, planning ability, leadership skills, professional identity, pharmacist and society, environment and sustainability, professional ethics, professional communication, modern tools usage and life-long learning. At the end of questions and answer session, Dr. Anindam Paul, principal of institute felicitated Mr. Dattatraya M. Shinkar with a memento and certificate.



A handwritten signature in blue ink, which appears to be "Anindam Paul", written over a horizontal line.

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BHU S.M. Bhatnagar College of Pharmacy  
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#### Session 4:

**Mr. Aniruddha Panchal** delivered talk on title "Knowledge, Skills and Attitude requirement in Industry". With illustrative examples of ISO Quality System requirements, he explained in general the competence, training and awareness required in personnel employed in industry. Explained the difference between "Job and Role" of employee. He also stressed upon the importance of institute- industry interaction relationship and briefed how the right skills and attitude in students can be developed for better placement in industry.



A handwritten signature in blue ink, appearing to read "D. Panchal", written over a horizontal line.

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VCL



### Valedictory Session:

After the technical session is over, live feedback was taken by delegates. They expressed their thoughts on the seminar and insisted that such seminar should be organised by the college for the benefit of teachers. The delegates expressed that such seminar is being useful for improving the quality education which will lead to accreditation of programmes. The certificates of participation to the delegates was given away by Mr. Aniruddha Panchal. Vote of thanks was given by Dr. Komal Parmar and the Seminar ended successfully.



Members of Organizing Team of ACEF  Dr. Komal Parmar, Panchal College of Pharmacy

**GUJCOST Sponsored One Day National Seminar on  
"Emerging Technologies in Pharmaceutical Sciences:  
Innovated Methods and Techniques"**

**Venue:** Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.

**Date:** 19<sup>th</sup> Jan, 2019

**ORGANISED BY:**



**ROFEL SHRI G.M. BILAKHIA COLLEGE OF  
PHARMACY**

**ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)**



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**GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY (GUJCOST)**

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Tel. : (079) 23259362-65 Fax: (079) 23259363

Website: [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)



One Day GUJCOST sponsored National Seminar was organized by ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi. The theme of the workshop was **"Emerging Technologies in Pharmaceutical Sciences: Innovated Methods and Techniques"**. This Seminar was organized for the purpose of sharing the scope of 3D Printing and artificial intelligence in pharma field. A total number of 120 delegates participated in this seminar. The program schedule was as follows:

### PROGRAM SCHEDULE:

DATE: 19 <sup>th</sup> Jan 2019 (Saturday)		
TIME	TOPIC	SPEAKER
0830 - 0930	REGISTRATION AND BREAKFAST	
0930 - 1030	INAUGURAL FUNCTION	
1030 - 1130	Session- 1: Artificial Intelligence In Health Care	Mr. Raj Hakani
1130 - 1230	Session- 2: 3D Printing Drug Delivery System: Prospects & Challenges	Mr. Hemal Nayak
1230 - 1300	Session 3: Scientific Poster Display & Evaluation	--
1300 - 1400	LUNCH	
1400 - 1500	Session- 4: Introduction to 3D Printing & Know How of 3D Printing	Mr. Jay Gelani & Mr. Tejas Diyora
1500 - 1545	Session- 5: Demonstration & Hands on Training on 3D Printing	Mr. Jay Gelani & Mr. Tejas Diyora
1545 - 1630	VALEDICTORY FUNCTION AND DISTRIBUTION OF CERTIFICATES	



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VAPI

**PROCEEDING REPORT OF SEMINAR  
DATE: 19<sup>TH</sup> January 2019**

**Registration of Delegates for Seminar (9.00 am to 10.00 am):**



**Breakfast for Delegates (9.00 to 10.00 am)**



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Ethi G.M. Sishay College of Pharmacy  
VAFL



### Auditorium the Venue of Seminar:



### Inauguration Ceremony (10.00 am to 11.00 am)

The inauguration ceremony commenced with Saraswati Vandana by students, followed by lamp lighting by all dignitaries present. As a part of tradition of Gujarat Technological University and being proudly affiliated with it, GTU Song was played. Floral welcome was given to all dignitaries and invited guests.

Welcome address was given by **Dr. Arindam Paul**, Principal of college. He addressed on the purpose of seminar and expressed his immense pleasure for the presence of delegates in commendable numbers. **Rtn. Ketan Patel**, President Rotary Club of Vapi was unable to attend the inauguration function, though addressed the audience with an audio message and provided his best wishes. **Rtn. Ashis Roy**, Secretary-Trustee of ROFEL trust addressed audience on vision of ROFEL Trust.

**Mr. Rajnesh Anand**, CEO & Director, Richter Themis Medicare Pvt. Ltd. Vapi was invited as Keynote speaker and Chief Guest of inaugural function. He briefed about the emerging technologies in the field pharmacy which is going to change the way currently the medicines are manufactured and hence the healthcare.

  
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The other invited guests and experts present during inaugural function were: **Dr. Kedar Shukla**, Director of GIDC Rajju Shroff ROFEL Institute of Management Studies, Vapi, **Mr. Homal Nayak**, Assistant Professor- GTU and **Mr. Raj Hakani**, Assistant Professor- GTU.

**Lamp Lighting ceremony:**



**Floral welcome of Guests:**





## Glimpses of Inaugural function



Welcome Address by **Dr. Arindam Paul**  
Principal of College



Vision and Mission of ROPPE Trust by **Rtn. Ashis Roy**  
Secretary, Trustee of ROPPE Trust



Keynote Address by Chief Guest of Inaugural Function  
**Mr. Rajnesh Anand**, CEO & Director,  
Fichter Therma Medikare Pvt. Ltd., Vapi



MDC of Inaugural Function **Mr. Nitai Dalal**  
*Nitai Dalal*  
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Mr. Ashis Roy (right) giving away memento to Mr. Rajneesh Anand (left)

Mr. Ashis Roy felicitated Mr. Rajneesh Anand with a memento as a token of remembrance. Later, Technical sessions was conducted by eminent speakers with a break of 5 mins.

During Technical Sessions Dr. Komal Parmar took over as MOC from Mr. Mittal Dalal and briefed again the schedule of Seminar and introduced each speaker of the Seminar with their brief resume.



Dr. Komal Parmar, MOC of Technical Sessions

  
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## Technical Sessions of Seminar

### Session 1:

Mr. Raj Hakani started the Technical Session with title of the lecture "Artificial Intelligence in Health Care". He provided an excellent detailed lecture on role of AI in healthcare. The lecture demonstrated minute details of artificial intelligence. Further, he also discussed the applications of artificial intelligence in various fields of science, including pharma sector. He gave a detailed insight in how Artificial Intelligence works in medicine field, i.e. in diagnosis of disease, information of medical profile of patient, etc. Lecture was so informative that later in question and answers session, we had a healthy discussion on the technical portion related to the topic. Mrs. Madhuri Hinge, Assistant Professor felicitated Mr. Raj Hakani with a memento and certificate.



### Session 2:

Mr. Hemal Nayak took over the next pre-lunch Technical Session. The title of the lecture was "**3D Printing in Drug Delivery System: Prospects & Challenges**". It was an informative lecture on 3d printing in healthcare. Novel drug delivery systems are being developed for better therapy and patient welfare. 3D printing being a novel technology utilized in various other fields can also be utilized in pharma sector in development of novel drug delivery systems. The lecture presented detailed information on 3D printing and its applications in drug delivery system. He depicted appropriate examples with minute detail. Again audience had a healthy question and answers session at the end of the lecture clearing their doubts and queries. Mrs. Rupa Sen Gupta, Assistant Professor felicitated Mr. Hemal Nayak with a memento and certificate.



### Session 3: Poster Presentation Competition

After the end of Session 2, poster presentation session was organised before lunch. In total 11 delegates participated in scientific poster presentation competition. **Dr. Bhavesh Akbari**, Professor, Shree Dhamvanthary Pharmacy College, Kim (Surat) and **Mr. Vinod Ramani**, Assistant Professor, Bhagwan Mahaveer College of Pharmacy, Surat judged various posters prepared by the delegates.



*(Signature)*  
Principal



#### Session 4 & 5:

Thereafter post lunch, Mr. Tejas Dvyora, CEO-Co-founder & Business Relation Manager of Make3d.in, Surat and his colleague Mr. Jay Gelani, Manager delivered the third plenary lecture on "Introduction to 3D Printing and Know How of 3D Printing". Initially he demonstrated basics of 3D printing. He being an industrial professional gave an importance of 3D printing in various fields and suggested the scope of 3D printing to achieve quality in formulation preparations. For the benefit of audience, he provided a practical demonstration session of the 3D printer which provided an insight in actual working of 3D printer for printing of various objects which may include pharmaceutical dosage forms. All the delegates took part actively in demonstration of 3D printer. Question and answers session led to informative discussion among the speaker and delegates. At the end, Dr. Mittal Dalal felicitated Mr. Tejas Dvyora with a memento and certificate.



#### Session 4 & 5 (continued)



#### Valedictory Session:

Floral welcome of Rtn. Subhas Panchal, Trustee of ROFEL Trust was given by Principal of College Dr. Arindam Paul. He wished more such Seminar should be organised by the college for the benefit of students and teachers. He also congratulated the team of college for successfully organising the Seminar.

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Vadgaon



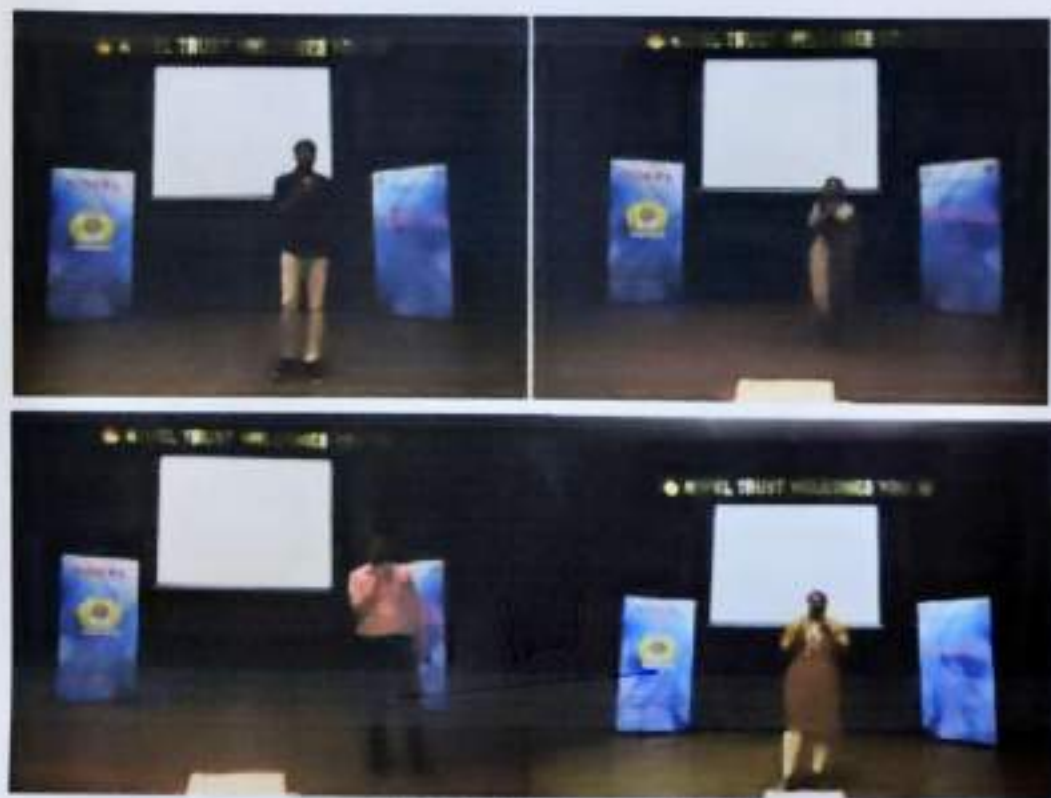


Winners of poster presentation were announced and Rtn. Subhas Panchal gave away the prizes to the winner and runner up of poster competition. First prize of Rs. 1000 was given to the poster of Mr. Bharat Chaudhari & Mr. Rajendra Rajpurhit of ROFEL Shri G. M. Bhakhia College of Pharmacy, Vapi and second prize of 500 Rs. Cheque was given to the poster presented by Ms. Sonal Pandey of S.S.R. College of Pharmacy, Silvassa.



Rtn. Shri Subhash Panchal giving away first prize of scientific poster competition (left) and second prize (right)

Later feedback was given by delegates. They expressed their thoughts on the seminar.







A  
**REPORT ON**  
**Refresher Course for**  
**Registered Pharmacists**



**ROFEL**  
**Shri G. M. Bilakhia College**  
**of Pharmacy, Vapi**



 Gujarat State  
Pharmacy Council 

Sponsored

**Refresher Course for**  
**Registered Pharmacist**

24<sup>th</sup> & 25<sup>th</sup> February, 2018

Organized By

NOFEL, Shri G. M. Bilakhia College of  
Pharmacy, Vapi



Venue: Auditorium, ROFEL, GIDC Campus, Vapi

*David*

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Shri G. M. Bilakhia College of Pharmacy  
VAPI





## INTRODUCTION

This was the 15th GSPC sponsored Refresher course for registered pharmacists organized by ROFEL Shri G M Bhatia College of Pharmacy Vapi. A total of 217 pharmacists participated in the 2 day refresher course on the 24<sup>th</sup> and 25<sup>th</sup> February, 2018. The pharmacists appreciated the course and were happy to have an opportunity to refresh what they had learned in college and also update themselves with new developments in the field. Most of the participants were enthusiastic about the developments in the regulatory side and welcomed the initiatives being taken by the Gujarat State Pharmacy Council. The pharmacists also appreciated the organization of the renewal and guidance camp, so they could solve their queries and complete registration and renewal process in Vapi instead of traveling upto Ahmedabad.



The stage Background

  
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VAPI



Invited Judge for Poster Competition (Wilson Jali) and Delegates of Seminar giving their feedback

As a token of appreciation a small gift was given to students who volunteered this Seminar with the Organisers of this Seminar by Rtn. Subhash Panchal



Vote of thanks was given by Dr. Komal Parmar and the Seminar ended successfully.



Organising Team of ROPE: Shri G. H. Bhalerao College of Pharmacy with Volunteers of GUCDST Sponsored Seminar

and G. H. Bhalerao College of Pharmacy  
GAPL



## DAY 1: Registration



Organizing committee members engaged in registration and kit distribution

## DAY 1: Breakfast



Delegates enjoying the delicious breakfast

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VAFI



## Day 1: LAMP LIGHTING



Distinguished guests lighting the lamp to mark an auspicious start to program.  
Left: Chief Guest, Shri Mrityunjay Kumar, Vice President (operations), Aleem Laboratories Pvt. Ltd.  
Right: Shri Sandeep Shah, Director, Irresia Life Sciences.

## Day 1: WELCOME



Right: Santhana kumar welcomes Shri G C Nwan, Registrar, GSPE  
Left: Dr. Arindam Paul welcoming the chief guest Shri Mrityunjay Kumar

*Paul*  
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## Day 1: Inauguration



Dignitaries during the Inauguration function.

## Day 1: PURPOSE OF THE COURSE

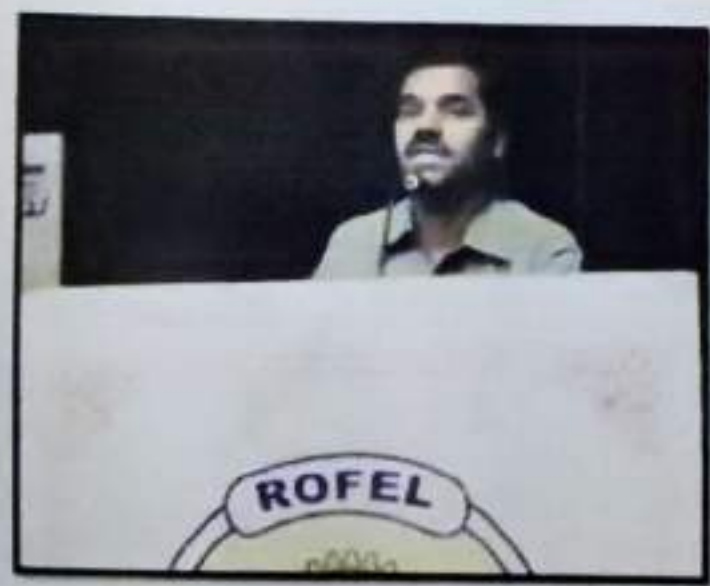


Mittal Dalal, Coordinator, GSPC sponsored Refresher course for registered Pharmacists - highlighted the objectives, significance & itinerary of the program.

**Day 1: The Pharmacist's Oath**



The Pharmacists taking the Oath. In picture from left: Shri Sandeep Shah, Shri G C Mcwan, Shri Mrityunjay Kumar, Shri Nishant Shah.



Shri G C Mcwan highlighting the activities of the Council.

*[Handwritten signature]*



## Day 1: SESSION 1:



Left: Harshida Patel welcomes Shri Sandeep Shah.

Right: Shri Sandeep Shah stressed the importance of "Ethics in Pharmacy profession".

## Day 1: SESSION 2:



Right: Mr. Nishant Shah discussed the developments in "Ecommerce in Community Pharmacy".

Left: Ms. Harshida Patel presenting a memento to Mr. Nishant Shah, Manager, Pharma Distributors.

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Dr. Sandeep Shah, College of Pharmacy

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**Day 1: SESSION 3:**



Left: Mr. Vipul Prajapati talked about "Good Storage Practice".  
Right: Mrs. Harshida Patel presenting a memento to Mr. Vipul Prajapati,  
Associate Professor, SSR college of Pharmacy, Silvassa.

**Day 1: SESSION 4:**



Left: Mr. Sankha Bhattacharya welcoming Dr. Jalaram Thakkar.  
Right: Dr. Jalaram Thakkar discussed the "Basics of Pharmacovigilance,  
Materiovigilance, Hemovigilance".



## Day 1: DELEGATES ATTENDING THE COURSE



**TOP** : Delegates enjoying the sessions at the refresher course. A total of 217 delegates attended the Refresher Course.

**BOTTOM**: There was a live interactive discussion in all the sessions. The participants can be seen interacting with the speakers.



One of the delegates Dinesh Patel, sharing his experiences and explained the nuances of Pharmacy practice in USA. He also described the active role of Pharmacists in the immunization program in USA and Canada.

  
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VAPL



## Day 1: DELEGATES ATTENDING THE COURSE



**TOP** : Delegates enjoying the sessions at the refresher course. A total of 217 delegates attended the Refresher Course.

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One of the delegates Dinesh Patel, sharing his experiences and explained the nuances of Pharmacy practice in USA. He also described the active role of Pharmacists in the immunization program in USA and Canada.

*Dinesh Patel*

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PHARMACY  
SCHOOL OF PHARMACY  
SCHOOL OF PHARMACY





## Day 1: LUNCH



Delegates enjoying the lunch on Day 1.

## Day 2: LUNCH



Delegates enjoying the lunch on Day 2.

A handwritten signature in blue ink, appearing to read "David", is written over a horizontal line.

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WPI  
L.M. G.M. Bhatnagar College of Pharmacy  
WPI

## Day 2: SESSION 5:



Left : Mr. Mittal Dalal discussed the importance and opportunities in Adult Immunisation.

Right: Mr. Tularam presenting a memento to Mr. Mittal Dalal.

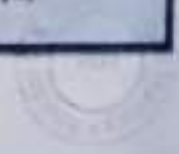
## Day 2: SESSION 6:



Left : Dr. Sanjeev Acharya, with lively discussion on "Food and Herbal Drug Interactions".

Right: Dr. Arindam Paul presenting a memento to Dr. Sanjeev Acharya, Principal, SSR college of Pharmacy, Silvassa.

*Paul*  
Principal





**Day 2: SESSION 7:**



Left: Shri Girish Vaghela, Drug Inspector, Daman & member, GSPC, discussed the importance of "Digitization in Retail Medical Stores".  
Right: Dr. Arindam Paul presenting a memento to Shri Girish Vaghela.

**Day 2: SESSION 8: (OBJECTIVE TEST)**



Delegates taking the test. Evaluation of the objective test was done at the venue by staff of ROFEL and prizes given to top 5 scorers.

*Paul*  
PRINCIPAL  
ROFEL  
Rajiv Gandhi Institute of Pharmacy  
VAD.



## DAY 2: VALEDICTORY FUNCTION



Feedback session by delegates.



Left : Shri Shubhash Panchal, Trustee, ROFEL Trust, urged the delegates to promote and involve themselves in Eye Donation and Organ Donation, Right: Dr. Hitesh Dalvadi welcoming Shri Girish Vaghela, member, GSPC.

*[Handwritten signature]*



## DAY 2: VALEDICTORY – CERTIFICATION DISTRIBUTION



All the candidates were given the Certificate for successful participation at the venue itself.

Left : Shri Subhash Panchal, Trustee, ROFEL trust presenting the certificates.

Right: Dr. Arindam Paul, Principal, ROFEL Shri G. M. Bilakhia College of Pharmacy presenting the certificates.

Bottom: Shri Girish Vaghela, DI, Daman & member, GSPC presenting certificates.

*M.D.*  
Mittal Dalal

Asso Professor and Co-ordinator,

ROFEL, Shri G. M. Bilakhia College of Pharmacy, Vapi

Mob: 9879340044

*Dr. Arindam Paul*  
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VAPI

A Brief Report on Proceedings of  
GUJCOST Sponsor Two Days National Workshop on  
"Quality by Design using Design of Experiments (DoE)"

Venue: Auditorium, ROFEL-GIDC Campus, Chharwada Road, Vapi.

Date: 17<sup>th</sup> and 18<sup>th</sup> Feb. 2018



ORGANISED BY:

**ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY**

ROFEL NAMDHA-CAMPUS, VAPI-NAMDHA ROAD, VAPI (W)- 396191 (GUJARAT)



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Tel. : (079) 23259362-65 Fax. (079) 23259363

Website: [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)

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A Two Day GUJCOST sponsored National Workshop was organized by ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi. The theme of the workshop was "Quality by Design

Page 1 of 19



using Design of Experiments (DoE)”. This workshop was organized for the purpose of sharing the scope of DoE in research field for Pharma researchers. A total number of 159 delegates have participated in this seminar. The program schedule was as follows:

<b>DAY-1 DATE: 17<sup>th</sup> Feb 2018 (Saturday)</b>		
TIME	TOPIC	SPEAKER
0900 - 0930	REGISTRATION AND BREAKFAST	
0930 - 1000	INAUGURATION	
1000 - 1130	Session-1: QbD: Systematic Approach in Product Development	Dr. Anant Dixi Head of Department, Government Polytechnic, Jagaon
1130 - 1230	Session-2: Role of Hypothesis Testing & ANOVA in Pharmaceutical Science	Dr. R.D.Patel Professor and Head Department of Statistics, VNSGU, Surat
1230 - 1330	LUNCH	
1330 - 1500	Session-3: Central Composite Design and Mixture Design	Mr. Atul Kathirya AGM (R&D), Amnol Pharmaceuticals Ahmedabad

<b>DAY-2 DATE: 18<sup>th</sup> Feb 2018 (Sunday)</b>		
TIME	TOPIC	SPEAKER
0900 - 0930	BREAKFAST	
0900 - 1030	Session-4: Poster Presentation Session	
1030 - 1200	Session-5: Factorial Design for Design of Experiment Approach in Quality by Design	Dr. D. M. Patel, Professor & Director (CI & Research, Arbhad School of Pharmacy & Bio- Research Institute, Adala], Gandhinagar
1200 - 1300	LUNCH	
1300 - 1500	Session-6: Comparison b/w Full Factorial Design & PB Design	Dr. Lalji Baldaniya Associate Professor, Anand Pharmacy College, Anand, Gujarat
1500 - 1530	Valedictory Function and Distribution of Certificates	



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VPL

**Day -1: (17<sup>th</sup> Feb 2018)**

**A. Inaugural function**

Inauguration ceremony was started at 10:00 am. Dr. Ramesh Dias, Head of Deptt. Govt Polytechnic, Jalgaon and Dr. R. D. Patel, Prof and Head, Deptt of Statistics, VNSGU, Surat, were the Guest of honours. The dignitaries present were trustees of ROFEL Trust - Mr. Deepak Shah and Mr. Pratul Dewani, President of Rotary Club of Vapi - Mr. Prakash Bhadra, Principal of SMT C.D.J. ROFEL Arts & SMT, I.S.R.A. ROFEL Commerce College, Vapi - Dr. Hemali Desai, Incharge Principal at GIDC Raju Street ROFEL Institute of Management Studies - Dr. Priyakant Veda and Principal at ROFEL Shri G. M. Bilakhia College of Pharmacy, Vapi - Dr. Anandam Paul.



A glimpse of the venue (auditorium) & The dignitaries present Dr. Anandam Paul, Dr. Hemali Desai, Mr. Abul Katheriya, Dr. Priyakant Veda and Dr. Hitesh Dohra right to left side.



A glimpse of the venue (auditorium) & The dignitaries present Dr. R. D. Patel, Dr. Ramesh Dias, Mr. Prakash Bhadra, Mr. Deepak Shah & Mr. Pratul Dewani right to left side.

*Paul*  
PRINCIPAL

Shri G. M. Bilakhia College of Pharmacy  
VAPI



The inauguration ceremony commenced with Saraswati Vandana by students, followed by lamp lighting by present dignitaries.



  
PRINCIPAL

HEAD,  
Dist C.I.E. College of Pharmacy  
2017.

All the dignitaries present were felicitated with floral welcome thereafter.



Floral welcome to Rtn. Praful Dewani by Dr. Arindam Paul



Floral welcome to Dr. Remath Dias by Dr. Arindam Paul

*Arindam Paul*

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Sri G. M. Bhaskar College of Pharmacy  
WAF





Floral welcome to Mr. Atul Kathriya by Mr. Mittal Dabur



Floral welcome to Rtn. Prakash Bhadra by Dr. Nilesh Dalvai

*Dalvai*

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Shri G.M. Dabur College of Pharmacy  
VAFI

Welcome address was given by Dr. Arindam Paul, Principal of ROFEL, Shri G. M. Bhalakia College of Pharmacy, Vapi. He expressed his immense pleasure for the presence of dignitaries and delegates to be present in commendable number. He also talked about importance of the DoE in the research field and in industry.



After floral welcome, Dr. Komal Parmar, Associate Professor at ROFEL, Shri G. M. Bhalakia College of Pharmacy, Vapi and Co-ordinator of the workshop introduced all the eminent Speakers and Chair persons, to the audience and thanked them for sparing their invaluable time.



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Shri G. M. Bhalakia College of Pharmacy

Page 7 of 19



Rtn. Prakash Bhadra, President of Rotary Club of Vapi addressed the audience and provided his best wishes for the success of the program.



Rtn. Prakash Bhadra, President of Rotary Club of Vapi addressed the audience.

Rtn. Praful Dewani, Trustee of ROIELL Trust addressed the audience by giving introduction of ROFEL Trust and informed about the achievements of college and gave his best wishes.



Rtn. Praful Dewani, addressed the audience about the achievements of college

Then, Dr. Remeth Dias, Head of Dept, Govt Polytechnic, Julgaon and Dr. R. D. Patel, Prof and Head, Dept of Statistics, VNSGU, Surat addressed the audience about the theme of the workshop.

## B. Technical Sessions

### ◆ Session I:

Dr. Remeth Dias started the session with title of the lecture **"QbD: Systematic Approach in Product Development"**. He provided an excellent detailed lecture on design of experiments. The lecture demonstrated minute details of DoE with appropriate examples. Further, he also discussed about the importance of application of designs in the formulation development process and gave an insight in proper selection of type of design with respect to the number of process variables. Lecture was so informative that later in question and answers session, we had a healthy discussion on the technical portion related to the topic.

At the end Mr. Mittal Dalal, Associate Professor, ROFEL Shri G. M. Hilakhia College of Pharmacy, Vapi felicitated Dr. Remeth Dias with a memento and certificate.



Dr. Remeth Dias started the session with title "QbD: Systematic Approach in Product Development"





◆ Session II:

Dr. R. D. Patel took over the next session. The title of the lecture was **"Role of Hypothesis Testing & ANOVA in Pharmaceutical Science"**. It was again an informative lecture on statistics. Every experimental design carries out statistical analysis in order to justify the application of the model and design applied. The lecture presented was detailed information on use of statistical analytical tests for the evaluation of data and design. He depicted each tests with detailed equations and demonstrated their application in DoE, which was the core of the workshop. Again audience had an healthy question and answers session at the end of the lecture clearing their doubts and queries. At the end, Dr. Hitesh Dalvi, Associate Professor, ROFEL Shri G. M. Bilakhia College of Pharmacy, Vapi felicitated Dr. R. D. Patel with a memento and certificate.



Dr. R. D. Patel took over the next session title "Role of Hypothesis Testing & ANOVA in Pharmaceutical Science"



*and*

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Shri G. M. Bilakhia College of Pharmacy  
Vapi.

❖ Lunch Session



*Sand*

PRINCIPAL

College of Pharmacy  
VAF



◆ Session III:

Thereafter (post lunch), Mr. Atul Kathirya, Assistant Manager, F & D, Amnest Pharmaceuticals, Ahmedabad delivered the third plenary lecture on **"Central Composite Design and Mixture Design"**. Initially he demonstrated basics of experimental design. He being an industrial professional gave an importance of quality by design in various industrial processes and suggested the scope of design of experiments to achieve quality in formulation preparations. For the benefit of audience, he provided a practical session of the software which provided an insight in actual use of software in order to achieve desired results for the optimization of the product. All the delegates took part actively in handling the software. Question and answers session led to informative discussion among the speaker and delegates. At the end, Dr. Arindam Paul, Principal of ROFEL Shri G. M. Bilakha College of Pharmacy, Vapi felicitated Mr. Atul Kathirya with a memento and certificate.



*Arindam Paul*  
PAL  
College of Pharmacy

Day -2: (18<sup>th</sup> Feb 2018)

◆ Session IV:

Post breakfast, poster presentation was scheduled. Total 11 posters were presented by different delegates from all over Gujarat. Mr. Ajay Talele, Assistant Professor of Sant B. N. B. Swaminarayan Pharmacy College, Vapi and Mr. Mittal Dalal, Associate Professor, ROFEL, Shri G. M. Bilakhia College of Pharmacy, Vapi judged the poster presentation of different delegates.





Later technical session started with prayer note by the prayer group. Floral welcome of Dr. D.M. Patel, Professor and Director, Aribant School of Pharmacy and Bio Research Institute, Gandhinagar and Dr. Lalji Baldaniya, Associate Professor, Anand Pharmacy College, Anand was done.



Floral welcome to Dr. D. M. Patel by Dr. Arvindam Paul



Floral welcome to Dr. Lalji Baldaniya by Dr. Hitesh Dalvai

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Sri G. A. Sarda College of Pharmacy  
VADVA

◆ Session V)

Technical session by Dr. D. M. Patel on topic "Factorial Design for Design of Experiment Approach in Quality by Design". It was a detailed lecture of quality by design with detail of factorial design. He demonstrated minute details included in various experimental designs. He also mentioned application of quality by design in various fields. Later he emphasized on application and utilization of factorial design which is mother of all experimental designs. It was one to one interaction between delegates and speaker during question and answers session in which they cleared their queries and doubts. Dr. Hitesh Dalvadi, Associate Professor of ROPPI, Shri G. M. Hiralba College of Pharmacy, Vapi felicitated Dr. D. M. Patel with a memento and certificate.



Technical session by Dr. D. M. Patel on topic "Factorial Design for Design of Experiment Approach in Quality by Design"





◆ Session VI:

Technical session by Dr. Lalji Baldaniya on topic "**Comparison b/w Full Factorial Design & PB Design**". It was very informative lecture on various designs with emphasis on Plackett and Burman Design with case studies. He also covered introduction and scope of quality by design and experimental design. Starting from the brief description of various designs, he elaborated Plackett and Burman design in detail. The lecture helped to understand the students about how number of variables could be reduced with the help of this design when they are in such a large number which would not make it convenient to carry out the trials. Question and answers session had been very interactive. At the end, Dr. Arindam Paul, Principal of ROFEL Shri G. M. Bilakhia College of Pharmacy, Vapi felicitated Dr. Lalji Baldaniya with a memento and certificate.



Technical session by Dr. Lalji Baldaniya on topic "**Comparison b/w Full Factorial Design & PB Design**".



*Paul*

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Shri G. M. Bilakhia College of Pharmacy

Vapi

### C. Valedictory Function:

Trustee of ROFEL Trust Rtn. Subhash Panchal was Guest of honor. A warm floral welcome was given to him. He emphasized the importance of quality not only in professional life but also in day to day activities in life. He wished that each and every participant of this seminar will take away the intellectual knowledge provided along with unforgettable memories of this event. And he gave his best wishes to all participants for the professional life.



Rtn. Subhash Panchal gave best wishes.

Winners of poster presentation were announced and Rtn. Subhas Panchal gave away the prizes to the winners. First prize of Rs. 1000/- Cheque was given to Ms. Ahir Kajal and Second prize of Rs. 500/- Cheque was given to Ms. Pooja Pualsa.

Winners were : Ms Kajal Ahir, Dr. Sonal Desai. They presented poster titled: "Optimization of HPLC mobile phase using augmented simplex centroid design for estimation of curcumin and piperazine in dietary supplement"

Runner up were: Ms. Pooja Pualsa, Ms. Jaitee Vashi, Ms. Harshida Patel, Mr. Mittal Dulal. They presented poster titled: "Epidemiological study of acute bronchitis on out patients in tertiary hospitals in Vapi with view to assess rationality of therapy"

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VAPI





First prize of Rs. 1000/- Cheque was given to Ms. Ahir Kajal



Second prize of Rs. 500/- Cheque was given to Ms. Pooja Puroha

*Dand*

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WPC

Positive feedback was given the audience. Delegates were satisfied with the organisation of the workshop and had enjoyed the lectures. They mentioned that how this workshop was helpful for them in their further career.



Ms. Zalak Desai (one of the delegates) sharing her experience on two day workshop

Vote of thanks was given by Dr. Komal Parmar and the two days workshop ended successfully

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Dr. Komal Parmar  
Co-coordinator

Dr. Hitesh Dahvadi  
Coordinator

Dr. Arindam Paul  
Principal

GUJCOST sponsored workshop Quality by Design Using Design of Experiments (DoE)  
Organized by ROFEL Shri G M Bilakhia College of Pharmacy, Vapi





A  
**REPORT ON**  
**Refresher Course for**  
**Registered Pharmacists**



<p><b>ROFEL</b></p> <p><b>Shri G. M. Bilakhia College</b> <b>of Pharmacy, Vapi</b></p>  	<p> <b>Gujarat State</b> <b>Pharmacy Council</b> </p> <p>Sponsored</p> <p><b>Refresher Course for</b> <b>Registered Pharmacist</b></p> <p><b>16<sup>th</sup> &amp; 17<sup>th</sup> December, 2017</b></p> <p>Organized by</p> <p><b>ROFEL, Shri G. M. Bilakhia College of</b> <b>Pharmacy, Vapi</b></p> <p>Venue: Auditorium, ROFEL SIDC Campus, Vapi</p>
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*[Handwritten Signature]*

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PHARMACY, VAPI



## INTRODUCTION



The stage Background



Left: The welcome banner at the gate.

Top: A glimpse of the venue (auditorium) where the course was conducted.

*[Signature]*  
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The U. S. Sharda College of Pharmacy, Vapi





## DAY 1: Registration



Organizing committee members engaged in registration and kit distribution

## DAY 1: Breakfast



Delegates enjoying the delicious breakfast

*[Signature]*  
PRINCIPAL

OFFICE  
Dr. B. M. Shetty, Director of  
VETU



## Day 1: LAMP LIGHTING



Distinguished guests lighting the lamp to mark an auspicious start to program.

Left: Shri Ashis Roy, secretary, ROFEL trust and Shri Hitesh Shah, Vapi pharmacists association.

Right: Shri Dipak Shah, Secretary, Gujarat chemists and Druggists association and Shri Prakash Pursnan, Asst. commissioner, FDA Valsad.

## Day 1: WELCOME



Left: Santhana kumar welcomes Shri Dipak Shah  
Right: Shri Ashis Roy felicitating the chief guest Shri Prakash Pursnan





Left: Mrs. Harshida Patel welcomes Shri Ashis Roy  
Right: Mr Ankit Meral welcomes Shri Praful Dawani, Trustee, ROFEL Trust.

## Day 1: Inauguration



Dignitaries during the Inauguration function.

*[Handwritten signature]*

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## Day 1: PURPOSE OF THE COURSE



Mittal Dalal, Coordinator, BPC sponsored Refresher course for registered Pharmacists - highlighted the objectives, significance & itinerary of the program.



Left: Shri Pratul Dewani talking about the ROFEL Trust  
Right: The Chief Guest Shri Prakash Purohit addressing the gathering



**Day 1: SESSION 1:**



Shri Dipak Shah discussed the "Impact of changing scenario in DPCO and Taxation System in Pharmacy Business".

**Day 1: SESSION 2:**



Left: Dr. Ashish Mishra highlighted the importance of "Patient Counselling"  
Right: Ms. Vishwa Parmar presenting a memento to Dr. Ashish Mishra,  
Professor, Netaji College of Pharmacy.

*Handwritten signatures and text:*  
Netaji College of Pharmacy  
100

**Day 1: SESSION 3:**



Left: Dr. Sanjeev Acharya, with lively discussion on "Herbal Drug Interactions".  
Right: Mrs. Harshida Patel presenting a memento to Dr. Sanjeev Acharya,  
Principal, SSR college of Pharmacy, Silvassa.

**Day 1: SESSION 4:**



Left: Dr. Sachin Narkhede discussed self medication.  
Right: Dr. Ankit Heral presenting a memento to Dr. Sachin Narkhede, Principal,  
Swaminarayan Pharmacy college, Silvassa.

*[Signature]*  
PRINCIPAL

SRM  
SRM, Silvassa College of Pharmacy  
VAP.

*[Signature]*



**Day 1: DELEGATES ATTENDING THE COURSE**



**TOP** : Delegates enjoying the sessions at the refresher course. A total of **305 delegates attended the Refresher Course.**

**BOTTOM:** There was a live interactive discussion in all the sessions. The participants can be seen interacting with the speakers.

  
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Vadga



**Day 1: LUNCH**



Delegates enjoying the lunch on Day 1.

**Day 2: LUNCH**



Delegates enjoying the lunch on Day 1.

*David*

*David*



**Day 2: SESSION 5:**




**Left :** Dr. Jitendra Badjalya gave an overview on "Pharmacy Profession in India and Advanced Countries".  
**Right:** G. Santhana Kumar presenting a memento to Dr. Jitendra Badjalya.

**Day 2: SESSION 6:**



**Left :** Dr. Vikas Gupta discussed about clinically relevant "Drug Interactions".  
**Right:** An interactive question answer session on drug interactions encountered during community pharmacy practice.

  
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Dr. O.M. Bhatnagar College of Pharmacy  
VAFL



**Day 2: SESSION 7:**



Left: Shri Girish Vaghela, Drug Inspector, Daman & member, GSPC, discussed the importance of "Digitization in Retail Medical Stores".  
Right: Dr. Arindam Paul presenting a memento to Shri Girish Vaghela.

**Day 2: SESSION 8: (OBJECTIVE TEST)**



Delegates taking the test. Evaluation of the objective test was done at the venue by staff of ROFEL and prizes given to top 7 scorers.

*Paul*

*Paul*



## DAY 2: VALEDICTORY FUNCTION



Feedback session by delegates.

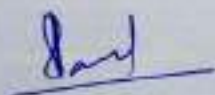
Left : Mr. Rakosh Thakkar. Right: Ms. Dhara Shah



All the candidates were given the Certificate for successful participation at the venue itself.

Left : Shri Subhash Panchal, Trustee, ROFEL trust presenting the certificates.

Right: Shri Girish Vaghela, DI, Daman & member, GSPC presenting certificates.



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ROFEL  
DADA SAHEB PHULE COLLEGE OF PHARMACY,  
VAPI.





The organizing committee of Refresher course for Registered Pharmacists,  
December, 2017 at ROFEL Shri G. M. Bilakhia College of Pharmacy, Vapi.

Mittal Dalal

Asso Professor and Co-ordinator,

ROFEL, Shri G. M. Bilakhia college of Pharmacy, Vapi

Mob: 9879340044

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VAPI.







# ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY

APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE) AND PHARMACY COUNCIL OF INDIA (PCI) AND  
AFFILIATED TO GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

Managed by Rotary Foundation for Education and Learning (ROFEL) Trust

Est. in 1995

ROFEL, NAMDHA CAMPUS, Vapi Namdha Road, P. B. No. 11, Vapi (West) - 396193, Dist. - Valsad (Gujarat)  
Tel: 9727723722 (42) / 63; Email: rofelpharm@gmail.com; website: www.rofelpharma.org

## REPORT ON GUEST / EXTENSION LECTURE

**Title of Guest Lecture:** HPLC Method Development and Troubleshooting

**Speaker:** Dr. Sonal Desai, Associate Professor, SSR College of Pharmacy, Silvassa.

**Date & Venue:** 18th October 2016, Classroom No. 1

**Event Coordinator:** Dr. Arindam Paul, Professor & Principal

Dr. Sonal Desai gave information about general principles of HPLC, Application of HPLC and different types of HPLC techniques. She discussed various key features to be focused while development of HPLC method. She explained various chromatographic conditions to be selected as per earlier review literature like stationary phase, mobile phase composition, pH & flow rate of mobile phase and detection wavelength. Further also discussed troubleshooting in HPLC like how to avoid chocking of column, how to care for parts of HPLC and prevention of hurdles while operating HPLC system. She shared her experience for HPLC system maintenance and care with students and faculties.

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VAPI