

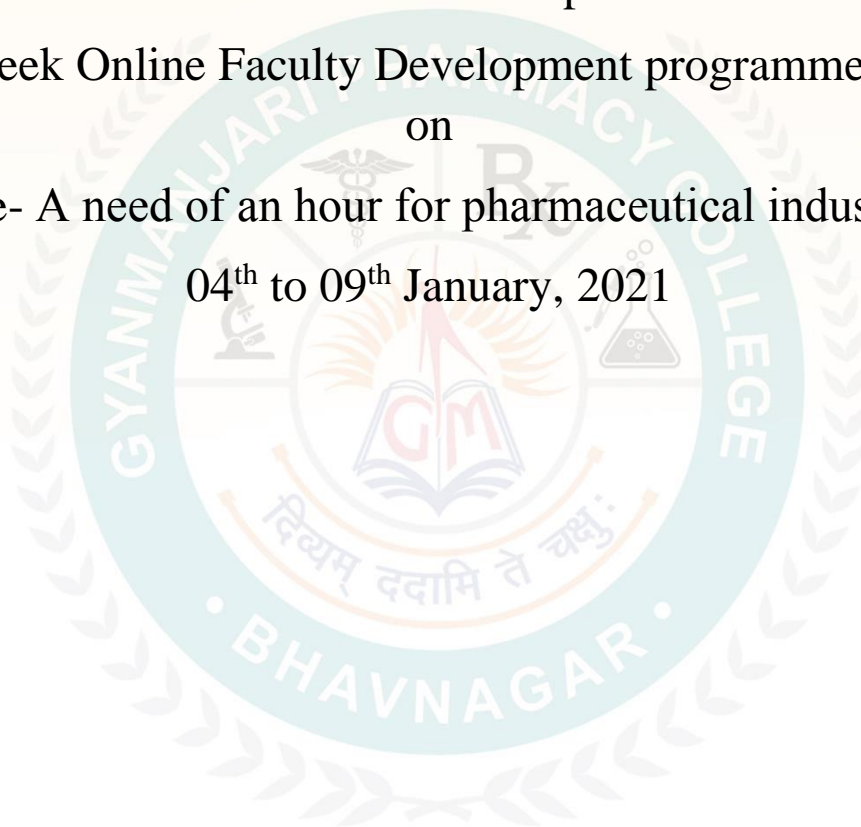


Gyanmanjari Pharmacy College

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Dt.

A Report on
JOINT GTU -AICTE sponsored
One Week Online Faculty Development programme (FDP)
on
“Self-reliance- A need of an hour for pharmaceutical industry in India”
04th to 09th January, 2021



Organized by
Gyanmanjari Pharmacy College,
Bhavnagar

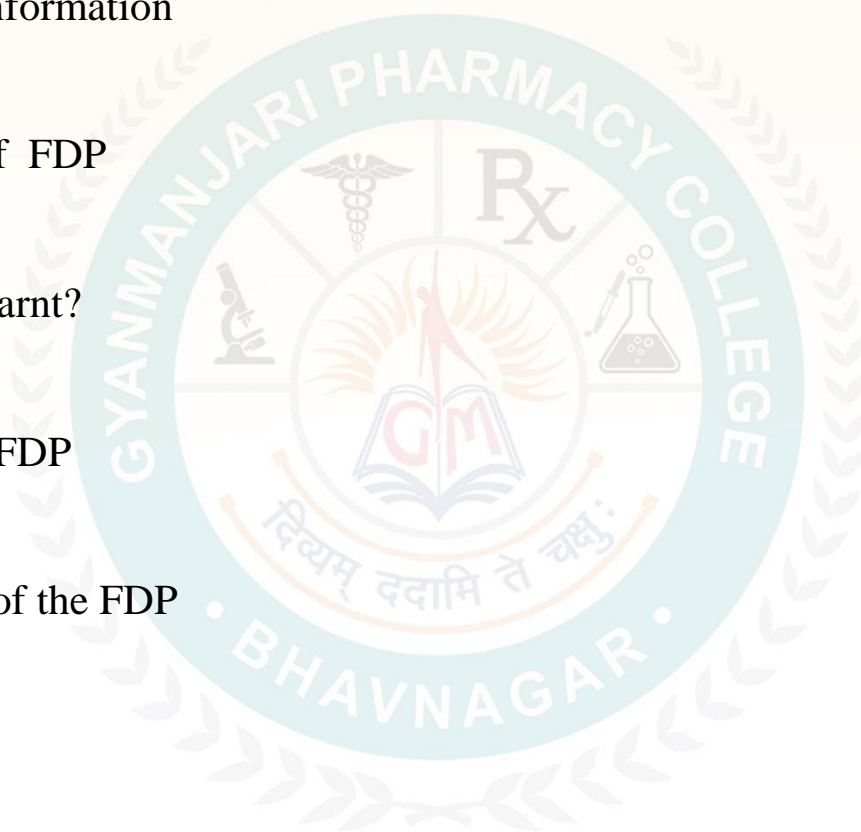


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Acknowledgement

We are thankful to Gujarat Technological University (GTU) and *All India Council for Technical Education (AICTE)* for sponsorship and giving an opportunity for organizing this state level Online FDP in GMPC.

We are also thankful to the management of Gyanmanjari group of Colleges for utilizing the premises and all necessities for the FDP and honorable Executive Director, Dr. H. M. Nimbark, and Principal Dr. A. N. Lumbhani, who have given all necessary guidance from time to time and motivation to organize this event.

I would like to express my special thanks of gratitude to Mr. Shivang Gosai, who coordinated this event very nicely. I would also like to thank our organizing committee Ms. Avani N. Joshi & Ms. Dipsavi D. Sarvaiya who extended their timely co operation from organization till completion of FDP.

We are also thankful to our network administrator Mr. Keyur Malam & Mr. Mayur Hanani who constantly monitored the systems to make the event quite smooth and without any interruptions.



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General Information

Faculty development program is the main ingredient traits to enhance professional education and competence. Enriching the faculty vitality in key domains of teaching, assessing, research, professionalism, and administration is perceived to improve educational environment significantly and enhances the academic performance of learners. Faculty development program (FDP) has been considered as a stand-alone educational pedagogy in fostering knowledge and professional skills of faculty.

India's booming pharmaceutical sector has had a long and distinguished history in innovating and distributing lifesaving medicines at the most affordable cost globally. The COVID19 pandemic has shown that India can not only innovate but also rapidly distribute time critical drugs to every part of the globe. India is the world's largest supplier of low cost generics, vaccines and affordable medicines, is among the largest producers of drugs both in value and volume terms, and has the second largest number of Food and Drug Administration (FDA) approved medicine manufacturing plants.

This FDP provides a suitable platform to inspire, propagate and convey the message to the budding pharmacists...



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Purpose of FDP

This is one week online FDP which was organized by Gyanmanjari pharmacy college jointly with the GTU – AICTE.

In this event there are more than 70 participants who actively participated from all over GTU affiliated Gujarat Pharmacy colleges. This Faculty Development Programme (FDP) intends to provide self reliance assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for induction training to teachers employed in disciplines in the field of Pharmacy. The developments around COVID19 presented both challenges as well as opportunities to reinvent ourselves. The challenge was that we had to cancel the regular on-campus FDP of 2020. However, we also got the opportunity to design a new online programme to benefit the professional development for educators.

This faculty development program will enhance professional growth, development, vitality and successfully provide the vision to the students through the participants to become “selfreliant”, “AtmaNirbhar” Pharmacist.

Global pharma multinational corporations are also looking at new growth drivers within Indian's domestic market to capitalize on this growing opportunity. World class capabilities and favorable market conditions over the past many years have ensured that India continues to be one of the most lucrative pharmaceutical markets in the world.

This FDP provides a suitable platform to inspire, propagate and convey the message to the budding pharmacists...



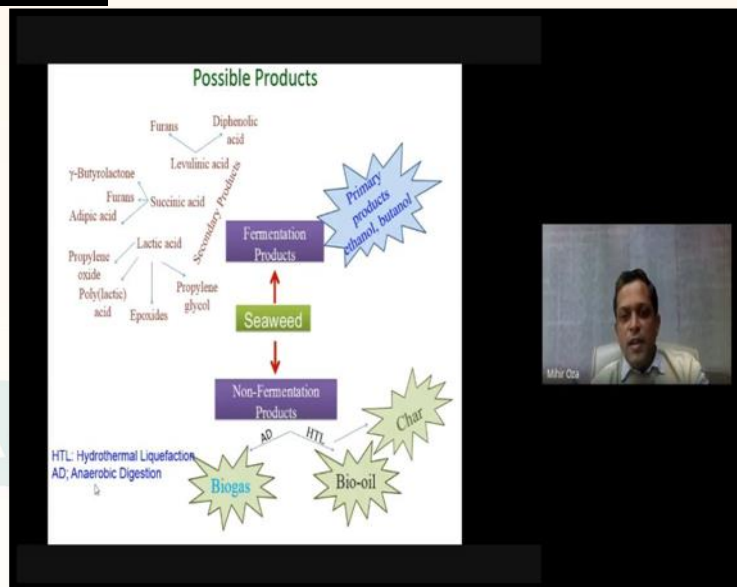
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FDP snaps



Dr. Richa Dayaramani



Dr. Mihir Oza

Pharmaceutical Industry...

- The pharmaceutical industry has a number of unusual characteristics that make it very different from what people normally think of as an industry. It is also an industry replete with contradictions; for example, despite the undisputed fact that for over a century the industry has made a major contribution to human wellbeing and the reduction of ill health and suffering, it is still regularly identified by the public in opinion surveys as one of the least trusted industries, often being compared unfavorably to the nuclear industry.
- It is undoubtedly one of the riskiest businesses in which to invest money, yet it is perceived by the general public to be excessively profitable. The major pharma companies rightly promote themselves as being research-based organizations, yet most people believe that they spend more on marketing than on research.

Dr. Chitrang Trivedi



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Conventional Business Vs Entrepreneurship

Curiosity Vs Problem Solving Research

Departmental Research Vs Collaborative Research

Traditional business thinking	The entrepreneurial mind
<ul style="list-style-type: none">Manage and mitigate riskSafeguard inventions and insightsAvoid failingWork within the confines of the current environmentIncrease the bottom line	<ul style="list-style-type: none">Evaluate and embrace riskExchange ideas and share learningsFail fast and try againThink in terms of possibilities

Nilesh Patel

Dr. Nilesh atel

Combined Spectra Problem : 02

Thirteen rule

$C_8H_{12}N_2$

$13 \times 108 = 1404$
 $14 \times 104 = 1456$
 $004 \Rightarrow 2$

- Molecular weight:**
 - 108 amu
- UV:**
 - λ_{max} 253 nm
- IR: cm^{-1}**
 - 3401(s), 3077(s), 2899(m), 1499(b), 1456, 690-710 (s)
- NMR: Delta Value(ppm):**
 - Singlet d=7.2(5H) [6-9]
 - Singlet d=4.5(2H)
 - Singlet d=2.8(1H)

Ajay Patel

Dr. Ajay Patel

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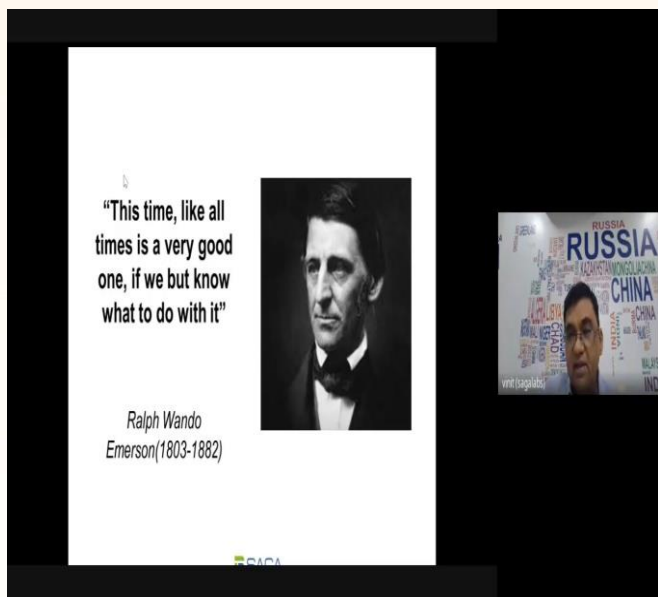
BHAGIRATH DESAI

Mr. Bhagirath Desai

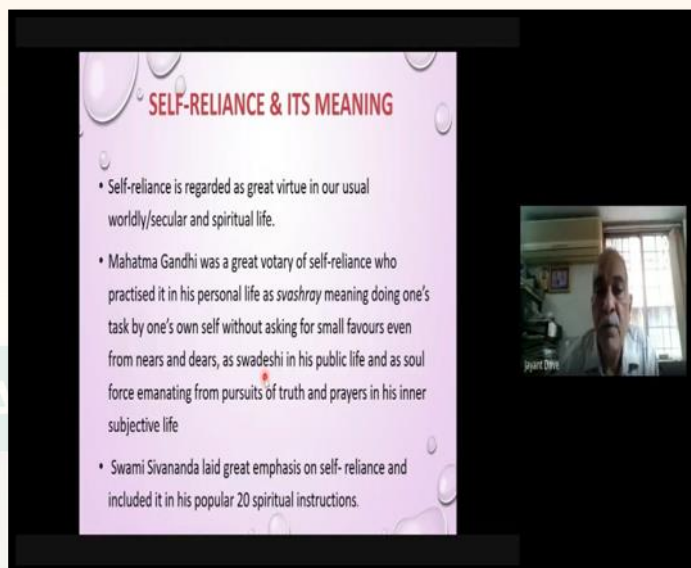


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Mr. Vinit Shah



Dr. Jayant Dave

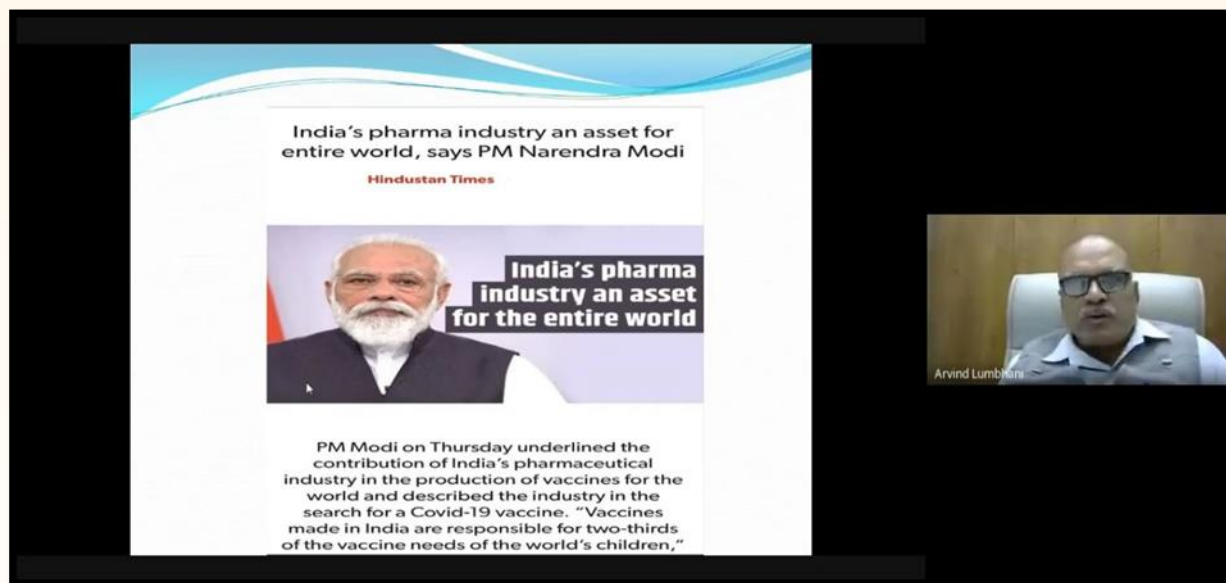


Dr. Ravi Manek



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Dr. Arvind Lumbhani



Mr. Shivang Gosai

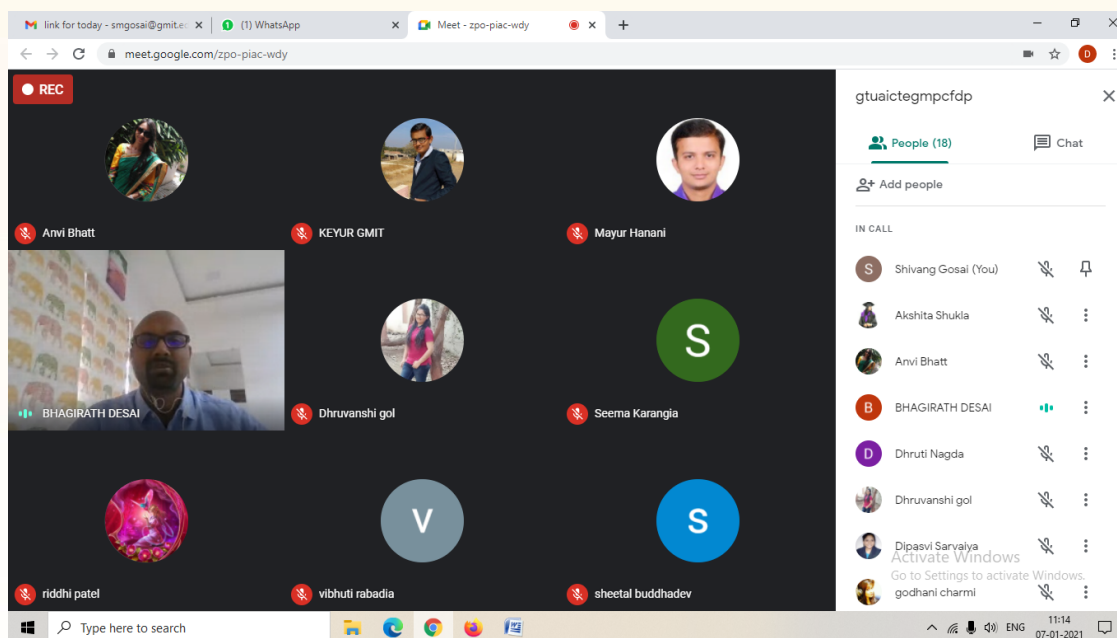


Ms. Avani Joshi & Ms. Dipsavi Sarvaiya

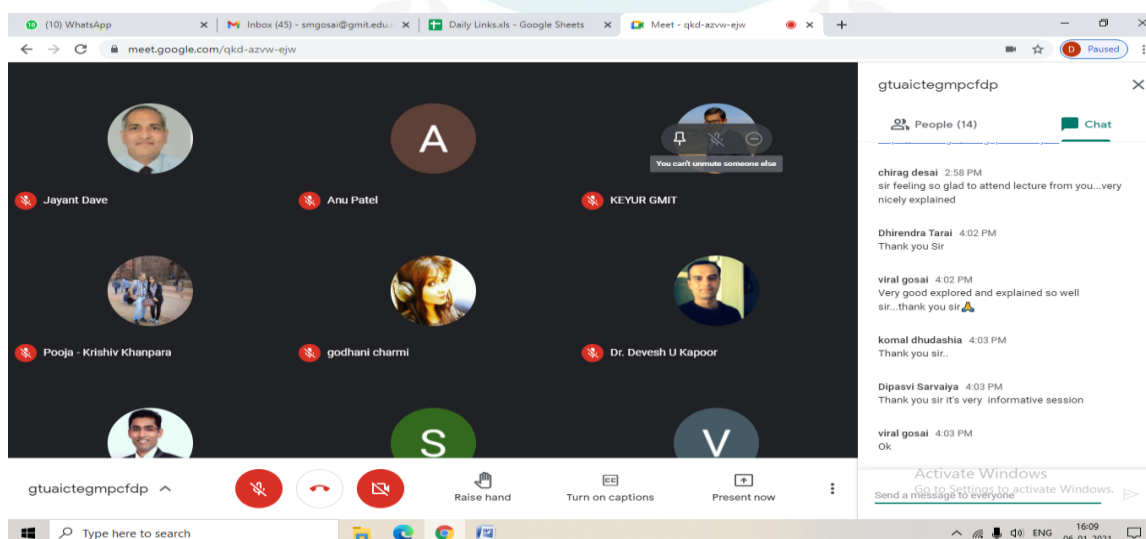


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With Participants





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Outcome of FDP

After the successful completion of proposed faculty development program, to enhance professional growth, development and vitality and successfully fulfill the vision of government to become “self reliant”, “Atma Nirbhar” Pharmacy of the world.

India's booming pharmaceutical sector has had a long and distinguished history in innovating and distributing life-saving medicines at the most affordable cost around the world. The COVID-19 pandemic has shown that India can not only innovate but also rapidly distribute time-critical drugs to every part of the globe that needs it. India is the world's largest supplier of low-cost generics, vaccines and affordable medicines, is among the largest producers of drugs both in value and volume terms, and has the second-largest number of Food and Drug Administration (FDA) approved medicine manufacturing plants. This report explains how the COVID-19 pandemic has not only highlighted the strengths of India's pharmaceutical industry but also examines several key government initiatives to boost investment in the sector following the pandemic including the creation and promotion of bulk drug manufacturing parks, and production linked incentives schemes. But, India ranks 14th globally in terms of value and third in terms of volume. This mismatch can be attributed to the increasing demand of Indian pharmaceutical products in the international markets, and their lower costs. Therefore, India is increasingly called the 'pharmacy of the world', exporting its pharmaceutical products globally.



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Global pharma multinational corporations are also looking at new growth drivers within Indian's domestic market to capitalize on this growing opportunity. World class capabilities and favorable market conditions over the past many years have ensured that India continues to be one of the most lucrative pharmaceutical markets in the world. This is a time of opportunity, that all crises are succeeded by periods of growth.

This FDP provides a suitable platform to inspire, propagate and convey the message to the budding pharmacists...

- To grab the opportunity
- To grow and develop in pharmacy sector
- To become potent researcher in India
- TO become manufacturer and supplier of economic and quality formulations and bulk globally.

Thus, bring the dream of the current government "India- Pharmacy of the world" in true sense.

COORDINATOR
GMPC

PRINCIPAL
GMPC

EXECUTIVE DIRECTOR
GMGC