

**Shiksha Mandal's**  
**Bajaj College of Science, Wardha (Autonomous)**

**A Report on one day webinar**

“Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem”

The one day webinar on “Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem” was jointly organized by Department of Chemistry and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha on Saturday 17<sup>th</sup> April 2021. The webinar got overwhelming response from the college faculties and PG and UG students of various college of the Nagpur University. Total 184 participants registered for this webinar. Dr. P. V. Teakade, Incharge / HOD Department of Chemistry, Bajaj College of Science, and Convenor of the webinar has delivered the keynote address. The guest introduction was given by Dr. A. V. Nakhate, Coordinator of the webinar. The concluding remark was delivered by Dr. Mrs. Nita Mohabansi. The queries session was conducted by Dr. P.G.Borkar and Mr. M. D. Bansinge.

The more details of the webinar are as follows.

**Webinar Topic:** “Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem”

**Date and Time:** 17<sup>th</sup> April 2021; 03.00 pm -05.00 pm

**Organizers:** Department of Chemistry and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha

**Distinguished speaker:**

- Dr. Babu Gawade, Founder & Managing Director @Cleanchem Laboratories Mumbai
- Topic: “Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem”

Webinar platform: Zoom and live streaming on you tube.

**Organizing Committee**



Chairman: Shri. Sanjay Bhargava, Chairman, Shikha Mandal Wardha.

Principal: Dr. Om Mahodaya, Bajaj College of Science

Convener: Dr. P. V. Tekade

Co-ordinator: Dr. A.V.Nakhate

Member: Dr. Mrs. Nita Mohabansi

Member: Mr. M. D. Bansinge

Member: Mr. N. A. Barwat

Member: Dr. P. G. Borakar

Member: Dr. K. M. Dadure

Member: Dr. M. A. Haque

Member: Dr. A. A. Maheshwari

Member: Dr. G. V. Lakhotia

  
(Dr. P. V. Tekade)  
*Offi. Principal*  
*Bajaj College of Science*  
*WARDHA*



Glimpse of the Webinar

LIVE

## Indian Chemical Industry 2019

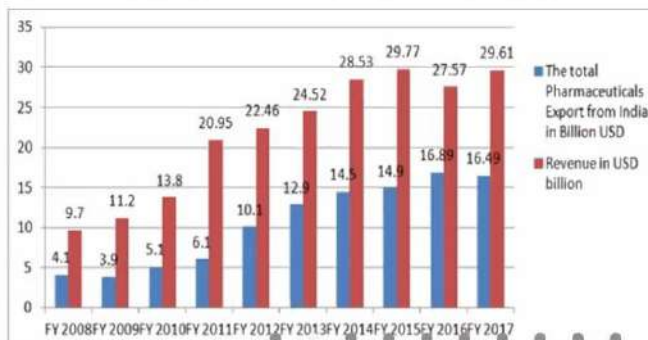
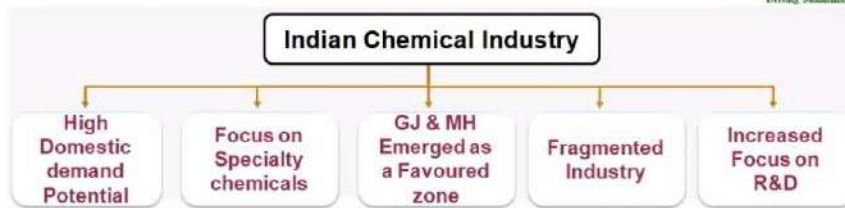
- ❑ 7% of National GDP
- ❑ 3<sup>rd</sup> Largest in Asia preceded by China and Japan
- ❑ 3% of Global share
- ❑ More than 1 Lakh commercial products
- ❑ Size of 108 billion dollars
- ❑ 14 % in overall index of Industrial production
- ❑ 12.5 % of Export Share
- ❑ 100% FDI approved by Government

Dr. Babu Gawade's screen additional jobs in this sector by 2025



## Characteristics of Indian Chemical Industry

LIVE



Dr. Babu Gawade's screen



Zoom Meeting You are viewing Dr. Bajju Gawade's screen View Options

Dr. Bajju Ga... Akhil Nakhate Prashant Borkar GV Lakhotiya Manoj Bansinge PEAKS A R & T...

**Secret Behind the Success**

- Cost Effective Technology
- Strong and well developed manufacturing base
- Knowledge based low cost manpower in Science and Technology
- Proficiency in path breaking research
- High standards of purity
- Non infringing processes for manufacturing
- World class process development (P&D) Laboratories
- Regulatory, Legal and Financial framework
- Global recognition due to liberalization, privatization & globalization

Cleanchem Laboratories Driving Sustainability

Unmute Start Video Security Participants Chat Share Screen Record Breakout Rooms Reactions Leave

(4) Overview of Indian Pharmace... X +

https://www.youtube.com/watch?v=yJfP9Q\_LBEW

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Cleanchem Laboratories Driving Sustainability

Dr. Bajju Gaw...

Top chat

- Pallavi Wandhare: yes sir
- Jamvi Dashmukh: good afternoon sir
- Ruchika Nimbalkar: good afternoon sir..!
- Afrin Shekh: good afternoon sir
- Shravani Kadu: good afternoon sir
- RITUJA KOTHE: good afternoon sir
- Aasma Khan: Good afternoon sir
- kartik.bute: gm
- Vaibhav Damhare: screen is not clearly visible. sir
- Arijita Choudhary: good afternoon sir
- Monal Nanore: good afternoon sir
- trupti zede: good afternoon 🙏🙏

Overview of Indian Pharmaceutical/ Chemical Industry and a Virtual Industrial Visit at Cleanchem

Unlisted

87 watching now • Started streaming 32 minutes ago

16 0 SHARE SAVE

**Evolution of India's Chemical Industry**

**Cleanchem Laboratories**  
Driving Sustainability

**Leave**

**LIVE**

**Basic Needs 1950-72**

- Chemical products to protect crops
- Agrochemicals, dyes, pharmaceuticals

**Establishment 1972-80**

- Public sector companies were set up to develop the petrochemical industry
- Plastic and fibres, petrochemical products

**Consolidation 1980-92**

- Consolidation started from largely fragmented firms with small capacities and high cost structures
- Paints, dyes, pharmaceuticals and detergents

**Liberalization 1992-95**

- Major investment plans by both Indian firms and MNCs
- Lower tariff barriers
- Diminishing role of public sector companies
- Petrochemicals, engineering plastic, specialty fibres

**Expansion 1995 onwards**

- In 2015, DCPC has announced to design a 16 point plan framework that would encourage the domestic production of chemicals
- Alliances and partnerships to achieve scale
- Licensing requirements removed except in the case of hazardous chemicals
- Increasing investments by foreign players in India through mergers & acquisition and joint ventures
- Allowed 100 per cent FDI in the chemicals industry

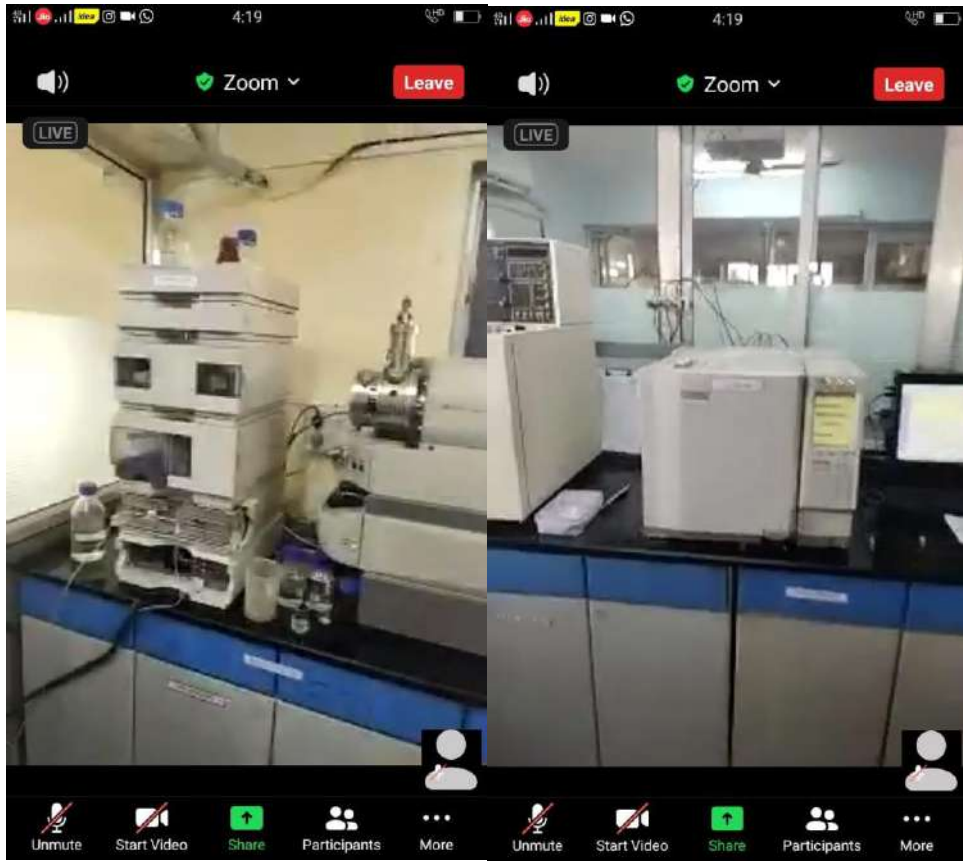
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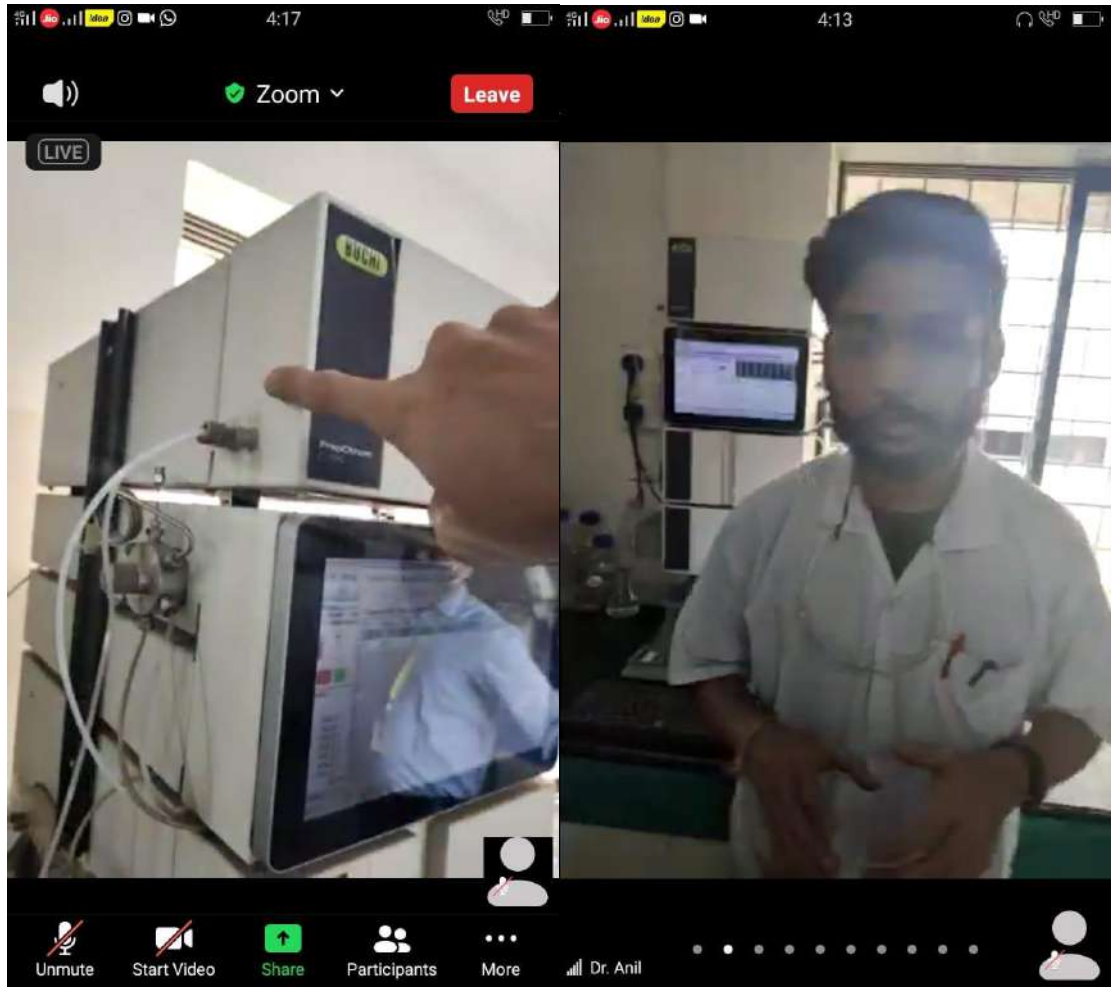
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**LIVE** **LIVE**

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LIVE

**Opportunities in Chemo-pharmaceuticals Industry**

- Intellectual Property Rights & Litigation
- Product & Projects Management
- R&D (NCE, Clinical Research, API, F&D)
- Process Design & Process Engineering
- Production Planning & Manufacturing
- Downstream Processing for Biologics
- Quality Control
- Quality Assurance - Regulatory Affairs
- Sales, Marketing & Business Development

Dr. Anil

**Live chat**  
Top chat 77

- 3:11 PM Vivek Bhute good afternoon
- 3:11 PM Akanksha Mishra good afternoon sir
- 3:11 PM Gayatri Chambhare Good Afternoon sir
- 3:11 PM Purva Bhandakkar good afternoon sir
- 3:11 PM Payal Getme good afternoon sir
- 3:11 PM pritika navhal good afternoon sir
- 3:11 PM Urmila Hole good afternoon sir
- 3:11 PM Manisha sahu good afternoon sir

Chat publicly as Pradip Tekade...

Zoom Meeting

LIVE on YouTube

Participants (74)

GV Lakhotiya Manoj Bansinge

Pradip Tekade Nandini dubey Kiran tajane PEAKS A R & T... Gayatri's Galaxy...

Rashmi Yadav Mangesh Yerpude Nita Mohabansi Pooja shelke Pratiksha Bhole

Sanjana sathwane Gayatri Bhutkar Amruta Kumbh... Bhavana Mohite Trupti Wankhede

Pooja gund Nakul Barwat Mayuri Kotewar shivani chaudhari Shital Aglawe

Chat

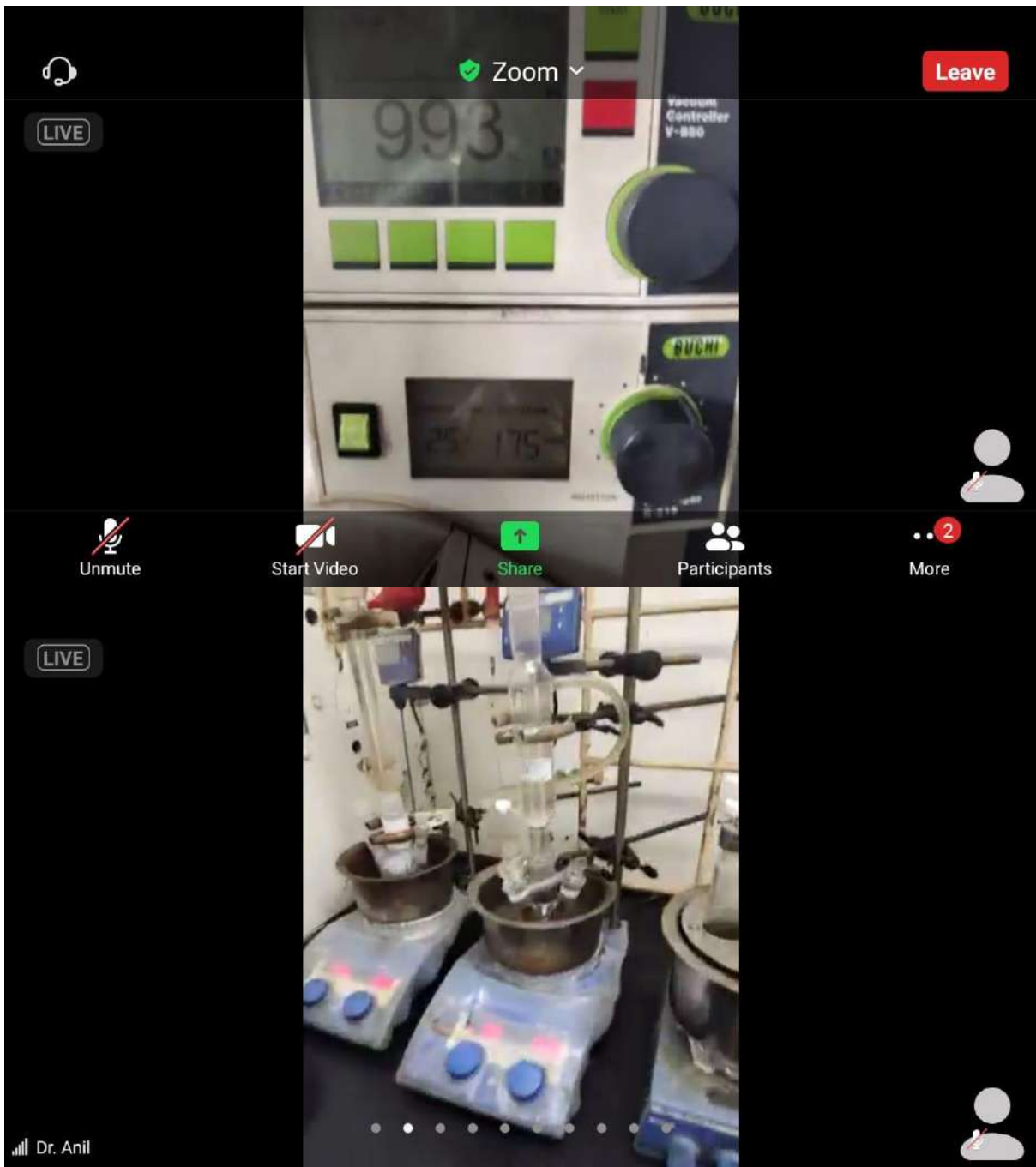
From manthan kosurkar to Everyone:  
manthan kosurkar B16 1769

From Anurag Lokhande to Everyone:  
Anurag Lokhande M1 B6 1261

To: GV La... (Direct Message) File

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Dr. Bapu Gawade's screen

6

Close Participants (100) Close Participants (99)

Waiting(3) **Admit all**

SF Samiksha farkade **Admit**

SM Shital Mankar **Admit**

MS Muskan sahu **Admit**

Participants(97)

Search

PT Pradip Tekade (Co-host, me) [Microphone Off] [Video Off]

GL GV Lakhotiya (Host) [Microphone Off] [Video Off]

DB Dr. Babu Gawade (Co-host) [Microphone Off] [Video Off]

AN Akhil Nakhate (Co-host) [Microphone Off] [Video Off]

MP Manoj Bansinge (Co-host) [Microphone Off] [Video Off]

PB Prashant Borkar (Co-host) [Microphone Off] [Video Off]

DB Dr. Babu Gawade (Co-host) [Microphone Off] [Video Off]

AK Abha Karale [Microphone Off] [Video Off]

AD Aditya dongare [Microphone Off] [Video Off]

AM Akanksha Mishra [Microphone Off] [Video Off]

AF AMEPURA FORUM [Microphone Off] [Video Off]

AK Amruta Kumbhare [Microphone Off] [Video Off]

AL Anurag Lokhande [Microphone Off] [Video Off]

AZ Anushri Zade [Microphone Off] [Video Off]

AR Aparna Raut [Microphone Off] [Video Off]

Invite Mute All ... Invite Mute All ...

Zoom Meeting

LIVE on YouTube

Ask to Unmute ...

Dr. Anil Prashant Borkar Manoj Bansinge Nandini dubey Kiran tajane

Dr. Babu Gawade Akhil Nakhate

Pradip Tekade

Participants (75)

Find a participant

Waiting Room (1) Message

Vishvakarma Shekdar sir

In the Meeting (75)

AN Akhil Nakhate (Co-host, me) [Microphone Off] [Video Off]

GL GV Lakhotiya (Host) [Microphone Off] [Video Off]

Invite Mute All ...

Chat

From Manoj Bansinge to Me: (Direct Message)

sound, clear nhi yet ahe

From Me to GV Lakhotiya: (Direct Message)

Feedback link: <https://forms.gle/cHnB7KimsDyKdMPB6>

To: GV La... (Direct Message) File ...

Type message here...

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