



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

KL COLLEGE OF PHARMACY

International Webinar Report January-2024

Ref: KLEF/RO/Pharmacy/2023-24

Date: 25-01-2024

Orders of the Hon'ble Vice-Chancellor dt. 25-01-2024

CIRCULAR

Sub: Conduction of International Webinar on "**Recent trends in Pharmaceutical Drug Product Development**" - Communication – Reg.

Ref: Letter dt. 25-01-2024 from Dr. G. Chakravarthi, Principal, KL College of Pharmacy,

This is to inform that KL College of Pharmacy will be organizing an **International Webinar on "Recent trends in Pharmaceutical drug product development"** being delivered by eminent speaker **Mr. P. Teja Kumar**, Senior scientist Formulation R&D , Medochemie Limited, Limassol, Cyprus (EU).

The Webinar will disseminate the knowledge regarding the recent trends in Pharmaceutical Development available in the field of Pharmacy by which the participants can also choose as a career option.

Webinar Details:

Date and Time: 27th January 2024, Saturday, 11.30am to 12.30pm

Registration Fee: Free

Who can Attend: All Lifesciences Faculty & Students (Pharmacy, Agriculture, Biotechnology, Food Technology, Chemistry)

Webinar Link: <https://meet.google.com/vmb-grin-ppz>

Organizing Committee:

Chairman, Dr G Chakravarthi,

For any further details on webinar, interested can contact the
Convener, Dr. A.ANKA RAO, ankarao@kluniversity.in , 9948467305

International webinar Report January-2024

| | |
|--------------------|--|
| Date | 27-01-2024 |
| Resource Person | Mr. P. Teja Kumar , Senior scientist Formulation R&D , Medochemie Limited, Limassol, Cyprus (EU). |
| Webinar Title | International Webinar on "Recent trends in Pharmaceutical drug product development" |
| Participants | Faculty, and Pharmacy Students |
| Room No | R-310D, K L E F deemed to be University, |
| Online link | https://meet.google.com/vmb-grin-ppz |
| Organizing Members | Coordinator: Dr A.Anka Rao |

KLCP- The International webinar on "Recent trends in Pharmaceutical drug product development":

Introduction:

The session began with an introduction to Recent trend in pharmaceutical drug product developments such as Quality by design approach based developments and micro/Nano formulations for sustained release formulations . The importance Three dimensional printed medication and artificial intelligence and Machine learning based pharma growth goals were highlighted.

Challenges and Opportunities:

The session addressed the challenges associated with the implementation current trends in pharmaceutical drug product developments, including Three dimensional printed medication and artificial intelligence and Machine learning based pharma growth. Opportunities for overcoming these challenges were explored, current trends in formulation and research development (F R&D).

Conclusion:

The webinar successfully provided a thorough exploration of Quality by design approach based developments and micro/Nano formulations for sustained release formulations, artificial intelligence and Machine learning based pharma growth. Attendees gained valuable insights into the current state of the field, challenges, and exciting opportunities for the future. The session fostered a deeper understanding of the recent trends in pharmaceutical drug product development.

The faculty and students of pharmacy benefited from this Webinar.

Total number of participants: 65

Photographs of the International webinar on "Recent trends in Pharmaceutical drug product development"

 **KL** College of Pharmacy

CATEGORY 1 UNIVERSITY
NAAC 5TH A++
RANKED 20
23 YEARS OF EDUCATIONAL

International Webinar on
RECENT TRENDS
IN PHARMACEUTICAL DEVELOPMENT


Resource Person



Mr. P. Teja Kumar
Formulation specialist,
Medochemie Limited, Limassol, Cyprus (EU)

Organising committee:
KL College of Pharmacy
Contact person:
Dr. A. Anka Rao, Assoc. Prof.,
ankarao@kluniversity.in ;
Phone: 9948467305.

27Jan 2024
& IST 11:30 AM.



Current trends in Pharmaceutical Development

1. Quality by design (QbD) approach based development
2. Micro/Nano formulations for sustained (controlled/targeted release
3. Three-dimensional (3D) printed medication
4. Artificial Intelligence & machine learning based Pharma growth
5. Continuous manufacturing, Robotic manufacturing
6. Digital Transformation
7. Customized or personalized medicine
8. Nitrosamines, Leachable, Residual solvents
9. Supply chain disruptions & Compliance & Regulatory challenges

Vaddeswaram, Andhra Pradesh, India
CJRF+GJ2, K L UNIVERSITY, Vaddeswaram, Andhra Pradesh 522303, India
Lat 16.441176°
Long 80.623985°
27/01/24 11:55 AM GMT +05:30

GPS Map Camera



Guntur, AP, India
Tadepalle, Guntur, 522302, AP, India
Lat 16.441227, Long 80.624177
01/27/2024 11:42 AM GMT+05:30
Note : Captured by GPS Map Camera

G. Cheluvu
PRINCIPAL
Koneru Lakshmaiah Educational Foundation
(Deemed to be University)
Green Feilds, Vaddeswaram-522502
Guntur District, Andhra Pradesh.



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International Webinar Attendance 27th January 2024

| Name | Student/ faculty/Staff | Registration Number/ Emp ID | Signature |
|-----------------------------|------------------------|-----------------------------|------------------|
| Dr.R.Supriya | Faculty | 6944 | Supriya |
| Sujith | Student | 2300530023 | Sujith |
| Greeshma akula | Student | 2201570016 | Greeshma |
| Padala Revanth | Student | 2201570014 | Revanth |
| Hayiru Mohammed | Student | 2100539009 | Hayiru |
| G Sravani | Student | 2201570011 | Sravani |
| T.Jagadeesh | Student | 2301570012 | Jagadeesh |
| Kvineethkumar | student | 2300530002 | Kvineethkumar |
| CH.V.S.S Lakshmi Sarayu | Student | 2101570006 | Sarasu |
| Lakshmi Deepika Kedarisetti | Student | 2300530022 | Deepika |
| Kavuri Deshna | Student | 2101570026 | Deshna |
| Bharadwaj Kakumanu | Student | 2101570008 | Bharadwaj |
| Reshma. Nalluri | Student | 2201570001 | Reshma |
| K.Reshma Gayathri | Student | 2201570024 | Gayathri |
| Eesha Meruva | Student | 2101570020 | Eesha |
| Badineni Sri lakshmi | Student | 2300530026 | Sri lakshmi |
| P. Manaswini | Student | 2201570004 | Manaswini |
| Thota Asmitha | Student | 2101570024 | Asmitha |
| BOMMAREDDY DEVI ARUNA J | Student | 2101570028 | Aruna |
| Polasi Dinesh Babu | Student | 2300530007 | Dinesh |
| Perala Nandu | Student | 2101570009 | Nandu |
| Yakshitha | Yakshitha | 2300530021 | Yakshitha |
| Dr Katari Sukeerthi | Assistant Professor | 6946 | Sukeerthi |
| Sk mahammad Jani | Student | 2300530025 | Sk mahammad Jani |
| Sirila | Student | 2300530019 | Sirila |
| A.Komaleena | Student | 2101570018 | Komaleena |
| Pujitha Chatragadda | Student | 2201570005 | Pujitha |
| Vasthav | Student | 2300530001 | Vasthav |
| Bhanu Nirmal Koganti | Student | 2201570017 | Bhanu |
| Bhargav | Student | 2300530030 | Bhargav |
| Hemanth | Student | 2101570017 | Hemanth |
| Piyush Bandela | Student | 2101570016 | Piyush |
| P. Lasya Sree | Student | 2101570015 | Lasya |
| P.Jahnavi Naga Pavani | Student | 2201570013 | Jahnavi |
| Maddu .Naga.Suvarna | Student | 2201570006 | Suvarna |
| jaganmaheshm@gmail.com | Student | 2301570011 | Jaganmahesh |
| K.shanmukha Sai | Student | 2301570021 | Shanmukha |
| T.Jaswanthkumar | Student | 2300530033 | Jaswanth |
| Sowmya.B | Student | 2301570019 | Sowmya |
| K.siri | Student | 2301570003 | Siri |
| M Ahalya | Student | 2301570013 | Ahalya |
| Putta Sai Kousik | Student | 2300530039 | Kousik |
| Akash Ghosh | Student | 2301570022 | Akash |
| J. UDAY KIRAN | Student | 2301570007 | Uday |
| Sk.shajidha | Student | 2300530027 | Shajidha |
| Sayyeda Alvia Narjis Rizvi | Student | 2301570025 | Rizvi |