

Research and Development Cell (R&D)

Constituted on 20-06-2016



NARASARAOPETA INSTITUTE OF PHARMACEUTICAL SCIENCES (AUTONOMOUS)



Kotappakonda Road, Yellamanda (P.O), NARASARAOPET - 522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.
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Date: 25-11-2024.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **28-11-2024**, Thursday at 3:45 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. Planning for the programmes on R&D
2. Review on previous meeting regarding publications.
3. Project Review meetings
4. Any other points with the permission of chair.


COORDINATOR
Dr. Raghavendra Kumar Gunda
(R & D CELL) M.Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601
Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board


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PHARMACEUTICAL SCIENCES
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NARASARAOPET - 522 601
Guntur (Dt.) A.P.



NARASARAOPETA INSTITUTE OF PHARMACEUTICAL SCIENCES (AUTONOMOUS)



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Date: 28-11-2024

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 27-07-2024.

Proposed Agenda:

1. Planning for the programmes on R&D.
2. Review on previous meeting regarding publications.
3. Project Review meetings.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener	
3	Mr. M. Ramakrishna	Assoc. Professor	Ph. Analysis	Member	
4	Mrs. V. Swathi	Assoc. Professor	Pharmacology	Member	
5	Mrs. SK. Farahan Subahan	Assoc. Professor	Pharmacy Practice	Member	
6	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
7	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member	
8	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member	
9	Mr. M. Samuel	Assoc. Professor	Pharmacognosy	Member	

Meeting outcomes:

1. Planning for the programmes on R&D:

Chairperson of committee proposed to organize a one week online Faculty Development Programme on "Enhancing the Pharmacist Skills- the AI Advantage (e-FDP on EPS-AI)". Members expressed their co-operation for organizing the same.

2. Project Review meetings:

Tentative Dates for the review meetings for Academic Year 2024-2025 for B.Pharm, M.Pharm and Pharm.D Research Scholars was scheduled and successfully circulated the same.

3. About Publishing papers in Indexed Journals:

Principal suggested that to guide the students to publish their thesis work in the Scopus indexed or UGC care approved journals with good impact factor.

4. Members also expressed the need of hour to conduct Guest lectures on recent trends in Pharmaceutical Sciences.

Chairperson agreed the same to conduct in future. Members communicated to resource persons regarding their schedule to deliver the talk in NIPS.

1	Enhancement of Skin permeability with Microneedles Techniques: From Conceptual Framework to Commercial Products- A Comprehensive Review.	Raghavendra Kumar Gunda	Pharmaceutics	Let App Nanobiosci
2	Combined Effect of HPMC K 100M and Eudragit L/100-55 on release rate of Anticonvulsant Drug	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Bul Pharm Res
3	Ocular drug delivery system: A short review	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	J Pharm Adv Res
4	Niosomes: A Short Review	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Cur Tren Pharm Clin Trial
5	Nanoemulsion: A Review	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	J Pharm Biomed
6	Development and <i>In-vitro</i> Assessment of Divalproex Sodium Bilayered Tablets.	Raghavendra Kumar Gunda	Pharmaceutics	J App Pharm Sci Res
7	Design, development of Carvedilol floating pulsatile drug delivery system.	Raghavendra Kumar Gunda	Pharmaceutics	J App Pharm Sci Res
8	A Prospective Observational Study on Prevalence and Incidence of Anaemia among Gestational Women	SKF Subahan Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacy Practice Pharmaceutics	J App Pharm Sci
9	A Prospective Observational Study and Comparative Efficacy of Topical Benzoyl Peroxide and Minocycline Gel with and without Added Chemical Peel in Acne Treatment	RVSS Lathsri Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacy Practice Pharmaceutics	J App Pharm Sci
10	A Prospective Observational Study on the Prevalence of Dyslipidemia and Cardiovascular Complications in Hypothyroid Patients	SKM. Mobin Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacy Practice Pharmaceutics	J App Pharm Sci
11	A Study on Prescribing Patterns of Anti-Diabetic Drugs in Type 2 Diabetic Patients.	Ram NK Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacology Pharmaceutics	J App Pharm Sci
12	A Prospective Observational Study on the Impact of Triple Therapy Alone or in Combination with Probiotics to Improve the Quality of Life in H. pylori Infected Patients	Prathima AS Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacy Practice Pharmaceutics	J App Pharm Sci
13	A Prospective Observational Study on Safety Evaluation of Immunization in Infants and Children	SKF Subahan Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmacy Practice Pharmaceutics	J App Pharm Sci



PROGRAM REPORT

Department of Pharmaceutics, NIPS organized a one week online Faculty Development Programme (FDP) from 16th to 21st December 2024, titled on "**Enhancing the Pharmacist Skills- the AI Advantage (e-FDP on EPS-AI)**".

The online Faculty Development Programme provides a platform for interaction among experts, fostering knowledge exchange. Renowned speakers will address the latest developments, inspiring active participation from young scientists, and faculty.

The objectives of online FDP are

- Empower Faculty with AI Knowledge
- Integrate AI into Pharmacy education
- Enhance Clinical Research Skills
- Improve Teaching Strategies
- Stay Ahead of Future Trends
- Promote Interdisciplinary Collaboration


By achieving these objectives, the programme will enhance faculty capabilities to prepare students for an AI-augmented future in pharmacy, empowering them to lead in education, research and practice.


The event was graced by the presence of **Prof. V. Alagarsamy**, Vice Chancellor, MNR University, Telangana & **Mr. M. Chandrasekhara Rao**, Assistant Director, Vigilance & Intelligence, DCA, AP as **Chief Guests** for the Inaugural Session. Their insightful address has inspired us all to explore the boundless potential of AI in pharmacy and beyond.


The inaugural day (16-12-2024) featured **Prof. Karthickeyan Krishnan**, HOD, Department of Pharmacy Practice at School of Pharmaceutical Sciences, VISTAS, Chennai, as the keynote speaker. Prof Karthickeyan eloquently discussed the application of Artificial Intelligence in Translational Research, followed by Q&A session, it was went well. Participants gained practical insights and explored AI's potential in transforming the pharmaceutical landscape. Day-2 (17-12-2024) main speaker, **Prof. Saikishore V**, HOD, Department of Pharmaceutics, Bapatla College of Pharmacy, Bapatla delved into the realm of Boosting up of new drug development process with the help of Artificial Intelligence. Day-3 (18-12-2024), **Prof. Venkata Siva B**, HOD, Department of Mechanical Engineering, Narasaraopeta Engineering College (A), Narasaraopet delivered a lecture on The Future of Pharmaceutical Manufacturing

Process: Artificial Intelligence went nice. Participants gained knowledge on role of AI on formulation Development. On Day-4 (19-12-2024), **Mrs. N. Santhi Priya**, Associate Professor Vignan Pharmacy College, Guntur, provided a detailed account of AI driven Drug Delivery Systems : Current Applications and Future Prospects. On Day-5 (20-12-2024), **Mr. Satish Kumar V**, Founder & CEO, Clinoxy Solutions Pvt. Ltd, Hyderabad, who centred his discussion on Artificial Intelligence in Clinical Research. The concluding day (21-12-2024) featured **Mr. C. Ramana Reddy**, Senior Manager, CQC, Sun Pharmaceuticals Industries Ltd, Vadodara, who shed light on the practical applications of AI in Quality Control. The Valedictory Function was graced by **Dr. J.N. Suresh Kumar**, Principal of Narasaraopeta Institute of Pharmaceutical Sciences (A), Narasaraopet. The event garnered enthusiastic participation from 176 attendees who actively engaged in Q&A sessions with the speakers each day, finding the program challenging yet enjoyable.

The concluding remarks were made by **Dr. Raghavendra Kumar Gunda**, Associate Professor, Department of Pharmaceutics, Convener of FDP, expressing gratitude to the Chief Guest, Guest of Honour, speakers, and participants for their untiring commitment to the six-day learning program. The FDP successfully provided a platform for robust discussions and knowledge exchange, contributing to the advancement of AI in the field of Pharmacy. The Organising Committee members also discussed potential follow-up events, workshops, or seminars to further explore and promote the field of Pharmaceutical Sciences.


Convener
Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences,
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and Recognized by Govt. of A.P.

Department of Pharmaceutics, NIPS
organises A one week
Online Faculty Development Programme on
**ENHANCING THE PHARMACIST SKILLS -
- THE AI ADVANTAGE**
Date: 16/12/2024 to 21/12/2024
Program Schedule will be intimated day wise

ABOUT THE COLLEGE

Narasaraopeta Institute of Pharmaceutical Sciences (NIPS) was established in the year 2007 under the aegis of the Andhra Sahasrabalika Education Trust, Narasaraopeta under the leadership of Mr. Mitragaddi Venkata Subbarao Babu in the Indian state of Andhra Pradesh. The college has been making remarkable progress in the field of pharmacy education under the leadership of the young and dynamic leadership of the current, Mr. Mitragaddi Ramachandra NIPS is the one and only pharmacy education in Narasaraopeta affiliated to the PCTE, Hyderabad and is the first of its kind in the region.

The institution aims to foster exceptional pharmacy professionals to be the integral part of the pharmaceutical industry through continuous research and innovation. The institution is keen to encourage and empower young talents to take up advanced pharmacy and ensure its progress to provide the best results of the industry at the lowest cost while and thereby build the pharmaceutical status of the state with NIPS acts as an incubator to make the students research oriented faculty members, entrepreneurs. This institution has a wide range of facilities which range from academic, hostel, library, computer laboratory and coordination between industry to serve on the principle of education of mind and set up an industry/entrepreneurship relationship among the members of the institution.

NIPS is located on some 40 acres campus in a place called Vallamandla, very close to Narasaraopeta and towards Koppakunda which is, in turn, 100 km from the state capital, Hyderabad. It is situated on the National Highway number 16, which is approximately 10 km from Koppakunda. The college is well connected by road and rail to the main cities of the state and India, the nearest airport being Hyderabad about 110 km away.

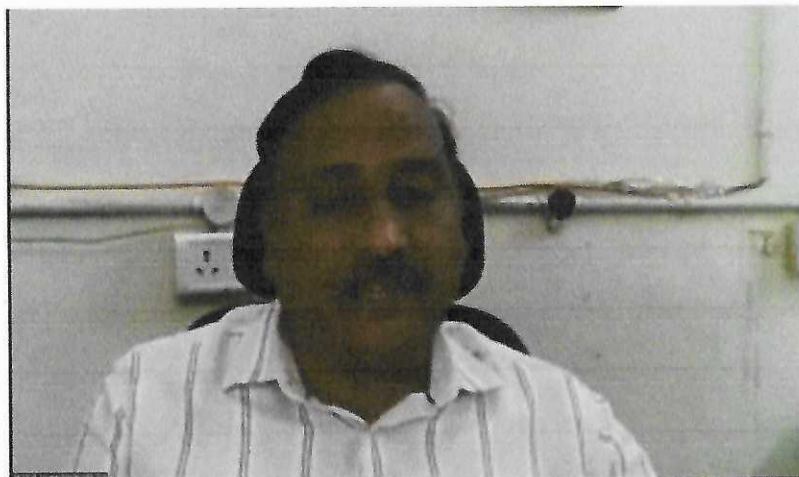
The institution is currently in the NARSARAOPETA CAMPUS and is in the process of setting up the new campus at Vallamandla. The institution is currently in the process of setting up the new campus at Vallamandla. The institution is currently in the process of setting up the new campus at Vallamandla.

Vision

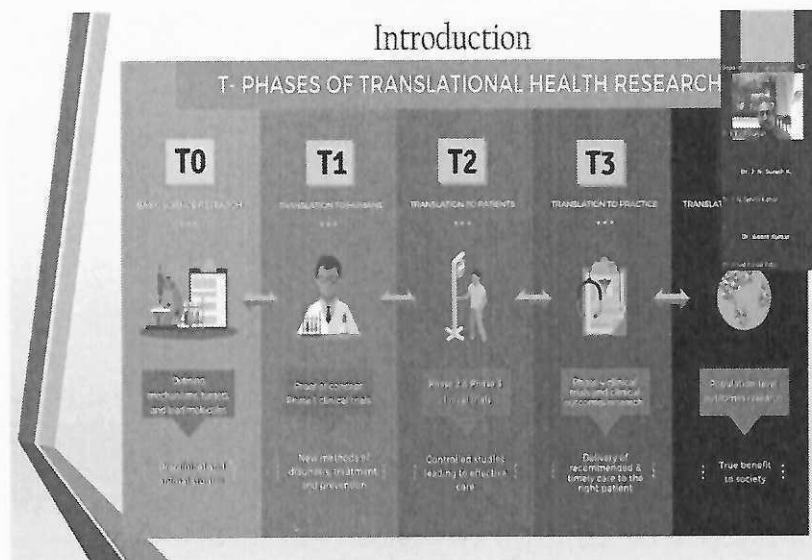
NIPS is determined to be a center for excellence in pharmacy education, research & training for the next future and to produce better pharmacist of exceptional knowledge, ability to work



Chief Guest Prof. V Alagarsamy



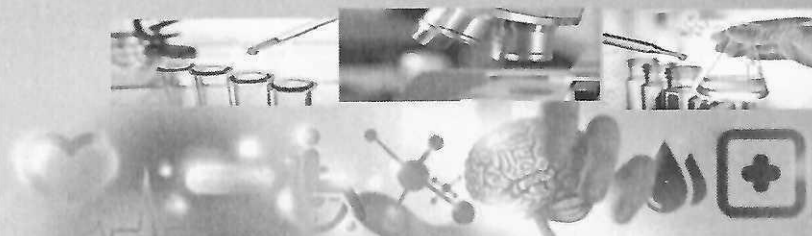
Guest of Honour Mr. M. Chandrasekhara Rao



Day- 1 key note speaker **Prof. Karthikeyan Krishnan**



Glimpses of Day- 1 (16-12-2024)




BOOSTING UP THE NEW DRUG
DEVELOPMENT PROCESS WITH THE
OF ARTIFICIAL INTELLIGENCE


Dr. V.SAIKISHORE

Dept of Pharmacology, MPS
Dr. V. Saikishore
BHAVANI
BHAVANI
Dr. V. Saikishore

What is
**Artificial
Intelligence**



The branch of science and technology that is devoted to the creation of machines that learn and think as intelligently as human beings. This field is known as Artificial Intelligence or AI.



17:24

Dept of Pharmacology, MPS
Dr. V. Saikishore
BHAVANI
BHAVANI
Dr. V. Saikishore

Qualifications of investigators:

Only clinicians experts in the disease being treated are used as investigators in phase-2.

Limited no of patients with disease or condition for which drug was developed are treated under close supervision.



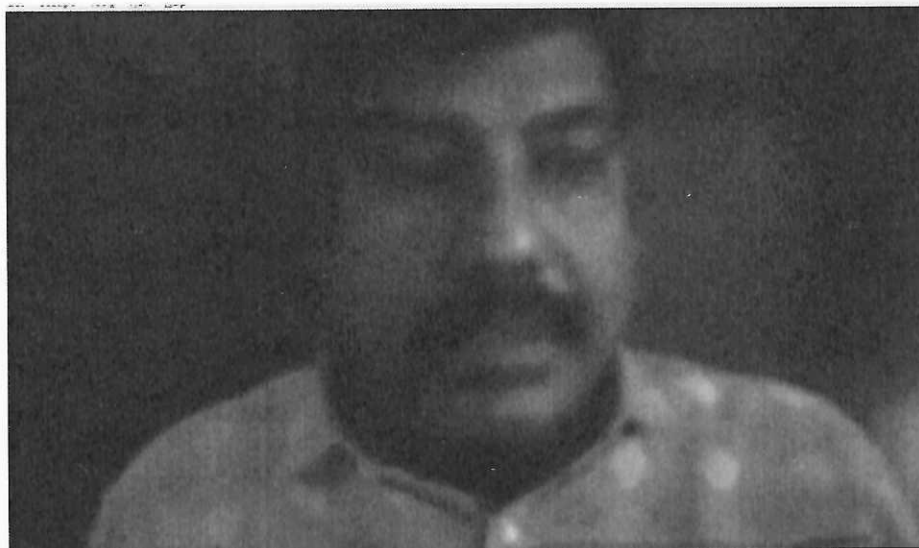
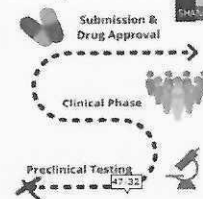
Efficacy
is the power to produce a desired effect.
The effect we wish to produce is peace.

45-44

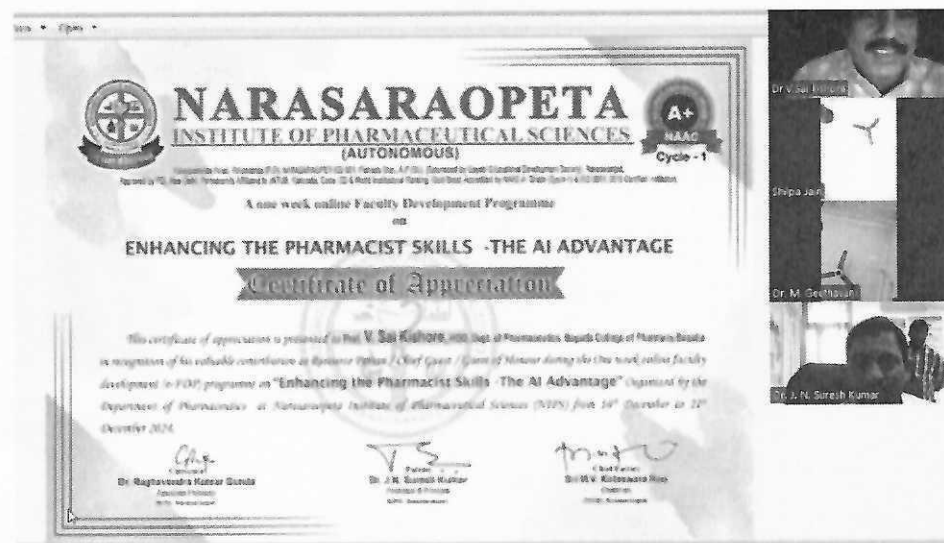
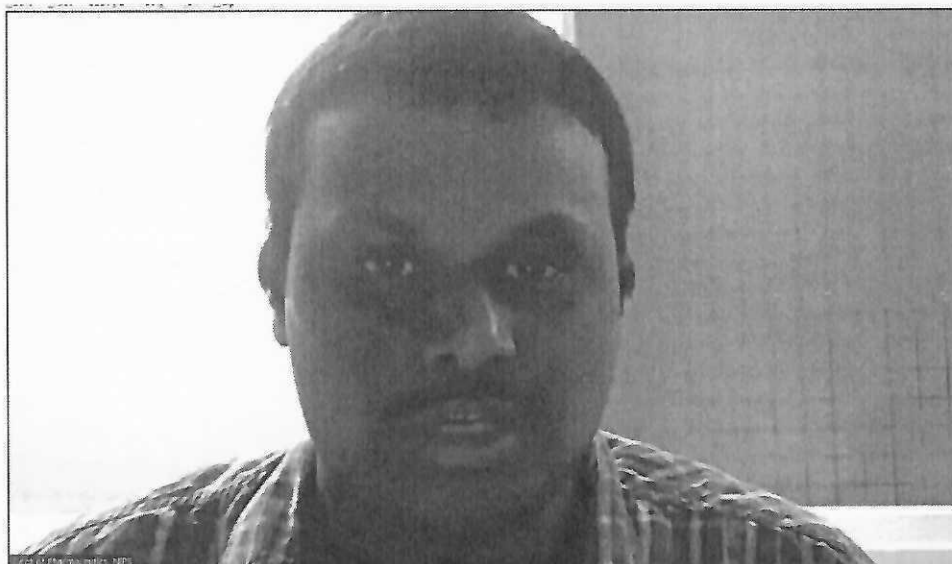


Submission of NDA:

An NDA is submitted to FDA for review and approval after completion of clinical trials that show to the satisfaction of medical community that the drug product is effective in all parameters & is reasonably safe as demonstrated by animal & human studies.



Day- 2 key note speaker **Prof. Saikishore V**



Glimpses of Day- 2 (17-12-2024)

The Future of Pharmaceutical Manufacturing Process: Artificial Intelligence

Presented By
Dr B Venkata Siva
Professor & Hod
Dept. of Mechanical Engineering
Narasaraopeta Engineering College

AI Applications in Pharmaceutical Manufacturing

Drug Discovery and Development

- AI algorithms help in predicting molecular behavior and identifying potential drug candidates faster.

Process Optimization

- AI models optimize production processes to increase efficiency and reduce costs.

Quality Control and Assurance

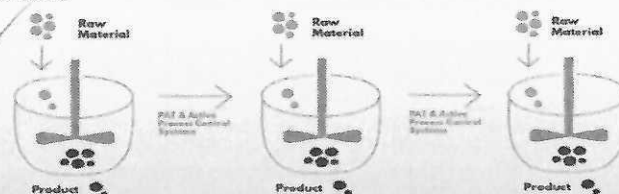
- AI is used for real-time monitoring and quality checks, ensuring higher consistency and reducing human error.

Supply Chain Management

- AI enables better demand forecasting, inventory management, and distribution optimization.

Improving Continuous Pharmaceutical Manufacturing

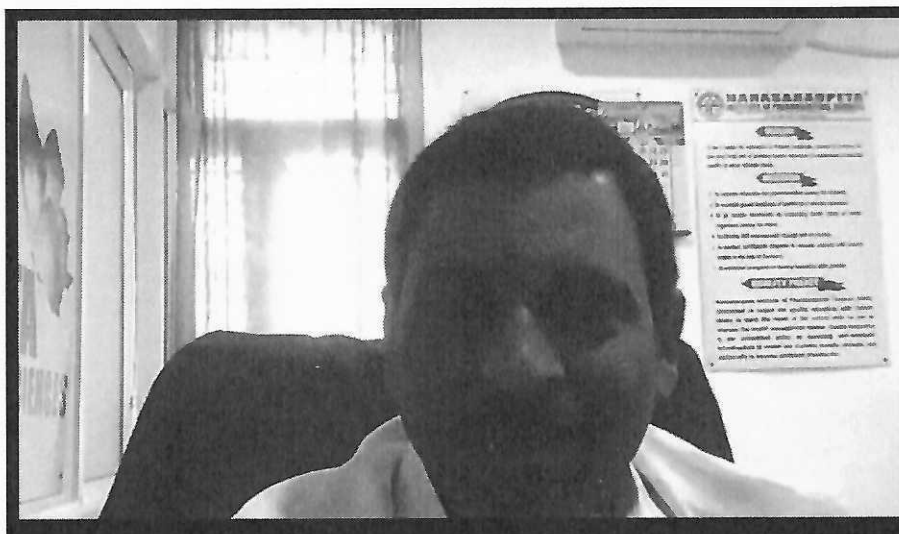
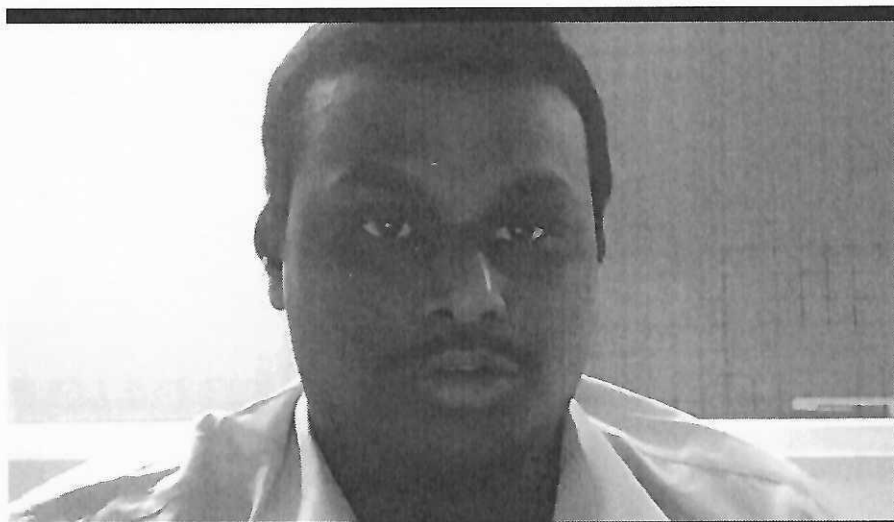
AI solutions can be used as part of process control and as tools for equipment performance measurements, such as temperature and pressure levels, checking cleaning procedures against factory specs, and identifying possible contamination sources based on sensor readings from sensors embedded throughout the facility.



A typical continuous manufacturing process that takes place at one site, has a short supply chain and usually takes up to days to produce the end product



Day- 3 key note speaker **Prof. B. Venkata Siva**




Glimpses of Day- 3 (18-12-2024)



Day- 4 key note speaker Mrs. N. Santhi Priya


One Week Online Faculty development Program on ENHANCING THE PHARMACIST SKILLS - THE 3M ADVANTAGE

AI DRIVEN DRUG DELIVERY SYSTEMS : CURRENT APPLICATIONS AND FUTURE PROSPECTS



Resource Person:

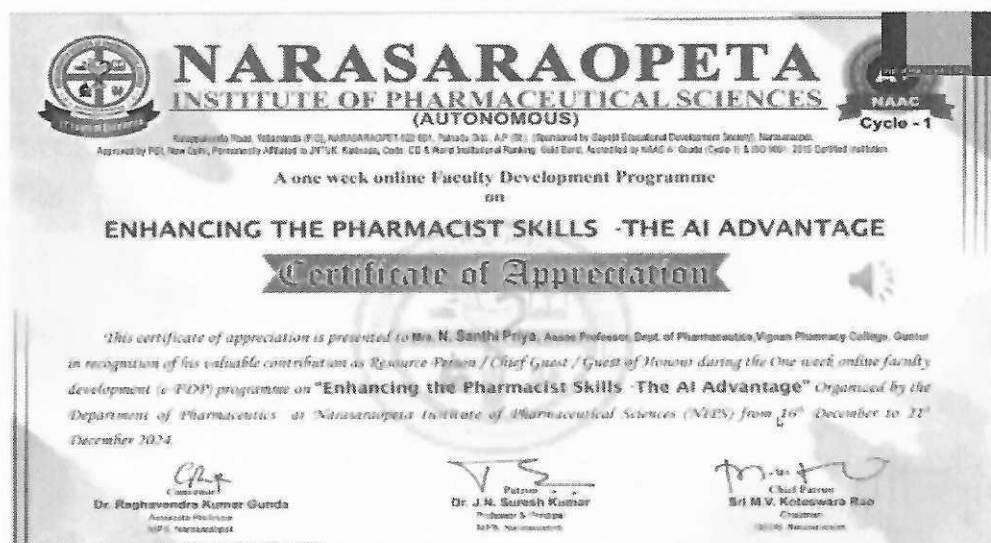
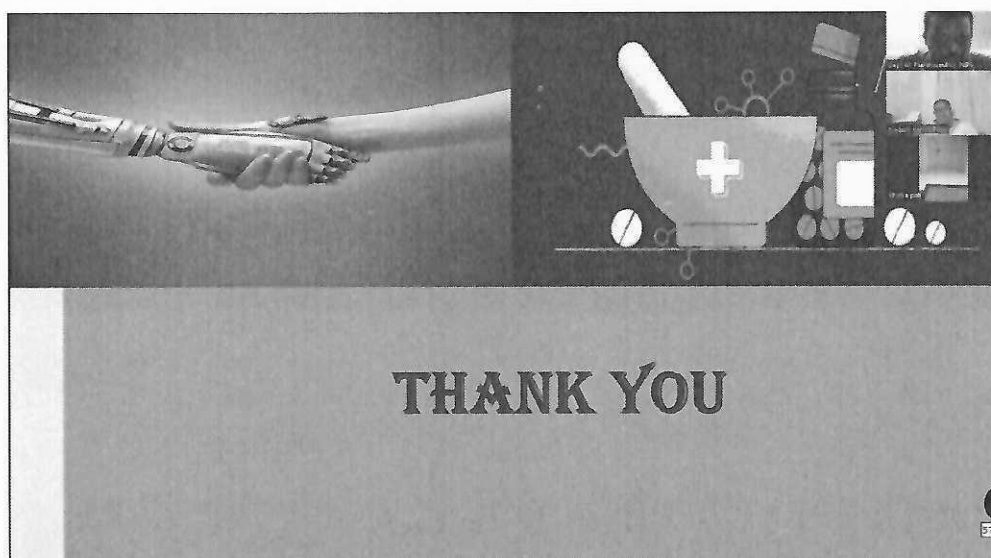
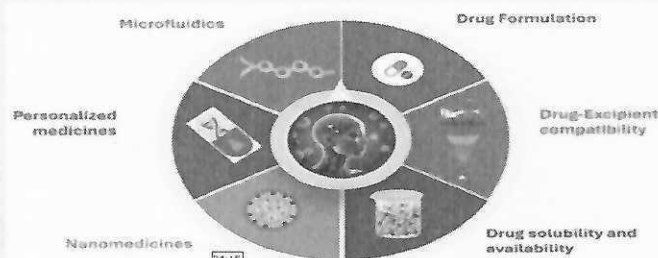
Mrs. Nagam. Santhi Priya
Associate Professor
Vignan Pharmacy college

 **VIGNAN**
PHARMACY COLLEGE
Valluvar St. Salem
Tamil Nadu

EXPLAINABLE AI (XAI) IN DRUG DELIVERY

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- Traditional AI models are black boxes; XAI provides interpretability.
- Shapley Additive Explanations (SHAP) identifies key features influencing predictions.
- Mechanistic studies still essential for causal understanding.



Glimpses of Day- 4 (19-12-2024)



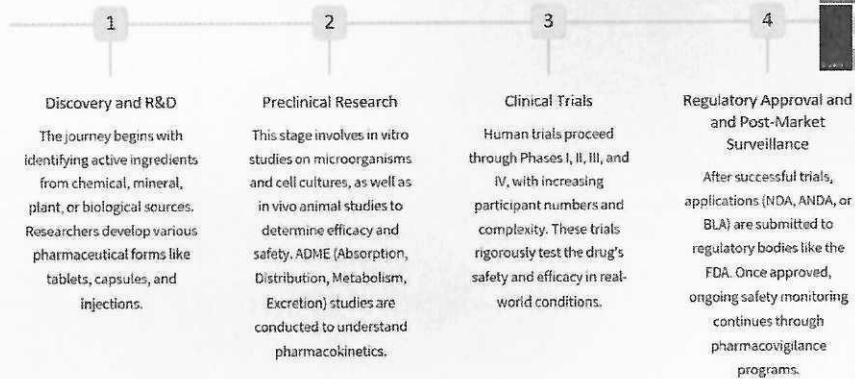
Artificial Intelligence in Clinical Research and Clinical Data Management

Date: 20 Dec 2024
FDP Program by NIPS

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The Drug Development Journey

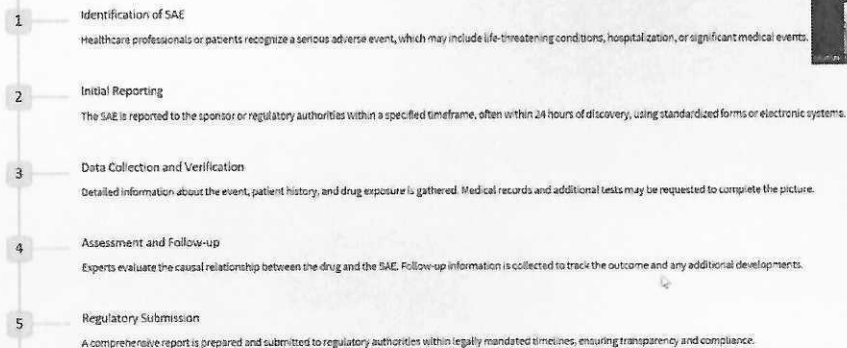
clinO



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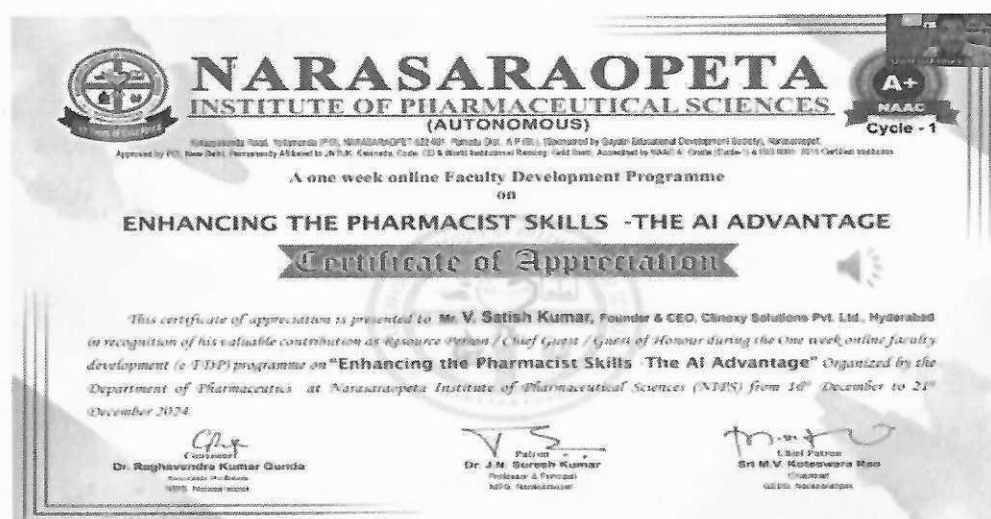
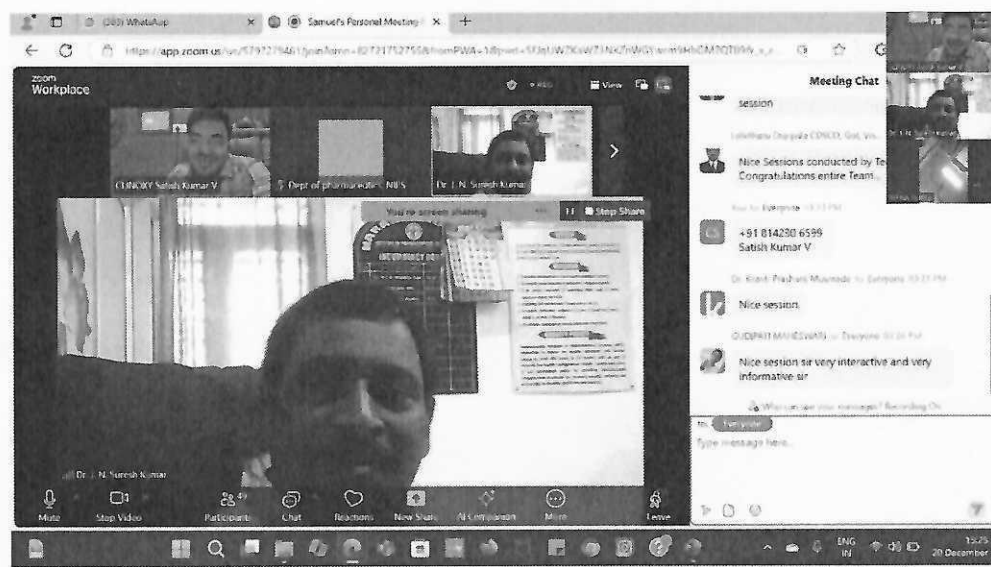
Serious Adverse Event (SAE) Reporting in Pharmacovigilance

clinO





Day- 5 key note speaker **Mr. V. Satish Kumar**



Glimpses of Day- 5 (20-12-2024)



Day- 6 key note speaker **Mr. C. Ramana Reddy**

PERSONNEL

- Necessary qualification, proper training and adequate experience is must.
- Always wear the company's uniform or apron as applicable in the laboratory premises.
- Do not drink or eat in the laboratory.
- Always wear closed-toe shoes.
- Protective wear (Lab coat) and goggles will keep you from getting splashed.
- Wear gloves when handling acids, hazardous chemicals.
- Training record of all the personnel shall be maintained.
- Follow safety instructions carefully all the time.
- Follow approved procedures (E.g. SOP / WI, SIP, GI, Etc) to carry out the lab activities.

11



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A one week online Faculty Development Programme
on

ENHANCING THE PHARMACIST SKILLS -THE AI ADVANTAGE

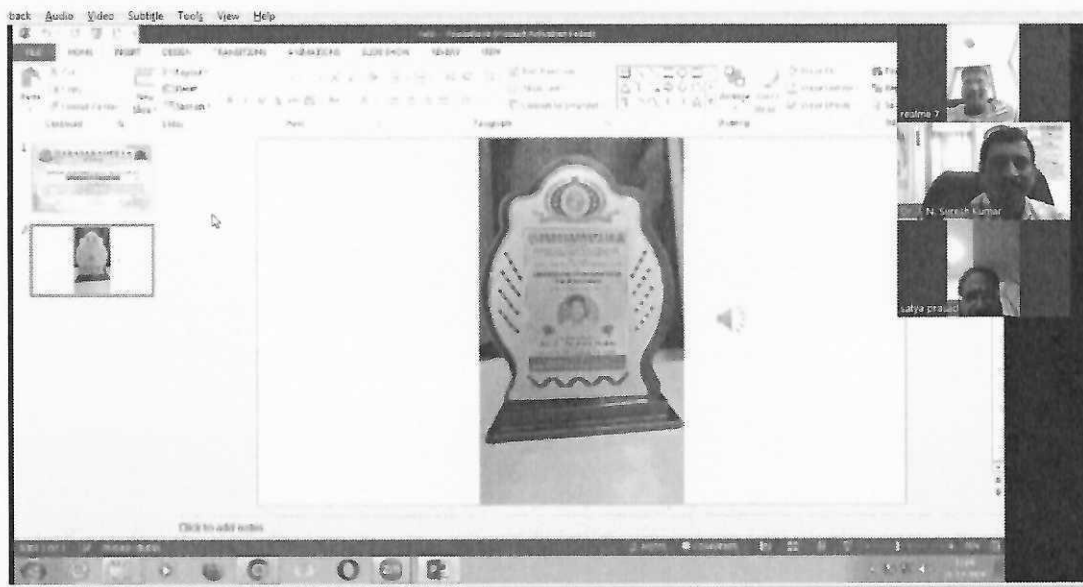
Certificate of Appreciation

*This certificate of appreciation is presented to **Mr. C. Ramana Reddy**, Senior Manager, CQC Sun Pharmaceutical Industries Ltd., Gujarat in recognition of his valuable contribution as Resource Person / Chief Guest / Guest of Honour during the One week online faculty development (e- FDP) programme on "Enhancing the Pharmacist Skills -The AI Advantage" Organized by the Department of Pharmaceutics at Narasaraopeta Institute of Pharmaceutical Sciences (NIPS) from 16th December to 21st December 2024.*

[Signature]
Convener
Dr. Raghavendra Kumar Gunda
Associate Professor
NIPS, Narasaraopeta

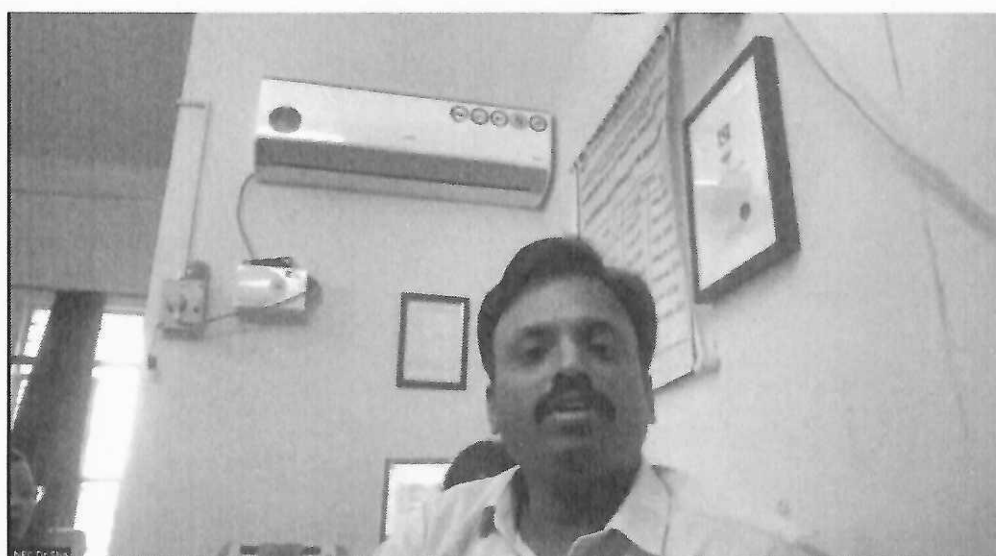
[Signature]
Patron
Dr. J.N. Bureiah Kumar
Professor & Head
NIPS, Narasaraopeta

[Signature]
Chief Patron
Sri M.V. Kallabawara Rao
Manager
NIPS, Narasaraopeta



Glimpses of Day- 6 (21-12-2024)



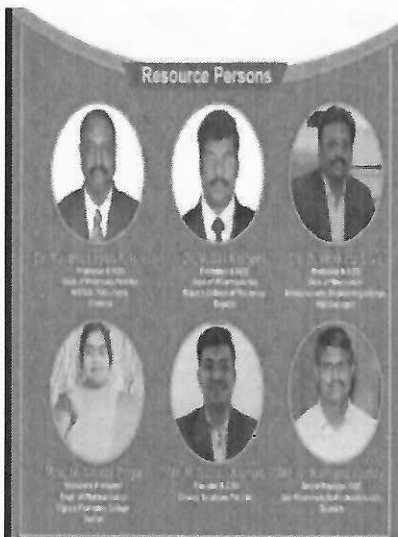




Prof. V. Alagarsamy ,
Vice Chancellor, MNR University,
Hyderabad, Telangana



Mr. M. Chandrasekhara Rao ,
Assistant Director (Vigilance & Intelligence),
Drugs Control Administration,
Vijayawada, Andhra Pradesh



Dr. Raghavendra Kumar Gonda
Associate Professor,
Maharaja Pratap Singh College of Pharmacy, Khammam,
Khammam District, Andhra Pradesh - 502001

Dr. K. Venkata Gopalaiah, Associate Professor
Mrs. M. Ramya Teja, Associate Professor
Mrs. O. Girija Kumari, Associate Professor
Mr. P. Adinarayana Reddy, Associate Professor
Mrs. Ch. Bhavani Reddy, Associate Professor



Dr. Raghavendra
Kumar Gonda



Dr. K. Venkata
Gopalaiah



Mrs. Ramya Teja



Mrs. O. Girija Kumari

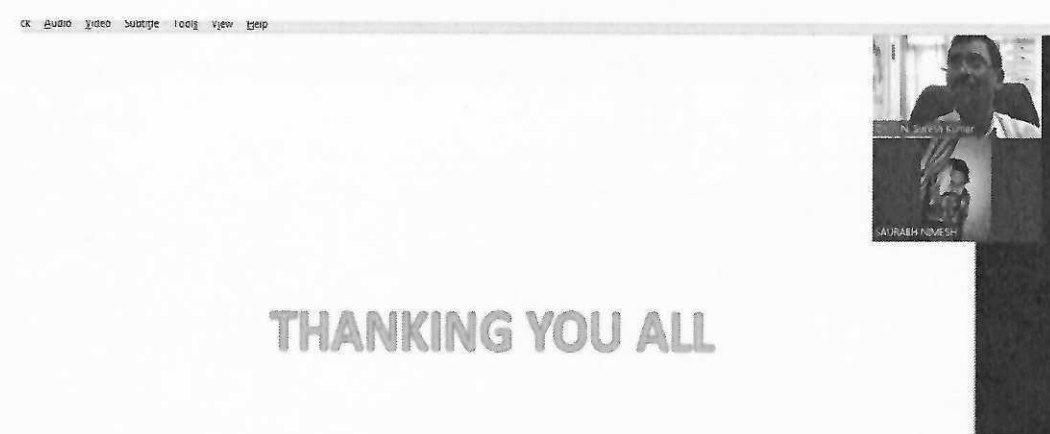
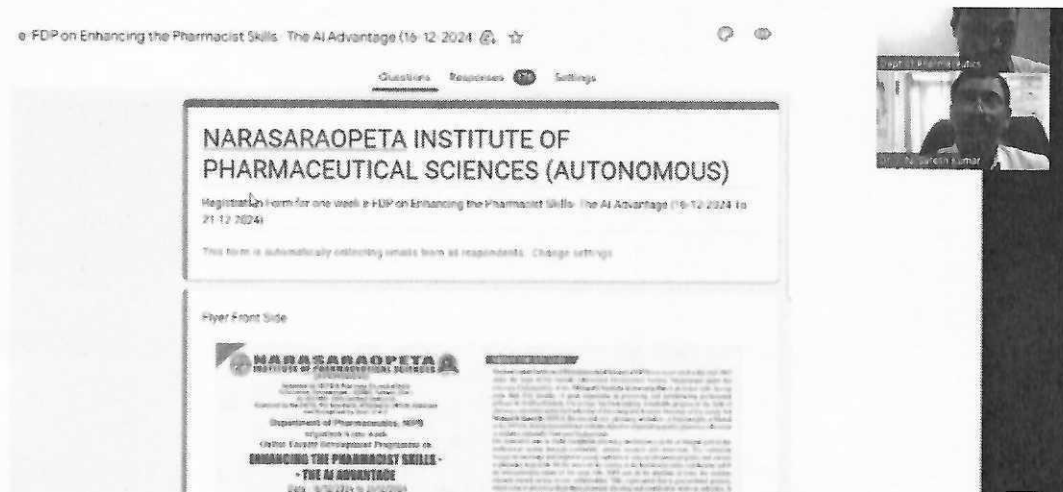


Mr. P. Adinarayana Reddy



Mrs. Ch. Bhavani Reddy





Glimpses of Valedictory (21-12-2024)



PROGRAM REPORT

NIPS R&D cell organized a guest lecture on "Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer's disease in Type 2 Diabetes" for V Pharm.D students on 22nd March 2025. The speaker of the session was:

Speaker: **Dr. Ranakishor Pelluri** M.Pharm., PhD
Associate Professor, KL College of Pharmacy, Andhra Pradesh.

The objectives of the guest lecture were

- To provide an overview of the **mTOR (mechanistic Target of Rapamycin)** pathway and its role in cellular growth, proliferation, and neurodegeneration.
- To explore the latest findings on the use of **SGLT2 inhibitors** in modulating the mTOR pathway.
- To discuss the potential therapeutic applications of SGLT2 inhibitors in treating **Alzheimer's disease** in patients with **Type 2 Diabetes Mellitus (T2DM)**.

The resource person delivered a comprehensive session highlighting the interplay between metabolic and neurodegenerative diseases.

The key highlights of session includes the following

- **Understanding the mTOR Pathway:** Dr. Pelluri elucidated the key mechanisms of the mTOR pathway and its dual role in cellular metabolism and neurodegeneration.
- **SGLT2 Inhibitors as Neuroprotective Agents:** Recent research findings demonstrating the neuroprotective effects of SGLT2 inhibitors through modulation of mTOR signaling were presented.
- **Link between T2DM and Alzheimer's disease:** The session highlighted the significant correlation between insulin resistance, type 2 diabetes, and the development of Alzheimer's disease.
- **Clinical Perspectives:** Potential clinical implications and ongoing trials evaluating SGLT2 inhibitors for cognitive impairment management were discussed.

The lecture witnessed enthusiastic participation from faculty members, research scholars, and students. The interactive Q&A session allowed participants to delve deeper into the practical applications and future research directions in the field of neuropharmacology.

The guest lecture by **Dr. Ranakishore Pelluri** provided valuable insights into the emerging role of SGLT2 inhibitors in the modulation of the mTOR pathway. This novel therapeutic approach offers a promising avenue for the management of Alzheimer's disease, particularly in individuals with Type 2 Diabetes.

The Organising Committee Members expressed heartfelt gratitude to the **Dr. Ranakishore Pelluri** for his enlightening presentation, the attendees for their active participation, and any supporters who contributed to the success of the event. Special thanks to the management of NIPS for their continuous support in facilitating such knowledge-sharing sessions.

This program report serves as a comprehensive record of the guest lecture, capturing key elements and outcomes for future reference and planning.

Total number of students participated: 30

Total number of external students participated: 0

Total number of staff involved: 7

GRK 22-3-X
Coordinator

Dr. Raghavendra Kumar Gunda

M Pharm Ph D FCEM

Associate Professor, BoR Member


Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences

Narasaraopet, Guntur - 522 601

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Research & Development Cell , NIPS Organizes

Guest Lecture on

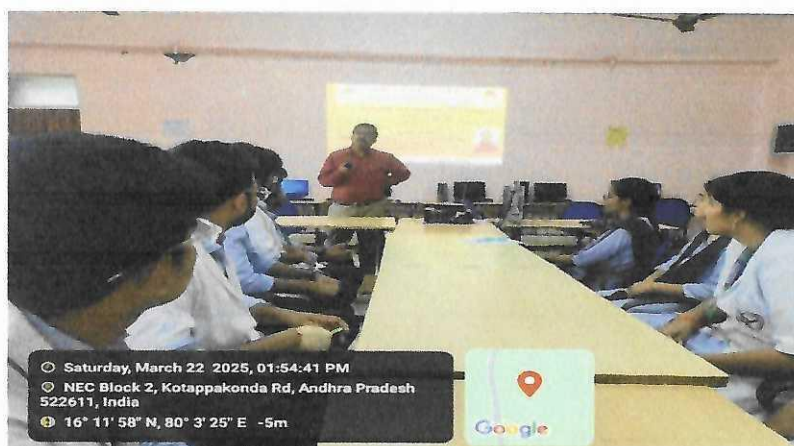
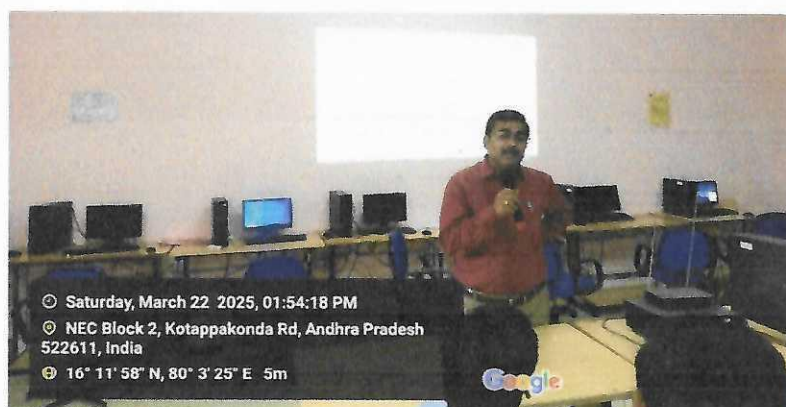
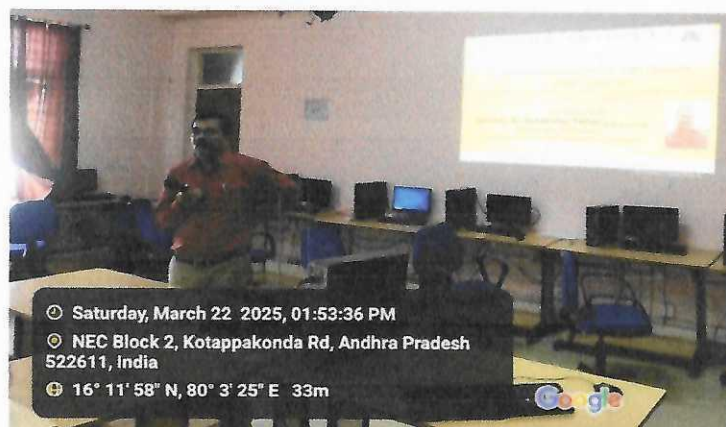
"Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer's Disease in Type 2 Diabetes"

25th March 2025

Speaker: Dr. Ranakishor Pelluri M.Pharm., PhD.,
Associate Professor,
KL College of Pharmacy, KLEF (Deemed to be University).



Kotappakonda Road, Narasaraopet, Palnadu Dist- 522601





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Date: 22-03-2025

Programme: Guest Lecture on "Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer's disease in Type 2 Diabetes"

Attendance Sheet

S.No	Name of the faculty	Designation	Signature
1	J.M. Suresh Kumar	Professor/Principal	[Signature]
2	DR. RAGHAVENDRA KUMAR GUNDA	Assoc. Prof	[Signature] 22-3-25
3	P. Lakshmi	Asst. prof	[Signature]
4	R. Latha Sri	Asst. Prof	[Signature]
5	SK. Farahan Subahan	Asst. professor	[Signature]
6	Sk. Hulla Robin	Asst. Professor	[Signature]
7	A. Swetha prithima	Asst. professor	[Signature]

[Signature] 22-3-25
COORDINATOR

(R&D Cell)

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601

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Guntur (Dt) A.P.



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Date: 22-03-2025

Programme: Guest Lecture on "Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer's disease in Type 2 Diabetes"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1.	A. Venkata Sosaale	V- Pharm-D	A. Venkata Sosaale
2.	G. Venkata Ramesh	V- Pharm-D	G. Venkata Ramesh
3.	SK. Sabiha Sultana	V- Pharm-D	SK. Sabiha Sultana
4.	H. Bhagath Kumar Raju	V- Pharm-D	H. Bhagath Kumar Raju
5.	K. Gopala Krishna	V- Pharm-D	K. Gopala Krishna
6.	SK. Rahil-ur-Rehman	V Pharm-D	SK. Rahil-ur-Rehman
7.	B. Vamsi naya K.	V pharm-D	B. Vamsi naya K.
8.	T. Vamsi	V pharm-D	T. Vamsi
9.	R. Srinivas	V pharm-D	R. Srinivas
10.	A. Chandra Sekhar	V pharm-D	A. Chandra Sekhar
11.	S. Divya	V. Pharm-D	S. Divya
12.	K. Sai Harshitha	V. Pharm-D	K. Sai Harshitha
13.	K. Lavanya	V Pharm-D	K. Lavanya
14.	T. Anusha	V. Pharm-D	T. Anusha
15.	V. Sandhya Rani	V. Pharm-D	V. Sandhya Rani
16.	SK. Abif	V pharm-D	SK. Abif
17.	K. Jahnvi	V Pharm-D	K. Jahnvi
18.	D. Sravani	V pharm-D	D. Sravani
19.	M. Likhitha	V pharm-D	M. Likhitha
20.	S. Akhila	V pharm-D	S. Akhila
21.	G. Harshitha Reddy	V pharm-D	G. Harshitha Reddy
22.	G. Ram bharamham	V pharm-D	G. Ram bharamham



Date: 22-03-2025

Programme: Guest Lecture on “Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer’s disease in Type 2 Diabetes”

Attendance Sheet

[illegible]



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PROGRAM REPORT

NIPS R&D cell organized a guest lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier" for III B. Pharm students on 25th March 2025. The speaker of the session was:

Speaker: **Dr. Ratna Sindhu Yalavarthy** M.Pharm., PhD , Professor,
Chennupati Indo-American School of Pharmacy, Andhra Pradesh.

The objectives of the guest lecture were

- To provide an overview of the challenges associated with drug delivery across the blood-brain barrier (BBB).
- To explore innovative nano particulate drug delivery methods.
- To understand advancements in pharmaceutical nanotechnology and its applications in neurological treatments

Dr. Yalavarthy began by discussing the physiological characteristics of the BBB that restrict the transport of therapeutic agents. She highlighted the limitations of conventional drug delivery methods and the significance of developing nano particulate systems.

The speaker further elaborated on:

- **Types of Nanoparticles:** Liposomes, polymeric nanoparticles, and lipid-based nanoparticles.
- **Targeting Mechanisms:** Utilization of surface modifications for BBB penetration.
- **Clinical Applications:** Recent advances in nano particulate-based drug delivery for treating neurodegenerative diseases.
- **Future Perspectives:** The potential of personalized medicine using nanotechnology.

The session concluded with an engaging Q&A, where participants gained further insights into the practical applications of the discussed concepts.

The lecture proved to be an excellent opportunity for students and faculty to deepen their understanding of nano particulate drug delivery systems. The practical examples and cutting-edge research shared by Dr. Yalavarthy inspired participants to explore further research opportunities in this emerging field.

The Organising Committee Members expressed heartfelt gratitude to the **Dr. Ratna Sindhu Yalavarthy** her valuable time and knowledge sharing. Special thanks to the management of NIPS for their continuous support in facilitating such knowledge-sharing sessions.

This program report serves as a comprehensive record of the guest lecture, capturing key elements and outcomes for future reference and planning.

Total number of students participated: 90

Total number of external students participated: 0

Total number of staff involved: 7

924

Coordinator

Dr. Raghavendra Kumar Gunda

M.Pharm. Ph.D. FCEM

Associate Professor, BoR Member

Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences

Narasaraopet, Guntur - 522 601

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Accredited by NAAC 'A' Grade (Cycle-I) & ISO 9001 : 2015 Certified Institution.

Research & Development Cell Organizes Guest Lecture

ON

Creation and Improvement of Nano Particulate Drug Delivery
Methods for Penetration of the Blood-Brain Barrier

Speaker: Dr. Ratna Sindhu Yalavarthy M.Pharm., Ph.D.,

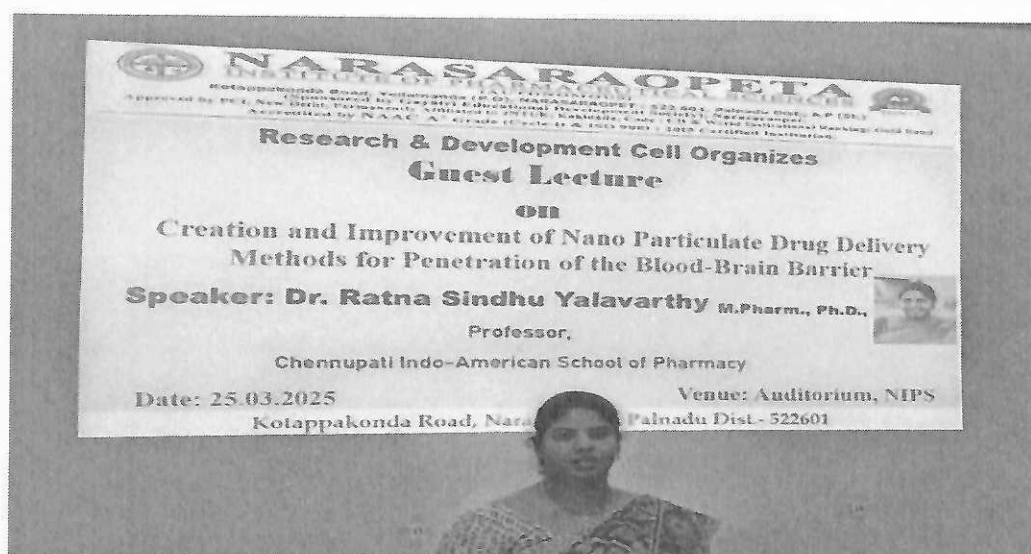
Professor,

Chennupati Indo-American School of Pharmacy

Date: 25.03.2025

Venue: Auditorium, NIPS

Kotappakonda Road, Narasaraopet, Palnadu Dist.- 522601





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Date: 25-03-2025

Programme: Guest Lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier"


Attendance Sheet

S.No	Name of the faculty	Designation	Signature
1	J.N. Suresh Kumar	Principal / Professor	[Signature]
2	Dr. Raghavendra Kumar Gunda	Assoc. Prof	[Signature]
3	M. Ramya Teja	Assoc. Prof	[Signature]
4	M. Ramakrishna	Assoc. Prof	[Signature]
5	Dr. K. Venkata Gopalaiah	Assoc. Prof	[Signature]
6	Dr. B. Satya Prasad	Assoc. Prof	[Signature]
7	V. Swathi	Assoc. Prof	[Signature]


COORDINATOR

(R&D Cell)

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601


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Date: 25-03-2025

Programme: Guest Lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	N.Ravi teja	III - B.pharm	N.Raviteja
2	D.Venkata Subbarao	III - B.pharm	D.Venkata Subbarao
3	M.Krishna sai	III - B.pharm	M.Krishna sai
4	M.Akhilgwar Reddy	III - B.Pharm	M.Akhil Reddy
5	A.Raja kumar	III - B. pharm	A.Raja
6	G. Krishna Kowsalt	III - Bpharm	G. Krishna
7	D. Saide	III - Bpharm	D. Saide
8	Dheeresh V	III - B. Pharm	Dheeresh V
9	CH. Blueie Shalem Raj	III - B. Pharm	CH. Blueie
10	SD. Baji	III - B-Pharm	SD. Baji
11	K. Sunil Kumar	III - B-pharm	K. Sunil
12	Ghaik. Riyaz	III - B. Pharm	Ghaik. Riyaz
13	Y. Sai Kumar	III - B-Pharm	Y. Sai
14	G. Kiran	III - B. pharm	G. Kiran
15	B. Malli Bhargava	III - B. pharm	B. malli Bhargava
16	St. m. Subbarao	III - B-pharm	St. m. Subbarao
17	M. Sai Maneswar	III - B. pharmacy	M. Sai maneswar
18	B. Gowri bai	III - B. pharmacy	B. Gowri bai
19	S. Sumathi	III - B-pharmacy	S. Sumathi
20	Y. Anukya	III - Bpharmacy	Anukya Y.
21	A. Lakshmi prasanna	III - Bpharm	A. Lakshmi
22	K. Nandini Deeli	III - Bpharm	K. Nandini
23	G. Jaya Lakshmi	III - Bpharm	G. Jaya



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Date: 25-03-2025

Programme: Guest Lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
24	A. Manoj	B. pharmacy	A. Manoj
25	Ch. Jalwanth	B. pharmacy	Ch. Jalwanth
26	S. Ramya	B. Pharmacy .III	S. Ramya
27	S. Vyshna lakshmi	III. B. pharmacy	S. vyshna
28	T. Pranathi	III. BPharm	T. Pranathi
29	U. Sravanthi	III. B. pharm	Sravanthi
30	B. pavani	III. B. pharm	B. pavani
31	Y. Mounika devi	III. B. Pharm	y. Mounika devi
32	U. Srilakshmi	III B. pharm	U. Srilakshmi
33	P. Sarala	III B. pharm	P. Sarala
34	Shaik. Thaslima	III B. Pharm	Thaslima
35	Sk. Neelima	III. B. pharm	Sk. Neelima
36	M. Lavanya	III. B. pharm	M. Lavanya
37	M. Kavipriya bai	III. B. pharm	M. Kavipriya bai
38	M. Triveni	III. B. pharm	M. Triveni
39	S. Manogna Deepika	III. B. Pharm	S. M. Deepika
40	G. Lakshmi Bharani	III. B. Pharm	G. Lakshmi Bharani
41	N. Venkata Gouthami	III. B. pharm	N. V. Gouthami
42	G. Nagalakshmi	III. B. pharm	G. Nagalakshmi
43	U. Madhura Vani	III. B. Pharm	U. Madhura Vani
44	T. Pallavi	III. B. pharm	T. Pallavi
45	T. Raga Pravalika	III. B. pharm	T. Raga Pravalika
46	K. Bhavana	III. B. pharm	K. Bhavana



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Date: 25-03-2025

Programme: Guest Lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
47	T. Devi prasanna	III. B. pharmacy	
48	M. Lakshmi priyanka	III. B. pharmacy	M. Lakshmi
49	M. Veni. Ka. G	III. B. pharmacy	M. Veni
50	Naga priyanka. k	III. B. pharmacy	Naga priyanka
51	Naga Veni. A	III. B. pharmacy	Naga Veni
52	Kavya. S. P.	III. B. pharmacy	Kavya
53	Kavya. B	III. B. pharmacy	Kavya
54	K. Sowmya	III. B. pharmacy	Sowmya
55	K. Poorna Gayathri	III. B. Pharmacy	K. Poorna Gayathri
56	L. Jeevani	III. B. Pharm	L. Jeevani
57	K. Nirmala Jyothi	III. B. Pharm	K. Nirmala Jyothi
58	M. Naga Swapna Sri	III. B. Pharm	M. Swapna
59	B. Purnima	III. B. Pharm	B. Purnima
60	G. Dhanusha	III. B. Pharm	G. Dhanusha
61	V. Sahithi	III. B. Pharm	V. Sahithi
62	P. Nikhila	III. B. Pharm	P. Nikhila
63	E. Lakshmi Sravani	III. B. Pharm	E. Lakshmi Sravani
64	Y. Venu Madhavi	III. B. Pharm.	Y. Venu
65	G. Gayathri	III. B. Pharm	G. Gayathri
66	G. Sudheer Babu	III. B. Pharm	G. Sudheer
67	B. Venkata Sainadh	III. B. Pharm	B. V. Sainadh
68	B. Sanjeeta Rao	III. B. Pharm	B. Sanjeeta
69	P. Saikrishna	III. B. Pharm	P. Saikrishna



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Date: 25-03-2025

Programme: Guest Lecture on "Creation and Improvement of Nano Particulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
70	K. Yugandhar. reddy	B. Pharmacy	K. Yugandhar. reddy
71	P. Krishna Reddy	B. Pharmacy	P. Krishnareddy
72	P. pavan kumar	B. pharmacy	P.
73	K. Venkata Ramana	B. pharmacy	K. Venkata Ramana
74	G. Sujith	B. pharmacy	G. Sujith
75	G. Eswar Dathasai	B. Pharmacy	G. Eswar Dathasai
76	M. venkata naveen	B. pharmacy	M. v. naveen
77	K. Srikanth	B. Pharmacy	K. Srikanth
78	T. Kanakiah	B. pharmacy	T. Kanakiah
79	G. Vishnu	B-pharmacy	G. Vishnu
80	U. Saikrishna	B - pharmacy	Saikrishna
81	Ch. Siva Sai	B - Pharmacy	Ch. Siva Sai
82	T. Uma Devi	III B. pharm	Uma
83	A. Bindhusri	III B. pharmacy	Bindhusri
84	A. Keerthi	III B. pharmacy	Keerthi
85	A. SK. Kousari	III B. pharmacy	A. SK. Kousari
86	U. Thirube	III B. pharm	Thirube
87	K. Sarika	III B. pharm	K. Sarika
88	Y. Bhuvaneshwari	III B. pharm	Y. Bhuvaneshwari
89	P. Vinod	III B. pharm	Vinod
90	P. Priya Reetika	III B. Pharm	Priya



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PROGRAM REPORT

NIPS R&D cell organized a guest lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care" for III B. Pharm students on 4th April 2025. The speaker of the session was:

Speaker: **Dr. Gouse Firoz Syed** M.Pharm., PhD , Associate Professor,
A.M.Reddy Memorial College of Pharmacy, Andhra Pradesh.

The event aimed to provide insights into innovative drug delivery systems for dermatological disorders, particularly psoriasis, using natural nanoparticulate systems.

Dr. Gouse Firoz Syed, a renowned researcher in pharmaceutical nanotechnology, delivered the lecture. His expertise in the formulation and application of nanoparticles in skin care therapies provided the participants with a comprehensive understanding of the subject.

The speaker further elaborated on:

- The challenges associated with conventional skin care therapies and the potential advantages of nanoparticulate systems.
- He explained the formulation methods, characterization techniques, and therapeutic applications of natural nanoparticles in managing psoriasis.
- The session also included a discussion on the safety, efficacy, and regulatory considerations of nanoparticle-based products.
- An interactive Q&A session allowed students and faculty to clarify doubts and explore practical applications.

The lecture significantly enriched the knowledge of participants on advanced drug delivery systems and encouraged further research in the field of nanotechnology-based skin care solutions.

The Organising Committee Members expressed heartfelt gratitude to **Dr. Gouse Firoz Syed** for his valuable time and knowledge sharing. Special thanks to the management of NIPS for their continuous support in facilitating such knowledge-sharing sessions.

This program report serves as a comprehensive record of the guest lecture, capturing key elements and outcomes for future reference and planning.

Total number of students participated: 90

Total number of external students participated: 0

Total number of staff involved: 7

Cake

Coordinator

Dr. Raghavendra Kumar Gunda

M.Pharm. Ph.D. FCEM

Associate Professor, BoR Member

Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences,

Narasaraopet, Guntur - 522 601

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Research & Development Cell Organizes Guest Lecture

on
A Novel Approach of Natural Nanoparticulate System for Psoriatic
Skin Care

Speaker: Dr. Gouse Firoz Syed M.Pharm., Ph.D.,

Associate Professor,

A.M.Reddy Memorial College of Pharmacy

Date: 04.04.2025

Venue: Auditorium, NIPS

Kotappakonda Road, Narasaraopeta, Palnadu Dist.- 522601





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Date: 04-04-2025

Programme: Guest Lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care"

Attendance Sheet

S.No	Name of the faculty	Designation	Signature
1	J.K. Suresh Kumar	Principal / Professor	[Signature]
2	Dr. RAGHAVENDRA KUMAR GUNDA	ASSOC. PROF.	[Signature]
3	Dr. K. Venkata Gopich	Assoc. Prof	[Signature]
4	M. Ramakrishna	Assoc. Prof	[Signature]
5	M. Ramya Teja	Assoc. professor	[Signature]
6	Dr. B. Satya prasad	Assoc. professor	[Signature]
7	V. Swathi	Assoc. Professor	[Signature]

Ch
COORDINATOR

(R&D Cell)

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM

Associate Professor, BoR Member
Dept of Pharmaceutics,

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Date: 04-04-2025

Programme: Guest Lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	G. Manogna Deepika	B. Pharm E, III	G.M. Deepika
2	M. Triveni	B. pharm III	M. Triveni
3	M. Kavipriyabai	III B. pharm	M. Kavipriyabai
4	M. Lavanya	III B. pharm	M. Lavanya
5	Sk. Neelima	III B. pharm	Sk. Neelima
6	Shaik-Haslima	III B. Pharm	Haslim.
7	Y. Bhuvaneswari	III B. pharm	Bhuvana
8	K. Sarika	III B. pharm	Sarika
9	U. Thirisha	III B. pharm	Thirisha
10	T. Uma Devi	III B. pharm	Uma
11	A. Bindhusri	III B. pharm	Bindhusri
12	A. Keerthi	III B. pharm	Keerthi
13	A. SK. Kousar	III B. pharm	Kousar
14	T. Pallavi	III B. pharm	T. Pallavi
15	T. Raga pravallika	III B. pharm	T. Raga pravallika
16	K. Bhavana	III B. pharm	K. Bhavana
17	U. Madhura Vani	III B. Pharm	U. Madhura Vani
18	G. Nagalakshmi	III B. pharm	G. Nagalakshmi
19	G. Lakshmi Bhavani	III B. Pharm	G. Lakshmi Bhavani
20	N. Venkata Gouthami	III B. pharm	N. V. Gouthami
21	S. Vyshna Lakshmi	III B. pharm	S. Vyshna
22	S. Ramya	III B. pharm	S. Ramya
23	T. Deviprasanna	III B. pharm	T. Deviprasanna



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Date: 04-04-2025

Programme: Guest Lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
24	G. Gayathri	III. B-PHARM	G. Gayathri
25	Y. Venumadhavi	III. B. Pharm	Y.V.M
26	P. Sai Krishna	III. B. Pharm	Saikirishna.
27	V. Sahithi	III. B. pharm	V. Sahithi.
28	P. Nikhila	III. B. pharm	P. Nikhila.
29	E. Sravani	III. B. pharm	E. Sravani.
30	B. purnima	III. B. pharm	B. purnima
31	G. Dhannisha	III. B. pharm	G. Dhannisha.
32	M. Naga Swapna Sri	III. B. pharm	M. Swapna.
33	K. Sowmya	III. B. pharm	K. Sowmya.
34	K. Poorna Gayathri	III. B. pharm	K. Gayathri
35	L. Jeevani	III. B. pharm	L. Jeevani
36	K. Nirmala Jyothi	III. B. pharm	K. Nirmala Jyothi.
37	Y. Anushya	III. B. Pharm	Y. Anushya.
38	S. Sumathi	III. B. Pharm	S. Sumathi.
39	B. Geetha Bai	III. B. pharm	B. Geetha Bai
40	M. Lakshmi Priyanka	III. B. pharm	M. Priyanka
41	G. Jaya Lakshmi	III. B. pharm	G. Jaya
42	Nagaveni. A	III. B. Pharm	Nagaveni. A
43	P. Kanya Sri	III. B. Pharm	Kanya Sri
44	B. Kanya	III. B. Pharm	Kanya
45	K. Nagla. Pusheyami	III. B. pharm	K. N. P.
46	G. meenika	III. B. pharm	G. meenika



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Date: 04-04-2025

Programme: Guest Lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
47	A. Lakshmi prasanna	III Bpharm	A-lakshmi prasanna.
48	K. Mandini Devi	III Bpharm	K. Mandini
49	T. Pranathi	III Bpharm	T. Pranathi
50	U. Sravanthi	III B-pharm	Sravanthi
51	B. pavani	III B-pharm	B.pavani
52	Y. Mounika Devi	III B-Pharm	Y.Mounika Devi
53	U. Srillekha	III B. pharm	U.srillekha.
54	P. Sarala	III B-pharm	P.Sarala
55	T. Kanakavathi	III B-pharm	T. Kanakavathi
56	K. Yugandhar. reddy	III B. Pharm	K.yugandhar. reddy
57	M. Venkata Naveen	III B-Pharm	M.V.Naveen
58	K. Srikanth	III B. Pharm	K.Srikanth
59	SK. Riyaz	III B-Pharm	Riyaz
60	SD. Gouse Bajji	III B-Pharm	Bajji
61	U. Dheeresh	III B-Pharm	Dheeresh
62	Y. Saikumar	III B-Pharm	Saiku
63	Sub. M. Subhanti	III B-pharm	Subhanti
64	M. S. Meenikumarjun	III B-pharm	M. S. Meenikumarjun
65	M. Sai Maneeswar.	III B-pharm	M. Sai maneeswar
66	Ch. Jeevanti	III B-pharm	Ch. Jeevanti
67	A. Manoj	III B-pharm	A. Manoj
68	Ch. Siya Sai	III B-Pharm	Ch. Siya Sai
69	G. Vishnu	III B-pharm	G. Vishnu



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Date: 04-04-2025

Programme: Guest Lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
70	D. Saida	B. pharmacy - Year	D. Saida
71	SK. Aksham	B. Pharmacy - III	SK. Aksham
72	P. Pavan Kumar	B. Pharmacy - III	P.
73	K. Venkataramana	B. Pharm - III	K. V. R.
74	M. Krishna Sai	B. Pharm - III	M. Krishna Sai
75	B.S.K. Mukham Ali	B. pharmacy III	B.S.K. Mukham Ali
76	SK. Saif Ali	B. Pharmacy III	SK. Saif Ali
77	G. Eswar Dathasai	B. pharmacy - III	G. Eswar
78	PSK. Shazeef	B. pharmacy - III	Shazeef
79	S. Vignesh	III. B. pharmacy	S. Vignesh
80	P. Krishna Reddy	B. pharmacy	P. Krishnareddy
81	N. Raviteja	B. Pharm III	N. Raviteja
82	D. Sasi Kumar	III B. Pharm	D. Sasi Kumar
83	M. Akhilesh Reddy	B. Pharmacy - III	M. Akhilesh Reddy
84	G. Sujith	B. Pharm - III	G. Sujith
85	P. Sai Manikanta	B. Pharm - III	P. Sai Manikanta
86	SK. Vaseem	B. Pharmacy - III	SK. Vaseem
87	D. Venkata Subbarao	B. pharmacy III	D. Venkata Subbarao
88	G. Krishna / Conshule	B. Pharmacy - III	G. Krishna
89	G. Kishan	B. Pharmacy - III	G. Kishan
90	G. Sai Kiran	B. Pharmacy III rd Year	G. Sai Kiran



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PROGRAM REPORT

NIPS R&D cell organized a guest lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science" for II B. Pharm students on 8th April 2025. The speaker of the session was:

Speaker: **Dr. K.N.V. Rao** M.Pharm., PhD , Professor cum Principal,
Nalanda College of Pharmacy, Andhra Pradesh.

The session aimed to provide insights into the historical progression of pharmacognosy and its transition from traditional practices to modern scientific advancements

Dr. K.N.V. Rao, a renowned researcher in Pharmacognosy and Phytochemistry, delivered the lecture. His expertise provided the participants with a comprehensive understanding of the subject.

The speaker further elaborated on:

- To explore the traditional roots of pharmacognosy and its significance in ancient medicine.
- To understand the scientific advancements in natural product research.
- To discuss the integration of modern technologies in herbal drug development.

Dr. K.N.V. Rao delivered an informative lecture that covered the following key areas:

- The historical perspective of pharmacognosy and the use of medicinal plants in traditional healthcare systems.
- Advances in phytochemistry, pharmacology, and biotechnology contributing to drug discovery.
- Case studies highlighting successful transformations of traditional knowledge into evidence-based medicines.
- The role of regulatory guidelines in the standardization of herbal products.
- Opportunities for future research in the field of natural products.

The session concluded with an engaging Q&A session, where students and faculty members actively participated and sought clarification on various aspects of pharmacognosy and drug development. The guest lecture was highly informative and provided attendees with a comprehensive understanding of the evolution of pharmacognosy. The insights shared by **Dr. K.N.V. Rao** were invaluable in encouraging further interest and research in the field.


The Organising Committee Members expressed heartfelt gratitude to the **Dr. K.N.V. Rao** for his valuable time and knowledge sharing.


This program report serves as a comprehensive record of the guest lecture, capturing key elements and outcomes for future reference and planning.

Total number of students participated: 95

Total number of external students participated: 0

Total number of staff involved: 10


Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmacognosy,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopeta, Guntur - 522 601


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NARASARAOPET - 522 601
Guntur (Dt.), A.P.

Research & Development Cell Organizes Guest Lecture

ON

The Evolution of Pharmacognosy: From Traditional
Knowledge to Modern Science

Speaker: Dr. K.N.V. Rao M.Pharm., Ph.D.,

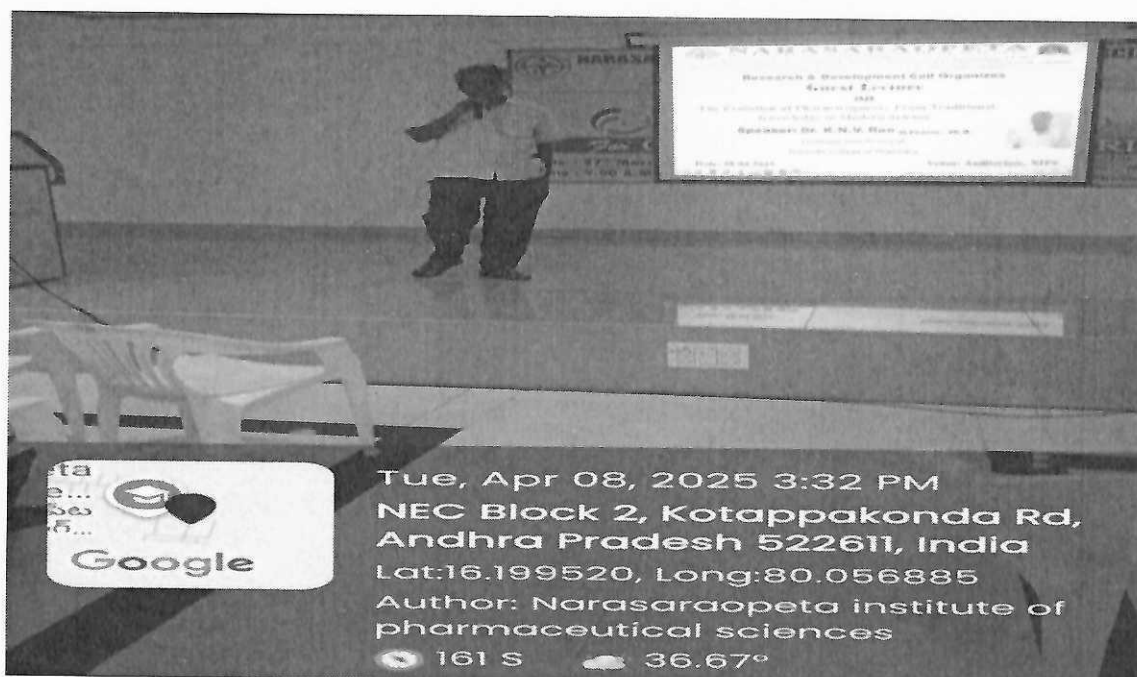
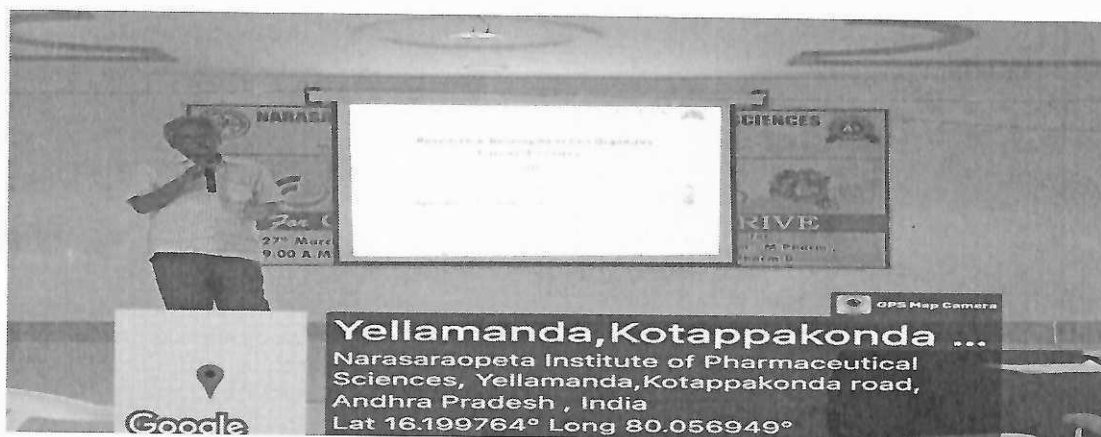
Professor cum Principal,
Nalanda College of Pharmacy



Date: 08.04.2025

Venue: Auditorium, NIPS

Kotappakonda Road, Narasaraopet, Palnadu Dist.- 522601





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Date: 08-04-2025

Programme: Guest Lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science"

Attendance Sheet

S.No	Name of the Faculty	Designation	Signature
1	Dr J.N. Suresh Kumar	Prof, Principal	
2	Dr. Raghavendra Kumar Gunda	Assoc. Prof	CRK
3	V. Swathi	Assoc. Prof.	
4	M. Sammel	Assoc. prof	
5	P. Reda	Assist. professor	
6	Y. Bhavani	Asst. professor	
7	M. Durga Bhavani	Asst. professor	
8	P.S.K. Sukh Amini	Asst. professor	
9	O. Givija Kumari	Asst. Professor	
10	M. Karthikeyi	Assoc. professor	

CRK

COORDINATOR

Dr. Raghavendra Kumar Gunda
(R&D Cell) arm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601

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Date: 08-04-2025

Programme: Guest Lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	D. Sasikumar	B. Pharmacy 2 year	
2	D. Iswarya	B. pharmacy 2 Year	D. Iswarya
3	D. vaishnavi	B pharmacy 2 Year	D vaishnavi
4	D. Sasikumar Varshita	B pharm 2 year	G. vaeshita
5	D. Bhargav Sai pavan	B. pharmacy 2 years	D. Bhargav
6	D. Hasini	B. pharmacy 2 yr	D. Hasini
7	SK. Fharbeen Sanam	B. pharmacy 2 years	SK. Fharbeen
8	SK. Akkam	B. Pharmacy 2nd year	SK. Akkam
9	ch. Soniya.	B Pharmacy 2nd year	Ch. soniya
10	D Pavan Kalyan.	B. Pharmacy 2nd year	D Pavan Kalyan
11	G. Keerthana	B. Pharmacy 2nd year	G. Keerthana
12	G. Nithish Sai Kumar	B. pharmacy 2nd year	G. Nithish Sai Kumar
13	SK. Vaseem	B. pharmacy 2nd year	SK. Vaseem
14	B.S.K. mukhsam ali	II. B. pharmacy	B.S.K. mukhsam ali
15	D. Saikiran	II. B. pharmacy	D. Saikiran
16	B. Bhargavi	II B pharmacy	B. Bhargavi
17	B. Pavani	II B. pharmacy	B. Pavani
18	A. sriani	B. B. pharmacy	A. sriani
19	ch. Syam Sankar Kumar	II B. pharmacy	ch. Syam Sankar Kumar
20	T. Lakshmi	II. B. pharmacy	T. Lakshmi
21	T. Harshita	II B. pharmacy	T. Harshita
22	B. Narendra	II B. pharmacy	B. Narendra
23	A. Deekshitha	II. B. pharmacy	A. Deekshitha
24	ch. lakshmi durga	II. B pharmacy	ch. lakshmi durga
25	ch. Poja	B. pharmacy	ch. Poja



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Date: 08-04-2025

Programme: Guest Lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
26	G. Hemalatha	B. pharmacy 2 nd year	G. Hemalatha
27	E. Harika.	B. Pharmacy 2 nd year	E. Harika
28	G. Abhinay Shama	B. Pharmacy 2 nd year	G. Abhinay
29	G. Naga Srihari	B. Pharmacy 2 nd year	G. Naga Srihari
30	G. Kalyani	B. Pharmacy 2 nd year	G. Kalyani
31	G. Gopi Raju	B. Pharmacy 2 nd year	G. Gopi Raju
32	SK. Khasimunnisa	B. Pharmacy 2 nd year	SK. Khasimunnisa
33	SK. Saadad Ali	B. Pharmacy 2 nd year	SK. Saadad Ali
34	SK. Saleem	B. Pharmacy 2 nd year	SK. Saleem
35	K. Salim Joseph	B. Pharmacy 2 nd year	K. Salim Joseph
36	J. Sailajan Naik	B. Pharmacy 2 nd year	J. Sailajan
37	J. Vydhurya	B. Pharmacy 2 nd year	J. Vydhurya
38	J. Pujitha	B. Pharmacy 2 nd year	J. Pujitha
39	I. Chavishma	B. Pharmacy 2 nd year	I. Chavishma
40	SK. Sabeena	B. Pharmacy 2 nd year	SK. Sabeena
41	G. Satya daisy	B. Pharmacy 2 nd year	G. Satya
42	G. Ravani	B. Pharmacy 2 nd year	G. Ravani
43	G. Suneetha	B. Pharmacy 2 nd year	G. Suneetha
44	M. Madhulatha	B. Pharmacy 2 nd year	M. Madhulatha
45	M. Pranavi	B. Pharmacy 2 nd year	M. Pranavi
46	M. Krishnaveni	B. Pharmacy 2 nd year	M. Krishnaveni
47	G. Kishore	B. Pharmacy 2 nd year	G. Kishore
48	R. Srikanth	B. Pharmacy 2 nd year	R. Srikanth
49	J. Lalitha Varshini	B. Pharmacy 2 nd year	J. Varshini
50	V. Jyothi	B. Pharmacy 2 nd year	V. Jyothi



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Date: 08-04-2025

Programme: Guest Lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
51	H.Venkata Ramana	B.Pharmacy II nd year	H.V. Ramana.
52	M. Ramya	B.Pharmacy II nd year	M. Ramya
53	M. Hathi prasanna	B. Pharmacy II nd year	M. Hathi prasanna
54	M. Bharathi	B. Pharmacy II nd year	M. Bharathi
55	M. Maryrani	B. pharmacy II nd year	M. Maryrani
56	N. Likhitha	B. pharmacy II nd year	N. Likhitha
57	P. Sandhya Rani	B. pharmacy II nd year	P. Sandhya
58	R.N.V. Sai Tanikanta.	B. Pharmacy II nd year	R.N.V. Sai Tanikanta.
59	P. Rama Krishna	B. Pharmacy II nd year	P. Rama Krishna
60	P. Praveen	B. pharmacy II nd year	P. Praveen
61	S. vignesh	B. pharmacy II nd year	S. vignesh
62	Shak. Shabeela	B. pharmacy II nd year	sk. shabeela.
63	S.V. Bhuvaneshwari	B. pharmacy II nd year	S.V. Bhuvana
64	Y. Bhuvaneshwari	B. pharmacy II nd year	Y. Bhuvana
65	P. Tejaswini	B. pharmacy II nd year	P. Teja.
66	Y. Sucharitha chari	B. Pharm II nd year	Y.
67	K. Naga Lakshmi	B. Pharm II nd year	K.
68	sk. Ahmed salma	B. Pharm II nd year	sk.
69	P. Bala adi Lakshmi	B. pharmacy II nd year	P. Adi
70	V. Anil kumar	B. pharmacy & II nd year	V. Anil kumar
71	U. Ravi kumar	B. pharmacy & II nd year	U. Ravi kumar
72	T. Mounika.	B. pharmacy & II nd year	T. Mounika.
73	P. Sri Harsha	B. pharmacy II nd year	P. Sri Harsha
74	P. Srestha	B. pharmacy II nd year	P. Srestha
75	R. Rajani	B. Pharmacy II nd year	R. Rajani



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Date: 08-04-2025

Programme: Guest Lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
76	O. Ramee	B pharmacy - II	O. Ramee
77	A. Narasimharao	2nd B. pharmacy	A. Narasimharao
78	M. Vishnu Vardhan	B. pharmacy - II	M. Vishnu
79	L. Gnanesulas	B. pharmacy - II	L. Gnanesulas
80	N. Lakshmi Reddy	B. pharmacy - II	N. Lakshmi
81	M. Madhu Neeta	B. pharmacy - II	M. Madhu
82	M. Sudharshini	B pharmacy - II	M. Sudharshini
83	M. Indu	B pharmacy - II	M. Indu
84	Sk. Sameera	B. pharmacy - II	Sk. Sameera
85	K. Pavani	B. Pharmacy - II	K. Pavani
86	M. Raziya	B. pharmacy - II	M. Raziya
87	M. Nageswari	B. pharmacy - II	M. Nageswari
88	M. Komali choudary.	B. Pharmacy - II	M. Komali
89	Sk. Sathvik	B. pharmacy - II	Sk. Sathvik
90	Sk. Shahid	B pharmacy - II	Sk. Shahid
91	Sk. Saddam Hussian	B. pharmacy - II	Sk. Saddam
92	Sk. Abbas	B. Pharmacy - II	Sk. Abbas
93	Sk. Jari	B pharmacy - II	Sk. Jari
94	P. Koteswarao	B. pharmacy - II	P. Koteswarao
95	P. Seetha	B. pharmacy - II	P. Seetha



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PROGRAM REPORT

NIPS R&D cell organized a guest lecture on “Natural Products in Drug Discovery: Past, Present and Future” for II B. Pharm students on 11th April 2025. The speaker of the session was:

Speaker: **Dr. N.S.K. Prasada Rao** M.Pharm., PhD , Professor cum Principal,
Sri Mittapalli Pharmacy College, Andhra Pradesh.

The session aimed to provide insights into the significance of natural products in pharmaceutical research and drug development. The primary objective of the lecture was to enhance the understanding of the historical importance, current advancements, and future potential of natural products in the discovery and development of novel therapeutic agents.

Dr. N.S.K. Prasada Rao commenced the session by highlighting the historical contributions of natural products in medicine, including traditional systems of medicine such as Ayurveda, Traditional Chinese Medicine, and Indigenous practices. He emphasized the significance of bioactive compounds derived from natural sources in the discovery of major drug classes.

The session further covered:

- The role of natural products as lead molecules in drug discovery.
- Advanced screening techniques and analytical tools used in natural product research.
- Challenges in isolating and characterizing bioactive compounds.
- Future prospects of integrating AI and machine learning in natural product drug discovery.

The lecture concluded with an engaging Q&A session, where students and faculty members actively participated. **Dr. Rao** addressed queries on the commercialization of natural products, regulatory aspects, and opportunities for further research.

The guest lecture provided an in-depth understanding of the critical role that natural products play in drug discovery. The event was well-received by the attendees, who appreciated the speaker's expertise and the valuable insights shared.

The Organising Committee Members expressed heartfelt gratitude to the **Dr. N.S.K. Prasada Rao** for his insightful presentation.

This program report serves as a comprehensive record of the guest lecture, capturing key elements and outcomes for future reference and planning.

Total number of students participated: 95

Total number of external students participated: 0

Total number of staff involved: 10


Coordinator

Dr. Raghavendra Kumar Gunda

M Pharm PhD FCEM

Associate Professor, BoR Member

Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences

Narasaraopet, Guntur - 522 601


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Guntur (Dt.) A.P.



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Approved by PCI, New Delhi, Permanently Affiliated to JNTUK, Kakinada, Code : CD & World Institutional Ranking: Gold Band
Accredited by NAAC A+ Grade (Cycle-I) & ISO 9001 : 2015 Certified Institution.

Research & Development Cell Organizes Guest Lecture

on

Natural Products in Drug Discovery: Past, Present and
Future

Speaker: Dr. NSK Prasada Rao M.Pharm., Ph.D.,

Professor cum Principal,

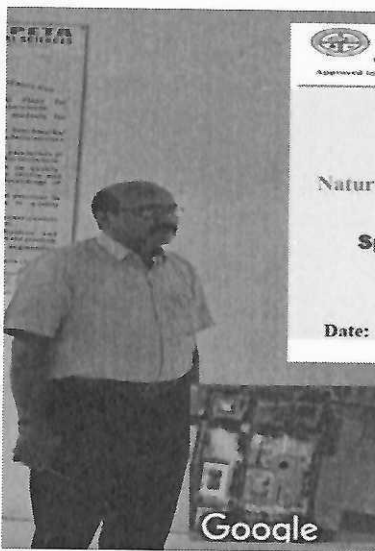
Sri Mittapalli Pharmacy College



Date: 11.04.2025

Venue: Auditorium, NIPS

Kotappakonda Road, Narasaraopet, Palnadu Dist.- 522601



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INSTITUTE OF PHARMACEUTICAL SCIENCES
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET - 522 601, Palnadu Dist., A.P (St.)
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Accredited by NAAC A+ Grade (Cycle-I) & ISO 9001 : 2015 Certified Institution.

**Research & Development Cell Organizes
Guest Lecture**

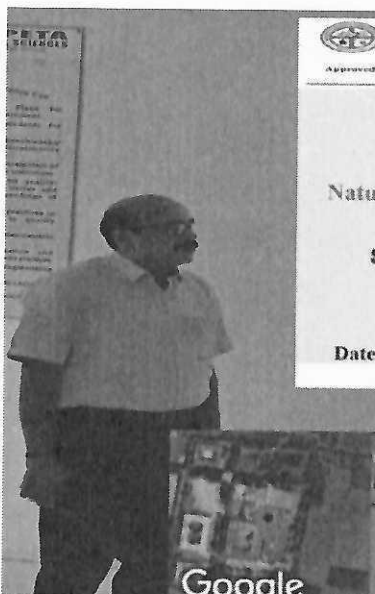
on

Natural Products in Drug Discovery: Past, Present and
Future

Speaker: Dr. NSK Prasada Rao M.Pharm., Ph.D.,
Professor cum Principal,
Sri Mittapalli Pharmacy College

Date: 11.04.2025 Venue: Auditorium, NIPS
Kotappakonda Road, Narasaraopet, Palnadu Dist.- 522601

Yellamanda, Kotappakonda ..
Narasaraopeta Institute of Pharmaceutical
Sciences, Yellamanda, Kotappakonda road,
Andhra Pradesh , India
Lat 16.199764° Long 80.056949°



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**Research & Development Cell Organizes
Guest Lecture**

on

Natural Products in Drug Discovery: Past, Present and
Future

Speaker: Dr. NSK Prasada Rao M.Pharm., Ph.D.,
Professor cum Principal,
Sri Mittapalli Pharmacy College

Date: 11.04.2025 Venue: Auditorium, NIPS
Kotappakonda Road, Narasaraopet, Palnadu Dist.- 522601

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Date: 11-04-2025

Programme: Guest Lecture on "Natural Products in Drug Discovery: Past, Present and Future"

Attendance Sheet

S.No	Name of the Faculty	Designation	Signature
1	DR. J. N. SURESHKANTH	PROF. COM PRINCIPAL	[Signature]
2	DR. M. RAGHAVENDRA KUMAR GUNDA	ASSOC. PROF	[Signature]
3	P. Seeta	Asst. prof	[Signature]
4	PSK. Sybil Amini	Asst. prof.	[Signature]
5	Y. Bhavani	Asst. Prof	[Signature]
6	V. Swathi	Assoc. Prof.	[Signature]
7	O. Givija Kumari	Asst. Professor	[Signature]
8	M. Kasthuri	Assoc. professor	[Signature]
9	M. Durga Bhavani	Asst. Professor	[Signature]
10	M. Sammel	Assoc. Prof	[Signature]

COORDINATOR

Dr. Raghavendra Kumar Gunda
(R&D Cell) Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601

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Date: 11-04-2025

Programme: Guest Lecture on "Natural Products in Drug Discovery: Past, Present and Future"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	M. Krishnaveni	2 nd Bpharmacy	M. Krishnaveni
2	M. Sri Anantha Pranavi	2 nd B. pharmacy	M. Pranavi
3.	K. Vineela Ekklari Devi	2 nd B. pharmacy	K. Vineela
4.	Sk. Khawanyla	2 nd B. pharmacy	Sk. Khawanyla
5.	K. Reshma	2 nd B. pharmacy	K. Reshma
6.	K. Harika	2 nd B. pharmacy	K. Harika
7.	K. Susmitha	2 nd B pharmacy	K. Susmitha
8.	M. Ishwarya.	2 nd B. pharmacy	M. Ishwarya
9.	J. Vydhurya	2 nd B. Pharmacy	J. Vydhurya
10.	J. Pujitha	2 nd B. Pharmacy	J. Pujitha
11.	Sk. Sabeena	2 nd B. pharmacy	Sk. Sabeena
12	G. Satya daisy	2 nd B. pharmacy	G. Satya daisy
13.	T. Chaitanya	2 nd B. pharmacy	T. Chaitanya
14.	J. Saikiran Naik	2 nd B. pharmacy	J. Saikiran Naik
15	K. Stallen Joseph	2 nd B. Pharmacy	K. Stallen Joseph
16	Sk. Social Ai	2 nd B. Pharmacy	Sk. Social Ai
17	G. Gopi Raju	2 nd B. pharmacy	G. Gopi Raju
18	G. Pavani	2 nd B. pharmacy	G. Pavani
19.	G. Suneetha	2 nd B. pharmacy	G. Suneetha
20	G. Harika	2 nd B. Pharmacy	G. Harika
21	G. Abhinav Sharma	2 nd B. Pharmacy	G. Abhinav Sharma
22	G. Naga Sriharsa	2 nd B. Pharmacy	G. Naga Sriharsa
23	G. Kalyani	2 nd B. pharmacy	G. Kalyani
24	G. Jhansi	2 nd B. pharmacy	G. Jhansi
25	P. Harsha	2 nd B. pharmacy 2 nd year	P. Harsha



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Date: 11-04-2025

Programme: Guest Lecture on "Natural Products in Drug Discovery: Past, Present and Future"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
26	K. Venkata Nagalakshmi	B. pharmacy & II year	Nagalakshmi
27	Y. Sucharitha Chari	B. Pharmacy & II year	Suchari
28	V. Anil Kumar	B. pharmacy & II year	V. Anilkumar
29	U. Ravi Teja	B. pharmacy & II year	U. Ravi Teja
30	T. Mounika	B. pharmacy & II year	T. Mounika
31	Shaik. Shabeeka	B. pharmacy II year	SK. Shabeeka
32	S. Vignesh	B. pharmacy II year	S. Vignesh
33	P. Seshu	B. pharmacy II year	P. Seshu
34	P. Tejaswini	B. pharmacy II year	P. Tejaswini
35	P. Sri Harsha	B. pharmacy II year	P. Sri Harsha
36	R. Rajani	B. pharmacy II year	R. Rajani
37	SK. Salma Ahmed	B. Pharmacy II year	SK. Salma Ahmed
38	S.V. Bhuvaneswari	B. Pharmacy II year	S.V. Bhuvaneswari
39	Y. Bhuvaneswari	B. pharmacy II year	Y. Bhuvaneswari
40	P. Durga Shareef	B. pharmacy II year	P. Shareef
41	P. Faiza	B. pharmacy II year	P. Faiza
42	P. Balaji Lakshmi	B. pharmacy II year	P. Balajilakshmi
43	P. Vanitha	B. pharmacy II year	P. Vanitha
44	P. Pavani	B. pharmacy II year	P. Pavani
45	P. Venkata Leela Aparna	B. pharmacy II year	P. Aparna
46	P. Praveen	B. pharmacy II year	P. Praveen
47	P. Rama Krishna	B. Pharmacy II year	P. Rama Krishna
48	M. Haniprasanna	B. Pharmacy II year	M. Haniprasanna
49	M. Bharathi	B. Pharmacy II year	M. Bharathi
50	M. Ramya	B. pharmacy II year	M. Ramya



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Date: 11-04-2025

Programme: Guest Lecture on "Natural Products in Drug Discovery: Past, Present and Future"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
51	O. Romu	Bpharmacy. II	O. Romu
52	P. Nagapoojithe	Bpharmacy. II	P. Nagapoojithe
53	SK. Sumiyapaween	B pharmacy. II	SK. Sumiyapaween
54	P. Supriya	Bpharmacy - II	P. supriya.
55	shaik. Thaslima	Bpharmacy - II	sk. Thaslima
56	S. Akshaya	B. pharmacy - II	S. Akshaya
57	S. Revanth chowdary	B. pharmacy - II	S. Revanth chowdary
58	Sd. sameena	B. pharmacy - II	Sd. sameena.
59	T. Madhavi	B. pharmacy - II	T. Madhavi
60	V. Balakrishna	B. Pharmacy - II	V. Balakrishna
61	Y. Jaswanth	B. Pharmacy - II	Y. jaswanth
62	Y. Harshitha	B. pharmacy - II	Y. Harshitha.
63	SK. M. Mubina	B. Pharmacy - II	M. Mubina
64	SK. Naseer Ahmad	B. Pharmacy - II	SK. naseer
65	SK. Sai Subhani	B. Pharmacy - II	SK. Saisubani
66	SK. Tahiruddin Ahmad	B. Pharmacy - II	SK. Tahiruddin
67	P. Surekha	Bpharmacy - II	P. Surekha.
68	SK. Mahammad Adil	B. pharmacy - II	SK. M.P. Adil
69	T. Aruna	B. pharmacy - II	T. Aruna
70	M. Vishnuvardhan	B. pharmacy - II	M. Vishnu
71	L. Gnaneswar	B. pharmacy - II	L. Gnaneswar
72	N. Lakshmi Reddy	B. Pharmacy - II	N. Lakshmi
73	N. Narasimhan	B. pharmacy - II	N. Narasimhan
74	M. Madhuleeta	B. Pharmacy - II	Madhuleeta
75	M. Sudharshini	B. Pharmacy - II	M. Sudharshini



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Date: 11-04-2025


Programme: Guest Lecture on "Natural Products in Drug Discovery: Past, Present and Future"


Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
76	B.S.K. mukhtaramali	II. Bpharmacy	B.S.K. mukhtaramali
77	D. Saikiran	II nd . B. Pharmacy	D. Saikiran
78	T. Harshita	II nd B. Pharmacy	T. Harshita
79	B. Bhargavi	II nd B. pharmacy	B. Bhargavi
80.	B. Pavani	II B. Pharmacy	B. Pavani
81.	A. Sriani	II B-pharmacy.	A. Sriani
82.	J. Lakshmi	II B-pharmacy.	J. Lakshmi
83.	A. Deepshitha	II B-pharmacy.	A. Deepshitha
84	Ch. lakshmi durga	II B-pharmacy	Ch. lakshmi durga
85	Ch. pooja	II B. pharmacy	Ch. pooja
86	B. Narendrag	II B-pharmacy	B. Narendrag
87	Ch. Syam Sankar Kumar	II B. pharmacy	Ch. Syam Sankar Kumar
88	Ch. Maheswari	II B. pharmacy	Ch. Maheswari
89.	D. Harshini	II B-pharmacy	D. Harshini
90	Sk. Fathreen Sanam	II B-pharmacy	Sk. Fathreen
91	D. Bhargav Sri Pavan	II B-pharmacy	D. Bhargav
92	G. varshitha	II nd B. pharmacy	G. varshitha
93	G. Keerthana	II B-pharmacy	G. Keerthana
94	G. Nikitha Sai Kumar	II B-pharmacy	G. Nikitha Sai Kumar
95	D. Sasikumar	II B Pharmacy	D. Sasikumar

Action taken Report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1	Conduct of online FDP	Department of Pharmaceutics, NIPS successfully organized a one week online Faculty Development Programme on Enhancing the Pharmacist Skills- the AI Advantage (e-FDP on EPS-AI) from 16 th -21 st December 2024. Programme Report was enclosed.
2	Conduct of Guest Lectures	Organizing Members Successfully conducted the following guest lectures <ol style="list-style-type: none"> 1. A guest lecture on "Unveiling the mTOR Pathway Modulation by SGLT2 Inhibitors: A Novel Approach to Alzheimer's disease in Type 2 Diabetes" by Dr. Ranakishore Pelluri on 22-03-2025. 2. A guest lecture on "Creation and Improvement of Nanoparticulate Drug Delivery Methods for Penetration of the Blood-Brain Barrier" by Dr. Ratna Sindhu Yalavarthy on 25-03-2025. 3. A guest lecture on "A Novel Approach of Natural Nanoparticulate System for Psoriatic Skin Care" by Dr. Gouse Firoz Syed on 04-04-2025. 4. A guest lecture on "The Evolution of Pharmacognosy: From Traditional Knowledge to Modern Science" by Dr. K.N.V. Rao on 08-04-2025. 5. A guest lecture on "Natural Products in Drug Discovery: Past, Present and Future" by Dr. N.S.K. Prasada Rao on 11-04-2025. Details Enclosed
3	Publications	Articles were received from both the staff and students for documentation in the R&D cell. List enclosed
4	Project review meetings	Review meeting dates was finalized and the circular was posted in the students groups for information.
5	Books/ Books Chapter (Published)	Information collected from Faculty who are published Books/ Books chapter's related to current advancements in their respective fields. <ol style="list-style-type: none"> 1. Global Clinical Research Regulations: Guidelines for Ethical Drug Development and Global Compliance. Notion Press, Inc. California. 2. Industrial Pharmacy-I: Formulation, Manufacturing, and Quality Control. Notion Press, Inc. California. 3. Silk-Based Biopolymer Drug Delivery Systems- Fundamentals and Applications. Apple Academic Press exclusive co-publishing with CRC Press Taylor & Francis Group.


COORDINATOR
(R&D CELL)
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 Associate Professor, BoR Member
 Dept of Pharmaceutics,
 Narasaraopeta Institute of Pharmaceutical Sciences
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Date: 25-07-2024.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **27-07-2024**, Saturday at 3:45 pm in the Principal chamber. All the committeemembers shall attend the meeting without fail.

Proposed Agenda:

1. Planning for the programmes on R&D
2. Review on previous meeting regarding publications.
3. Project Review meetings
4. Any other points with the permission of chair.


COORDINATOR

(R & D CELL)
Dr. Raghavendra Kumar Gunda

M Pharm Ph D FCEM

Associate Professor, BoR Member


Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences

Narasaraopet, Guntur - 522 601

1. Chairman

2. R&D cell committee members & the other staff
3. Notice board


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Date: 27-07-2024

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 27-07-2024.

Proposed Agenda:

1. Planning for the programmes on R&D.
2. Review on previous meeting regarding publications.
3. Project Review meetings.
4. About Publishing in Indexed Journals with special emphasis on impact factor.
5. Improving research writing skills and h-index. Any other points with the permission of chair.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener	
3	Mr. M. Ramakrishna	Assoc. Professor	Ph. Analysis	Member	
4	Mrs. V. Swathi	Assoc. Professor	Pharmacology	Member	
5	Mrs. SK. Farahan Subahan	Assoc. Professor	Pharmacy Practice	Member	
6	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
7	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member	
8	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member	
9	Mr. M. Samuel	Assoc. Professor	Pharmacognosy	Member	

Meeting outcomes:

1. Planning for the programmes on R&D:

Convener of committee proposed to organize an International Conference on "Recent Trends and Scenario of Artificial Intelligence and Pharmaceutical Science". Members expressed their co-operation for organizing the same. The committee planned to organize a Indo-Gulf International conference on "Recent Trends and Scenario of Artificial Intelligence and Pharmaceutical Science" on 17-08-2024 in association with Association of Pharmacy Professionals Andhra Pradesh State Branch.

2. Project Review meetings:

The meeting was gone in a way, with the faculty to discuss new ideas and innovations generated by the faculty in the course of the teaching-learning process.

The committee members and the Principal reviewed all the projects which were done by B. Pharm, M. Pharm & Pharm. D students by Academic Year 2023-24. Tentative Dates for the review meetings for Academic Year 2024-2025 was scheduled.

3. **About Publishing papers in Indexed Journals:** Principal suggested that to guide the students to publish their thesis work in the Scopus indexed or UGC care approved journals with good impact factor.
4. **Improving research writing skills and h-index:** Committee members suggested, how to improve research write up and manuscript handling skills. Further discussed on h-index, i-10 index for improving researcher profile. The meeting is concluded with reviewing all the publications done by the staff and students till now.

1	Role of Synbiotics in Gastrointestinal Disorders; Synbiotics in Human Health: Biology to Drug Delivery.	Raghavendra Kumar Gunda	Pharmaceutics	Springer Nature Singapore Pte Ltd.
2	Exploring Nano-Based Therapeutics by Quantum Computational Modeling. Drug Delivery systems using Quantum Computing.	Raghavendra Kumar Gunda	Pharmaceutics	Scrivener Publishing Beverly; Wiley Publications
3	Statistical Optimization and Evaluation of Extended Release Tablets for Divalproex Sodium. Current Trends in Drug Discovery, Development and Delivery	Raghavendra Kumar Gunda	Pharmaceutics	Royal Society of Chemistry
4	Herbal formulation and quality control evaluation of moringa oleifera leaf extract. Current Trends in Drug Discovery, Development and Delivery	V.Swathi	Pharmacology	Royal Society of Chemistry
		J.N. Suresh Kumar	Pharmaceutics	
5	Introduction to Biotechnology; Text book for Biochemistry and clinical pathology	V.Swathi	Pharmacology	Taurus Publications
6	Phytochemical Investigation of Drugs; A Textbook of Pharmacognosy	V.Swathi	Pharmacology	Taurus Publications
		J.N. Suresh Kumar	Pharmaceutics	
7	Novel Techniques for Enhancing Naproxen Solubility and Dissolution Rate	Raghavendra Kumar Gunda	Pharmaceutics	ANU J Pharm Tech Res
8	Formulation Development and Evaluation of Vildagliptin oral Disintegrating Tablets	Raghavendra Kumar Gunda	Pharmaceutics	ANU J Pharm Tech Res
		J.N. Suresh Kumar		
9	Formulation and Optimization of Telmisartan Tablets by 2 ³ Factorial Design and Multiple Regression Technique and their Evaluation	Raghavendra Kumar Gunda	Pharmaceutics	ANU J Pharm Tech Res
10	Effect of Crospovidone, Croscarmellose Sodium in Combination on the Drug Release of Antidiabetic Medication in Tablet Form	Raghavendra Kumar Gunda	Pharmaceutics	Pharm Drug Reg Aff J
		J.N. Suresh Kumar		
11	Development and characterization of fast dissolving tablets for Empagliflozin	Raghavendra Kumar Gunda	Pharmaceutics	J App Pharm Sci Res
		J.N. Suresh Kumar		
12	Transdermal Drug Delivery System: An Emphasis on Transdermal Patches.	Raghavendra Kumar Gunda	Pharmaceutics	Pharm Drug Reg Aff J
		J.N. Suresh Kumar		
13	A Comprehensive Study of Floating Drug Delivery Systems: Current Trends and Future Prospects	K. Venkata Gopaiah	Pharmaceutics	UP J Zoology
		J.N. Suresh Kumar		
14	Development and Assessment of Hydroxypropyl Methylcellulose-Based Floating Tablets for Ciprofloxacin HCL Using Direct Compression Technique	K. Venkata Gopaiah	Pharmaceutics	J Pharm Res Int
		J.N. Suresh Kumar		
15	Clinical Investigation of Valsartan Sustained-Release Matrix Tablets: Formulation Design and Performance Evaluation	Ramya Teja M	Pharmaceutics	J Pharm Res Int
		J.N. Suresh Kumar		
16	Enhancing Dissolution Rate of Glipizide Immediate Release Tablets with Sodium Starch Glycolate as a Superdisintegrant: Formulation and Assessment	O. Girija Kumari	Pharmaceutics	Int J Pharm Res App
		J.N. Suresh Kumar		
17	Phytochemical screening on hibiscus rosasinensis leaves	K. Sobhan Babu	Pharmacognosy	Eur J Pharm Med Res
		J.N. Suresh Kumar	Pharmaceutics	

18	Evaluation of factors associated with acceptance of adherence and toxicity levels in the treatment of tuberculosis infection and effectiveness of the treatment	P. Lazaru	Pharmacy Practice	Int J Pharm Drug Anal
		J.N. Suresh Kumar	Pharmaceutics	
19	Simplified UV spectrophotometric analysis of abiraterone acetate in bulk and formulations	M. Ramakrishna	Pharmaceutical Analysis	Int J Pharm Drug Anal
		J. N. Suresh Kumar	Pharmaceutics	
20	Development of simple UV-spectrophotometric method for the estimation of vildagliptin drug in bulk and its formulation	M. Ramakrishna	Pharmaceutical Analysis	Int J Pharm Drug Anal
		J. N. Suresh Kumar	Pharmaceutics	
21	Stability Indicating Method Development and Validation of Tenofovir and Lamivudine by UV Spectrophotometer and RP-HPLC	B. Satyaprasad	Pharmaceutical Analysis	J Adv Zoology
		J. N. Suresh Kumar	Pharmaceutics	
22	Development and Validation of UV Spectrophotometric Method for the Determination of Sitagliptin in Bulk Material and in Tablets	B. Satyaprasad	Pharmaceutical Analysis	J Adv Zoology
		J. N. Suresh Kumar	Pharmaceutics	
23	A Review on Animal Models in Neurodegenerative Diseases	P. Seeta	Pharmacology	Indo Amer J Pharm Sci
		J. N. Suresh Kumar	Pharmaceutics	
24	A Review on Different Extraction Method of Plants: Innovation from Ancient to Modern Technology	K. Sobhan Babu	Pharmacognosy	Eur J Pharm Med Res
		J. N. Suresh Kumar	Pharmaceutics	
25	A Review on Tuberculosis	P. Lazaru	Pharmacy Practice	Eur J Pharm Med Res
		J. N. Suresh Kumar	Pharmaceutics	
26	A Brief overview on Disease: Breast Cancer	RVSS Lathasri	Pharmacy Practice	World J Pharm Sci
		J. N. Suresh Kumar	Pharmaceutics	
27	An overview of Darunavir for multiple antiretroviral diseases	B. Satyaprasad	Pharmaceutical Analysis	Int J Pharm Res App
		J. N. Suresh Kumar	Pharmaceutics	
28	An Analytical Review-Based Study on Sitagliptin	B. Satyaprasad	Pharmaceutical Analysis	Int J Sci Res Eng Manag
		J. N. Suresh Kumar	Pharmaceutics	
29	Innovative Approaches for Pulsatile Drug Delivery System	O. Girija Kumari	Pharmaceutics	Indo Amer J Pharm Sci
		J.N. Suresh Kumar		
30	A review of synthesis, biological activity, & docking studies of anti-tubercular agents	Ch. Ajay Kumar	Pharmaceutical Chemistry	J Inn App Pharm Sci
		J. N. Suresh Kumar	Pharmaceutics	
31	A General Review on Phytochemical Constituents and Traditional Use	M. Samuel	Pharmacognosy	Int J Res Pub Rev
		J. N. Suresh Kumar	Pharmaceutics	
32	A Review of the Regional Therapeutic Potential Herbal Drugs for various Ailments	M. Samuel	Pharmacognosy	Int J Res Pub Rev
		J.N. Suresh Kumar	Pharmaceutics	
33	A Review on Preclinical Animal Models for Development Gastric Ulcers & Screening of Anti-Ulcer Drugs	N. Kodanda Ram	Pharmacology	Eur J Pharm Med Res
		J.N. Suresh Kumar	Pharmaceutics	
34	A prospective observational study on clinical impact of biomarkers [c-reactive protein, tropinin-i] for the evaluation of the efficacy of pharmacological treatment & their comparative therapeutic outcomes in various diseases	N. Kodanda Ram	Pharmacology	Eur J Pharm Med Res
		J.N. Suresh Kumar	Pharmaceutics	
35	A prospective observational study to assess knowledge, attitude, and practice towards polycystic ovarian syndrome) and its impact on the mental health of PCOS patients	RVSS Lathasri	Pharmacy Practice	Asian J Hosp Pharm
		J.N. Suresh Kumar	Pharmaceutics	
36	A review on chalcones synthesis and its pharmacological activities	M. Kasthuri	Ph. Chemistry	J Glob Tren Pharm Sci
		J.N. Suresh Kumar	Pharmaceutics	
37	Gabapentin- A Review	V. Swathi	Pharmacology	Euro J Biomed Pharm Sci
		J.N. Suresh Kumar	Pharmaceutics	

Objective

The pharmaceutical sciences combine a broad range of scientific disciplines that are critical to the discovery and development of new drugs and therapies. Clinical pharmacy is a health science discipline in which pharmacists provide patient care that optimizes medication therapy and promotes health, and disease prevention. In the pharma space, Artificial Intelligence is working with researchers to support the decision-making processes for existing drugs and expanded treatments for other conditions, as well as expediting the clinical trials process by finding the right patients from several data sources. Over the years, pharmaceutical scientists have been instrumental in discovering and developing innovative drugs that save thousands of people's lives and improve the quality of life for many others. Drug development describes the process of developing a new drug that effectively targets a specific weakness in a cell. This process involves specific pre-clinical development and testing, followed by trials in humans to determine the efficacy of the drug. Further, the study of pharmacology encompasses the sources, chemical properties, biological effects and therapeutic uses of drugs. These fast growing areas demand a global platform for discussion of various pharmaceutical aspects and the present conference will provide the same through expert lectures.

Registration

Registration fee of Rs. 250/- per participant (Spot registration: Rs 300/-)

Patrons:

Sri Mittapalli Venkata Koteswararao, Chairman
Mr. Chakravarthi Mittapalli, Director
Mr. Ramesh, Secretary
Mr. Kishore Mittapalli, Director

Dr. J. N. Suresh Kumar
Convener & Principal
Narasaraopeta Institute of Pharmaceutical
Sciences, Yellamanda, Narasaraopet
Guntur, Andhra Pradesh

Dr. Anil K. Philip
Co-Convener & Vice President
APP Gulf International Branch
Associate Dean, School of Pharmacy
University of Nizwa, Sultanate of Oman

Dr. Zia Ur Rehman
Scientific Committee Chairman
Secretary, APP Gulf International Branch
Associate Professor, Department of Pharmaceutical
Chemistry, College of Pharmacy, Jazan University
Jazan, Saudi Arabia

Dr. Sunita Dahiya
Organizing Chairman & General Secretary
Association of Pharmacy Professionals
University of Puerto Rico, San Juan, USA

Dr. Purushothama Reddy K
Scientific Committee Co-Chairman
HOD, Department of Pharmacy Practice
Vijaya Institute of Pharmaceutical Sciences for Women
Vijayawada, Andhra Pradesh

Prof. Gaurav Gupta (Virtual)
President, APP Gulf International Branch
Adjunct Research Professor, Centre of Medical and Bio-allied Health Sciences Research
Ajman University, Ajman, United Arab Emirates
Prof. K. Karthikeyan
Head, Department of Pharmacy Practice, School of Pharmaceutical Sciences
Vels deemed to be University (VISTAS), Pallavaram, Chennai, Tamil Nadu
Dr. Sagar Kumar Mishra
Lecturer, Department of Pharmaceutical Sciences, Utkal University
Bhubaneswar, Odisha

For Correspondence

Convener
Prof. J.N. Suresh Kumar (NIPS, Principal)
☎ 98490 34838
Co-convener
Assoc. Prof. Dr. Raghavendra Kumar Gunda
☎ 9666705894



**WORLD
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DAY**



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(AUTONOMOUS)

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(Sponsored by Gayatri Educational Development Society), Narasaraopet
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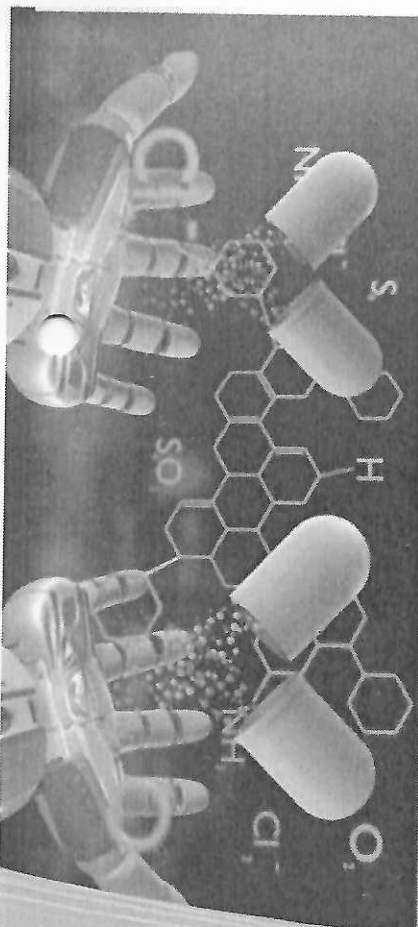


Association of Pharmacy Professionals
&
Gulf International Branch
Andhra Pradesh State Branch
Community & Clinical Pharmacy Division



INDO-GULF INTERNATIONAL CONFERENCE
ON
"RECENT TRENDS & SCENARIO OF ARTIFICIAL INTELLIGENCE
AND PHARMACEUTICAL SCIENCES"
(RTSAIPS)

(17th August, 2024)



About the Association

Association of Pharmacy Professionals (APP) is a unique organization of more than 2000 dedicated professionals willing to serve pharmacy profession in dynamic ways and involves people from various arena including students, teachers, researchers, scientists as well as industry professionals. APP aids in extending the knowledge and facilities of several technical institutes, industries as well as health sectors to the remote areas where the service and live functionality of pharmacy profession is the real want. This humble act might be in the form of academic, research or health related activities. The association also share the responsibilities of professionals towards the community and social liabilities. APP accesses the availability of expertise when it needs and ensures that the systematic teaching learning activities not only occurs but also reach to the common knowledge development system by acting as source of fulfillment. Kindly visit the association website www.appconnect.in for more details.

About the Institute

Narasaraopeta Institute of Pharmaceutical Sciences (NIPS) was established in the year 2007 under the aegis of the Gayatri Educational Development Society, Narasaraopet under the visionary Chairmanship of Sri. Mittapalli Venkata Koteswara Rao is an Industrialist having more than about four decades of great experience in promoting and administering professional colleges in Andhra Pradesh.

The institution is accredited with NAAC A+ Grade with CGPA 3.30 out of 4.0 CGPA as one of the important standard educational organization with world institutional ranking **GOLD BAND** award in Andhra Pradesh. The institution is now **AUTONOMOUS** conferred by UGC for 10 years from 2024-25. The institution is approved by PCI, New Delhi and is permanently affiliated to the JNTUK, Kakinada, Andhra Pradesh. NIPS is an ISO 9001:2015 certified institute and has MoUs with noted private hospitals, pharmaceutical industries, research industries, and educational institutions in Andhra Pradesh and Telangana State. NIPS has the best quality infrastructure with sophisticated labs, classrooms, a spectacular auditorium, seminar hall, animal house, hostels, cafeteria, library, vast playground and provision for indoor games & gym. Sri. Mittapalli Srinivasa Chakravarthi M.S (USA), Sri Mittapalli Ramesh Babu and Sri Mittapalli Kishore Babu M.S (Pharmacy) USA takes steps very systematically to shape the institution on par with the best in the State. NIPS is a self-financed institution and runs the UG courses of Pharmacy namely B. Pharm (100 intake), Pharm. D (30 intake) and PG course M. Pharm in three specializations with 15 intake in each branch. Kindly visit the NIPS website <https://nips.edu.in> for more details.

Poster Presentations

You are invited for poster presentations related to theme of the conference given below. Abstract can be submitted at ipacnips@gmail.com on or before 13th August, 2024. Abstract: 150 - 200 words only, Poster Code will be sent after acceptance.

Poster Specifications

Size: 4 x 4 Feet, Font: Times New Roman, Max. Authors: 3 (For each poster)

Topics

Nanotechnology, bioavailability enhancement, bioavailability and bioequivalence studies, pharmacokinetics of novel drug delivery systems, preformulation considerations, medicinal chemistry, drug design and others topics relevant to the theme of conference.

Eligibility Students of B. Pharm, M. Pharm, Pharm.D, Research Scholars & Faculty members.

Programme schedule

17th August 2024

Inauguration

9.30 A.M. to 10.30 A.M.

Welcome Speech & Inaugural Remarks

Sri Mittapalli Venkata Koteswararao

Chairman, Narasaraopeta Institute of Pharmaceutical Sciences Yellamanda, Narasaraopet, Guntur, Andhra Pradesh

Mr. Chakravarthi Mittapalli

Director, Narasaraopeta Institute of Pharmaceutical Sciences Yellamanda, Narasaraopet, Guntur, Andhra Pradesh

Prof. J. N. Suresh Kumar

Convener & Principal, Narasaraopeta Institute of Pharmaceutical Sciences Yellamanda, Narasaraopet, Guntur, Andhra Pradesh

Invited Lectures

PROF. GAURAV GUPTA (Virtual)

Ajman University, Ajman, United Arab Emirates

PROF. K. KARTHICKVEYAN

Vels Deemed to be University (VISTAS), Chennai, Tamilnadu

DR. SAGAR KUMAR MISHRA

Utkal University, Bhubaneswar, Odisha

Lunch Break :

Poster Presentations:

Valedictory Functions:

Vote of Thanks

Registration :

Registration fee is Rs 250/- (students); Rs 300/- (for teachers & industrial participants), US\$ 50/- (for foreign delegates). Life membership fee can be e-transferred at: Beneficiary Name: ASSOCIATION OF PHARMACY PROFESSIONALS SMITI; Beneficiary Bank: State Bank of India; Beneficiary Branch: HET Bhopal, Madhya Pradesh; Beneficiary A/c No.: 32005591455; IFSC Code: SBIN0000519. **Registration fee can be submitted in cash / PhonePe / Google Pay on 7036907343, to the hosting institute (NIPS).**

Important Dates :

Last date of abstract submission: 13th August 2024;

Last date for registration: 14th August 2024

For any queries, kindly contact the Convener or Co-Convener

☎ 98490 34838 / 9666705894



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PROGRAM REPORT


Narasaraopeta Institute of Pharmaceutical Sciences (A) organized **10th Indo-Gulf International Conference on "Recent Trends and Scenario of Artificial Intelligence and Pharmaceutical Sciences"** on 17th August 2024 in association with Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch, with APP Gulf International Branch and APP Community and Clinical Pharmacy Division, in the commemoration of "World Humanitarian Day 2024", which is an international day dedicated to recognize to recognize the dedication, commitment and sacrifice of humanitarians globally. During this scientific conference, **Sri Mittapalli Venkata Koteswararao**, Chairman, NIPS, Yellamanda; **Mr. Ramesh**, Secretary, Narasaraopeta Institute of Pharmaceutical Sciences, Yellamanda; **Mr. Chakravarthi Mittapalli**, **Mr. Kishore Mittapalli**, Directors, NIPS, Yellamanda acted as 'Patrons'; **Dr. Sunita Dahiya**, General Secretary APP from School of Pharmacy, University of Puerto Rico, San Juan, Puerto Rico, United States as '*Organizing Chairman*'; **Prof. J. N. Suresh Kumar**, Secretary, APP Andhra Pradesh State Branch and Principal, Narasaraopeta Institute of Pharmaceutical Sciences, Yellamanda as '*Convener*'; **Dr. Anil K. Philip**, Vice President, APP Gulf International Branch & Associate Dean, School of Pharmacy, University of Nizwa, Sultanate of Oman as '*Co-Convener*'; **Dr. Zia Ur Rehman**, Secretary, APP Gulf International Branch & Associate Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, Jazan University Jazan, Saudi Arabia as '*Scientific Committee Chairman*'; **Dr. Purushothama Reddy K**, HOD, Department of Pharmacy Practice, Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada, Andhra Pradesh as '*Scientific Committee Co-Chairman*'.

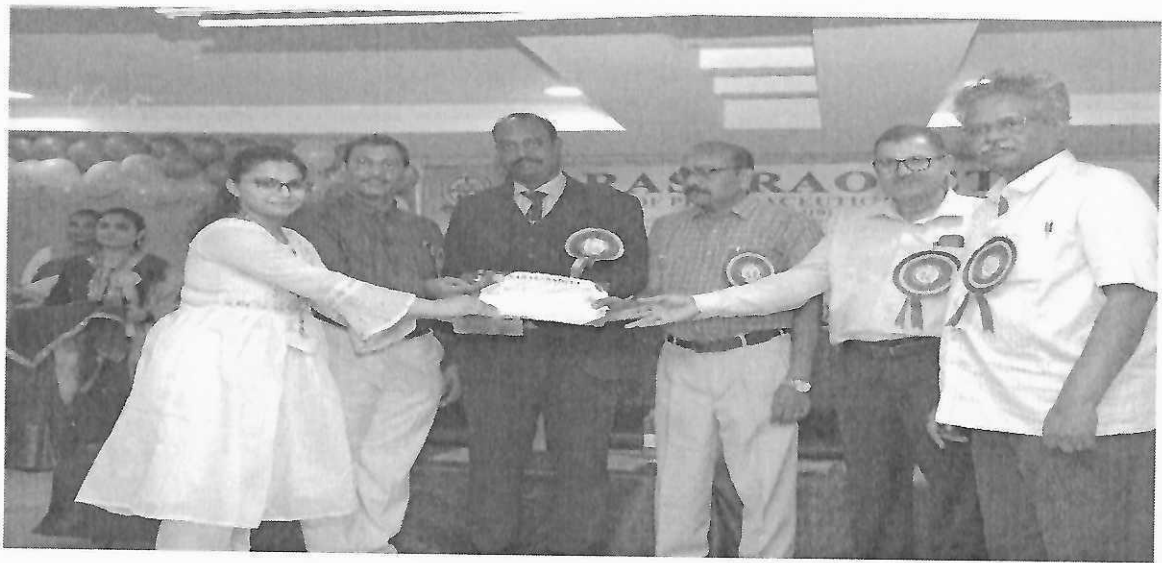
Scientific session of the conference was initiated with online keynote lecture of **Prof. Gaurav Gupta**, President, APP Gulf International Branch & Adjunct Research Professor, Centre of Medical and Bio-allied Health Sciences Research, Ajman University, Ajman, United Arab Emirates who addressed the gathering on the topic "*AI Innovations in Drug Discovery: A Faster Route from Lab Bench to Patient Bedside*". Other two lectures were delivered by **Prof. K. Karthickeyan**, Head, Department of Pharmacy Practice, School of Pharmaceutical Sciences, Vels deemed to be University (VISTAS), Pallavaram, Chennai, Tamil Nadu and **Dr. Sagar Kumar Mishra**, Lecturer, Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar, Odisha on topics like '*Advancement in Clinical Pharmacy Practice*' and '*Scientific Evaluation of Ethnomedicinal Plants: Perspectives for Effective Therapeutic Agents*'. During the valedictory function, **Prof. K. Kathickeyan**, Head, Department of Pharmacy Practice, School of Pharmaceutical Sciences, VISTAS, Palavaram, Chennai, Tamil Nadu honoured with 'APP Fellow Membership Award 2024' by **Prof. J. N. Suresh Kumar**, Secretary, APP Andhra Pradesh State Branch. Also appreciation awards were extended to chairman and principal of hosting college. In addition, **Dr. Sk. Farhan Subahan**, Assistant Professor, Department of Pharmacy Practice, NIPS, conferred with '*Best Teacher Award*'; **Dr. Sk. Mulla Mobin**, Assistant Professor, Department of Pharmacy Practice, NIPS, felicitated with '*Best Talent Award*'; **Dr. A. Swetha Prathima**, Assistant Professor, NIPS, honored with '*Best Performer Award*'; **Dr. K. Venkata Gopaiah**, Associate Professor, NIPS, conferred with

'Best Achiever Award'; **Mr. Deselli Mohan** and **Ms. Bathula Manasa**, B.Pharm (Year 4) Students, NIPS, with *'Best Student Awards'*; **Mr. Jagupilla Pavan Kumar** and **Ms. Pendela P V K N Sai Rama Pujitha**, Pharm.D (Year VI) Students, NIPS, with *'Best Student Awards'*. Various posters were presented during scientific session of this Indo-Gulf International Conference and best poster prizes were distributed. At last, the scientific event ended with *'votes of thanks'* by the Convener & Principal, Narasaraopeta Institute of Pharmaceutical Sciences (A), Narasaraopet, and Guntur.


Coordinator

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences,
Narasaraopeta - Guntur - 522 601.


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Action taken Report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1	Conduct of seminars/conference/ Guest Lectures	10 th Indo-Gulf International Conference on “Recent Trends and Scenario of Artificial Intelligence and Pharmaceutical Science” was conducted on 17 th Aug 2024 in association with Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch and APP Gulf International Branch in the commemoration of World Humanitarian Day 2024.
2	Thesis Publication	Articles were received from both the staff and students for documentation in the R&D cell. List enclosed
2	Project review meetings	Review meeting dates was finalized and the circular was posted in the students groups for information.
3	Books/ Books Chapter (Published)	Information collected from Faculty who are showing interest in writing Books/ Books chapters related to current advancements in their respective fields. <ol style="list-style-type: none">1. Role of Synbiotics in Gastrointestinal Disorders; Synbiotics in Human Health: Biology to Drug Delivery.2. Exploring Nano-Based Therapeutics by Quantum Computational Modeling. Drug Delivery systems using Quantum Computing.3. Statistical Optimization and Evaluation of Extended Release Tablets for Divalproex Sodium. Current Trends in Drug Discovery, Development and Delivery.

Cpx
COORDINATOR
(R&D CELL)

Dr. Raghavendra Kumar Gunda
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Associate Professor, BoR Member
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Date: 25-07-2024.

CIRCULAR

It is hereby informed to all the staff and students that Research and Development cell (R&D) is re-constituted on 25-07-2024 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener
3	Mr. M. Ramakrishna	Assoc. Professor	Ph. Analysis	Member
4	Mrs. V. Swathi	Assoc. Professor	Pharmacology	Member
5	Mrs. SK. Farahan Subahan	Assoc. Professor	Pharmacy Practice	Member
6	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member
7	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member
8	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member
9	Mr. M. Samuel	Assoc. Professor	Pharmacognosy	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Hence R& D cell was reconstituted in the college with a dedicated team who are actively involved in various research activities.

Copy to:

1. Chairman
2. All the Teaching and Non- teaching staff members
3. R&D cell committee members
4. Notice board

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Date: 25-01-2024.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **27-01-2024**, Saturday at 3:45 pm in the Principal chamber. All the committee members are requested to attend the meeting without fail.

Proposed Agenda:

1. Planning for the programmes on R&D.
2. Strengthening of research activities in the college.
3. Discussion about the thesis publication
4. Any other points with the permission of chair.

CM
**COORDINATOR
(R&D CELL)**

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopeta, Guntur - 522 601

[Signature]
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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board



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Date: 27-01-2024.

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 27-12-2023.

Proposed Agenda:

1. Planning for the programmes on R&D.
2. Strengthening of research activities in the college.
3. Discussion about the thesis publication
4. Any other points with the permission of chair.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener	
3	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member	
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
5	Mr. G. Lakshmana	Assoc. Professor	Pharmacology	Member	
6	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member	
7	Mr. P. Adinarayana Reddy	Asst. Professor	Pharmaceutics	Member	
8	Mrs. O. Girija Kumari	Asst. Professor	Pharmaceutics	Member	
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	

Meeting outcomes:

1. Planning for the programmes on R&D:

Members expressed their cooperation for organizing guest lectures/ seminars for the benefit of faculty and students. The committee planned to organize a Guest lecture on "A Journey from Seed to Therapeutic Agent- Natural Product Development" on 08/02/2024 by Dr. N.S.K. Prasada Rao; A guest Lecture on "A Journey from Innovative Idea to Intellectual Protection" on 17/02/2024 by Dr. K.N.V.Rao. Principal appreciated the contribution of members in organizing the activities.

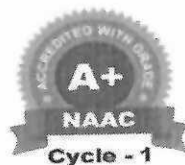
2. Strengthening of research activities in the college: The meeting was gone a way, with the faculty to discuss new ideas and innovations generated by the faculty in the course of the teaching-learning process.

3. Discussion about the thesis publication: The committee members and the Principal suggested the supervisors to publish their scholars work in reputed indexed journals.



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Date: 08-02-2024

Programme: Guest Lecture on "A Journey from Seed to Therapeutic Agent- Natural Product Development"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
26	A. Anitha Reddy	B. pharmacy / III rd	A. Anitha
27	B. Mounika	III rd B. pharm	Mounika. B
28	P. Kethana Kumasi	B. Pharmacy / III rd	P. Kethana
29	U. Bhavani	III rd B. pharmacy	U. Bhavani
30	T. Sruthi	III rd B. pharmacy	T. Sruthi
31	P. Bi Fathima	III B pharmacy	P. Bi fathima
32	V. Jashna Priya	III B Pharmacy	V. Jashna priya
33	P. Manjula	III B. pharmacy	P. Manjula
34	J. HARESH.	III B. pharmacy	J. HARESH.
35	K. Smati	III rd B. pharmacy	K. Smati
36	D. Sri Ranjani	III rd B. pharmacy	D. Sri Ranjani
37	A. Navyasri	III rd B. pharmacy	A. Navyasri
38	N. Khairimbee	III B. pharmacy	N. Khairimbee
39	G. L. V. Surekha	III. B. pharmacy	G. Surekha
40	D. Eswari Sai prasanra	III. B. pharmacy	D. Eswari
41	G. Sravanis	III. B. pharmacy	G. Sravanis
42	D. Jaya Sree	III. B. pharmacy	D. Jaya Sree
43	D. Sasivani Reddy	III. B. pharmacy	D. Sasivani
44	B. Venkanna	III. B. pharmacy	B. Venkanna
45	K. Hari Naga Himaja	III. B. pharmacy	K. Himaja
46	V. Thoruni	III. B. pharmacy	V. Thoruni
47	K. Bala Suvama	III rd B. pharm	Suvama
48	V. parvathi.	III rd B. pharm	Parvathi.
49	B. Manasa	III rd B. pharm	Manasa
50	M. Aswithe	III rd B. pharm	Aswithe



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Date: 08-02-2024

Programme: Guest Lecture on "A Journey from Seed to Therapeutic Agent- Natural Product Development"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
51	K. Murali	III rd B-pharmacy	K. Murali
52	P. AKshay	III rd B-pharmacy	P. AKshay
53	S. Sai karthik	III B-Pharmacy	S. Sai karthik
54	P. p. lanneshq.	III B-pharmacy	P. p. lanneshq.
55	D. Mohan	3 rd B. Pharmacy	D. Mohan
56	Ch. Hanumantha Rao	3 rd B. pharm	Ch. Hanumantha Rao
57	P. Mouli	III rd B. pharm	P. Mouli
58	Ch. Rajasekhar	III rd B. Pharmacy	Ch. Rajasekhar
59	SK. Irifan	III rd B. pharmacy	SK. Irifan
60	G. Raghavendra	III rd B. pharmacy	G. Raghavendra
61	Ch. Jayanth	III B-pharmacy	Ch. Jayanth
62	D. Naveen Reddy	III B. Pharmacy	D. Naveen Reddy
63	Shaik. Irfan	III B. pharmacy	Shaik. Irfan
64	Ch. Praveen Kumar	III B. pharm	Ch. Praveen Kumar
65	G. Anand Babu	III B. pharm	G. Anand Babu
66	N. Venkata Sai	III B. Pharm	N. Venkata Sai
67	SK. Harshad	III B. Pharm	SK. Harshad
68	K. Ashok	III B. pharm	K. Ashok
69	T. Naga Bharath	III B. pharm	T. Naga Bharath
70	B. Tirumala Rao	III B-Pharm	B. Tirumala Rao
71	M. Shagrir	III B-pharmacy	M. Shagrir
72	K. Teja	III B. pharmacy	K. Teja
73	B. marasa	III B. pharm	B. marasa
74	Ch. Sahithi	III B. Pharm	Ch. Sahithi
75	G. Bhargavi	III B. pharm	G. Bhargavi



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Date: 08-02-2024

Programme: Guest Lecture on "A Journey from Seed to Therapeutic Agent- Natural Product Development"

Attendance Sheet

S.No	Name of the faculty	Designation	Signature
1	Dr. J.N. SURESH KUMAR	PROFESSOR, PRINCIPAL	
2	Dr. RAGHAVENDRA KUMAR GUNDA	ASSOC. PROFESSOR	
3	Dr. K. Venkata Goparish	Asst. Professor	
4	Dr. B. Satya Prasad	Assoc. prof	
5	M. Ramya Teja	Assoc. professor	
6	O. Girija Kumari	Asst. Prof	

COORDINATOR

(R&D Cell)

Dr. Raghavendra Kumar Gunda
M Pharm, Ph.D, FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
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PROGRAM REPORT

NIPS R&D cell organized a guest lecture on “A Journey from innovative Idea to Intellectual Protection” for IV B.Pharm students on 17th February 2024. It was organised to provide insights into the process of transforming innovative ideas into valuable intellectual property. The event aimed to educate participants on the significance of protecting intellectual assets and navigating the journey from conception to legal safeguards.

The Guest Speaker of the session was:

Speaker: **Dr. K.N.V Rao** M.Pharm., PhD

Professor, Principal, Nalanda College of Pharmacy

The Resource person had expertise on legal frameworks, patenting, trademarks, and copyrights (Natural Product development). He successfully transformed his innovative ideas from laboratory to Intellectual protection by means of obtaining Garneted Patents. He started his lecture, an overview of Importance of Intellectual property. The guest speaker shared his experiences and insights into the journey from ideation to intellectual protection. Highlighted real-world examples and case studies.

He made an interactive session by engaging the audience in a Q&A session, encouraging them to ask questions and share their thoughts. He clarified doubts on specific topics related to intellectual property. Informal discussions and networking among participants.

He also discussed about legal frameworks, patenting, trademarks, and copyrights as an Expert. He gave Practical tips on navigating legal challenges.

Participants engaged in a hands-on workshop, applying the concepts learned. Group discussions and case study analysis also done during the interactive session. He also invited all for his future events and opportunities for further learning.

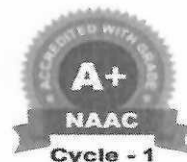
The organizing committee members conducted a feedback session to gather opinions on the lecture. Feedback forms were distributed, covering aspects such as the content, delivery, and overall experience of guest lecture.

The guest lecture on "A Journey from Innovative Idea to Intellectual Protection" provided a comprehensive understanding of the process of safeguarding intellectual assets. Participants gained practical insights from the experiences shared by the guest speaker and had the opportunity to interact with experts in the field. The event successfully fostered a



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Date: 17-02-2024

Programme: Guest Lecture on "A Journey from innovative Idea to Intellectual Protection"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	G. Bhargavi	B-pharm & IV	Bhargavi
2	J. Roslini	IV. B. pharm	Roslini
3	T. Tejaswini	IV. B. Pharm	Tejaswini
4	S. Sathvika	IV B Pharm	Sathvika
5	U. Ramadevi	IV B Pharm	Ramadevi
6	Ch. Kavya	IV. B. pharm	Kavya
7	B. Sandhya	IV. B. Pharm	Sandhya
8	D. Sai Sathi	IV. B. Pharm	Sathi
9	B. Teja Sree	IV B. Pharm	Teja Sree
10	T. Krishnaveni	IV B. pharm	Krishnaveni
11	K. Jessie snehitha	IV B. pharm	Jessiesnehitha
12	K. Sowmya	IV B. pharm	Sowmya
13	K. Naga jyothi	IV B. pharm	Naga jyothi
14	M. Sri lekha	IV B. pharm	Sri lekha
15	G. Lalitha Kumari	IV B. pharm	Lalitha
16	Ch. Sireesha	IV B. Pharm	Ch. Sireesha
17	B. Parimala	IV B. Pharm	B. Parimala
18	A. Bhavani satya prasad	IV B. pharm	A. B. s prasad
19	M. Nileep Chowdary	IV. B. pharm	M. Nileep
20	A. Kumar Sai	IV B. pharm	A. Kumar Sai
21	Ch. Mary yuv	IV B. pharm	Ch. Mary
22	J. Nagarajuna	IV B. pharm	J. Nagarajuna
23	S. Sneha	IV B. pharm	Sneha
24	Ch. Mallikharjun	IV B. pharm	Ch. Mallikharjun
25	A. Sivareddy	IV B. pharm	A. Sivareddy



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Date: 17-02-2024

Programme: Guest Lecture on "A Journey from innovative Idea to Intellectual Protection"

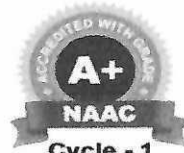
Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
51	S. Durga Sakethi	IV B pharm	Sakethi
52	P. Jahnvi	IV B-pharm	Jahnvi
53	SK. Goushahi	IV B. Pharm	SK Goushahi
54	M. Meghana Harilke	IV B. pharmacy	meghana
55	P. Sruwala lakshmi	IV B. pharm	Sruwala
56	V. A. V. bhavani	IV B. pharm	V. A. V.
57	M. Leela Supraja	IV B. pharm	M. Leela Supraja
58	K. Nagalakshmi savena	IV th B. Pharm	Basave
59	M. Hemanth Reddy	IV th B. pharm	M Hemanth
60	A. Vamsi sainadh	IV B. pharm	A. Vamsi sainadh
61	SK. Mujib Rehman	4 th B. pharm	SK. Mujib
62	M. S. K. Shakeel	IV B pharm	SK Shakeel
63	V. Ganesh charan	IV B pharm	Ganesh charan
64	A. Srikanth reddy	IV B. pharm	SR
65	SK. Abdul sattar	IV B. pharm	SK Ab
66	M. Jaganmohanrai	IV B pharm	Jaganmohanrai
67	V. Bhanu prakash	IV B. pharm	V. Bhanu
68	G. Sk. Rajan	IV B. Pharm	Rajan
69	K. Chiranjeev	IV B. Pharm	Chiru
70	SK. Sabira	IV B. pharm	Sabira
71	M. Bindhu Madhavi	IV B. Pharm	M. Bindhu
72	SK. Amina	IV B. pharm	Amina
73	N. Jagadeesh	IV B. Pharm	Jagadeesh
74	Ch. Ravi	IV B. Pharm	Ravi
75	A. Kanti Kiran	IV B. pharm	Kanti



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Date: 17-02-2024

Programme: Guest Lecture on "A Journey from innovative Idea to Intellectual Protection"

Attendance Sheet

S.No	Name of the faculty	Designation	Signature
1	DR. J. N. SURESH KUMAR	PROFESSOR, PRINCIPAL	
2	DR. RAGHAVENDRA KUMARGUNDA	ASSOC. PROFESSOR	
3	DR. K. VENKATESH GOPAL	ASSOC. PROFESSOR	
4	O. Geetha Kumari	ASSOC. PROFESSOR	
5	M. Ramya Teja	ASSOC. PROFESSOR	
6	DR. B. SATHYANARAYAN	ASSOC. PROFESSOR	

COORDINATOR

(R&D Cell)

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopeta, Guntur - 522 601

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NARASARAOPET - 522 601
Guntur (D.), A.P.



PROGRAM REPORT

NIPS R&D cell organized a guest lecture on “Development and Evaluation of Medicated Sprouted Candies” for III B.Pharm students on 10th April 2024. The speaker of the session was:

Speaker: **Dr. A. Kishore Babu** M.Pharm., PhD

Professor, Principal, Vagdevi College of Pharmacy, Andhra Pradesh.

The objective of the guest lecture was to provide insights into the development and evaluation process of medicated sprouted candies. This lecture aimed to enhance understanding among attendees about the formulation, production, and quality assessment techniques involved in creating such innovative confectionery products. The Resource person had expertise on Herbal based Medicated Sprouted Candies and Ice Pops. He shared his expertise on development and evaluation of Medicated sprouted candies, covering the following key points:

- Introduction to Medicated Sprouted Candies.
- Formulation and Production Process.
- Quality Control or evaluation techniques.
- Regulatory Considerations.
- Market Potentials.

The speaker presented relevant case studies or examples of successful Herbal based candies Formulation Development. The lecture facilitated active participation from attendees through interactive Q&A sessions, enabling clarification of doubts and fostering knowledge exchange. Participants expressed keen interest in exploring the feasibility of integrating medicated sprouted candies into their product portfolios and sought guidance on overcoming formulation and regulatory challenges.

The objective of the guest lecture was to provide insights into the development and evaluation process of medicated sprouted candies. This lecture aimed to enhance understanding among attendees about the formulation, production, and quality assessment techniques involved in creating such innovative confectionery products.

The guest lecture on the development and evaluation of medicated sprouted candies provided attendees with valuable insights into the formulation, production, quality assessment, and regulatory considerations associated with this innovative confectionery category. The session stimulated dialogue and collaboration among industry professionals, academia, and aspiring entrepreneurs, paving the way for the exploration of new opportunities in the evolving landscape of functional foods.

Building upon the knowledge gained from this lecture, future endeavors may include practical workshops, research collaborations, and product development initiatives aimed at harnessing the potential of medicated sprouted candies to address consumer demands for nutritious and therapeutic confectionery options.

The Organising Committee Members expressed gratitude to the guest speaker for sharing their expertise, the attendees for their active participation, and any supporters who contributed to the



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Date: 10-04-2024

Programme: Guest Lecture on "Development and Evaluation of Medicated Sprouted Candies"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
1	U. Bhavani	B.pharm & III	Bhavani
2	T. Suthi	B.pharm & III	Suthi
3	T. Adi Renuka	B.pharm & III	T-Adi Renuka
4	S. Suchitra	B.pharm & III	S. Suchitra
5	K. Venkata gopi	B.pharm & III	K. Venkata gopi
6	Ch. Mallikharjun	B.pharm & III	Ch. Mallikharjun
7	G. Mohana chari	B.pharm & III	G. Mohan
8	T. Vasce	B.pharm & III	T. Vasce
9	G. Marigababu	B.pharm & III	G. Marigababu
10	Avamsi Sainath	B.pharm III	Avamsi
11	D. Chaitanya Lakshmi	B.pharm III	D. C. Lakshmi
12	D. Krishna Rao	B.pharm III	D. Krishna Rao
13	R. Jahari	B.pharm III	R. Jahari
14	P. Krishna Sri priya	B.pharm III	P. Krishna Sri priya
15	Ch. Sireesha	B.pharm III	Ch. Sireesha
16	Sk. Dilshad	B.pharm III	Sk. Dilshad
17	B. Inthiyaz Begam	B.pharm III	B. Inthiyaz
18	J. Pallavi	B.pharm III	Pallavi
19	D. Suman Reddy	B.pharm & III	D. Suman Reddy
20	Ch. Hanumantha Rao	B.pharm & III	Ch. Hanumantha Rao
21	G. Anand Babu	B.pharm & III	G. Anand Babu
22	G. Swarni	B.pharm & III	G. Swarni
23	D. Naveen Reddy	B.pharm & III	D. Naveen Reddy
24	B. Mohan	B.pharm & III	B. Mohan
25	G. Swapnika	B.pharm & III	G. Swapnika



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Date: 10-04-2024

Programme: Guest Lecture on "Development and Evaluation of Medicated Sprouted Candies"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
26	T. Krishnaveni	B-pharm & III rd	T. Krishna
27	M. Bindu Madhavi	B-pharm & III rd year	M. Bindu
28	N. Vijay Kumar	B-pharm and III rd year	N. Vijay Ku
29	B. Teja Sree	B-pharm & III rd year	B. Teja Sree
30	K. Jessie Snehittha	B-pharm & III year	Jessie Snehittha
31	S. Sathvika	B-pharm & III year	Sathvika
32	C. Ramadevi	B-pharm & III year	Ramadevi
33	S.K. Karimulla	B-pharm & III year	Karimulla
34	S.K. Mujabur Rehman	B-pharm & III year	Rehman
35	S.K. Irfan	B-pharm & III rd year	S.K. Irfan
36	G.H. Ravi Kumar	B-pharm & III rd year	Ravi
37	G. Purni Reddy	B-pharm & III rd year	G. Purni Reddy
38	T. Tejaswini	B-pharm & III rd year	T. Tejaswini
39	M. Akhila	B-pharm III rd year	Akhila
40	K. Aasritha	B-pharm & III rd year	Aasritha
41	K. Nagalakshmi Praveena	B-pharm III rd year	K. Praveena
42	S.K. Ashrif Amira	B-pharm III rd year	Ashrif Amira
43	R. Beulah Grace	B-pharm III rd year	R. Beulah
44	B. Sankya	B-pharm IV year	B. Sankya
45	M. Srilekha	B-pharm IV year	M. Srilekha
46	K. Jyothi	B-pharm IV year	K. Jyothi
47	S. Nagasrisha	B-pharm IV year	S. Srisha
48	S.K. Siddik	B-pharm IV year	Siddik
49	G. Lalitha Kumari	B-pharm IV-year	Lalitha
50	K. Vyshnavi	B-pharm III year	Vy



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Date: 10-04-2024

Programme: Guest Lecture on "Development and Evaluation of Medicated Sprouted Candies"

Attendance Sheet

S.No	Name of the Student	Course & Year	Signature
51.	A. Srikanth Reddy	B. pharmacy III	A. Srikanth Reddy
52	T. Nagarajuna	B. pharmacy I III	T. Nagarajuna
53	K.N.V.L padmaja	B. pharmacy III	K.N.V.L padmaja
54	A. Bhavani Satya prasad	B. pharmacy III	A. Bhavani Satya prasad
55	B. Sandhya	B. Pharmacy III	B. Sandhya
56	G. Bhargavi	B. pharmacy III	G. Bhargavi
57	K. N. L. Praveena	B. pharmacy III	K. N. L. Praveena
58	Y. Vyshnavi	B. Pharmacy III	Y. Vyshnavi
59	M. Meghana	B. pharmacy III	M. Meghana
60	K. S. Saiya	B. Pharmacy III	K. S. Saiya
61	D. Sai Sathi	B. Pharmacy III	D. Sai Sathi
62	ch. Karva	B pharmacy III	ch. Karva
63	Sriram Praveen	B pharmacy III	S. Praveen
64	G. Mohana Chari	B pharmacy III	G. Mohana Chari
65	ch. may yesu	B. pharmacy III	ch. may yesu
66	m. Alkhila	B. pharmacy III	m. Alkhila
67	K. Aasritha	B. pharmacy III	K. Aasritha
68	K. Sandhya Rani	B. pharmacy III	K. Sandhya Rani
69	M. Hemanth Reddy	B. pharm III	M. Hemanth Reddy
70	X. Bhanu prakash	B. pharm III	X. Bhanu prakash
71	SK. Karim	B. Pharm III	SK. Karim
72	P. Suswala lakshmi	B. pharmacy III	P. Suswala lakshmi
73	V. Anasuya vibhava	B. pharmacy III	V. A. V
74	m. Bindhu madhuri	B. pharm III	m. Bindhu madhuri
75	B. Sankya	B. pharm III	B. Sankya



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Date: 14-12-2023.

CIRCULAR

It is hereby informed to all the staff and students that Research and Development cell (R&D) is re-constituted on 14-12-2023 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener
3	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member
5	Mr. G. Lakshmana	Assoc. Professor	Pharmacology	Member
6	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member
7	Mr. P. Adinarayana Reddy	Asst. Professor	Pharmaceutics	Member
8	Mrs. O. Girija Kumari	Asst. Professor	Pharmaceutics	Member
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Hence R& D cell was reconstituted in the college with a dedicated team who are actively involved in various research activities.

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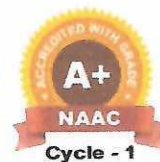
1. Chairman
2. All the Teaching and Non- teaching staff members
3. R&D cell committee members
4. Notice board

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Date: 14-12-2023.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **15-12-2023**, Friday at 3:45 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. Planning for the programmes on R&D
2. Review on previous meeting regarding publications.
3. Project Review meetings
4. Any other points with the permission of chair.

C/g
COORDINATOR
Dr. Raghavendra Kumar Gunda
(R&D CELL)
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences
Narasaraopet, Guntur - 522 601

Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board

[Signature]
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Date: 15-12-2023.

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 15-12-2023.

Proposed Agenda:

1. Planning for the programmes on R&D.
2. Review on previous meeting regarding publications.
3. Project Review meetings.
4. Any other points with the permission of chair.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener	
3	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member	
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
5	Mr. G. Lakshmana	Assoc. Professor	Pharmacology	Member	
6	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member	
7	Mr. P. Adinarayana Reddy	Asst. Professor	Pharmaceutics	Member	
8	Mrs. O. Girija Kumari	Asst. Professor	Pharmaceutics	Member	
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	


Meeting outcomes:


1. Planning for the programmes on R&D:

Committee proposed to organize a virtual/offline seminar on "Art of Presenting a Research Paper".

2. **Project Review meetings:** The committee members and the Principal reviewed all the projects which were done by both the B. Pharm, M. Pharm & Pharm. D students. Dates for the final review meeting was scheduled.
3. The meeting is concluded with reviewing all the publications done by the staff and students till now.

1	Role of Synbiotics in Gastrointestinal Disorders; Synbiotics in Human Health: Biology to Drug Delivery.	Raghavendra Kumar Gunda	Pharmaceutics	Springer Nature Singapore Pte Ltd.
2	Exploring Nano-Based Therapeutics by Quantum Computational Modeling. Drug Delivery systems using Quantum Computing.	Raghavendra Kumar Gunda	Pharmaceutics	Scrivener Publishing Beverly; Wiley Publications
3	Statistical Optimization and Evaluation of Extended Release Tablets for Divalproex Sodium. Current Trends in Drug Discovery, Development and Delivery	Raghavendra Kumar Gunda	Pharmaceutics	Royal Society of Chemistry
4	Transdermal Drug Delivery System: An Emphasis on Transdermal Patches.	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Pharm Drug Reg Aff J
5	Niosomes: A Novel Drug Delivery System	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Pharm Sci
6	Microspheres- A Review	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Pharm Sci
7	A Short Review on Transdermal Drug Delivery Systems	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Pharm Sci
8	A Short Review on Sustained Release Tablets	Raghavendra Kumar Gunda J.N. Suresh Kumar	Pharmaceutics	Pharm Sci
9	A study on method development for detection of different viral antibodies and virus using RT-PCR Method	K. Venkata Gopaiah	Pharmaceutics	World J Pharm Res
10	Formulation and Evaluation of Cefuroxime Oral Suspension for pediatrics	K. Venkata Gopaiah	Pharmaceutics	Int J Curr Inn Adv Res


Dr. Raghavendra Kumar Gunda
 M Pharm Ph D FCEM
 Associate Professor, BoR Member
 Dept of Pharmaceutics,
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Action taken Report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1	Conduct of seminars	Seminars were organized on R&D Activities: 1. Art and Science of Writing A Research Paper. 2. Research: Design, Execution and Publication.
2	Project review meetings	Review meeting dates was finalized and the circular was posted in the students groups for information.
3	Books/ Books Chapter (Published)	1. Role of Synbiotics in Gastrointestinal Disorders; Synbiotics in Human Health: Biology to Drug Delivery. 2. Exploring Nano-Based Therapeutics by Quantum Computational Modeling. Drug Delivery systems using Quantum Computing. 3. Statistical Optimization and Evaluation of Extended Release Tablets for Divalproex Sodium. Current Trends in Drug Discovery, Development and Delivery.

**COORDINATOR****(R&D CELL)****Dr. Raghavendra Kumar Gunda**

M Pharm Ph D FCEM

Associate Professor, BoR Member

Dept of Pharmaceutics,

Narasaraopeta Institute of Pharmaceutical Sciences

Narasaraopet, Guntur - 522 601


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Date: 16-12-2022.

C I R C U L A R

It is hereby informed to all the staff and students that Research and Development cell (R&D) is re-constituted on 16-12-2022 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:


S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener
3	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member
5	Mr. N. Kodanda Ram	Assoc. Professor	Pharmacology	Member
6	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member
7	Dr. S. Bhavya	Asst. Professor	Pharmacy Practice	Member
8	Mr. P.N.M. Kamal	Asst. Professor	Pharmaceutics	Member
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Hence R&D cell was reconstituted in the college with a dedicated team who are actively involved in various research activities.

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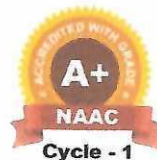
1. Chairman
2. All the Teaching and Non-teaching staff members
3. R&D cell committee members
4. Notice board


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Date: 15-06-2023.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **16-06-2023**, Friday at 3:15 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. Review on previous publications done in the academic year 2022-23.
2. About the filing of patents.
3. About Publishing in Indexed Journals with special emphasis on impact factor.
4. Improving research writing skills and h-index.
5. Any other points with the permission of chair.

Csk
COORDINATOR
Dr. Raghavendra Kumar Gunda
(R&D CELL) M. Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
Narasaraopeta Institute of Pharmaceutical Sciences,
Narasaraopet, Guntur - 522 601

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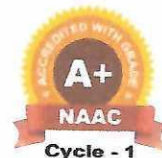
1. Chairman
2. R&D cell committee members & the other staff
3. Notice board

[Signature]
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Date: 16-06-2023.

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 16-06-2023.

Proposed Agenda:

1. About the filing of patents.
2. About Publishing in Indexed Journals with special emphasis on impact factor.
3. Improving research writing skills and h-index.
4. Review on previous publications done in the academic year 2022-23.
5. Any other points with the permission of chair.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. Raghavendra Kumar Gunda	Assoc. Professor	Pharmaceutics	Convener	
3	Dr. K. Venkata Gopaiah	Assoc. Professor	Pharmaceutics	Member	
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
5	Mr. N. Kodanda Ram	Assoc. Professor	Pharmacology	Member	
6	Mrs. M. Ramya Teja	Assoc. Professor	Pharmaceutics	Member	
7	Dr. S. Bhavya	Asst. Professor	Pharmacy Practice	Member	
8	Mr. P.N.M. Kamal	Asst. Professor	Pharmaceutics	Member	
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	

Meeting outcomes:


1. **About the filing of patents:** Committee members discussed about the filing of patents and documentation in the IPR cell.
2. **About Publishing papers in Indexed Journals:** Principal suggested that to guide the students to publish their thesis work in the Scopus indexed or UGC care approved journals with good impact factor.
3. **Improving research writing skills and h-index:** Committee members suggested, how to improve research write up and manuscript handling skills. Further discussed on h-index, i-10 index for improving researcher profile.
4. **Review on the publications done in the academic year 2022-2023:**
Principal and all the committee members reviewed the publications done by the staff and students till now.


S.No	Title	Name of the Author	Department	Journal Name
1	Statistical Optimization and Assessment of Divalproex sodium Extended Release tablets	Raghavendra Kumar Gunda	Pharmaceutics	Indian Drugs
		J.N. Suresh Kumar		
2	Development and characterization of felodipine fast dissolving tablets	Raghavendra Kumar Gunda	Pharmaceutics	Drug Discovery
		J.N. Suresh Kumar		
3	A Review on Formulation and Evaluation of Liposomal Drugs	Raghavendra Kumar Gunda	Pharmaceutics	Bri J Multi Adv Sci
		J.N. Suresh Kumar		
4	Pharmacological Evaluation of Nootropic and Neuroprotective Activity of Sesbania grandiflora extracts rats	Raghavendra Kumar Gunda	Pharmaceutics	Bull Pharm Sci Assiut
5	Formulation development and evaluation of oral dissolving films- A Review	Raghavendra Kumar Gunda	Pharmaceutics	J Ana Pharm Res
		J.N. Suresh Kumar		
6	Formulation development and evaluation of Fast Disintegrating Tablets- A Review	Raghavendra Kumar Gunda	Pharmaceutics	Drug Des Int Prop Int Journal
		J.N. Suresh Kumar		
7	Development and Characterization of Lansoprazole Fast Dissolving Tablets	Raghavendra Kumar Gunda	Pharmaceutics	High Techy Let
8	Effect of Combination superdisintegrants on the drug delivery of Lansoprazole	Raghavendra Kumar Gunda	Pharmaceutics	J Xidian Univ
9	Phytochemical Screening and Evaluation of Hepatoprotective Activity of Spilanthes acmella on paracetamol-induced liver toxicity	Raghavendra Kumar Gunda	Pharmaceutics	High Techy Let
10	Design, Development, Optimization and Evaluation of Ranolazine ER Tablets	Raghavendra Kumar Gunda	Pharmaceutics	Turkish J Pharm Sci
11	A short Review on Microspheres	Raghavendra Kumar Gunda	Pharmaceutics	ANU J Pharm Tech Res
		J.N. Suresh Kumar		
12	A study on the Diagnostic methods of Scrub Typhus comparatively	K. Venkata Gopaiah	Pharmaceutics	Int J Sci Res Eng Manag
13	Diagnosing the Correlation of NS1 Antigen Titres with severity of dengue Fever in Children	K. Venkata Gopaiah	Pharmaceutics	World J Pharm Pharm Res
		J.N. Suresh Kumar		
14	A study on Method Development for detection of Different Viral Antibodies and virus by using RT-PCR Method	K. Venkata Gopaiah	Pharmaceutics	World J Pharm Res
15	Anti-Asthmatic, Antioxidant and Anti-Inflammatory Activities of Ethanolic Extract from Alpinia Calcarta	K. Venkata Gopaiah	Pharmaceutics	World J Pharm Pharm Res
16	A Clinical study on chronic obstructive pulmonary disorder	K. Venkata Gopaiah	Pharmaceutics	J Emer Tech Inn Res

Dr. Raghavendra Kumar Gunda
M Pharm Ph D FCEM
Associate Professor, BoR Member
Dept of Pharmaceutics,
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17	A Simultaneous RP-HPLC estimation for stability indicating of bulk drug in solid dosageform of Metformin, Dapagliflozin, saxagliptin	K. Venkata Gopaiah	Pharmaceutics	Int J Res Anal Rev
18	Formulation & evaluation of cyclodextrin complexed tablets by enhancing the dissolution rate	K. Venkata Gopaiah	Pharmaceutics	J Inn App Pharm Sci
19	Synthesis of Aryl and Aliphatic 2-Substituted Benzimidazole Derivatives	Kasturi.M	Pharm.Chemistry	Int Inn Res Tech
		J.N. Suresh Kumar	Pharmaceutics	
20	A review on some of the green synthesis of indolizine docking activities	Kasturi.M	Pharm.Chemistry	Int J Res Ana Rev
		J.N. Suresh Kumar	Pharmaceutics	
21	A Prospective Observational Study on the Effectiveness of Supra bioavailable Itraconazole (SUBA) with Conventional Itraconazole in Dermatophytosis	Sk. Mulla Mobin	Pharmacy Practice	World J Pharm Pharm Sci
		J.N. Suresh Kumar	Pharmaceutics	
22	A Review for Estimation of Acyclovir Drug Using Different Analytical Methods	Ramakrishna M	Pharm. Analysis	J Glob Tre Pharm Sci
		J.N. Suresh Kumar	Pharmaceutics	
23	A Review on Microsphere Drug Delivery System and its Applications	M. Ramya Teja	Pharmaceutics	Int J Enh Res Edu Dev
		V. Swathi	Pharmacology	
24	Challenges and Opportunities in Pharmacovigilance- A Review	V. Swathi	Pharmacology	World J Pharm Res
25	In-silico pharmacological screening of structurally modified Diclofenac derivatives against peripheral pain	V. Swathi	Pharmacology	Int J Pharm Res App
		J.N. Suresh Kumar	Pharmaceutics	
26	Evaluation of anti-gastric cancer of ethanol extract of calycophyllum spruceanum against methyl nitroso ureas- NaCl induced gastric cancer in experimental rats	V. Swathi	Pharmacology	World J Pharm Sci



Dr. Raghavendra Kumar Gunda
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Action taken Report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Publication Submission	Articles were received from both the staff and students for documentation in the R&D cell. List enclosed
2.	Books/ Books Chapter	Information collected from Faculty who are showing interest in writing Books/ Books chapters related to current advancements in their respective fields.


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(R&D CELL)
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Date: 25-03-2022.

C I R C U L A R

It is hereby informed to all the staff and students that Research and Development cell (R&D) is re-constituted on 25-03-2022 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Convener
3	Dr. T. Vijay Bhaskara Reddy	Professor	Pharmaceutics	Member
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member
5	Mr. N. Kodanda Ram	Assoc. Professor	Pharmacology	Member
6	Mr. B. Surendra Babu	Asst. Professor	Pharmaceutics	Member
7	Mr. Sd. Gouse Firoz	Assoc. Professor	Pharmaceutics	Member
8	Mr. P. N. M. Kamal	Asst. Professor	Pharmaceutics	Member
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Copy to:

1. Chairman
2. All the Teaching and Non- teaching staff members
3. R&D cell committee members
4. Notice board

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Bhavya Sai
Surendra Babu
Koteswara Rao
Ujjan Kumar



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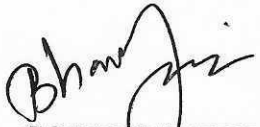
Date: 08-06-2022.


C I R C U L A R

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **10-06-2022**, Friday at 3:15 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. Planning for the Virtual seminar on R&D
2. Project Review meetings
3. Any other points with the permission of chair


COORDINATOR
(R&D CELL)


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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board










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Date: 10-06-2022.

RESEARCH & DEVELOPMENT CELL (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 10-06-2022.

Proposed Agenda:

1. Planning for the Virtual seminar on R&D
2. Project Review meetings
3. Any other points with the permission of chair

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Convener	
3	Dr. T. Vijay Bhaskara Reddy	Professor	Pharmaceutics	Member	
4	Dr. B. Satya Prasad	Assoc. Professor	Ph. Analysis	Member	
5	Mr. N. Kodanda Ram	Assoc. Professor	Pharmacology	Member	
6	Mr. B. Surendra Babu	Asst. Professor	Pharmaceutics	Member	
7	Mr. Sd. Gouse Firoz	Assoc. Professor	Pharmaceutics	Member	
8	Mr. P. N. M. Kamal	Asst. Professor	Pharmaceutics	Member	
9	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	

Meeting outcomes:

1. Planning for the Virtual seminar on R&D:


Committee proposed to organize a virtual seminar on 25-06-2022 with the title "Pharma R&D- Innovation.


2. **Project Review meetings:** The committee members and the principal reviewed all the projects which were done by both the B. Pharm, M. Pharm & Pharm. D students. Dates for the final review meeting was scheduled.

3. Further discussed about IPR and patents filing and publication under the IPR cell.

Action taken Report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Proposed to organize a Virtual seminar on 25-06-2022.	Circular was circulated to all the staff and students. Programme report, student feedback report were collected from the organizers and documented in the cell.
2.	Project review meetings	Review meeting dates was finalized and the circular was posted in the students groups for information.


COORDINATOR
(R&D CELL)


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Cycle - 1

6.3.4 Number of Teachers Undergoing Online/Face to Face Faculty Development Programmes (FDP) During the Year (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course

A.Y. 2022-2023

Name of teacher who attended	Title of the Program	Duration (from – to) (DD-MM-YYYY)
Dr. G. Raghavendra Kumar	Six Days e-Faculty Development Program on The Art and Science of Writing A Research Paper	17 oct 2022 to 22 oct 2022
Dr. SK. Mulla Mobin	Advanced Academic Training Programme on Patient centred Standards, A pharmacist Prespective: As Per NABH Standards	5 dec2022 to 10 dec 2022
Dr. SK. Farahan Subahan	Advanced Academic Training Programme on Patient centred Standards, A pharmacist Prespective: As Per NABH Standards	5 dec2022 to 10 dec 2022
Mr. P. Lazaru	Certificate Course Basics of IPR Course	15 Feb 2023 to 21 Feb 2023
Dr. K. Venkata Gopaiah	One Week Faculty Development on Artificial Intelligence in Pharmaceutical Research and Drug Development	27 Feb 2023 to 4 Mar 2023
Dr. A. Manikanta	National Level Virtual Faculty Development Programme on Positioning of Essentials for Perception on Inspirational Teaching and Research for Novice Faculty in Pharmacy	4 Apr 2023-25 Apr 2023

Mr.M. Rama Krishna	National Level Virtual Faculty Development Programme on Positioning of Essentials for Perception on Inspirational Teaching and Research for Novice Faculty in Pharmacy	4 Apr 2023-25 Apr 2023
Dr. S. Bhavya Sai	National Level Virtual Faculty Development Programme on Positioning of Essentials for Perception on Inspirational Teaching and Research for Novice Faculty in Pharmacy	4 Apr 2023-25 Apr 2023


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Date: 13-11-2021.

CIRCULAR

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **15-11-2021**, Monday at 3:15pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. Planning for the programmes on R&D for 2020-2021.
2. Conduct of competitions on Innovative Thoughts.
3. Any other points with the permission of chair.


COORDINATOR
(R&D CELL)


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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board












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Date: 15-11-2021.

INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:15 pm on 15-11-2021.

Proposed Agenda:

1. Planning for the programmes on R&D for 2020-2021.
2. Conduct of competitions on Innovative Thoughts.
3. Any other points with the permission of chair.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Dr. Hari Raghu Ram Desu	Professor	Pharmaceutics	Convener	
3.	Mr. K. Hariprasath	Assoc. Professor	Pharmacy Practice	Member	
4.	Mr. Sk. Abdul Saleem	Asst. Professor	Pharmacology	Member	
5.	Mr. P. Lingeswara Rao	Assoc. Professor	Ph. Analysis	Member	
6.	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Member	
7.	Mr. Sd. Gouse Firoz	Asst. Professor	Pharmaceutics	Member	
8.	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	
9.	Ms. G. Sindhu Sravanthi	Asst. Professor	Pharmaceutics	Member	

Meeting outcomes:

1. **Planning for the programmes on R&D for 2020-2021 by the cell:**

The committee planned to organize a Guest lecture on "Pre-clinical animal models in Pharmaceutical discovery and development- its evaluation" on 29/11/2021 by Mr. N. Kodndaram. Principal appreciated the contribution of members in organizing the activities.

2. **Conduct of competitions on Innovative Thoughts:**

To bring out the innovative ideas from the students one of the faculty member suggested to conduct competition on Innovative ideas. Committee received and planned to conduct in the month of December because of the schedule.

3. Review on the publications done during 2020-2021:

Drug Utilization Evaluation on Antibiotics in ICU by Using WHO Indicators – A Prospective observational Study	K. Hariprasath	Department of Pharmacy Practice	IOSR JOURNAL OF PHARMACY AND BIOLOGICAL SCIENCES (IOSR-JPBS)
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Insilico Design on Novel 1-(2-Methyl)-1,3-Dioxalan-2yl) Piperazine Derivatives as Anti-Alzheimer Agents Targeting Ache Complexed With E2020 Along With ADME Studies	Perli. Mounika	Department of Pharmaceutical chemistry	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS - IJCRT
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
A Prospective Observational Study on Non- Communicable Disease Risk factors in Family Members of Patient With Chronic Kidney Disease	Mr. K. Hari Prasath	Department of Pharmacy Practice	INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH (IJSR)
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Development and Validation of U.V Method for the Estimation of Dasatinib in the Tablet Formulation	Mr. M. Ramakrishna	Department of Pharmaceutical Analysis	INTERNATIONAL JOURNAL OF ALL RESEARCH EDUCATION AND SCIENTIFIC METHODS (IJARESM)
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	

Action taken report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Proposed to organize a Seminar for the academic period 2020-2021.	“Pre-clinical animal models in Pharmaceutical discovery and development- its evaluation” on 29/11/2021.
2.	Conduct of competition to bring out the Innovative thoughts from the students.	A programme named “ Innovation- Give wings to your Imagination ” was organized on 08-12-2021.

Ram
COORDINATOR
(R&D CELL)

[Signature]
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Date: 27-07-2020.

C I R C U L A R

All the staff members are hereby informed that due to the COVID pandemic situations Research & Development cell is going to conduct the online meeting on **28-07-2020**, Tuesday at 11:00 am through google meet platform. All the committee members shall install the google meet app and make necessary arrangements to attend the meeting without any interruptions.

Proposed Agenda:

1. Planning for the programmes on R&D for 2020-2021 by the cell
2. Review on ongoing project works
3. Any other points with the permission of chair

Ram
COORDINATOR
(R&D CELL)

[Signature]
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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board

[Signatures]
[Signature] *[Signature]* *[Signature]*
[Signature] *[Signature]* *[Signature]*



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Date: 28-07-2020.

INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

Minutes of meeting

The meeting of Research & Development cell held at 11:00 am on 28-07-2020 through online google meet platform.

Proposed Agenda:

1. Planning for the programmes on R&D for 2020-2021 by the cell
2. Review on ongoing project works
3. Discussion on patents applications filed/ to be filed

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Dr. Hari Raghu Ram Desu	Professor	Pharmaceutics	Convener	
3.	Mr. K. Hariprasath	Assoc. Professor	Pharmacy Practice	Member	
4.	Mr. Sk. Abdul Saleem	Asst. Professor	Pharmacology	Member	
5.	Mr. P. Lingeswara Rao	Assoc. Professor	Ph. Analysis	Member	
6.	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Member	
7.	Mr. Sd. Gouse Firoz	Asst. Professor	Pharmaceutics	Member	
8.	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	
9.	Ms. G. Sindhu Sravanthi	Asst. Professor	Pharmaceutics	Member	

Meeting outcomes:

1. Planning for the programmes on R&D for 2020-2021 by the cell:

Members expressed their cooperation for organizing online webinars for the benefit of faculty and students.

2. Discussion on patents applications filed/ to be filed:


The principal instructed the staff to work more on filing of patents. He instructed the IPR cell to organize an interactive session with the patent officers through online mode to get a clear picture about the patenting procedures, funding requirements.

3. Meetings will be held periodically with the faculty to discuss new ideas and innovations generated by the faculty in the course of the teaching-learning process.

Action taken:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Proposed to organize a Webinar for the academic period 2020-2021.	Communicated with the resource person and the date was finalized to organize a webinar.
2.	Review on ongoing project works	Online review will be conducted.

Ram
COORDINATOR
(R&D CELL)


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Date: 20-04-2019.

C I R C U L A R

It is hereby informed to all the staff and students that Research and Development cell (R&D) is re-constituted on 20-04-2019 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2.	Dr. Hari Raghu Ram Desu	Professor	Pharmaceutics	Convener
3.	Mr. K. Hariprasath	Assoc. Professor	Pharmacy Practice	Member
4.	Mr. Sk. Abdul Saleem	Asst. Professor	Pharmacology	Member
5.	Mr. P. Lingeswara Rao	Assoc. Professor	Ph. Analysis	Member
6.	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Member
7.	Mr. Sd. Gouse Firoz	Asst. Professor	Pharmaceutics	Member
8.	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member
9.	Ms. G. Sindhu Sravanthi	Asst. Professor	Pharmaceutics	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Copy to:

1. Chairman
2. All the Teaching and Non- teaching staff members
3. R&D cell committee members
4. Notice board

[Handwritten signatures and initials]
S. Bhavya Sai
H. Koteswara Rao
S. Sindhu
J. G. S.

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Date: 28-11-2019.

C I R C U L A R

All the staff members are hereby informed that Research & Development cell is going to conduct the meeting on **30-11-2019**, Saturday at 3:55 pm in the Principal chamber. All the committee members shall attend the meeting without fail.


Proposed Agenda:

1. Review on the seminars which have been conducted
2. Ph.D. registration
3. Discussion about the thesis publication
4. Any other points with the permission of the chair


COORDINATOR
(R&D CELL)

Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board


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Date: 30-11-2019.

INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:55 pm on 30-11-2019.

Proposed Agenda:

1. Review on the seminars which have been conducted
2. Ph.D. registration
3. Discussion about the thesis publication
4. Any other points with the permission of the chair

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Dr. Hari Raghu Ram Desu	Professor	Pharmaceutics	Convener	
3.	Mr. K. Hariprasath	Assoc. Professor	Pharmacy Practice	Member	KHP
4.	Mr. Sk. Abdul Saleem	Asst. Professor	Pharmacology	Member	
5.	Mr. P. Lingeswara Rao	Assoc. Professor	Ph. Analysis	Member	
6.	Dr. S. Bhavya Sai	Asst. Professor	Pharmacy Practice	Member	
7.	Mr. Sd. Gouse Firoz	Asst. Professor	Pharmaceutics	Member	
8.	Mr. M. Koteswara Rao	Asst. Professor	Ph. Chemistry	Member	
9.	Ms. G. Sindhu Sravanthi	Asst. Professor	Pharmaceutics	Member	

Meeting outcomes:

1. The principal and all the other members reviewed the seminars conducted and appreciated the contributions of the organizing members. The committee members were planned to organize more activities which will improve the research culture in the college.
2. Principal instructed the committee members to conduct the competitions like poster presentations, Innovations which promote the competitive spirit and innovative thoughts in the students.

3. The committee asked the faculty who have registered for the Ph.D. programme to submit their registration certificate and also the Ph. D. guides to submit the guideship letter to the cell.
4. The meeting is concluded with reviewing all the publications done by the staff in the academic year 2019-2020.

A Comparative Study on Efficacy of Levetiracetam With Other Antiepileptic Drugs by Assessing Behavioural and Cognitive Changes Using DSM-V And MMSE Scales	Dr. S. Bhavya Sai	Department of Pharmacy practice	WORLD JOURNAL OF PHARMACEUTICAL RESEARCH
Adverse Drug Reactions to Cancer Chemotherapy: The Role of Clinical Pharmacist in Onco-Pharmacovigilance	Dr. S. Bhavya Sai	Department of Pharmacy practice	IOSR JOURNAL OF PHARMACY AND BIOLOGICAL SCIENCES (IOSR-JPBS)
A Novel UV Method for Estimation of Edoxaban Tosylate in Pure and Pharmaceutical Formulations	M. Rama Krishna	Department of Pharmaceutical analysis	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL RESEARCH
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Formulation, Optimization and Evaluation of Glibenclamide Transdermal Patches by Using Chitosan Polymer	Mrs. AVS Madhu latha	Department of Pharmaceutics	ASIAN JOURNAL OF PHARMACY AND TECHNOLOGY
	T. N. V. Ravi Kiran	Department of Pharmaceutical chemistry	
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Repositioning Drugs	AVS Madhu Latha	Department of Pharmaceutics	ASIAN JOURNAL OF PHARMACEUTICAL RESEARCH

Action taken:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Conduct of seminars for the academic year 2019-2020.	3 seminars was organized on R&D activities. 1. A seminar on "Artificial Intelligence in drug Discovery and Development" on 29/08/2019. 2. Webinar on "Recent Advances in Clinical Research" on 26-10-2019. 3. A seminar on "Systemic Review- a Power House of Review in Decision Making" on 29/08/2019.
2.	Guideship letters	University approval letter were received from the faculty who acts a guide for Ph.D. scholars.

Ram
**COORDINATOR
(R&D CELL)**

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Guntur (Dt.), A.P



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Date: 30-07-2018.


CIRCULAR

It is hereby informed to all staff members that Research and Development (R&D) cell is going to conduct the meeting on 31-07-2018, Tuesday at 4:10 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Proposed Agenda:

1. About the conduct of R&D activities for the academic year 2018-2019.
2. Review on the publications done during 2017-2018.
3. Allotment of Pharm D projects.
4. Strengthening of research activities in the college.


COORDINATOR
(R&D CELL)


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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board





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Date: 31-07-2018.

RESEARCH AND DEVELOPMENT (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 4:10 pm on 31-07-2018.

Proposed Agenda:

1. About the conduct of R&D activities for the academic year 2018-2019.
2. Review on the publications done during 2017-2018.
3. Allotment of Pharm D projects.
4. Strengthening of research activities in the college.

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Mrs. G. Swaroopa Rani	Assoc. Professor	Pharmacology	Convener	
3.	Dr. T.N.V. Praveen Kumar	Assoc. Professor	Pharmacy Practice	Member	
4.	Mr. G. Venkateswarlu	Assoc. Professor	Pharmacology	Member	
5.	Mr. G. Raghavendra	Asst. Professor	Pharmaceutics	Member	
6.	Mr. S.V. Siva	Assoc. Professor	Ph. Analysis	Member	
7.	Mr. G. Sreenivasa Reddy	Asst. Professor	Pharmaceutics	Member	
8.	Mr. K. Naga Prasanth	Assoc. Professor	Ph. Chemistry	Member	
9.	Mrs. Y. Ratna Kumari	Asst. Professor	Pharmacognosy	Member	

Meeting outcomes:


1. The committee planned to organize 2 guest lectures on R&D activities for the academic year 2018-2019. Resource persons and dates need to be finalized.
2. Principal appreciated the staff members for their active involvement in research activities and also suggested the faculty to register for the Ph.D.
3. He explained the procedures for filing of patent to the research work done by the students.

4. Pharm D projects were allotted and the guides list were circulated among the committee members and also to all the staff.

Action taken report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Conduct of seminars related to R& D activities for the academic year 2018-2019.	Organizing members were communicated with the resource persons and successfully conducted the seminars on 03/08/2018 & 08/02/2019.
2.	Review on R&D activities done till now.	Principal expressed about his worries for less number of activities so far. He asked the committee members to concentrate more on the activities and the publications.
3.	About the extension activities	It is discussed to increase the outreach programmes done which helps to improve the social responsibility among the students.


COORDINATOR
(R&D CELL)


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Date: 14-06-2017.

C I R C U L A R

It is hereby informed to all staff members that Research and Development (R&D) cell is going to conduct the meeting on **15-06-2017**, Thursday at 3:55pm in the Principal chamber. All the committee members shall attend the meeting without fail.

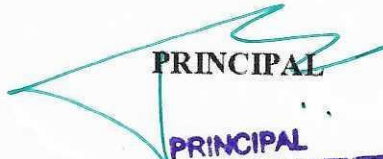
Proposed Agenda:

1. Review on previous meeting
2. About the conduct of seminars
3. Review on the publications done in the academic year 2016-2017.
4. About the filing of patents


COORDINATOR
(R&D CELL)

Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board


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G. Narasimha Murthy, A.P.





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Date: 15-06-2017.

RESEARCH AND DEVELOPMENT (R&D) CELL

Minutes of meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 3:55pm on 15/06/2017.

Proposed Agenda:

1. Review on previous meeting
2. About the conduct of seminars
3. Review on the publications done in the academic year 2016-2017.
4. About the filing of patents

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Mrs. G. Swaroopa Rani	Assoc. Professor	Pharmacology	Convener	
3.	Dr. T.N.V. Praveen Kumar	Assoc. Professor	Pharmacy Practice	Member	
4.	Mr. G. Venkateswarlu	Assoc. Professor	Pharmacology	Member	
5.	Mr. G. Raghavendra	Asst. Professor	Pharmaceutics	Member	
6.	Mr. S.V. Siva	Assoc. Professor	Ph. Analysis	Member	
7.	Mr. G. Sreenivasa Reddy	Asst. Professor	Pharmaceutics	Member	
8.	Mr. K. Naga Prasanth	Assoc. Professor	Ph. Chemistry	Member	
9.	Mrs. Y. Ratna Kumari	Asst. Professor	Pharmacognosy	Member	

Meeting outcomes:

1. **Review on previous meeting:** Committee members reviewed the publications done by the staff and students in the last academic year.
2. **About the conduct of seminars:**

Members expressed their cooperation for organizing the upcoming seminars. Committee decided to organize a one day programme on the topics Research writing, New drug development.

3. Review on the publications done in the academic year 2016-2017:

Principal and all the committee members review the publications done by the staff and students till now. Principal suggested that to guide the students to publish their thesis work in the Scopus indexed or UGC care approved journals.


A Review on Significance of Probiotics in GI Diseases	V. Satya Narayana	Department of Pharmacy practice	AMERICAN JOURNAL OF PHARMTECH RESEARCH (AJPTR)
A Review on Significance of Risk Assessment in Cardiovascular Diseases	V. Satya Narayana	Department of Pharmacy practice	AMERICAN JOURNAL OF PHARMTECH RESEARCH (AJPTR)
Review on Epidemiological Study of Antibiotic Consumption In Various Countries	V. Satya Narayana	Department of Pharmacy Practice	AMERICAN JOURNAL OF PHARMACY AND HEALTH RESEARCH (AJPHR)
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Progressive Multifocal Leukoencephalopathy	V. Satya Narayana	Department of Pharmacy practice	RESEARCH JOURNAL OF PHARMACY AND TECHNOLOGY (RJPT)
Antidepressant in the Chronic Pain Relief	V. Satya Narayana	Department of Pharmacy practice	INTERNATIONAL JOURNAL OF APPLIED BIOLOGY AND PHARMACEUTICAL TECHNOLOGY
	G. Raghavendra Kumar	Department of Pharmaceutics	
	Dr. J.N. Suresh Kumar	Department of Pharmaceutics	
Review on Middle East Respiratory Syndrome on Corona Virus	Dr. Rohith kumar	Department of Pharmacy practice	INDO AMERICAN JOURNAL OF PHARMACEUTICAL RESEARCH (IAJPR)
	Dr. J.N. Suresh kumar	Department of Pharmaceutics	
	V. Satyanarayana	Department of Pharmacy practice	
A Review on Management of Subclinical Hypothyroidism	V. Satyanarayana	Department of Pharmacy practice	WORLD JOURNAL OF PHARMACEUTICAL AND LIFE SCIENCES (WJLS)
Importance of Biomarkers in Diagnosis of Various Diseases	V. Satyanarayana	Department of Pharmacy practice	AMERICAN JOURNAL OF PHARMTECH RESEARCH (AJPTR)
	G. Raghavendra kumar	Department of Pharmaceutics	JOURNAL OF PHARMACY RESEARCH
	Dr. J.N. Suresh kumar	Department of Pharmaceutics	
Formulation Development and Evaluation of Carbamazepine Fast Dissolving Tablets	V. Satyanarayana	Department of Pharmacy practice	
	V. Satyanarayana	Department of Pharmacy practice	EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH (EJPMR)
	G. Raghavendra kumar	Department of Pharmaceutics	
A Review on Cardiovascular Risk of Sulfonyl Ureas in Diabetic Patients	V. Satyanarayana	Department of Pharmacy practice	
	G. Raghavendra kumar	Department of Pharmaceutics	
Formulation Development and Evaluation of Risperidone Fast Dissolving Tablets	G. Raghavendra kumar	Department of Pharmaceutics	JOURNAL OF PHARMACY RESEARCH


4. About the filing of patents:

Committee members discussed about the filing of patents and documentation in the IPR cell. Suggested the staff members to register for the Ph.D.

Action taken report:

S.NO	PROPOSED PLAN	ACTION TAKEN
1.	Conduct of seminars related to R& D activities for the academic year 2017-2018.	2 activities were done. A one day seminar was organized on 25-09-2017 with the title "New Drug Development" by Mr. Pradeep Parvatham. A one day seminar was organized on 22-01-2018 with the title " Art of Research Writing"- Speaker of the session is Dr. Anjana Male
2.	Documentation of programme reports	Committee convenor asked the programme coordinator to submit the documents related to the R&D activities to the cell on time.
3.	Publication submission	Articles were received from both the staff and students for documentation in the R&D cell.
4.	Project review meetings	Committee elected the one of the faculty as a project coordinator for the smooth conduction of the project review meetings.


COORDINATOR
(R&D CELL)


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Office of the Principal,

Date: 18-06-2016.

CIRCULAR

To nurture research culture in the college it is decided to constitute Research and Development cell and also it encourages the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. All the staff are hereby informed to attend this meeting which is going to held at principal chamber on **20-06-2016**.

Proposed Agenda:

1. About the constitution of R& D committee
2. To elect the members for the Advisory committee
3. To appoint faculty members as a members

Copy to:

1. Chairman
2. All the Teaching and Non- teaching staff
3. Notice board

(Handwritten signatures and initials)

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PRINCIPAL

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Office of the Principal,

Date: 20-06-2016.

OFFICE ORDER

Sub: Narasaraopeta Institute of Pharmaceutical Sciences (NIPS), Narasaraopeta – Constitution of Research and Development (R&D) cell – Reg.

The undersigned is pleased to constitute the **Research and Development (R&D)** cell with the following members:


S. No	Name of the Staff Member	Designation	Department	Designation in the Committee
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2.	Mrs. G. Swaroopa Rani	Assoc. Professor	Pharmacology	Convener
3.	Dr. T.N.V. Praveen Kumar	Assoc. Professor	Pharmacy Practice	Member
4.	Mr. G. Venkateswarlu	Assoc. Professor	Pharmacology	Member
5.	Mr. G. Raghavendra	Asst. Professor	Pharmaceutics	Member
6.	Mr. S.V. Siva	Assoc. Professor	Ph. Analysis	Member
7.	Mr. G. Sreenivasa Reddy	Asst. Professor	Pharmaceutics	Member
8.	Mr. K. Naga Prasanth	Assoc. Professor	Ph. Chemistry	Member
9.	Mrs. Y. Ratna Kumari	Asst. Professor	Pharmacognosy	Member

The main aim of the Research and Development Cell is to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

Hence R& D cell was constituted in the college with a dedicated team who are actively involved in various research activities.

Copy to:

1. Chairman- for Information
2. All the Teaching and Non- teaching staff
3. Members to comply with


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Office of the Principal,

Date: 20-06-2016.

C I R C U L A R

It is hereby informed to all the staff and students that the Research and Development (R&D) cell is constituted on 20-06-2016 to encourage the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. The committee members are as follows:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson
2.	Mrs. G. Swaroopa Rani	Assoc. Professor	Pharmacology	Convener
3.	Dr. T.N.V. Praveen Kumar	Assoc. Professor	Pharmacy Practice	Member
4.	Mr. G. Venkateswarlu	Assoc. Professor	Pharmacology	Member
5.	Mr. G. Raghavendra Kumar	Asst. Professor	Pharmaceutics	Member
6.	Mr. S.V. Siva	Assoc. Professor	Ph. Analysis	Member
7.	Mr. G. Sreenivasa Reddy	Asst. Professor	Pharmaceutics	Member
8.	Mr. K. Naga Prasanth	Assoc. Professor	Ph. Chemistry	Member
9.	Mrs. Y. Ratna Kumari	Asst. Professor	Pharmacognosy	Member

Copy to:

1. All the Teaching and Non- teaching staff members
2. R&D cell committee members
3. Notice board

Handwritten signatures and initials:
gjr, al, lse, praus, cu, ypr, [unclear]

Handwritten signature of the Principal
PRINCIPAL

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Date: 25-11-2016.


C I R C U L A R

It is hereby informed to all staff members that Research and Development (R&D) cell is going to conduct the meeting on **28-11-2016**, Monday at 4:00 pm in the Principal chamber. All the committee members shall attend the meeting without fail.

Agenda of the meeting:

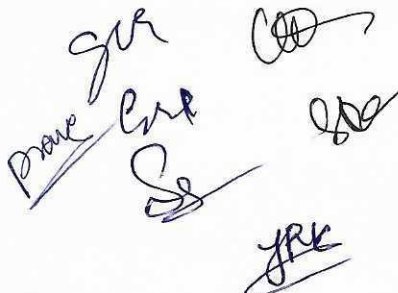
1. To discuss the policy for conduction of R&D activities
2. Discussion on project allotment to the final years of all programmes
3. Planning to organize seminars related to R&D activities


COORDINATOR
(R&D CELL)


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Copy to:

1. Chairman
2. R&D cell committee members & the other staff
3. Notice board





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Date: 28-11-2016.

RESEARCH AND DEVELOPMENT (R&D) CELL

Minutes of Meeting

The meeting of Research and Development (R&D) cell held at Principal chamber at 4:00 pm on 28-11-2016.

Agenda of the meeting:

1. To discuss the policy for conduction of R&D activities
2. Discussion on project allotment to the final years of all programmes
3. Planning to organize seminars related to R&D activities

Members Participated:

S. No	Name of the Faculty	Department	Designation	Designation in the Committee	Signature
1.	Dr. J. N. Suresh Kumar	Principal	Pharmaceutics	Chairperson	
2.	Mrs. G. Swaroopa Rani	Assoc. Professor	Pharmacology	Convener	
3.	Dr. T.N.V. Praveen Kumar	Assoc. Professor	Pharmacy Practice	Member	
4.	Mr. G. Venkateswarlu	Assoc. Professor	Pharmacology	Member	
5.	Mr. G. Raghavendra 	Asst. Professor	Pharmaceutics	Member	
6.	Mr. S.V. Siva	Assoc. Professor	Ph. Analysis	Member	
7.	Mr. G. Sreenivasa Reddy	Asst. Professor	Pharmaceutics	Member	
8.	Mr. K. Naga Prasanth	Assoc. Professor	Ph. Chemistry	Member	
9.	Mrs. Y. Ratna Kumari	Asst. Professor	Pharmacognosy	Member	

Meeting Outcomes:

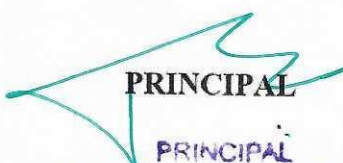
1. Discussed in detail to disseminate policy manual for the promotion of research among the faculty and students.
2. Principal Sir instructed all the faculty members to publish at least 1 research article per sem and to motivate the students to publish their thesis work in recognized journals.
3. R&D cell committee coordinator in coordination with the examination cell allotted the projects to both the UG & PG students. Coordinator instructed all the guides about the timeliness of the project submission.

4. Review meeting schedule and guidelines are to be framed.
5. All the committee members are discussed to organize the research oriented seminars/workshops/conferences to both the students and faculty.

ACTION TAKEN REPORT:

S.NO	PROPOSED AGENDA	ACTION TAKEN
1.	Circulation of policy manual	Policy manual was circulated to all the committee members, to other department staff members and documented in the cell.
2.	Project allotment	Project guides were finalized for the academic year 2016-2017.
3.	Thesis publications	All the staff were instructed to publish the thesis work and submit the article to the R&D cell immediately after publication for documentation.
4.	Documentation/ Record Keeping	All the publications done by both the faculty and students were collected and documented.


COORDINATOR
(R&D CELL)


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RESEARCH & DEVELOPMENT (R&D) CELL

POLICY DOCUMENT

AIM:

Research and Development Cell of the college is established to endorse, Synchronize and Implement Research and Development Programs and also to create upright infrastructural facilities and conducive environment to inculcate research culture.

OBJECTIVES:

- To boost up the research ability of the institute by encouraging the staff members
- To publish their research paper in reputed conferences and referred journals.
- To nurture research skills among the faculty and students.
- To be in touch with the industrial needs that results in new or improved products, processes, systems or services that can increase the company's productivity and also for benefit for the common people.
- To nurture creativity towards research among students and faculty.
- Find the budgetary obligations and assets for funding the research.

Hence, to enforce and implement ethical and quality research, NIPS has set forth certain R & D guidelines which will not only help an investigator avoid departures from accepted ethical research practice and prevent serious deviations that constitute research misconduct, but will also encourage more multidisciplinary and collaborative research.

VISION:

- To facilitate and encourage research culture among its faculty members and students.
- To be the research-intensive university in India and to be a key partner in the development and advancement of national and international research initiatives.

MISSION:

- To promote research through a range of publications, technology developments, patents, and other forms of IPR.
- To inspire researchers to be partner with us in the advancement of knowledge for the benefit of society.

COMPOSITION OF THE R & D CELL:

The R & D cell shall consist of:

S.NO	COMPOSITION	DESIGNATION
1.	External Member(s) with considerable experience in research and research administration	Advisor
2.	VC	Advisor
3.	Director, Research	Chairperson
4.	Director, Project	Member
5.	HOD's/ Faculty Members from each department	Members & 2 joint Conveners
6.	Director, IQAC	Member

QUORUM:

The R & D cell shall meet at least twice a semester and the quorum for the R&D cell meetings shall be the nearest whole number above 50% of the membership of the R&D cell. The coordinator may decide for any additional meetings as per need basis.

ACCOUNTABILITY AND REPORTING:

1. The R & D cell shall submit reports of the progress and research work being done in the University annually to the Academic Council and IQAC. The cell shall also assist the Academic Council in the performance of the Council's responsibilities in respect of the establishment and promotion of excellence in the Institute's research and development, and academic and research training activities.
2. The R & D cell shall keep the university informed about its efforts in seeking grants/funding from national and international agencies based on the research status provided by the university.
3. Progress report of the research of the student being done shall be submitted periodically or as and when called for by the university. The cell should provide consolidated information to the academic council and other relevant institutional bodies about various research and related activities viz. the various research initiatives across departments, seed grants, higher degree research etc.
4. Number of research students registered shall be informed.

RESPONSIBILITIES:

The R & D Cell shall be responsible for:

1. The development and enhancement of the Institute's research profile.

2. The protection and commercialization of the Institute's intellectual property following the IPR norms and regulations.
3. Overseeing all consultancy activities.
4. Creating awareness among faculty and staff members about various research funding schemes and their sources and how to apply for the same.
5. Promoting projects and research that can be easily identifiable with the public and helpful to the local community and community at large.
6. Promoting emerging areas of research and technological advancements.
7. Developing a conducive environment for the motivating and engaging staff with a knack for innovations and research in their respective areas of expertise.
8. Building research capacity and mentoring researchers.
9. Setting up systematic procedures for the administration of research programs.
10. Monitoring the mobilization of research funds and ensuring that they are properly utilized and accounted for.
11. Promoting and building strategic partnerships and developing funding solutions with industries/research institutions/funding agencies for progressive and advanced research.
12. Encouraging multi-disciplinary research across departments and schools.
13. Monitoring the performance in research and development of individual researchers, departments through the maintenance of a structured database of research and developmental activities.
14. Monitoring the progress of research scholars.
15. Monitoring and enhancing the quality of research projects, programs and infrastructure within college, including the training of research scholars.
16. Providing review for proposals and appointing review committee and scrutiny committee.
17. Overseeing that code of ethics in research is followed at all levels in the college.

RULES:

1. Teaching staff of all departments are encouraged to participate in Seminar/Workshop/Conference/ Orientation Programme/Refresher Course/Faculty Development Programme subject to screening of the application through Research & Development Committee.
2. This facility may be availed by a faculty member once in every semester which will not be carry forwarded.
3. Staff members who are going to present papers in conferences should give an oral presentation of their papers in their respective departments, within a month after

returning from the conference. The seminar shall be kept open to all interested and notification of the same should be sent by the HOD to all departments, IQAC, Registrar, VC and Pro-VC.

4. A register/record shall be maintained in the R&D centre to furnish the details of faculty members presenting papers in conferences, attending workshops and publishing papers in abstracted journals which will be taken into account by the management during the member's evaluation/appraisal process.
5. Application for on-duty to attend any research activity including paper presentation should be submitted to the Coordinator, R&D Center through H.O.D in the prescribed format.
6. Faculty members shall submit a detailed report on the seminar/conference attended by them to the R & D cell within a month of attending the same.
7. Faculty members who are interested to present latest publication/information in science and technologies are welcome to make presentations with prior intimation to Director, R&D.
8. The activities of the R&D centre shall be displayed on separate notice board.
9. A faculty should submit two copies of books published by him/her, during his/her tenure at the university and/or under University affiliation, to the University library for display and record keeping.

10. Journal Publications:

- The publications must be full text articles (case presentations, short papers, letters to the editor etc. not included) published in the journals covered by Science Citation Index (SCI)/ Scimago Journal Rank (SJR)/Scopus Indexed Journals/Social Science Citation Index (SSCI)/UGC CARE list indexed and Arts & Humanities Citation Index Journals; for Pharmacy - PubMed/SCOPUS/Index Medicus indexed journals.
- Faculty members are encouraged to publish papers only in reputed journals and avoid publications in un-listed paid journals.
- A maximum of two such publications in an academic year will be considered.
- Authors outside the NIPS fraternity are not entitled for this scheme.
- The faculty asking for incentive must be the first/principal author in the research paper. Full amount as per the scheme will be given to the author in a single-authored publication. The amount shall be equally divided among authors for a multi authored publication.

- In order to encourage the faculty and appreciating the long gap between acceptance and publication of the paper in acclaimed journals, the research paper published or accepted should be claimed only once (i.e. either at the time when it is accepted – with the submission of acceptance proof – or when it is published).

BOOK PUBLICATIONS: Faculty members who have taken efforts to write and publish books or monographs are encouraged and incentive will be given to the faculty member as per the cap provided:

1. If the book/chapter/monograph are contributed by more than one author, the incentive amount will be shared by all the authors equally.
2. Published chapters or monographs must have 'NIPS' as the affiliation.

APPROVAL OF RESEARCH PROPOSALS:

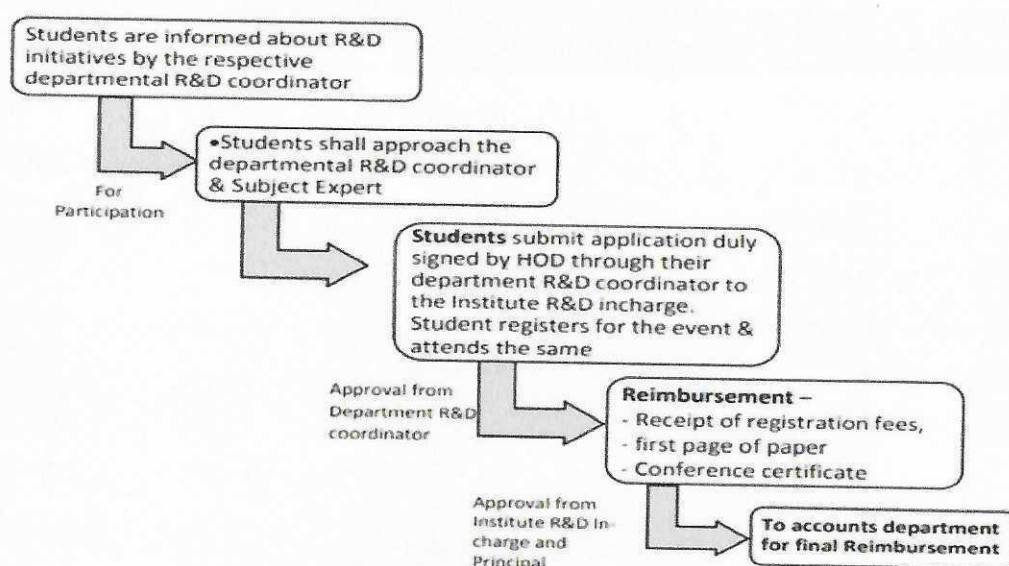
- a) The design and methodology of research undertaken by a member of staff or student, must be submitted to R&D Cell for evaluation and approval, especially if legislation, professional councils or institutions affected by the research require it.
- b) When students hand in research essays, mini-dissertations, dissertations and theses, they must declare that their research has complied with the Code of Research Ethics of NIPS

CODE OF ETHICS IN RESEARCH:

- a) Researchers at BWU are required to demonstrate intellectual and moral honesty in proposing, conducting, and reporting research.
- b) Any student, faculty member, researcher, staff should be responsible in the conduct of research, thesis, dissertation, promotion of academic integrity and prevention of misconduct including plagiarism in academic writing
- c) All members undertaking research should adhere to the University Grants Commission (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018
- d) All researchers, students, staff should open an account in URKUND via the University coordinator and get their written research documents checked for plagiarism.
- e) M.Phil./Ph.D students need to fill up a self-declaration form that the contents of the thesis/dissertation are not plagiarized, wherever required necessary citations have been given. In case, they have any doubts regarding citations, they must discuss with their research guides in detail.


- f) All researchers should be careful in making no misrepresentation in the dissemination of research information and findings and not fabricating data or information in their presentations/publications/reports.
- g) The researcher, faculty staff or student undertaking research should designate authorship of consulted research sources clearly, accurately and justly and assign authorship of research publications accurately and justly.
- h) The members must take responsibility for their actions and their commitments to research.
- i) All members undertaking research are expected to conduct themselves with the interests of the University and their own professional integrity in view and uphold the same to the scientific community and society at large. Bias, prejudice, conflict of interest or undue influence must not be permitted to supersede the professionalism of their conduct.
- j) All researchers must ensure that their personal views, convictions, previous experiences or future ambitions do not compromise the objective scientific process, the performance of their official duties or the interests of NIPS.
- k) The researchers should not resort to self-plagiarism or unexplained duplication of publication i.e., they should not publish same article in two different places. The same is applicable for abstracts.
- l) Students or faculty members while going for data collection to other institutes must carry a Letter under college letter head signed by the concerned head (guide/project director/director research) and their University ID Cards. They need to maintain a record of the institutes visited, persons interviewed/met for research data collection etc.

FINANCIAL ASSISTANCE TO STUDENTS FOR RESEARCH:



FINANCIAL ASSISTANCE TO FACULTY FOR RESEARCH:

- i.** The college provides financial support by reimbursing registration fees only for presenting papers in reputed National/International conferences held within India and for attending FDP/STTP/workshop/Seminar in other organizations in India.
- ii.** Faculty would also look for an alternate source of funding for participation in a conference viz., AICTE/UGC etc.
- iii.** The faculty can avail OD for attending the conference/FDP/STTP/workshop/Seminar. Students are informed about R&D initiatives by the respective departmental R&D coordinator.
- iv.** Students shall approach the departmental R&D coordinator & Subject Expert Students submit application duly signed by HOD through their department R&D coordinator to the Institute R&D incharge.
- v.** Student registers for the event & attends the same Reimbursement – Receipt of registration fees, - first page of paper - Conference certificate to accounts department for final Reimbursement Approval from Department R&D coordinator for Participation Approval from Institute R&D Incharge and Principal.
- vi.** The faculty should fill the required forms, get the approval and submit the same to the office before proceeding for the same.
- vii.** The total cost of organizing any technical event for student and faculty will be borne by the institute.


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