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	-		

Date	·

Mfg.Lic.No: TS/SDP/2019-50916

Date: 04-10-2021

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. KARRA SILPA is a bonafide student of Narayana Pharmacy College, Nellore-524002. She has undergone industrial training in our organization from 05th September-2021 to 04th October-2021. As part of partial fulfillment of her B. Pharmacy course bearing Hall Ticket No. 184Q1R0035.

During the training period she had interacted with Quality control, Quality Assurance & Production Departments In charges and acquired basic knowledge in these areas.

During this aforesaid period, we found her hardworking, sincere and learning attitude.

We Wish Her A Bright Future.

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002.

Hyd. Hyd. CAL



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Ref no:NPC/MOUs/1/2021-22

Date: 28-03-2022

CIRCULAR

This is to inform all the 3rd PHARM D students that a seminar by **H.BHANU PRASAD on ACCREDITATION CONSIDERATIONS FOR SUPPORTING PHARMACEUTICAL START- UPS** has been scheduled on 1-04-2022 at 11.00 am onwards in the seminar hall. Hence, 3rd PHARM D students are hereby informed that they must attend the seminar and make the programme successful.

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2. Principals Office

3.All HODs For Circulating Among The Students

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TITLE :ACCREDITATION COSIDERATIONS FOR SUPPORTING

PHARMACEUTICAL STARTS-UPS

RESOURCE PERSON: H.BHANU PRASAD

DATE : 01-04-2022

Introduction

The burgeoning field of pharmaceutical start-ups requires a structured approach to ensure they meet stringent regulatory standards and achieve market success. Accreditation plays a pivotal role in this process, providing a framework for quality assurance and operational excellence. On July 1, 2022, H. Bhanu Prasad delivered an insightful seminar at Narayana Pharmacy College, focusing on the critical accreditation considerations for supporting pharmaceutical start-ups.

key Points Discussed:

- 1. Importance of Accreditation: Accreditation is essential for pharmaceutical start-ups to ensure their products meet the necessary safety, efficacy, and quality standards. It provides a competitive edge by establishing credibility with stakeholders, including investors, regulatory bodies, and consumers.
- 2. Regulatory Compliance: Pharmaceutical start-ups must navigate a complex landscape of regulatory requirements. Accreditation helps in aligning with these regulations, ensuring that all processes, from drug development to manufacturing, adhere to international standards such as Good Manufacturing Practice (GMP) and Good Laboratory Practice (GLP).
- 3. Quality Management Systems (QMS): Implementing a robust Quality Management System is crucial for maintaining product quality and consistency. Accreditation bodies often provide guidelines for establishing QMS, which include detailed procedures for documentation, risk management, and continuous improvement.
- 4. Research and Development (R&D): Accreditation ensures that R&D activities are conducted systematically and ethically. This includes proper documentation of research protocols, data integrity, and adherence to ethical standards in clinical trials.



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5. Training and Competence: Start-ups must invest in training programs to enhance the competence of their staff. Accreditation processes often require regular training and assessments to ensure that employees are up-to-date with the latest industry standards and technological advancements.

Challenges and Solutions:

H. Bhanu Prasad also highlighted the challenges faced by pharmaceutical startups in obtaining accreditation, such as high costs, resource constraints, and the complexity of regulatory landscapes. He proposed practical solutions, including seeking mentorship from established pharmaceutical companies, leveraging government grants, and participating in industry consortia to share resources and knowledge.

Conclusion:

The seminar underscored the significance of accreditation in the growth and sustainability of pharmaceutical start-ups. H. Bhanu Prasad emphasized that achieving accreditation not only enhances the credibility and marketability of start-ups but also ensures compliance with global standards, ultimately safeguarding public health. The comprehensive insights provided during the seminar at Narayana Pharmacy College serve as a valuable guide for emerging pharmaceutical enterprises striving for excellence in their endeavours.

S. Sigathe

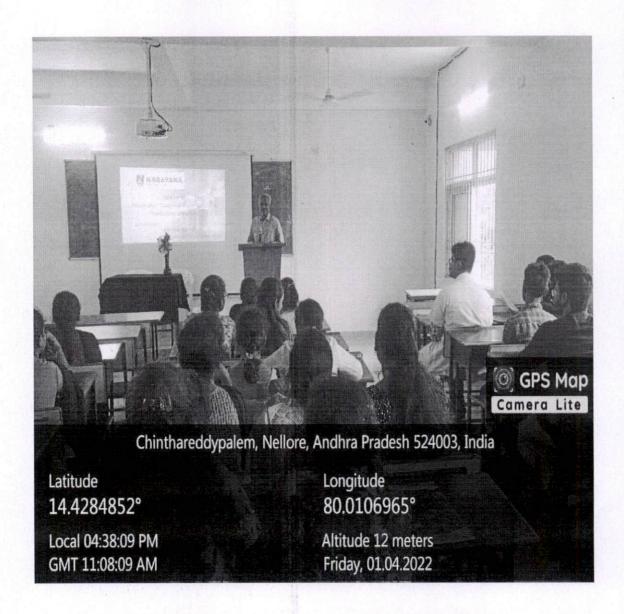


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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1.	Name of the Activity	Accredatation considerations for supporting pharmaceutical start-ups
2.	Date of the Activity	1-04-2022
3.	Place of the Activity	Narayana Pharmacy College

S.No	Hall Ticket No.	Student Name	SIGNATURE
1.	214Q1T0001	BV SUKUMAR	(Skekenner
2.	214Q1T0002	BATHULURI DHARANI	no some
3.	214Q1T0003	BOJJA MANOJ KUMAR	Marioj
4.	214Q1T0004	BOYA SASIKALA	Seilde
5.	214Q1T0005	CHENNAREDDY SUCHARITHA	Suchait
6.	214Q1T0006	CHENNAREDDY VARSHITHA	Nashita
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8.	214Q1T0008	KAMATHAM HARDHIK	Horike
9.	214Q1T0009	KODUR MOHITH GOUD	GOOD
10.	214Q1T0010	KODURU YUVA SREE	yvaga
11.	214Q1T0011	MADAKA UMESH CHANDRA	Marya
12.	214Q1T0012	MARRI VEDHAVATHI	veclearent
13.	214Q1T0013	MD SANA KAUSER	Vestoras
14.	214Q1T0014	MOHAMMED FIRDOSE	Gi Stole
15.	214Q1T0015	MUPPALA SIRISHA	sisier
16.	214Q1T0016	MURALA BHAVYA SRI	Ranglest
17.	214Q1T0017	MUTHUMULA SAI LAKSHMI	berghon
18.	214Q1T0018	NANDIMANDALAM SWATHI	Sudhi
19.	214Q1T0019	NAPA KAVYA PRIYA	Karga
20.	214Q1T0020	PADUCHURI SAI TEJA	Jesa
21.	214Q1T0021	PATNAM KAMAL KUMAR	Kamal
22.	214Q1T0022	PITTI BHANU TEJA SAI	Baneippe
23.	214Q1T0023	PUVVADA SAI NIKITHA	Sai nikit
24.	214Q1T0024	SAVALA RECHAL JYOTHI	200 Cik
25.	214Q1T0025	SHAIK FOUZIYA	, 0



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26.	214Q1T0026	SHAIK RUKSANA	py
27.	214Q1T0027	SUDHAKAR TEJASREE	refarre
28.	214Q1T0028	SYED BASEEN BANU	Den
29.	214Q1T0029	SYED VASEEMA	vaseema
30.	214Q1T0030	TALAPANENI BHARATH KUMAR	Bhorath
31.	214Q1T0031	THADI NISSI HAVELAH	-124
32.	214Q1T0032	THATIPARTHI PRANATHI	PRavathi
33.	214Q1T0033	VENKATAGIRI MOUNICA	nounce
34.	204Q1T0009	GURAJALA SUJITH BABU	Styller
35.	204Q1T0025	SANDHIYA K	Solding



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Ref no:NPC/MOUs/2/2021-22

Date: 21/03/2022

CIRCULAR

To: 4th Year Pharm.D Students

Subject: Seminar on "Pharmacy and Public Health: Careers that Create Positive Change"

Dear Students,

We are excited to announce a seminar titled "Pharmacy and Public Health: Careers that Create Positive Change," featuring Dr. K. Vidhyadhar from CHIPS College, Guntur. The seminar is scheduled for 23rd March 2022 at 10:00am in Seminor hall. This seminar will explore how careers in pharmacy can significantly impact public health and contribute to positive societal outcomes. Dr. Vidhyadhar will provide valuable insights into the various career paths within the field of pharmacy that play a crucial role in improving public health. Your participation in this seminar is highly encouraged as it will enrich your understanding and open up new perspectives on how you can make a meaningful difference in public health through your career. All the above students attend the seminar.

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Program Report

Title: Pharmacy and Public Health: Careers that Create Positive Change

Speaker: Dr. K. Vidhyadhar, CHIPS College, Guntur

Date: 23rd March 2022

Venue:Seminor hall

Time: 10am

Introduction:

On 23rd March 2022, a seminar titled "Pharmacy and Public Health: Careers that Create Positive Change" was conducted for the 4th Year Pharm.D students at [Insert Institution]. Dr. K. Vidhyadhar from CHIPS College, Guntur, delivered a compelling presentation on the crucial intersection between pharmacy and public health, highlighting how various career paths in pharmacy can contribute to meaningful improvements in public health outcomes.

Objective:

The primary goal of the seminar was to provide students with a deeper understanding of the diverse career opportunities available in pharmacy that have a significant impact on public health. Dr. Vidhyadhar aimed to inspire students by illustrating how their future roles as pharmacists could drive positive change in communities and public health systems.

Summary of the Seminar:

The seminar began with a welcome address by [Insert Host's Name], who introduced Dr. Vidhyadhar and outlined the seminar's objectives. Dr. Vidhyadhar then proceeded to deliver his presentation, covering the following key areas:



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- Pharmacy's Role in Public Health: Dr. Vidhyadhar started by explaining the
 integral role that pharmacy plays in public health. He discussed how pharmacists
 contribute to the prevention, management, and treatment of diseases, thereby
 enhancing overall community health. He emphasized that pharmacists are not just
 medication experts but also vital public health advocates.
- 2. Career Pathways in Pharmacy with a Public Health Focus: The speaker outlined various career paths within pharmacy that directly impact public health, including roles in public health agencies, community health programs, and research. He provided examples of how pharmacists work in areas such as epidemiology, health policy, and patient education to address public health challenges.
- 3. Case Studies and Success Stories: Dr. Vidhyadhar shared several case studies and success stories of pharmacists who have made significant contributions to public health. These examples highlighted innovative approaches and the positive outcomes achieved through their work, illustrating the real-world impact of careers in this field.
- 4. Skills and Competencies Required: The seminar also covered the essential skills and competencies needed for a successful career in pharmacy with a focus on public health. Dr. Vidhyadhar emphasized the importance of skills such as communication, critical thinking, and community engagement.
- 5. Future Trends and Opportunities: Dr. Vidhyadhar concluded by discussing emerging trends in public health and how they might influence the future roles of pharmacists. He encouraged students to stay informed about new developments and to seek opportunities for continuous learning and professional growth.

Feedback:

The seminar was well-received by the students, who found Dr. Vidhyadhar's insights both inspiring and informative. Students appreciated the practical examples and the detailed exploration of career options that align with their aspirations to make a positive impact in public health. The interactive Q&A session was particularly valued, providing students with the opportunity to engage directly with the speaker and address their specific questions.

S-Sigoth



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Conclusion:

The seminar successfully achieved its objectives, offering valuable perspectives on the intersection of pharmacy and public health. It provided the 4th Year Pharm.D students with a clearer understanding of how their future careers can contribute to public health improvements and inspired them to explore various career paths in this field. We extend our gratitude to Dr. K. Vidhyadhar for his expert contribution and to all participants for their active involvement.

g. Swith

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Name of the Seminar: "Pharmacy and Public Health: Careers that Create Positive Change"

Date: 23.03.2022

S. No.	Hall Ticket No.	Student Name	Signature
1.	144Q1T0030	YETURU KRISHNA PRASAD	Krishna
2.	154Q1T0009	K. VAMSHI KRISHNA	Vamsi
3.	154Q1T0022	SHAIK SHAFFIAHAMED	Ahamo
4.	164Q1T0007	J SAI SARATH	Basalth
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9.	174Q1T0006	CHAKRALA JAHNAVI	Chhravi
10.	174Q1T0007	DARLA NIKHILA NIVEDITHA	Mulhow
11.	174Q1T0008	DEVARAKONDA AMBIKA	-Ambika
12.	174Q1T0009	GANGALA DIVYA SRI	Dinya
13.	174Q1T0010	GUDISA NIVERA	XIVED
14.	174Q1T0011	GUNDRA TEJASWI	Tyasmi
15.	174Q1T0012	K LIKHITHA	Mikhitha
16.	174Q1T0013	KEERTHANA C	C. Ceesthan
17.	174Q1T0014	KOMMU PRASANNA	K Prasaun
18.	174Q1T0016	MAHIMA INDRA SATYA SAYAPANENI	Sathya
19.	174Q1T0017	MARRIPATI TEJASWI	De 1



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20.	174Q1T0019	NADELLA SINDHU	Sindhu
21.	174Q1T0020	NALLAGOLLA SIRISHA	8 Bisla
22.	174Q1T0021	PATTAN MANEESHA FARHANA	ne
23.	174Q1T0022	PYDI SAINIHARIKA	Nillavila
24.	174Q1T0023	S VAMSI KRISHNA	Kaishua
25.	174Q1T0024	SHAIK MOHAMMAD GALEEB	Galeeb
26.	174Q1T0025	SINGAMSETTY LAKSHMI PRIYANKA	Lax shini priyanka
27.	174Q1T0026	SIRIGIRI SAI PRATHYUSHA	Prathyusha
28.	174Q1T0027	SYED KAIFA TARA	Torof Bosta
29.	174Q1T0028	VASTRALA VENKATA SUBBAIAH	Subbaiah
30.	174Q1T0029	VATAM SIREESHA	Green
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AN ISO 9001:2008 CERTIFIED COMPANY

Date: 20/12/2021

To

The Principal

Narayana Pharmacy College

Nellore (A.P).

Dear Sir,

This is certify that SK, Mobeen (Reg No: 194Q1S0708) M. Pharmacy of Narayana Pharmacy College has successfully completed her project work on "A new analytical method development and validation of Daravirine pharmaceutical dosage form by RP HPLC".on date:20/12/2021 under my guidance.

We wish her all the best for her future endeavors

Industrial guide

KP LABS



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Ref no:NPC/MOUs/3/2021-22

10-06-2021

Dr.K.Harinadha Baba M.pharm, ph.D Principal

NO OBJECTION CERTIFICATE

This is whom ever it may concern

This certifies that Miss SK. MOBEEN, who has the hall ticket number 194Q1S0708 and is a legitimate M.PHARMACY student at Narayana Pharmacy College, is willing to participate in an internship programme at KP LABS on A NEW ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DORAVIRINE PHARMACEUTICAL DOSAGE FORM BY RP-HPLC" as required by PCI(Pharmacy Council of India).

Sending her for an internship is okay in our opinion

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With regards,

PRINCIPAL

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NARAYANA PHARMACY COLLEG

NELLORE - 524 002.



TO WHOM SO EVER IT MAY CONCERN

This is certify that DH.Aneeshapaul, K.Abdhul Razack, N.Sharon, N.Preethi, R.Vengamma, B.Pharmacy student of Narayana pharmacy college ,Nellore, has undergone 30days industrial training for a period from 07/03/2022 to 09/04/2022.

Students were trained in areas of tablets, capsules and Quality control development.

We wish them good luck for future endeavors.

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Date:08-11-2021

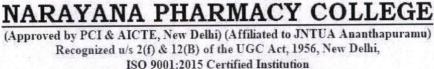
CIRCULAR

This is to inform all the 2nd B.PHARM students that a seminar by **K.RAM KUMAR from YONTUS** on **promoting ethical standards in pharmaceutical education and research** has been scheduled on 09-11-2021 at 11.00 am onwards in the seminar hall. Hence, 2nd B.PHARM students are hereby informed that they must attend the seminar and make the programme successful.

Copy to:

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TITLE

: PROMOTING ETHICAL STANDARDS IN

PHARMACEUTICAL EDUCATION AND RESEARCH

RESOURCE PERSON

: K.RAM KUMAR

DATE

: 11-11-2021

REPORT:

On November 11, 2021, Narayana Pharmacy College hosted a seminar titled "Promoting Ethical Standards in Pharmaceutical Education and Research," featuring K. Ram Kumar as the distinguished resource person. The seminar focused on the crucial role of ethics in the pharmaceutical field, emphasizing the need for integrity and moral conduct in both education and research.

Mr. Kumar began by outlining the fundamental principles of ethics in the pharmaceutical industry. He stressed the importance of honesty, transparency, and accountability in all professional activities. The seminar highlighted that ethical standards are not just theoretical concepts but practical guidelines that should govern everyday actions and decisions in the pharmaceutical sector.

A significant portion of the seminar was dedicated to discussing the ethical challenges faced by pharmaceutical professionals. Mr. Kumar pointed out issues such as data fabrication, plagiarism, and conflicts of interest that can undermine the credibility of research and education. He underscored the detrimental effects these unethical practices can have on public trust, scientific progress, and patient safety.

To address these challenges, Mr. Kumar proposed several strategies. He advocated for the implementation of robust ethical training programs in pharmaceutical education to equip students with the knowledge and skills to navigate ethical dilemmas. Additionally, he emphasized the importance of establishing clear ethical guidelines and policies within educational and research institutions. These measures, he argued, are essential for fostering a culture of integrity and responsibility.

Mr. Kumar also highlighted the role of mentorship in promoting ethical standards. He encouraged experienced professionals to serve as role models and mentors for younger colleagues, guiding them in ethical decision-making and professional conduct. This, he



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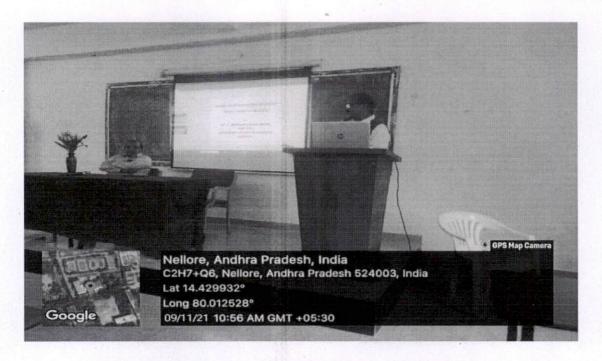
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suggested, would help inculcate a strong ethical foundation in the next generation of pharmaceutical professionals.

The seminar concluded with an interactive session, where attendees had the opportunity to ask questions and engage in discussions with Mr. Kumar. This session provided valuable insights and allowed participants to explore practical solutions to ethical issues in their own professional contexts.

In summary, the seminar on "Promoting Ethical Standards in Pharmaceutical Education and Research" was a highly informative and thought-provoking event. K. Ram Kumar's expertise and insights highlighted the critical importance of ethics in the pharmaceutical field and offered practical strategies for maintaining high ethical standards. The event reinforced the commitment of Narayana Pharmacy College to fostering ethical excellence in pharmaceutical education and research.



PROMOTING ETHICAL STANDARDS IN PHARMACEUTICAL
EDUCATION AND RESEARCH

S. S. S. Th



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STUDENT ATTENDANCE REPORT FOR ACTIVITY

		PROMOTING ETHICAL STANDARDS IN
1.	Name of the Activity	PHARMACEUTICAL EDUCATION AND
		RESEARCH
2.	Date of the Activity	09-11-2021
3.	Place of the Activity	Narayana Pharmacy College

S. NO.	HALL TICKET NO	STUDENT NAME	SIGNATURE
1.	214Q1R0002	AMBATI SWATHI LAKSHMI	Guaten
2.	214Q1R0003	ANANTHABOTLA SUSMITHA SAROJA	Sapain
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47.	214Q1R0056	MYLAVARAPU SOWMYA GAYATHRI	Sowmye
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Ref no:NPC/MOUs/3/2021-22

Date: 14.12.2021

CIRCULAR

This is to inform all the 4th year Pharm.D students that a seminar by **Y. ROHAN VARMA** on "EDUCATIONAL EQUITY AND INCLUSION" has been scheduled for dec 16-12-2021 at 11.00 am onwards in the seminar hall. Hence, 4th PharmD students are hereby informed that they must attend the seminar and make the programme successful.

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18-12-2021

REPORT

TITLE

: EDUCATIONAL EQUITY AND INCLUSION

RESOURCE PERSON: Y. ROHAN VARMA from Seven hills college

Date

: 16-12-2021

TARGET GROUP

: 4th Pharm D

REPORT:

The seminar on Educational Equity and Inclusion offered critical insights into advancing fairness and inclusivity within educational settings. The key outcomes from the seminar underscore the importance of differentiating equity from equality and adopting practices that address diverse student needs effectively.

Understanding Equity vs. Equality

A significant focus was on the distinction between equity and equality. While equality involves providing the same resources to all students, equity requires tailoring support to meet individual needs, ensuring that all students, regardless of their starting point, have an equal opportunity to succeed. This involves personalized resources and targeted interventions for students from disadvantaged backgrounds.

Promoting Inclusive Practices

The seminar highlighted the adoption of culturally responsive teaching as a means to engage students by integrating their cultural backgrounds into the curriculum. This approach fosters a sense of belonging and relevance. Additionally, Universal Design for Learning (UDL) was



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discussed as a framework to accommodate various learning styles and needs, enhancing accessibility through multiple means of representation, expression, and engagement.

Addressing Systemic Challenges

Key challenges addressed included recognizing and combating implicit biases that can affect educational outcomes. Training for educators on cultural competence and anti-bias strategies is crucial for creating an equitable learning environment. Moreover, ensuring equitable access to resources—such as technology and academic support—is essential for addressing systemic disparities.

Engaging Stakeholders

Effective inclusion requires the active involvement of families, communities, and students.

Building strong partnerships and incorporating student feedback into educational practices helps foster a supportive and inclusive environment.

Measuring Progress

The seminar emphasized the use of data-driven approaches to monitor the effectiveness of equity initiatives and the need for ongoing professional development to keep educational practices responsive and effective.

In conclusion, the seminar reinforced the importance of implementing strategies that ensure educational equity and inclusion. By addressing individual needs, adopting inclusive practices, and engaging all stakeholders, educational institutions can create environments where every student has the opportunity to thrive.

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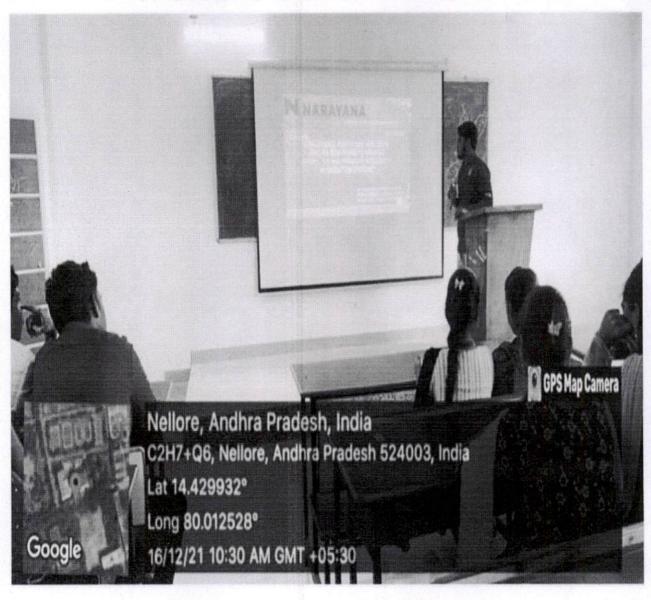


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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1. Name	of the Activity	EDUCATION EQUITY AND INCLUSION
2. Date o	f the Activity	16-12-21
3. Place of	of the Activity	Narayana Pharmacy College, Nellore
4. Type o	f the Activity	Career guidance Program

S. No	HT NUMBER	NAME	Signature
1.	204Q1T0001	BATCHU KAVYANJALI	Lavy
2.	204Q1T0002	BODI PAVANI	Pavani
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5.	204Q1T0005	CHEKURU MUNISHA	Munisha
6.	204Q1T0007	DEGA VAMSI KRISHNA	Krishna
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16.	204Q1T0020	PARVATHAREDDY KEERTHANA	Keesthana
17.	204Q1T0021	PONNAPUDI HARIKA	Magai
18.	204Q1T0023	PRIYADHARSHAN M	Dhaoshan
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Ref no:NPC/MOUs/4/2021-22

Date:14-09-2021

CIRCULAR

This is to inform all the 2nd PHARM D students that a seminar by **DR.D.GIRI** on **GLOBAL PERSPECTIVES ON PHARMACEUTICAL PATENTS AND IRP** has been scheduled on 15-09-2021 at 11.00 am onwards in the seminar hall. Hence, 2nd PHARM D students are hereby informed that they must attend the seminar and make the programme successful.

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REPORT

TITLE: GLOBAL PERSPECTIVES ON PHARMACEUTICAL PATENTS AND IPR

RESOURCE PERSON : DR.D.GIRI

DATE : 17-09-2021

On September 15, 2021, Narayana Pharmacy College hosted a seminar titled "Global Perspectives on Pharmaceutical Patents and IPR," presented by DR. D. GIRI, an expert in the field of intellectual property rights (IPR) with extensive knowledge of pharmaceutical patents.

The seminar commenced with an introduction to the fundamental concepts of IPR, emphasizing its significance in the pharmaceutical industry. DR,D GIRI explained how patents serve as a crucial tool for protecting innovations and encouraging research and development. He elaborated on the different types of patents, including product patents and process patents, and their respective roles in safeguarding intellectual property.

A significant portion of the seminar was dedicated to discussing the global landscape of pharmaceutical patents. Ganesan provided a comparative analysis of patent laws across different countries, highlighting the variations and commonalities. He emphasized the importance of understanding these differences for multinational pharmaceutical companies aiming to navigate the complex global market. He also touched upon the impact of international agreements such as the Trade-Related Aspects of Intellectual Property Rights (TRIPS) on the harmonization of patent laws.

Another key area covered was the challenges and opportunities associated with pharmaceutical patents. Ganesan addressed issues such as patent evergreening, compulsory licensing, and the balance between innovation and accessibility. He underscored the ethical considerations in patenting life-saving medications and the need for policies that ensure affordable access to essential drugs while rewarding innovation.

49.00

S. Swalls



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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1.	Name of the Activity	GLOBAL PERPESTIVES ON PHARMACEUTICAL PATENTS AND IRP
2.	Date of the Activity	15-09-2021
3.	Place of the Activity	Narayana Pharmacy College

S. No.	Hall Ticket No.	Student Name	SIGNATURE
1	164Q1T0001	A.C NIKILA TEJA	Fesia
2	164Q1T0002	AMUDALA GANESH AKHILA	Fasa Example
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8	164Q1T0009	KONDA RAVI KIRAN	Rom Keran
9	164Q1T0010	MANIKYAM SAI SATHWIKA	Schoole
	164Q1T0011	MEDARA JAHNAVI	Schoolke



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14	164Q1T0015	ORUGANTI RUPA CHOWDARY	Dapa
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19	164Q1T0020	SHAIK AFRIN	St. Afrin S. Himabirde
20	164Q1T0021	SUNKARA HIMABINDU	S. Himabirde
21	164Q1T0022	SURAGARI SWETHA	Swetter
22	164Q1T0024	TEEPALAPUDI BALAJI	Balaji
23	164Q1T0025	THIRUGABATHINA SWATHI	Swattii
24	164Q1T0027	VANKILA GOWRI PRIYA	Diyo



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25	164Q1T0028	VEERABOINA LOKESH	Nokunta
26	164Q1T0030	YETIGADDA VAMSIPRIYA	vansipriya.



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Ref no: NPC/MOUs/5/2021-22

Date:09/03/2022

CIRCULAR

This is to inform all the 1 ST PHARM D students that a seminar by S. Pawan Kumarfrom doctors life sciences on **The Future of Pharmaceutical R&D: Challenges and Opportunities** " has been scheduled for 10/03/2022 at 11.00 am onwards in the seminar hall. Hence, 1 ST PHARM D students are hereby informed that they must attend the seminar and make the programme successful.

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11/03/2022

REPORT

Name of the activity: The Future of Pharmaceutical R&D: Challenges and Opportunities

Date: 10/03/2022

On 10/03/2022, Narayana Pharmacy College hosted an insightful and impactful session titled "The Future of Pharmaceutical R&D: Challenges and Opportunities," led by the esteemed S. Pawan Kumar. The event attracted a diverse audience of students, faculty, and industry professionals, all eager to explore the rapidly evolving landscape of pharmaceutical research and development (R&D)

S. Pawan Kumar, a distinguished figure in the pharmaceutical industry, commenced the session by providing an overview of the current state of pharmaceutical R&D. He acknowledged the remarkable advancements made over recent decades, particularly in fields such as biotechnology, genomics, and personalized medicine. However, he also drew attention to the significant challenges that the industry continues to face.

A primary challenge discussed was the high cost and lengthy timelines associated with drug development. On average, bringing a new drug to market can take over a decade and cost upwards of billions of dollars. This challenge is compounded by the high failure rate, with many promising compounds failing during late-stage clinical trials. Kumar emphasized the urgent need for more efficient R&D processes to mitigate these exorbitant costs and improve success rates.

Kumar also addressed the regulatory challenges facing the industry. While stringent requirements for safety and efficacy are essential for patient safety, they often slow down the approval process. He stressed the necessity of finding a balance between maintaining rigorous regulations and ensuring timely access to new therapies. This involves the adoption of adaptive regulatory frameworks that can expedite the approval process for innovative treatments without compromising safety.

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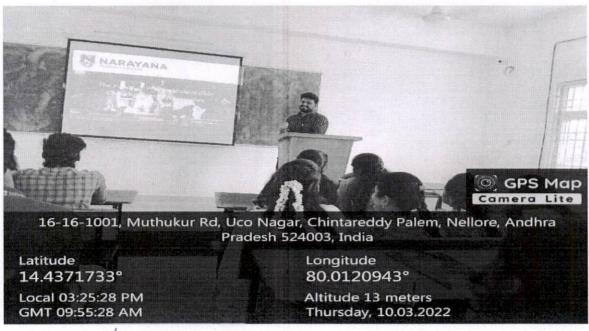
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The session highlighted the transformative potential of digital technologies and big data analytics. Kumar illustrated how these technologies can revolutionize drug discovery and development by enabling more precise targeting of therapies, improving clinical trial design, and enhancing patient monitoring. He showcased examples of how artificial intelligence (AI) and machine learning (ML) can identify potential drug candidates more efficiently than traditional methods, thus speeding up the R&D process.

In conclusion, S. Pawan Kumar's session at Narayana Pharmacy College offered a comprehensive and forward-looking perspective on the future of pharmaceutical R&D. Despite the substantial challenges, the integration of advanced technologies, regulatory reforms, collaborative efforts, and the shift towards personalized medicine hold great promise for overcoming these hurdles. The session left attendees with a renewed sense of optimism and a clearer understanding of the path forward in pharmaceutical R&D, inspiring them to contribute to the future of medical innovation.



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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1	Name of the Activity	The Future of Pharmaceutical R&D: Challenges and Opportunities
2	Date of the Activity	10/03/2022
3	Place of the Activity	Narayana Pharmacy College, Nellore

S. NO	HALL TICKET NUMBER	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1.	224Q1T0001	A KEERTHANA	Keesthano
2.	224Q1T0002	BELLAMKONDA HIMABINDU	Bindle
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6.	224Q1T0006	GANGADI NITHYA VARDHANI	Vardhani
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27.	224Q1T0029	VEERISETTY GRISHMITHA	V. varshini Grishmitha Tithendra
28.	224Q1T0030	VEMPULURU JITHENDRA	Tithendra
29.	224Q1T0031	VESAPOGU JESSICA PAUL	1
30.	224Q1T0032	VIJAYA DHANUSH	Dhawyh-
31.	224Q1T0033	YERRABATHINA POOJITHA	J. pooxit
32.	214Q1T0003	BOJJA MANOJ KUMAR	Manai



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Ref no:NPC/MOUs/6/2021-22

Date:10-11-21

CIRCULAR

This is to inform you that Narayana Pharmacy College, Nellore is going to conduct seminar on "Emerging trends, challenges and innovative approaches in clinical research" in the campus at 27/11/2021 at 03.00 PM. This is to inform that all the II-year & III-year B. Pharmacy students should participate in the seminar without fail.

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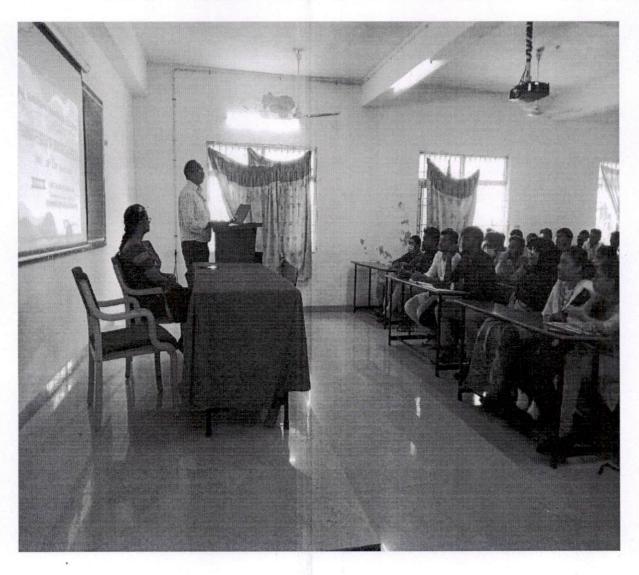
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REPORT

Guest Explaining the Emerging trends, challenges and innovative approaches in clinical research





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Participant Students

NAME OF THE PROGRAM	Emerging trends, challenges and innovative approaches in clinical research
SPEAKER	Dr.P.sankar M.Pharm,(PhD),Associate Professor, y, Nellore
TARGET AUDIENCE	II &III B.Pharm Students
DATE	27-11-2021
TIME	03.00 pm – 05.00 pm

Goals:

- Pharmacology experiments can be done by computer assisted learning software
- Experiment on effects of various drugs (Mydriatic, Miotic and Local Anaesthetic) on rabbit's eye.
- Study of Analgesic activity with the help of "Tail Flick Apparatus" (Analgesiometer).

Manufacturing and trial enhancement Well-developed pharmaceutical software allows pharma companies to automate and optimize their R&D operations and clinical trials. Dept of Pharmacology, Narayana Pharmacy college, Nellore organised workshop on Expharma series software. The speaker delivered excellent info about essential fundamentals for performing software. She explained computer assisted learning (CAL) software containing various programs which simulate animal experiments in Pharmacology. These programs can be used to demonstrate effect of drugs on



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different animals systems. The programme was very useful for students. B. Pharmacy II and III-year students, were participated in the programme and felt that program was very useful. At the eve of the program, oral feedback was collected and students expressed that they gained knowledge about clinical and pharmacological software. The principal and staff thanked the guest for delivering a nice lecture.

g satt

List of Participants

S. No.	HALL. No.	Student Name	Year
1.	194Q1R0001	ALAHARI NIKHILA	II B.Pharm
2.	194Q1R0002	ALAHARI PUNITH KRISHNA	II B.Pharm
3.	194Q1R0003	B RAVALIKA	II B.Pharm
4.	194Q1R0004	BALLI HARI PRASAD	II B.Pharm
5.	194Q1R0005	BILLUPATI VINOOTHNA	II B.Pharm
6.	194Q1R0006	BODDUBOYINA NAGAJYOTHI	II B.Pharm
7.	194Q1R0009	BUDATHATI ANUSHA	II B.Pharm
8.	194Q1R0010	CHANDU SAI LAKSHMI MANI	II B.Pharm
9.	194Q1R0011	CHATA APARNA	II B.Pharm
10.	194Q1R0012	CHEMUDUGUNTA DEEPIKA	II B.Pharm
11.	194Q1R0013	CHEMUDUGUNTA POORNACHANDRA	II B.Pharm
12.	194Q1R0014	CHENGA YUVARAJU	II B.Pharm
13.	194Q1R0015	CHILLAKURU KEERTHI	II B.Pharm
14.	194Q1R0016	CHITTIBOINA SUJITHA	II B.Pharm
15.	194Q1R0017	DHARANIKOTA RATNA DEEPTHI	II B.Pharm
16.	194Q1R0018	GALI SUREKHA	II B.Pharm
17.	194Q1R0019	GOPIREDDY KALYANI	II B.Pharm



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18.	194Q1R0020	GUDLURU VINAY KUMAR	II B.Pharm
19.	194Q1R0021 GUNDA RAJYALAKSHMI		II B.Pharm
20.	194Q1R0026	KADIYALA VIJAYA SREE	II B.Pharm
21.	194Q1R0027	KADIYAM JAHNAVI	II B.Pharm
22.	194Q1R0028	KAKARLA LAVANYA	II B.Pharm
23.	194Q1R0029	KALINDALA JAHNAVI	II B.Pharm
24.	194Q1R0030	KARAPATI ROSELIN	II B.Pharm
25.	194Q1R0031	KATAKAM PAVANA NARASIMHA	II B.Pharm
26.	194Q1R0032	KODAKALLU SAI GOKUL	II B.Pharm
27.	194Q1R0033	KOLLAPUDI HIMABINDU	II B.Pharm
28.	194Q1R0034	KONDAMURI VENKATA SAISHARAN	II B.Pharm
29.	194Q1R0035	LAASYA TELLA	II B.Pharm
30.	194Q1R0036	M SRAVANI SANDHYA	II B.Pharm
31.	194Q1R0037	MALIKI REDDY GEETHIKA REDDY	II B.Pharm
32.	194Q1R0038	MALLAM SHEEMA	II B.Pharm
33.	194Q1R0039	MALLEMKONDU BALAJI	II B.Pharm
34.	194Q1R0040	MARRIBOYENA SAI SIVADEEP YADAV	II B.Pharm
35.	194Q1R0041	MODDU SIREESHA	II B.Pharm
36.	194Q1R0042	MOHAMMAD SADIYA ANSARI	II B.Pharm
37.	194Q1R0043	MOHAMMED ARSHIYA REHAMATH	II B.Pharm
38.	194Q1R0044	MOHAMMED SABIRA BEGUM	II B.Pharm
39.	194Q1R0045	MUNAGAPATI PADMINI	II B.Pharm
40.	194Q1R0046	N RUCHITHA	II B.Pharm
41.	194Q1R0047	NALLURI HARIKA	II B.Pharm
42.	194Q1R0048	NANNAM SIREESHA	II B.Pharm
43.	194Q1R0049	NERELLA JAGADEESH	II B.Pharm



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44.	194Q1R0050	PACHAPATLA DEEPAK	II B.Pharm
45.	194Q1R0051	PAIDALA PRANEETHA REDDY	II B.Pharm
46.	194Q1R0052	PALAGIRI ARUN KUMAR	II B.Pharm
47.	194Q1R0053	PALETI GANESH	II B.Pharm
48.	194Q1R0054	PALIPI SUPRIYA	II B.Pharm
49.	194Q1R0055	PALLAMREDDY SRI HARSHITHA	II B.Pharm
50.	194Q1R0057	PATHIPATI SRAVANI	II B.Pharm
51.	194Q1R0058	PATURU DHARANI	II B.Pharm
52.	194Q1R0059	PELLAKURU BHARGAV KRISHNA	II B.Pharm
53.	194Q1R0060	PERAMSETTI VANI	II B.Pharm
54.	194Q1R0061	PICHIKA LAKSHMI SAI	II B.Pharm
55.	194Q1R0062	PIDATALA SOWJANYA	II B.Pharm
56.	194Q1R0063	PINNEBOYANA SREE VENKATA BHAVYA	II B.Pharm
57.	194Q1R0064	POLAMREDDY SIVA PRASAD REDDY	II B.Pharm
58.	194Q1R0065	POLI GREESHMA	II B.Pharm
59.	194Q1R0066	POLISETTY HARSHA VARDHAN	II B.Pharm
60.	194Q1R0068	POORI KUSUMAKUMARI	II B.Pharm
61.	194Q1R0075	RAVURI HRULLEKHA	II B.Pharm
62.	194Q1R0076	SANGEETHAM SUJITHNARAYANA	II B.Pharm
63.	194Q1R0077	SARVEPALLI KEERTHANA	II B.Pharm
64.	194Q1R0078	SHAIK AFREEN	II B.Pharm
65.	194Q1R0080	SHAIK AMRIN TAJ	II B.Pharm
66.	194Q1R0081	SHAIK FARZANA	II B.Pharm
67.	194Q1R0082	SHAIK NAGUL MEERABI	II B.Pharm
68.	194Q1R0083	SHAIK SAIRA BHANU	II B.Pharm
69.	194Q1R0084	SHAKSHE JAIN	II B.Pharm





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70.	194Q1R0085	SIDDU MARIYA RAHUL	II B.Pharm
71.	194Q1R0086	SIVADI KAVYA	II B.Pharm
72.	194Q1R0087	SURAPARAJU ASRITHA	II B.Pharm
73.	194Q1R0094	UDATHALA VISHNU PRIYA	II B.Pharm
74.	194Q1R0095	V JHANSI	II B.Pharm
75.	194Q1R0096	VAKA SRI SAI DURGA PRANAVI	II B.Pharm
76.	194Q1R0097	VULLIPAYALA CHANDRA LEKHA	II B.Pharm
77.	194Q1R0098	YADANAPARTHI PAVAN KUMAR REDDY	II B.Pharm
78.	194Q1R0099	YELLIBOINA PRATHYUSHA	II B.Pharm
79.	184Q1R0001	ADIGOPULA SUJANA	III B.Pharm
80.	184Q1R0003	BODDUPALLI JYOTHIRMAIE	III B.Pharm
81.	184Q1R0004	BONTHA KRISHNA CHAITANYA	III B.Pharm
82.	184Q1R0005	CHATLA SANDHYA	III B.Pharm
83.	184Q1R0006	CHINTHAPUDI PRASANNA	III B.Pharm
84.	184Q1R0007	CHOUKACHARLA PRAGNA	III B.Pharm
85.	184Q1R0008	CHUKKALA ASHOK	III B.Pharm
86.	184Q1R0009	DAMERLA AMULYA	III B.Pharm
87.	184Q1R0010	DARBHAGUTI VENKATA SUBBAIAH	III B.Pharm
88.	184Q1R0011	DEGAPUDI SIVA SAI PRIYANKA	III B.Pharm
89.	184Q1R0013	EERLA POOJITHA	III B.Pharm
90.	184Q1R0014	EMBETI DIVYA NEERAJA	III B.Pharm
91.	184Q1R0015	GADDAPARA VENNELA	III B.Pharm
92.	184Q1R0016	GAJJALA ARUNKUMAR YADAV	III B.Pharm
93.	184Q1R0017	GAJULA CHARITHANJANI	III B.Pharm
94.	184Q1R0018	GANIPINENI NAGA VARSHINI	III B.Pharm
95.	184Q1R0019	GEMINI HARITHA	III B.Pharm





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97.	184Q1R0021	GOPIREDDY MAHITHA	III B.Pharm
98.	184Q1R0022	GOTTIPALLI SRI JASWANTHI	III B.Pharm
99.	184Q1R0023	GUNJI MAHITHA	III B.Pharm
100.	184Q1R0025	H FAZEELATH	III B.Pharm
101.	184Q1R0027	INGILALA KALYANI PRAKASHINI	III B.Pharm
102.	184Q1R0028	JAMALLA SAI YAMINI	III B.Pharm
103.	184Q1R0029	JONNA SUPRIYA	III B.Pharm
104.	184Q1R0030	JONNALAGADDA VIJAY SATHYA THEJA	III B.Pharm
105.	184Q1R0037	KENCHIGONDE MANJUNATH	III B.Pharm
106.	184Q1R0038	KOMMERLA THANUSHA	III B.Pharm
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109.	184Q1R0042	LEGALA SREYA	III B.Pharm
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112.	184Q1R0045	MIKKINA VENKATA THANUSHA	III B.Pharm
113.	184Q1R0046	MOHAMMAD AFREEN	III B.Pharm
114.	184Q1R0048	MYLARI RESHMA	III B.Pharm
115.	184Q1R0049	OZILI KISHORI	III B.Pharm
116.	184Q1R0050	PALA VEDAVATHI	III B.Pharm
117.	184Q1R0051	PALEPU ROHITHA	III B.Pharm
118.	184Q1R0052	PAMALA PAVAN KUMAR	III B.Pharm
119.	184Q1R0053	PATAN FARHAN KHAN	III B.Pharm
120.	184Q1R0054	PATNAM GAYATHRI	III B.Pharm
121.	184Q1R0055	PEETHALA HARSHINI	III B.Pharm



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123.	184Q1R0057	POLA DEEPIKA	III B.Pharm
124.	184Q1R0058	PORAL SAIPRAKASH	III B.Pharm
125.	184Q1R0062	RENINGI PRAVALLIKA	III B.Pharm
126.	184Q1R0063	S DIVAKAR	III B.Pharm
127.	184Q1R0064	SADHU SANJITHA	III B.Pharm
128.	184Q1R0065	R SANJAY	III B.Pharm
129.	184Q1R0066	SHAIK GULZAR	III B.Pharm
130.	184Q1R0067	SHAIK KARIMULLA	III B.Pharm
131.	184Q1R0068	SHAIK KARISHMA	III B.Pharm
132.	184Q1R0069	SHAIK RAHAMTHUNNISA	III B.Pharm
133.	184Q1R0070	SHAIK THASLEEM	III B.Pharm
134.	184Q1R0071	SRIHARIKOTA HEMA PRIYANKA	III B.Pharm
135.	184Q1R0072	DHALI SUPRIYA	III B.Pharm
136.	184Q1R0073	ULSA CHANDANA	III B.Pharm
137.	184Q1R0074	V DIVYA	III B.Pharm
138.	184Q1R0075	VANJIVAKA RAMA	III B.Pharm
139.	184Q1R0076	N VIGNESH	III B.Pharm
140.	184Q1R0077	VINNAKOTA SAI PRANEETH	III B.Pharm
141.	184Q1R0078	YAKASIRI VENNELA	III B.Pharm



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Course Description

The Ethics in Clinical Research course is an online eLearning course (Clin Skill)that covers the ethical perspectives of conducting clinical trials. The course will lay the foundation of conducting clinical research in an ethical manner and the processes, documents and guidelines that help achieve that. Most of the Research Scholars use the this eLearning platform for their clinical research and documentation.

Highlights

Ethics and Clinical Research

Ethical Guidelines for Biomedical Research on Human Participants

eLearning Software - Clin Skill



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Duration; 30hours

ETHICS IN CLINICAL RESEARCH SCHEDULE

Name of the program- Ethics in Clinical Research.

Time period-15-11-2021 to 20-11-2021

No .of students enrolled - 150

S.No	Date	Topic covered
1.	15-11-21	What is EthicsWhat is Clinical Research
	7.00	Why Ethics in Clinical Research
2.	16-11-21	 Ethical Guidelines in India Core Principles of Clinical Trial Ethics
3.	17-11-21	 Ethics Committees Clinical Trials In India
4.	18-11-21	 Complexities in Indian Context The way forward - Regulations



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5.	19-11-21	Introduction to eLearning Platformfor Ethics in Clinical Reasearch .
6.	20-11-21	eLearning Platform - Clin Skil Usage.

COURSE TIMINGS

SESSION 1-9.30 AM-11.30AM

Tea Break- 11:30 AM- 11:45 AM

SESSION 2-11.45 AM-1.30 PM

Lunch- 01:30 PM- 02:30 PM

SESSION 3-2.30PM - 4.30PM

CONVENOR



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REPORT ON ONE WEEK VALUE ADDED PROGRAMME ON

"ETHICS IN CLINICAL RESEARCH"

A one Value added programme on "ethics in clinical research" was organized from 15-7-2021 to 20-7-2021 in Narayana Pharmacy College, Nellore. The programme was conducted with an objective to inculcate ethical perspectives of conducting clinical trials. The course will lay the foundation of conducting clinical research in an ethical manner and the processes, documents and guidelines that help achieve that.

The programme started with inauguration function welcoming all the eminent speakers, dignitaries and delegates and launch of the sessions. Following the inaugural ceremony, the sessions started with the introduction of basic concepts of Ethics & Clinical Research and its significance along with fundamental concepts to the delegates by the speakers. The afternoon session was equally insightful for the delegates to further learn about basics.

The consecutive sessions were interesting for the delegates to procure a through knowledge of Ethical guidelines in India, Core Principles, Different Ethical Committees and elearning Platform-Clin Skill. It was a great opportunity for the participants to interact with the speakers and resolve their doubts and gain further information of eLearning Platform. The sessions were successfully concluded with a valedictory ceremony followed by certificate distribution to all the participants.

All in all, it was an informative week.

S. Sugallo



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Ref no:NPC/MOUs/7/2021-22

Date:18-08-2021

CIRCULAR

This is to inform all the 3RD BPHARM students that a seminar by M.BALAJI GANESAN on PATENT FILING AND PROTECTION STRATEGIES FOR PHARMACEUTICAL INNOVATIONS has been scheduled on 19-08-2021 at 11.00 am onwards in the seminar hall. Hence, 3RD BPHARM students are hereby informed that they must attend the seminar and make the programme successful.

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TITLE

: PATENT FILING AND PROTECTION STRATEGIES FOR

PHARMACEUTICAL INNOVATIONS

RESOURCE PERSON: M.BALAJI GANESAN

DATE

: 20-08-2021

REPORT:

On August 19, 2021, Narayana Pharmacy College organized an insightful seminar titled "Patent Filing and Protection Strategies for Pharmaceutical Innovations," led by M. Balaji Ganesan, a distinguished expert in intellectual property rights (IPR) and pharmaceutical patents.

The seminar opened with Ganesan providing a comprehensive overview of the importance of patents in the pharmaceutical industry. He explained that patents are vital for protecting novel pharmaceutical inventions, incentivizing innovation, and ensuring a competitive edge in the market. The presentation began with a detailed breakdown of the patent filing process, including the requirements for patentability such as novelty, nonobviousness, and industrial applicability.

Ganesan discussed various strategies for effective patent filing, emphasizing the importance of thorough prior art searches to avoid infringement issues. He highlighted the significance of drafting robust patent applications with precise claims to ensure comprehensive protection of the invention. The resource person also elaborated on the differences between provisional and non-provisional patent applications, advising on when and how to use each type to maximize protection.

A major portion of the seminar was devoted to discussing protection strategies post-patent filing. Ganesan outlined the procedures for maintaining and enforcing patents, including regular payment of maintenance fees and monitoring for potential infringements. He explained the concept of patent portfolios and the strategic use of multiple patents to protect different aspects of a single innovation.

Ganesan also touched upon international patent protection mechanisms, such as the Patent Cooperation Treaty (PCT), which allows for simultaneous patent protection in

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multiple countries. He provided insights into navigating the complexities of filing patents in various jurisdictions and the importance of understanding local patent laws and regulations.

The seminar concluded with a discussion on common challenges faced in patent protection, such as patent trolls and litigation. Ganesan offered practical advice on how to mitigate these risks and defend patents effectively. He also discussed recent trends in pharmaceutical patents, including the rise of biosimilars and the impact of emerging technologies on patent strategies.

Throughout the seminar, Ganesan engaged the audience with interactive Q&A sessions, addressing specific concerns and queries from participants. The attendees, which included students, faculty, and industry professionals, gained valuable knowledge on the intricacies of patent filing and protection strategies tailored to pharmaceutical innovations.

In summary, the seminar provided a thorough understanding of the critical aspects of patent filing and protection, equipping participants with the tools and strategies necessary to safeguard their pharmaceutical innovations in a competitive global market.

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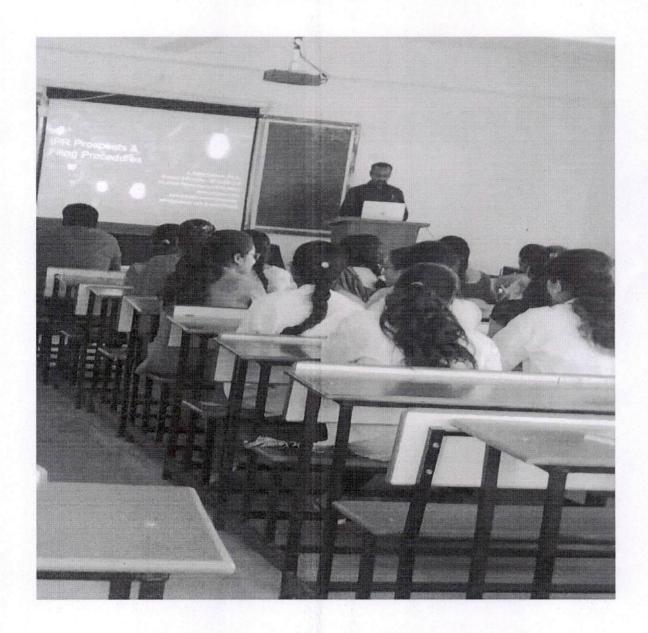
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STUDENT ATTENDANCE REPORT FOR ACTIVITY

		PATENT FILING AND PROTECTION
1.	Name of the Activity	STRATEGIES FOR PHARMACEUTICAL
		INNOVATIONS
2.	Date of the Activity	19.08.2021
3.	Place of the Activity	Narayana Pharmacy College

S. No.	Hall Ticket No	Student Name	SIGNATURE
1.	214Q1R0002	AMBATI SWATHI LAKSHMI	lales
2.	214Q1R0003	ANANTHABOTLA SUSMITHA SAROJA	Daroja
3.	214Q1R0004	ARUMULLA KHUSHI PRIYA	Eluxly
4.	214Q1R0005	ARURU YAMINI	Vamini
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16.	214Q1R0019	CHALLA VENKATA SUDHEER	Sudleer
17.	214Q1R0020	CHANDRAGIRI NAZARIN	



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Ref no:NPC/MOUs/8/2021-22

Date: 11/02/2022

CIRCULAR

This is to inform that Narayana Pharmacy College, Nellore will organize a seminar on "Health care it careers & planning how to write a best linkedin profile" at 02.00 pm in the seminar Hall on 14/02/2022. All the faculty members, M. Pharmacy and final year B. Pharmacy, Pharm.D students are hereby informed to attend the seminar and make the program successful.

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NELLORE - 524 002.

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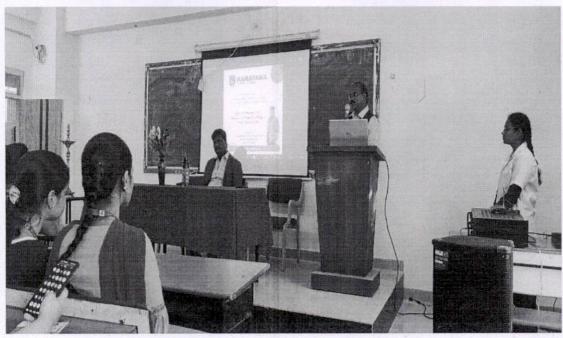
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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1.	Name of the Activity	Health care IT careers
2.	Date of the Activity	14-02-202
3.	Place of the Activity	Narayana Pharmacy College, Nellore
4.	Type of the Activity	Career guidance Program

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Ref no:NPC/MOUs/9/2021-22

Date: 24/5/2022

CIRCULAR

This is to inform all the 2nd B.PHARM students that a seminar by T.Vamsi on "Integrating Practical Skills and Research in Pharmaceutical Programs "has been scheduled for 25/05/2022 at 11.00 am onwards in the seminar hall. Hence, 2nd B.PHARM students are hereby informed that they must attend the seminar and make the programme successful.

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26/05/2022

REPORT

TITLE

: INTEGRATING PRACTICAL SKILLS AND RESEARCH IN PHARMACEUTICAL PROGRAMS

RESOURCE PERSON: T.VAMSI

DATE

: 26/05/2022

On May 25, 2022, Narayana Pharmacy College hosted an insightful session led by T. Vamsi, focused on the integration of practical skills and research within pharmaceutical education. This event underscored the vital role that hands-on experience and research activities play in shaping competent and innovative professionals in the pharmaceutical field.

The session began with T. Vamsi emphasizing the evolving landscape of pharmaceutical sciences, where the demand for skilled practitioners who can bridge the gap between theoretical knowledge and practical application is ever-increasing. He pointed out that pharmaceutical programs must adapt to these changes by incorporating practical skills and research components into their curricula.

One of the key highlights of the discussion was the necessity of practical skills in pharmaceutical education. T. Vamsi elaborated on various methods to enhance these skills, including laboratory work, internships, and simulation-based learning. He stressed that these practical experiences not only reinforce theoretical concepts but also prepare students for real-world challenges they will face in their professional careers.

In addition to practical skills, the integration of research was identified as a cornerstone of advanced pharmaceutical education. T. Vamsi highlighted that engaging students in research projects fosters critical thinking, problem-solving abilities, and innovation. He shared success



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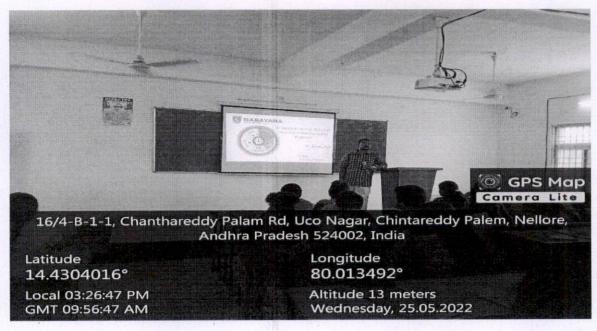
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stories of students who had undertaken research projects and made significant contributions to the field, thus demonstrating the tangible benefits of research-oriented education.

Furthermore, T. Vamsi discussed the importance of collaboration between academia and industry. He advocated for partnerships that allow students to work on industry-relevant research projects, providing them with exposure to current trends and practices. Such collaborations also offer networking opportunities and can pave the way for future employment.

The session concluded with a call to action for educational institutions to continually revise and update their programs to include more practical and research-oriented components. T. Vamsi encouraged faculty members to adopt a student-centered approach, focusing on experiential learning and mentorship. He also urged students to actively seek out opportunities for practical and research experiences, as these are crucial for their professional development.

Overall, the event was a compelling reminder of the necessity to integrate practical skills and research within pharmaceutical programs. T. Vamsi's insights provided valuable guidance for educators and students alike, aiming to produce well-rounded, skilled professionals ready to meet the demands of the pharmaceutical industry.



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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1.	Name of the Activity	Integrating Practical Skills and Research in Pharmaceutical Programs
2.	Date of the Activity	25/05/2022
3.	Place of the Activity	Narayana Pharmacy College, Nellore

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1.	204Q1R0001	ALUGU SRAVANI	Sravan
2.	204Q1R0002	ARAVEETI SAIPRAKASH	Doakas
3.	204Q1R0003	ARTHAMALA THANUJA	Thanaf
4.	204Q1R0005	AVULA ANUHYA	Charles -
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20.	204Q1R0027	GUVVADI MADHAN KUMAR	T. Madhai
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34.	204Q1R0041	KUNCHALA VINEESHA	k. Vinagra
35.	204Q1R0042	LOKESH B	B. Lokesh
36.	204Q1R0043	MALLAM SALMA	M. Salma-
37.	204Q1R0044	MANDA SWARUPA	M. Swarupa
38.	204Q1R0046	MOKKATLA HEMA	M. Hema.
39.	204Q1R0047	MURUKUTI NANDINI	M. Nandini
40.	204Q1R0048	MYLAVARAM NAGAVENNELA	No allowed
41.	204Q1R0049	N SOWJANYA	N Sowjanya
42.	204Q1R0050	NAGIREDDY ROSHITHA	N. Roshithan.
43.	204Q1R0051	NAGULAPATI SANTHOSH	NI Sanshold
44.	204Q1R0052	NALLABANTU SYAMALA SUREKHA	N.S Sureka.



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Collaboration Activity Between

Narayana Pharmacy College And Sai rekha generic medicals

Collaborating agency	Contact details	Name of activity	Duration	Number of students participated
Sai Rekha generic medicals	Sai Rekha generic medicals,.27/1/1482 adithya nagar,childrens park road, NELLORE.524002	Drug dispencing	One week	3

COLLABORATIVE ACTIVITY CONDUCTED BETWEEN

NARAYANA PHARMACY COLLEGE & SAI REKHA GENERIC MEDICALS

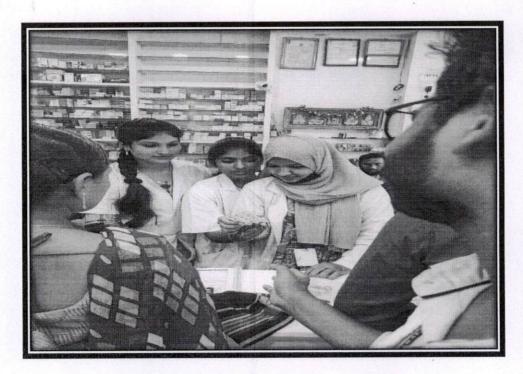
Title	Medication Dispensing Training
Date	16/02/2022 to22/02/2022
Duration	07 Days
Place	Sai Rekha generic medicals, NELLORE
Students Participated	3
Description	Students of III Pharm. D were trained at The Pharma Generic House to learn about safe dispensing of drug, inventory control. storage of drug, maintaining records of different types of scheduled drugs, design and layout of community pharmacy.



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Students are dispensing medicines to patients

Report on drug dispencing

Drug dispensing is a clinical pharmacy service that promotes access to medicines and their rational use. drug dispensing improve the health outcomes of patients attending community pharmacies. Most articles included in this review reported a positive influence of drug dispensing performed by community pharmacists on patients' health outcomes. This Training increases pharmacists drug dispensing knowledge, decision makers, and healthcare systems, since they may contribute to evidence-based decision-making, strengthening the contribution of community pharmacists to health care.

8- Systhe



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Date:20/01/22

To The Manager Sai Rekha generic medicals, 27/1/1482. Adithya Nagar, Children's park road, Nellore, Andhra Pradesh-520002

Sir.

Sub: - Requesting to permit for Training the IV Pharm. D studentsin Medication Dispensing at your store Visit-reg.

With reference to the above subject, I request you to permit the following list of IV Pharm. D students to undergo training in dispensing of medication for one week at yourstore.

Names of the students

V.Bhavya

(194Q1R0029))

S.Meenakshi (194Q1R0025)

N.Aneesa

(194Q1R0017)

I request to you for the fruitful action at the earliest.

Thanking you,

Yours faithfully PRINCIPAL

NARAYANA PHARMACY COLLEGE MELLORE - 524 002

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Ref no: NPC/MOUs/10/2021-22

Date: 27/7/2021

CIRCULAR

This is to inform all the 4th BPHARM students that a seminar by K.Kiran kumar from Sri "ETHICAL CONSIDERATIONS Padmavathi school of Pharmacy on PHARMACEUTICAL RESEARCH" has been scheduled for 29-07-2021 at 11.00 am onwards in the seminar hall. Hence, 4th B.PHARM students are hereby informed that they must attend the seminar and make the programme successful.

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30-07-2021

REPORT

TITLE : ETHICAL CONSIDERATIONS IN PHARMACEUTICAL RESEARCH

RESOURCE PERSON: K.Kiran kumar

DATE : 29-07-2021

TARGET GROUP : 4th BPHARM

1. Introduction

The seminar on "Ethical considerations in the pharmaceutical industry" Aimed to address the complex ethical issues that pervade the pharmaceutical sector. The session explored various aspects of pharmaceutical ethics, including drug pricing, clinical trial practices, marketing strategies, and global health equity. This report provides an overview of the key discussions and outcomes from the seminar.

2. Objectives of the seminar

- To understand the major ethical dilemmas faced by the pharmaceutical industry.
- To discuss the impact of regulatory frameworks on ethical practices.
- To evaluate the implications of drug pricing and access to medications.
- To examine the ethical considerations in clinical trials and research.
- To explore issues related to marketing and conflict of interest.
- To identify strategies for promoting ethical practices in the industry.

3. Key topics and discussions

A. Ethical dilemmas in drug pricing



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- Discussion: The seminar highlighted how high drug prices can restrict access to
 essential medications, particularly in low-income regions. The balance between the
 need for pharmaceutical companies to recoup research and development costs and
 the need for affordable access to drugs was discussed.
- Outcome: Participants discussed potential solutions, including policy reforms and alternative pricing models, to make medications more accessible without compromising the financial viability of pharmaceutical companies.

B. Clinical trials and research ethics

- Discussion: Key issues included ensuring informed consent, the use of placebos, and transparency in reporting trial results. The ethical treatment of participants and the need for rigorous standards in clinical trials were emphasized.
- Outcome: Attendees were encouraged to advocate for stricter adherence to ethical guidelines and to support policies that enhance transparency and protect participants' rights.

C. Marketing and conflict of interest

- Discussion: The influence of pharmaceutical marketing on healthcare professionals
 and prescribing practices was scrutinized. The potential for conflicts of interest
 when companies fund research or educational programs was also explored.
- Outcome: Strategies for managing conflicts of interest and promoting ethical marketing practices were discussed, including the implementation of clear disclosure requirements and independent review processes.

D. Global health equity

 Discussion: The seminar addressed the ethical implications of distributing medications and vaccines globally, especially in underserved areas. The role of pharmaceutical companies in addressing health disparities was a key focus.





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 Outcome: Recommendations included supporting initiatives that improve access to medications in low-income regions and engaging in partnerships with global health organizations to address health inequalities.

E. Future trends and challenges

- Discussion: Emerging trends such as personalized medicine and digital health technologies were examined for their ethical implications. The potential for artificial intelligence to revolutionize drug development while raising new ethical questions was also discussed.
- Outcome: Participants were encouraged to stay informed about these trends and to consider their ethical implications in future research and practice.

4. Conclusion and recommendations

The seminar provided valuable insights into the ethical considerations inherent in the pharmaceutical industry. Key recommendations include:

- · Advocating for transparent and fair drug pricing models.
- Promoting adherence to ethical standards in clinical trials.
- Implementing strategies to manage conflicts of interest in marketing and research.
- Supporting global health initiatives to improve medication access.
- Staying informed about emerging trends and their ethical implications.

S. Sigth

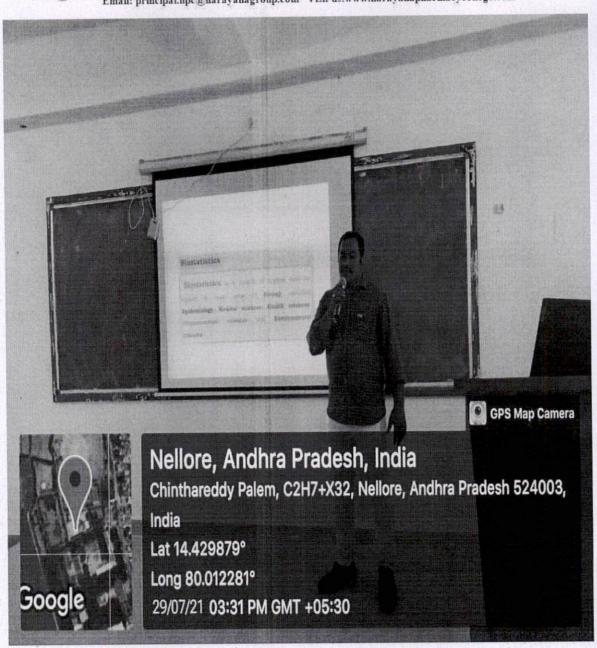
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STUDENT ATTENDANCE REPORT FOR ACTIVITY

1.	Name of the Activity	ETHICAL CONSIDERATIONS IN PHARMACEUTIC
		RESEARCH
2.	Date of the Activity	29-01-2021
3.	Place of the Activity	Narayana Pharmacy College, Nellore
4.	Type of the Activity	Career guidance Program

S. No	HT NUMBER	NAME OF THE STUDENT	Signature
1.	204Q1R0001	ALUGU SRAVANI	Sravani
2.	204Q1R0002	ARAVEETI SAIPRAKASH	Sai
3.	204Q1R0003	ARTHAMALA THANUJA	Thanuja
4.	204Q1R0005	AVULA ANUHYA	Anulya
5.	204Q1R0006	BALIBOINA ADARSH	Adolph
6.	204Q1R0007	BATTA DEEPTHI	Deepthi
7.	204Q1R0008	BESTA ANUSHA	Anusha
8.	204Q1R0009	BHOJANAPU HARISH	Harish
9.	204Q1R0010	BUDAMGUNTA VANDANA KEERTHI	keerthi
10.	204Q1R0011	C HEMA BINDU	Birdu
11.	204Q1R0012	CHAKKA VANDHANA	Vandle
12.	204Q1R0013	CHALLA PADMA PRIYA	padma
13.	204Q1R0016	DUDEKULA SIDDAIAH	Biddainh
14.	204Q1R0017	DUVVA BHARATHI	D. Bharath
15.	204Q1R0020	GADI HARSHINI	Harshini
16.	204Q1R0023	GODDEVELAGALA HYNDAVI	Hyndavi
17.	204Q1R0024	GONA NAVYASREE	9.000
18.	204Q1R0025	GULURI LAHARI	Glahari



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204Q1R0027	GUVVADI MADHAN KUMAR	Kumar
204Q1R0028	KADIVETI MOUNIKA	Mounter
204Q1R0029	KALLURU SRAVANI	Spani
204Q1R0030	KALUVOYA SRI TARUN REDDY	Taroun
204Q1R0031	KAMATHAM KEERTHANA	Keenthana
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Ref no:NPC/MOUs/11/2021-22

Date: 12/02/2022

CIRCULAR

This is inform to all students of II Year B.Pharmacy that an industrial visit to Vijaya Milk Dairy at Padugupadu is Planned to organized on 15/02/2022. Hence students are required to enroll their names with the class in charge.

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Report on Visit to Vijaya Milk Dairy

Date: 15/02/2022

Visitors: B.Pharmacy II Year Students

Objective: To observe and understand the pasteurization technique and temperature level controls in a dairy farm.

On the 15 of Feb, 2022, the second-year B.Pharmacy students embarked on an educational visit to the Vijaya Milk Dairy. The primary objective of this visit was to gain firsthand knowledge of the pasteurization process and the associated temperature controls that are crucial in dairy production. This visit was not only an opportunity to observe theoretical concepts in a practical setting but also to understand the importance of these processes in ensuring the safety and quality of milk products.

Introduction to Vijaya Milk Dairy

Vijaya Milk Dairy is a well-known dairy farm that specializes in the production of various milk products. It is renowned for its stringent quality control measures and advanced processing techniques. The dairy follows meticulous procedures to ensure that the milk and milk products are safe for consumption and meet high-quality standards.

Pasteurization Process

The students were introduced to the pasteurization process, which is a critical step in milk processing. Pasteurization involves heating the milk to a specific temperature for a set period to kill harmful bacteria without affecting the nutritional value and taste of the milk.



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Key Steps in Pasteurization:

- Receiving and Testing Milk: The raw milk is first received from the farms and tested
 for quality and contaminants. Only milk that passes these tests is allowed to proceed to
 the pasteurization process.
- 2. **Preheating:** The milk is preheated to a lower temperature before pasteurization to remove any air and to prepare it for the next step.
- 3. **Pasteurization:** The preheated milk is then heated to a temperature of at least 72°C (161°F) for 15 seconds in a high-temperature short time (HTST) pasteurizer. This temperature and time combination is effective in destroying harmful pathogens like Salmonella, E. coli, and Listeria.
- 4. **Cooling:** After pasteurization, the milk is rapidly cooled to a temperature of 4°C (39°F) to prevent the growth of any remaining microorganisms.
- Storage: The pasteurized milk is then stored in sanitized tanks before being packaged for distribution.

Temperature Level Controls

Temperature control is a critical aspect of the pasteurization process and overall milk processing.

The students learned about the various stages where temperature control is essential:

- Receiving and Storage: The raw milk is stored at a low temperature to prevent spoilage
 and bacterial growth before it is processed.
- **Preheating:** Controlled preheating ensures that the milk reaches the required temperature for effective pasteurization without denaturing the proteins.
- Pasteurization: Precise control of the pasteurization temperature is crucial. The
 equipment used is calibrated regularly to maintain the correct temperature and time
 settings.



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- Cooling: Rapid cooling is necessary to prevent the growth of thermophilic bacteria and to maintain the quality of the milk.
- Storage and Distribution: The final product is stored at 4°C or below and transported in refrigerated vehicles to ensure it remains safe for consumption.

Observations and Learning Outcomes

During the visit, the students observed the entire pasteurization process and the stringent temperature controls in place. They gained insights into the importance of maintaining hygiene and sanitation throughout the process. The students also understood the role of technology and automation in ensuring consistent quality and safety in dairy production.

Conclusion

The visit to Vijaya Milk Dairy was an enlightening experience for the B.Pharmacy II Year students. It provided them with a comprehensive understanding of the pasteurization process and the critical role of temperature control in dairy processing. The knowledge gained from this visit will be invaluable in their future careers, especially for those interested in pharmaceutical applications related to food and nutrition.

Overall, the visit emphasized the importance of quality control in food processing and the need for rigorous standards to ensure consumer safety. The students left with a greater appreciation of the complex processes involved in dairy production and the scientific principles that underpin them.

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Report on Vişit to Vijaya Milk Dairy

Date: 15/02/2022

Visitors: B.Pharmacy II Year Students



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3.	204Q1R0003	ARTHAMALA THANUJA
4.	204Q1R0005	AVULA ANUHYA
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44.	204Q1R0052	NALLABANTU SYAMALA SUREKHA
45.	204Q1R0053	NANDAM NANDINI