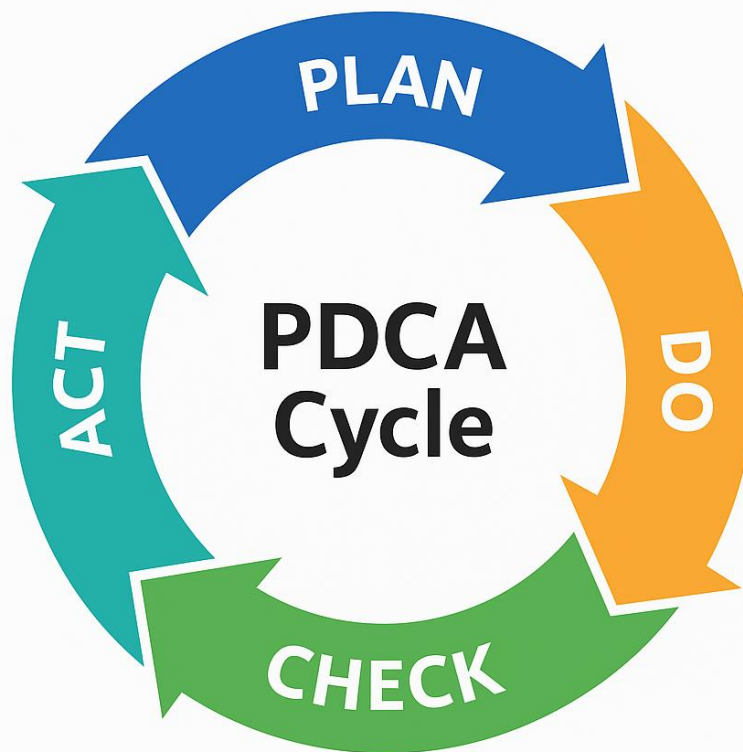
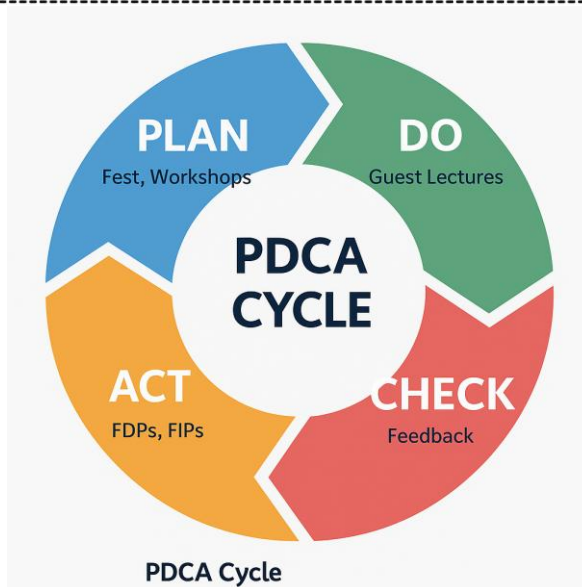




10.3. ADOPTION OF PDCA CYCLE BY IQAC FOR QUALITY ENHANCEMENT

The Internal Quality Assurance Cell (IQAC) is responsible for planning, implementing, monitoring, and evaluating measures for quality enhancement in higher education institutions. The IQAC at **Maharajah's College of Pharmacy** has effectively adopted the **PDCA (Plan–Do–Check–Act) Cycle** as a scientific framework to enhance academic quality, institutional performance, and stakeholder engagement. IQAC uses this cyclic approach to plan, implement, monitor, and improve curricular and co-curricular initiatives systematically.





1. PLAN

- IQAC convenes pre-semester academic planning meetings with faculty to design the annual academic calendar.

Proposed activities include Faculty Development Programs (FDPs), Faculty Induction Programs (FIPs), Guest Lectures, Workshops, and student-centric events like Pharma Apexio Fest. Objectives are aligned with Outcome-Based Education (OBE), current industry needs, and regulatory requirements (PCI, NAAC, NBA).

- FDP on 'Novel Insights in Drug Design and Development – what it takes to reach IND' (June 2025)
- Workshop on "Outcome-Based Education: Practical Insights from Bloom's and Miller's Frameworks" (June 2024) and Current Trends in Biopharmaceuticals and In Silico Applications' (Sept 2024).
- FIP on "Navigating the Art of Teaching: A Holistic Approach" on 3-4 Aug 2024.



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Three - day Workshop
In Association with IQAC
 on
Current Trends in Bio-Pharmaceutical
and Insilico Applications
11th-13th September, 2024
 Organised By
Maharajah's College of Pharmacy
 Phoolbaugh, Vizianagaram.



About Workshop

- To provide the information on latest advancements in biopharmaceuticals and in silico applications.
- To encourage the exploration of new ideas and applications in the computational fields.
- To assess new tools and technologies that are shaping the future of biopharmaceuticals.
- Provide practical sessions or demonstrations on using in silico tools and software.



Resource Persons

Day 1 Sessions



Dr. N. Hari Shankar (Retd),
 Scientist 'E',
 ICMR - NIN,
 Hyderabad.



Dr. M. Ramaiah
 Professor,
 Maharajah's College of Pharmacy,
 Vizianagaram.

Day 2 Session



Dr. A. Vijaya Durga
 Assistant Professor,
 Maharajah's Post Graduate College,
 Vizianagaram.



Day 3 Session



Dr. Surender Singh Jadav
 Scientist,
 CSIR - IICT,
 Hyderabad.



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In Association with IQAC
Organizes
A Five-Day Faculty Development Programme (Hybrid Mode)
ON

PHARMA - EDGE 2025

PROFESSIONAL HOLISTIC ADVANCEMENT & RESEARCH
IN PHARMACEUTICAL MANUFACTURING, HEALTHCARE AND
ANALYTICS - EDUCATION FOR DIGITAL & GLOBAL EXCELLENCE

June 09-13, 2025

CHIEF PATRON
Sri P. ASHOK GAJAPATHI RAJU garu
Hon'ble Chairman, MANSAS

PATRON
Dr. K.V.L. RAJU
Correspondent, MEI

CONVENER
Dr. M. Ramaiah
Principal, MRCP

Program Co-ordinator
Mrs. G. Lekhya, Assistant Professor

Co-ordinating Committee
Dr. AVS. Sastry, Professor | Dr. N. Usha Rani, Professor
Dr. K. Sita Kumari, Associate Professor | Dr. Saroj Kumar Raul, Associate Professor

Programme Schedule

Topic : Green Chemistry Applications in Drug Development	Dr. G. RAM KUMAR Associate Professor, MVGRCE	09.06.2025 @ 10:00 am
Topic : Application of AI and Machine Learning in Drug Discovery and Design	Dr. P. SATEESH Professor, MVGRCE	09.06.2025 @ 1:00 pm
Topic : Energy saving opportunities for Pharmaceutical Industries	Dr. K. RAVI KUMAR Distinguished Assistant Professor, MVGRCE	10.06.2025 @ 10:00 am
Topic : Closing the Loop : Wastewater to Compliance in Pharma Units	Dr. CH. V. RAVI SHANKAR Sanction Professor, MVGRCE	10.06.2025 @ 1:00 pm
Topic : Biomedical Devices and Sensors for Patient Monitoring	Dr. P. SURYA PRASAD Professor, MVGRCE	11.06.2025 @ 10:00 am
Topic : Fundamentals of Pharma Supply Chain and Logistics Management	Dr. R. SATISH KUMAR Associate Professor, School of Management Studies	11.06.2025 @ 1:00 pm
Topic : Pharmaceutical Entrepreneurship	Dr. K. UMA MAHESH VADAY Distinguished Assistant Professor & Librarian, MVGRCE	12.06.2025 @ 10:00 am
Topic : Documentation for NBA/NAAC Accreditation & Outcome-Based Education	Dr. TENNETI SAI PRASAD Associate Professor, MVGRCE	12.06.2025 @ 1:00 pm
Topic : Rational Use of Medicines : A Clinical Perspective	Dr. V. SUNITHA Professor, MIMS	13.06.2025 @ 10:00 am
Topic : Documentation for NBA/NAAC Accreditation & Outcome-Based Education	Dr. V. NAGESH Professor, MVGRCE	13.06.2025 @ 1:00 pm

FOR PHARMA - EDGE 2025
WhatsApp group starts

Contact for Queries
Email : mrpcseminars2004@gmail.com
Phone : 7032835351, 8125664871, 9308883832, 9308104259
Website : www.mrpharmacy.co.in

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QR codes for YouTube, LinkedIn, and X.

PHARMAEDGE2025



2. DO

- IQAC executes these activities through structured coordination with departments and external experts.

- FDPs were conducted through hybrid modes involving international, industrial, and academic resource persons.

- Workshops and Guest Lectures included hands-on sessions, software demonstrations (e.g., AutoDock, Schrodinger), and emerging domain topics like AI in drug development and IPR.

- Guest Lecture on 'Evergreen Behavioral Skills for Youth'
- Online Workshop on 'IPR & Design Filing' in collaboration with RGNIIPM, Nagpur.

Table 1. IQAC Activity Summary Table

S.No	Activity Type	Title	Date	Resource Person	No. of Participants
1	FDP	Novel Insights in Drug Design and Development – What It Takes to Reach IND	14-20 Dec 2023	Multiple Speakers (AU, Kathmandu Univ., Novartis)	59
2	Workshop	Current Trends in Biopharmaceuticals and In Silico Applications	11-13 Sep 2024	Dr. Hari Shankar, Dr. M. Ramaiah, Dr. Surender Singh, etc.	100
3	Workshop	IPR & Design Filing	25 Oct 2024	Dr. Bharath N. Suryawanshi	665
4	FIP	Navigating the Art of Teaching: A Holistic Approach	3-4 Aug 2024	Multiple Speakers (Dr. A. Ramakrishna, Mrs. P. Bhagya Lakshmi, etc.)	22
5	Fest	Pharma Apexio – Technical, Cultural & Scientific Fest	5-7 Dec 2024	Dr. Vijay Raina, Dr. Vinod B. Nair, Dr. William Carey	650
6	FDP	Professional Holistic advancement & Research in Pharmaceutical Manufacturing, Health care and Analytics – Education for Digital and Global Excellence	9-13 June, 2025	Multiple Speakers (Dr.Sunitha, Dr.K. Ravi Kumar, Dr.R.Satish Kumar etc)	100



3. CHECK

- Feedback is collected from participants (students, faculty, external delegates) immediately after each session.
- Data is analyzed to assess:
 - Relevance and effectiveness of content
 - Quality of resource persons
 - Student participation and engagement
- Reports are compiled and reviewed in IQAC meetings for evaluation.
- Feedback from 600+ registrants for IPR workshop
- Event-wise reports on attendance, interactions, and learning outcomes.

Table 2. Feedback Summary Table

Parameter	Avg. Rating (out of 5)	Improvement Action
Content Relevance	4.6	Include more industry-oriented topics
Delivery Effectiveness	4.5	Incorporate interactive activities
Speaker Knowledge	4.7	Continue inviting renowned experts
Time Management	4.4	Ensure strict adherence to session timelines
Practical Application	4.3	Add more hands-on sessions and demos



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Empowering Health



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Feedback Form for FDP on "PHARMA-EDGE 2025" Day 4(12.06.2025), Session-VIII

Session on "Pharmaceutical Entrepreneurship"

sitakaranam@gmail.com [Switch accounts](#)

* Indicates required question

Email *

Your email address

Skill and Responsiveness of the Resource Speaker- Dr. T. Sai Prasad *

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Speaker was an effective demonstrator	☐	☐	☐	☐	☐
Presentation was clear and organized	☐	☐	☐	☐	☐
Instructor stimulated the participant's interest	☐	☐	☐	☐	☐
Relevant to the title of the topic	☐	☐	☐	☐	☐

Was the FDP helpful, informative and approachable? *

- ☐ Strongly Agree
- ☐ Neutral
- ☐ Strongly Disagree



Feedback Form for Day 3 (Responses)

File Edit View Insert Format Data Tools Extensions Help

Form_Responses1								
Timestamp	Email address	Full Name	How do you rate the	How much be	How do you	How well do you think	Any other comments or suggestions	
24/09/2024 07:02:27	mamidipakavanitha07@	Mamidipaka Vanitha	5	5	5	5		
24/09/2024 08:48:24	sailureddy8297@gmail.c	REDDY SAILAJA	5	4	5	5	The session was very good and very usef	
24/09/2024 08:49:39	sandhyamalyada@gmail	Malyada .sandhya	5	5	5	5	Very nice and useful for our future	
24/09/2024 09:49:17	jamipoojitha2@gmail.co	JamI Poojitha	4	5	4	5	No	
24/09/2024 10:07:35	tejaswinikarre123@gma	K.Tejaswini	5	5	5	5		
24/09/2024 11:48:11	bhagyareddi810@gmail.	Reddi bhagyaxmi	4	4	4	5		
24/09/2024 12:24:00	swethasagi2003@gmail	S. Venkata Swetha		5	5	5	Nice	
24/09/2024 13:39:42	prasannalakshmi.kollam	Dr. K. Prasanna Lakshmi	4	4	5	5	Do more such programs in future	
25/09/2024 11:10:34	nallanaharika496@gmai	Nallana harika	5	5	5	5	Very good	
25/09/2024 11:12:05	yamunagajara02003@gi	GAJARAO yamuna	5	5	5	5		
25/09/2024 11:12:05	kalyanithallapudi@gmail	Thallapudi kalyani	5	5	5	5		
25/09/2024 11:12:07	chakkayamuna20@gma	Chakka yamuna	5	5	5	5		
25/09/2024 11:17:39	sunkarisireesha4@gmai	Sunkari sireesha	5	5	5	5	4 Amazing workshop	
27/09/2024 10:06:11	sharonmatta34@gmail.c	Matta. Roja rani	5	5	5	5		
27/09/2024 11:04:20	vangapandumadhuri2@	Vangapandu madhuri	5	5	4	5	Greatful to participate in workshop	

SAMPLE COPY OF FEEDBACK



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4. ACT

Based on feedback and analysis, corrective actions are taken:

- Topics are re-aligned in subsequent FDPs/workshops based on gaps.
- Emphasis is increased on emerging technologies, industry collaborations, and skill-based learning.
- IQAC plans enrichment activities such as 'Training in Fire Safety & Disaster Management', 'Hospital Training Awareness', etc., based on students' professional preparedness.
- Revised training sessions after feedback from pharma industry experts.

  MEMORANDUM OF UNDERSTANDING (MoU) Between Indian Biomedical Skill Council (IBSC) AMTZ Campus, Pragati Maidan, VM Steel Project S.O., Visakhapatnam – 530031, Andhra Pradesh, India (First party, hereinafter referred to as IBSC), Represented by Dr. Jitendra Kumar Sharma, Chairman, IBSC & Managing Director & Founder CEO, AMTZ and MAHARAJAH'S COLLEGE OF PHARMACY (MRCP) having its office at Phool Baugh Colony, Vizianagaram - 535002, Andhra Pradesh, India (Second party, hereinafter referred to as "MRCP"), Represented by Dr. P. Udaya Shankar, Principal	  MEMORANDUM OF UNDERSTANDING (MoU) Between SKILL DUNIA EDUTECH (SKILL DUNIA) having its office at Gachibowli, Ranga Reddy District, Telangana, India. (First party, hereinafter referred to as SKILL DUNIA), Represented by Edla Vamshi Krishna, AVP of Skill Dunia And MAHARAJAH'S COLLEGE OF PHARMACY (MRCP) having its office at Phool Baugh Colony, Vizianagaram - 535002, Andhra Pradesh, India (Second party, hereinafter referred to as "MRCP"), Represented by Dr. P. Udaya Shankar, Principal
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Industry Collaborations and skill-based learning



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Training in Fire Safety & Disaster Management

AROGYA HOSPITAL
 Dr. Ponnada Rama Naresh
 M.D.Gen (MED.)
 Reg. No. 62648
 Physician & Diabetologist

S.B.S.Y.M. Degree College Road,
 Opp : Hero Showroom, Kasibugga, Srikakulam Dist.
 Contact : 9182881776, 9341781776

డా|| పొన్నాడ రామనరేష్
 M.D.Gen (MED.)
 రిపో, పరిశీలన, పురో, పి.సి, పాపు విద్యుత్తు
 ఫిజియన్ & డయాబిటాలజిస్ట్

Name : Age : Sex : Date :

PR : BP : SpO2 : VI : Temp :
 DM : HTN : Thyroid : Smoking : Ethanol :

CERTIFICATE

This is to certify that Ms. BEPALA LEELARANI (621149701007), B pharmacy 4th year student of maharaja's college of pharmacy training for 90 hours in Department of pharmacy and other OP wards and OT of Arogya hospital , palasa Srikakulam (dist) under the supervision of pharmacy head for a periods of 15 days i.e from ...18/10/2024.... to...25/10/2024.

AROGYA HOSPITAL
 Palasa, Srikakulam (dist)
 Dr. Ponnada Rama Naresh
 Regd. No. 62648

Queen's NRI Hospital
 VIZIANAGARAM

Dt: 20/10/2024

TO WHOM SOEVER IT MAY CONCERN

This is to certify that D.Sahiti Nidhi (621149701014) studying in Maharajah's college of Pharmacy, Vizianagaram has completed her Hospital training in our Hospital for 10 days i.e from 10-10-2024 to 20-10-2024.

K.Madhubabu
 Administrative Officer

Queen's NRI Hospital
 VIZIANAGARAM

Students Hospital Training awareness and completion



OUTCOME OF PDCA ADOPTION:

- Improved faculty preparedness and pedagogical innovation
- Enhanced student engagement and exposure to real-world applications
- Strengthened academia-industry interaction
- Increase in quality benchmarks, feedback compliance, and institutional visibility.

IMPACT AND RECOGNITION

The IQAC-initiated Faculty Development Programs, Workshops, and Guest Lectures have left a significant impact on both students and faculty. *Ms. Kavya R.*, a final-year B.Pharmacy student, shared, “The guest lecture on behavioral skills gave me clarity on workplace expectations and communication strategies, which I found very helpful as I prepare for placements.” Similarly, *Dr. Sunitha K.*, Assistant Professor in Pharmacology, noted, “The FDP on Target-Based Drug Discovery introduced advanced techniques I could immediately apply in my classroom and ongoing research.”

A special highlight was the appreciation received from *Mr. Quan Min*, CEO of LACALUT® Toothpaste, Australia, who praised the Day 1 session of our FDP on “Green Chemistry and AI in Drug Development,” acknowledging it as a **“visionary step toward sustainable pharmaceutical innovation.”**



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Message

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1mo • 🌐

🌟 PHARMA-EDGE 2025 Successfully Concluded! 🌟

We are delighted to announce the successful completion of the Five-Day Faculty Development Programme – PHARMA-EDGE 2025, organized by Maharajah's College of Pharmacy, Vizianagaram, from June 9–13, 2025.

💡 With a focus on Professional Holistic Advancement & Research in Pharmaceutical Manufacturing, Healthcare, and Analytics, the program featured 10 enriching technical sessions delivered by distinguished speakers from academia and industry.

📄 We are proud to have received 100+ registrations from faculty across 10+ states, including Andhra Pradesh, Telangana, Uttar Pradesh, Gujarat, Puducherry, Karnataka, Kerala, Tamil Nadu, Odisha, and Rajasthan – a true testament to the national relevance and academic impact of our initiative.

🌐 A special highlight was the appreciation from *Mr. Quan Min*, CEO of LACALUT® Toothpaste, *Australia,* who acknowledged the forward-thinking nature of our Day 1 sessions on Green Chemistry and AI in Drug Development.

🙏 Heartfelt thanks to all our expert speakers, participants, and supporters.

We also express our sincere gratitude to Sri Pusapati Ashok Gajapathi Raju Garu, Chairman, and *Dr. KVL Raju Garu, Correspondent, for their constant encouragement and support in making this event a grand success.

#PharmaEDGE2025 #MRCPVizianagaram #PharmacyEducation #FDP #Innovation #AlinPharma #GreenChemistry

IQAC Co-Ordinator

PRINCIPAL
Maharajah's College of Pharmacy
 Phoolbaugh, Vizianagaram-535 002