

Empowering Health



Estd. 2004

Maharajah's College of Pharmacy

Phool baugh, Vizianagaram- 535002 (A.P)

(A Unit of MANSAS Educational Institutions)

Affiliated to Andhra University, Visakhapatnam

Approved by PCI, New Delhi; SBTET Govt of A.P

Inspiring Minds



✉ principalmrcp@gmail.com 🌐 www.mrpharmacy.co.in ☎ +918121530528, 08922-277255

QUALITY IMPROVEMENT AND ENHANCEMENT INITIATIVES BY IQAC

FACULTY DEVELOPMENT PROGRAMS (FDPs)



Estd. 2004

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TITLE: PHARMA EDGE 2025 A FIVE-DAY FACULTY DEVELOPMENT PROGRAMME

Maharajah's College of Pharmacy
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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

20
YEARS
ACCOMPLISHMENT

June 09-13, 2025

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

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

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

CONVENER
Dr. M. Ramaiah
Principal, MRCP

About the College

Maharajah's College of Pharmacy (MRCP), established in 2004, stands as a premier institution under the esteemed *Maharajah Alak Narayan Society of Arts and Sciences (MANSAS)*—a distinguished educational trust founded in 1958 by the visionary and philanthropist **Late Dr. P.V.G. Raju**, the revered Rajah Saheb of Vizianagaram. Nestled within a serene and verdant 5-acre campus near Phool Baugh in Vizianagaram, MRCP offers an inspiring environment conducive to academic excellence and holistic development. The college is recognized by the *Pharmacy Council of India (PCI)*, New Delhi, affiliated with *Andhra University*, and accredited by the *National Board of Accreditation (NBA)*—a testament to its commitment to quality assurance and continuous improvement in pharmacy education. We are proud to be guided by **Shri Ashok Gajapathi Raju garu**, Chairman of the MANSAS Trust, a respected leader and former Union Minister for Civil Aviation, whose longstanding dedication to public service and education continues to inspire the institution's growth and vision. Under his leadership, MRCP has evolved into a center of excellence (CoE) in pharmaceutical education and innovation in the North Coastal region of Andhra Pradesh. MRCP currently offers **Diploma in Pharmacy (D.Pharm)** and **Bachelor of Pharmacy (B.Pharm)** programs, integrating rigorous academic instruction with hands-on training and a strong foundation in professional ethics. The institution promotes a learner-centric approach that nurtures intellectual curiosity, clinical proficiency, and social responsibility. With a vibrant academic community of dedicated faculty, motivated students, committed staff, and accomplished alumni, MRCP is steadfast in its mission to advance pharmaceutical sciences and contribute meaningfully to societal well-being. Strategically located just 5 kilometers from both the Vizianagaram Railway Station and RTC Complex, the college is easily accessible and actively engaged with the local community it proudly serves.

Vision
To emerge as a center of excellence in pharmacy education, research, and practice by fostering innovation, ethical values, and community engagement.

Mission
M1: To provide accessible and inclusive pharmacy education, especially to students from rural and underprivileged backgrounds, through state-of-the-art infrastructure, modern laboratories, and qualified, dedicated faculty.
M2: To implement innovative, experiential, and student-centered teaching methodologies integrated with co-curricular and extracurricular activities that foster critical thinking, leadership, and ethical values.
M3: To inspire and prepare students for higher education, research, successful placements, and entrepreneurial ventures in pharmaceutical sciences.

E-certificates will be issued to participants who attend at least 80% of the sessions



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About the FDP

PHARMA-EDGE 2025 is a five-day Faculty Development Program focused on advancing interdisciplinary knowledge in pharmaceutical manufacturing, healthcare innovation, and data-driven analytics in pharmacy education. Designed as a cross-disciplinary initiative, the program aims to empower pharmacy educators with cutting-edge knowledge, practical tools, and forward-looking perspectives across emerging domains.

With contributions from distinguished experts in engineering, medical sciences, management, and information sciences, the FDP seeks to bridge the gap between academic instruction and the evolving demands of the pharmaceutical industry. The program features expert-led sessions on green chemistry, artificial intelligence in drug discovery, biomedical devices, pharmaceutical wastewater management, rational use of medicines, and more—each carefully aligned with the pharmacy curriculum and outcome-based education goals.

Objectives of the FDP

- ✓ To enrich pharmacy faculty with interdisciplinary innovations and research-driven practices relevant to pharmaceutical education.
- ✓ To promote pharmaceutical and technological integration in teaching modules such as drug design, analysis, manufacturing, and patient-centric care.
- ✓ To foster awareness and application of AI, machine learning, and digital tools in pharmaceutical research and pedagogy.
- ✓ To strengthen faculty competence in academic documentation, QCI/NAAC/NBA compliance, and outcome-based education.
- ✓ To encourage entrepreneurial and supply chain insights crucial for modern pharmaceutical industry readiness.

Who Can Participate

This FDP is open to:

- ✓ Faculty Members from Pharmacy Colleges
- ✓ Research Scholars and Postgraduate Students in Pharmacy, Life Sciences, and Allied Health Sciences
- ✓ Practicing Pharmacists and Clinical Professionals interested in rational drug use and pharmacovigilance
- ✓ Faculty from Engineering Disciplines collaborating in drug development and manufacturing technologies
- ✓ Academic Administrators and IQAC/QCI/NBA/NAAC coordinators involved in curriculum planning and accreditation
- ✓ Librarians and Research Facilitators supporting academic publishing and digital literacy in pharmaceutical sciences

Last Date for Registration : 06-06-2025

Scan for Registration Form



Registration Fee
₹200

Registration details :

Link for Registration ---

<https://forms.gle/RNtMf5CMZ12XCMaG>

Payment Details :

A/c No: 253110100025820

IFSC Code: UBIN0825310

Union Bank, Phoolbaugh Branch

Upload payment screenshot during Registration

QR Code for Payment

Programme Schedule

Topic :
Green Chemistry Applications in Drug Development



Dr. G. RAM KUMAR
Associate Professor, MVGRCE

08.06.2025 @ 10.00 am

09.06.2025 @ 2.00 pm

Dr. P. SATEESH
Professor, MVGRCE



Topic :
Application of AI and Machine Learning in Drug Discovery and Design

Topic :
Energy saving opportunities for Pharmaceutical Industries



Dr. K. RAVI KUMAR
Distinguished Assistant Professor
MVGRCE

10.06.2025 @ 10.00 am

10.06.2025 @ 2.00 pm

Dr. CH. V. RAVI SHANKAR
Associate Professor, MVGRCE



Topic :
Closing the Loop : Wastewater to Compliance in Pharma Units

Topic :
Biomedical Devices and Sensors for Patient Monitoring



Dr. P. SURYA PRASAD
Professor, MVGRCE

11.06.2025 @ 10.00 am

11.06.2025 @ 2.00 pm

Dr. R. SATISH KUMAR
Associate Professor,
School of Management Studies



Topic :
Fundamentals of Pharma Supply Chain and Logistics Management

Topic :
Libraries role in supporting faculty of Pharmacy Education and Research



Dr. K. UMA MAHESH YADAV
Distinguished Assistant Professor
& Librarian, MVGRCE

12.06.2025 @ 10.00 am

12.06.2025 @ 2.00 pm

Dr. TENNETI SAI PRASAD
Associate Professor, MVGRCE



Topic :
Pharmaceutical Entrepreneurship

Topic :
Rational Use of Medicines : A Clinical Perspective



Dr. V. SUNITHA
Professor, MIMS

13.06.2025 @ 10.00 am

13.06.2025 @ 2.00 pm

Dr. V. NAGESH
Professor, MVGRCE



Topic :
Documentation for NBA/NAAC Accreditation & Outcome-Based Education

FDP on "PHARMA - EDGE 2025"

WhatsApp group invite:



Contact for Queries

✉ Email : mrcpseminars2004@gmail.com

☎ Phone : 7032835351, 8125664971, 9398683832, 9398104259

🌐 Website : www.mrpharmacy.co.in

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PHARMAED

Programme Brochure



DAY-1 (Afternoon Session)

Topic: Application of AI and Machine Learning in Drug Discovery and Design

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. P. Sateesh had outlined the AI and its classification related to machine learning. He discussed the applications of AI & ML in drug discovery and design, which is very interesting.

Date: 09.06.2025 @afternoon

Venue: Seminar Hall, D block



Session Venue Image



Delivering a lecture on classification of Machine Learning



Participants attending the session on the ways to adapt the use of AI tools



Felicitation of the Resource person



Estd. 2004



DAY-2 (Morning Session)

Topic: Energy Saving Opportunities for Pharmaceutical Industries

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. K. Ravi Kumar had explained the energy efficiency parameters. He elaborated the energy savings techniques which is impressive.

Date: 10.06.2025 @Forenoon

Venue: Seminar Hall, D block



Session Venue Image



Speaker demonstrating the methods and schemes related to energy saving techniques



Felicitation of the Resource person

విశాలంధ్ర

మహారాజా కాలేజ్ ఆఫ్ ఫార్మసీలో
ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రాం

విశాలంధ్ర - విజయనగరం
డాక్టర్ స్థానిక మహారాజా కాలేజ్ ఆఫ్ ఫార్మసీ వారు నిర్వహిస్తున్న ఐదు రోజుల ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రామ్ ఫార్మల్ ఈ డి.జి.ఈ. 2025 సోమవారం ప్రారంభమైంది. ఈ కార్యక్రమం జూన్ 9 నుండి 13 వరకు ఫ్యాకల్టీ మోడ్ (ఆన్లైన్) మరియు ఆఫ్లైన్లో కొనసాగుతుంది. ఈ సందర్భంగా కళాశాల ప్రెసిడెంట్ డా. ఎం.రామయ్య మాట్లాడుతూ ఈ కార్యక్రమం భారతదేశంలోని దాదాపు పది రాష్ట్రాల నుండి వచ్చిన అధ్యాపకల మొత్తం 98 మంది ఫ్యాకల్టీ సభ్యులు పాల్గొనడం విశేషమన్నారు. ఇందులో పరిశ్రమ, విద్య, పరిశోధన, నాణ్యత ప్రమాణాలు వంటి రంగాలలో నూతన సమాచారాన్ని అందించేందుకు నిపుణులు ఉపన్యాసాలు ఇస్తారు" అని తెలిపారు. సోమవారం లాండ్ లైటింగ్ కార్యక్రమంతో ప్రారంభమై, డా. జి.రామ్ కుమార్ డ్రగ్ డెవలప్మెంట్లో గ్రీన్ కెమిస్ట్రీ అనువర్తనలు అనే అంశంపై కొలి తిక్కల సావనలో ప్రసంగించారు. అనంతరం డా. పి. సతీష్ "డ్రగ్ డిస్కవరీ, డిజైన్లో మెషిన్ లెర్నింగ్" పై విశ్లేషణాత్మక అవగాహన ఇచ్చారు. ఈ కార్యక్రమంలో జాతీయ స్థాయి నిపుణులు జ్ఞానాన్ని పంచుకునే బేదికగా విస్తరించి చేయబడింది. కార్యక్రమం చివర రోజైన జూన్ 13న దాక్షమంట్లవర ఫర్ ఎస్ డి పి, ఎస్ పి పిసిఆర్ డిటెక్షన్ అవుట్ కమ్ బేస్ ఎడ్యుకేషన్ పై తిక్కల సావన తర్వాత, వారిడిక్టర్ నార్మన్ సర్టిఫికేట్ వంటివి కార్యక్రమం జరగనుంది.

Newspaper Clipping



Estd. 2004



DAY-2 (Afternoon Session)

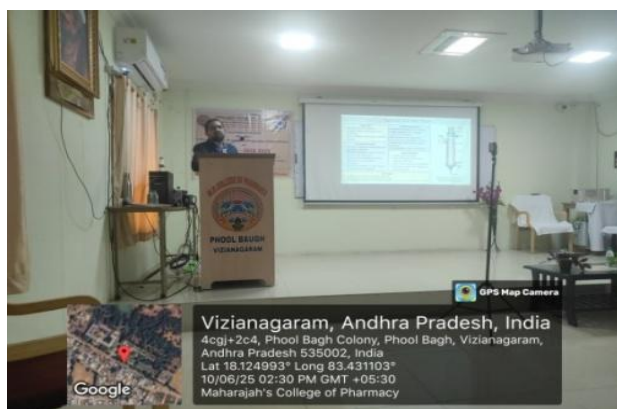
Topic: Closing the Loop: Waste water to compliance in Pharma Units

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. Ch. V. Ravi Shankar had explained the waste effluent management treatment. He discussed the applications of AI & ML in drug discovery and design, which is very interesting.

Date: 10.06.2025 @afternoon

Venue: Seminar Hall, D block



Session Venue Image



Delivering a lecture on the ways to minimize the exposure of effluent



Explaining the case studies



Felicitation of the Resource person



Estd. 2004



DAY-3 (Morning Session)

Topic: Biomedical Devices and Sensors for Patient Monitoring

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. P. Surya Prasad had emphasized the medical devices and sensors employed in pharmacy. He delivered brief information on applications of sensors and their importance.

Date: 11.06.2025 @Forenoon

Venue: Seminar Hall, D block



Speaker explaining the concepts related to topic



Lecture describing the working of scans



Felicitation of the Resource person

ఎంతో ఫార్మసీ కాలేజీలో ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం ప్రజాశక్తి-విజయనగరం

స్థానిక మహారాజా కాలేజ్ ఆఫ్ ఫార్మసీలో ఐదు రోజుల ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం సోమవారం ప్రారంభమైంది. దేశంలోని దాదాపు పది రాష్ట్రాల నుండి 98 మంది అధ్యాపకులు హాజరయ్యారు. ఈ సందర్భంగా కళాశాల ప్రెసిడెంట్ డాక్టర్ ఎం.రామయ్య మాట్లాడుతూ, పరిశ్రమ, విద్య, పరిశోధన, నాణ్యత ప్రమాణాలు వంటి రంగాలలో నూతన సమాచారాన్ని అందించేందుకు నిపుణులు ఉపన్యాసాలు ఇస్తారని తెలిపారు. డా. జి. రామ్ కుమార్ 'డ్రగ్ డెవలప్ మెంట్ లో గ్రీన్ కెమిస్ట్రీ అనువర్తనలు అనే అంశంపై ప్రసంగించారు. అనంతరం డాక్టర్ పి.సతీష్ 'డ్రగ్ డిస్కవరీ డిజైన్ లో మెషిన్ లెర్నింగ్' పై విశ్లేషణాత్మక అవగాహన కల్పించారు.

Newspaper Clipping



Estd. 2004



DAY-3 (Afternoon Session)

Topic: Fundamentals of Pharma Supply Chain and Logistics Management

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. R. Satish Kumar had elaborated the process flow of supply chain and logistics management. He discussed the statistics and regulatory compliance available in and around the world.

Date: 11.06.2025 @afternoon

Venue: Seminar Hall, D block



Differentiating the supply chain and Logistics management



Session Venue Image



Speaker explaining the overview of supply chain



Felicitation of the Resource person



Estd. 2004



DAY-4 (Morning Session)

Topic: Libraries role in supporting faculty of Pharmacy Education and Research

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. K. Uma Mahesh Yadav had explained the importance of Libraries and listed different digital resources and e-books; research databases which are available online, the session is very interesting.

Date: 12.06.2025 @Forenoon

Venue: Seminar Hall, D block



Delivering the information on journals



Session Venue Image

ముగిసిన ఫ్యాకల్టీ డెవలప్మెంట్ ప్రాగ్రాం



నేటి ప్రజలు, విజయనగరం, జూన్ 13:
 ఫూల్ బాగ్, విజయనగరంలోని మహారాజా కాలేజ్ ఆఫ్ ఫార్మసీలో నిర్వహించిన ఐదవ రోజుల ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రామ్ శుభ్రవారంతో ముగిసింది. ఈ కార్యక్రమం ఈ సోమవారం 9 నుంచి 13 వరకు హైలైట్ మోడ్ (ఆన్లైన్, ఆన్లైన్లో కొనసాగింది. ముగియపు కార్యక్రమంలో కాలేజ్ ప్రెసిడెంట్ డాక్టర్ ఎం. రామయ్య మాట్లాడుతూ ఈ ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రామ్ ద్వారా అధ్యాపకులు తీరగా నైపుణ్యం అభివృద్ధి చేసుకోవడమే కాకుండా, నూతన విద్యార్థులకు అవసరమైన అవగాహన పొందామని పేర్కొన్నారు. డాక్టర్ డి. సునీత 'రేషనల్ యూస్ ఆఫ్ మెడిసిన్' - ఆ క్లినికల్ పర్సెక్టివ్ అనే అంశంపై స్పృహదాయకమైన ప్రసంగాన్నిచ్చారు. 'రాశుమింటేషన్ ఫర్ ఎడ్యుకేషన్, ఎడ్యుకేషన్ అండ్ అవ్వబిలిటీ థేర్ ఎడ్యుకేషన్ అనే అంశంపై డాక్టర్ వి.నాగ్ విశ్లేషణ సెషన్ నిర్వహించారు. చాలామంది ఫ్యాకల్టీ సభ్యులకు ఉపయోగపడే వనరులు అందజేశారు. కార్యక్రమం ద్వారా అధ్యాపకుల జీవనా నైపుణ్యం, విద్యా ప్రమాణాలపై అవగాహన మనం పెరిగిందని చెప్పవచ్చు.

Newspaper Clipping



Felicitation to the Resource person



Estd. 2004



DAY-4 (Afternoon Session)

Topic: Pharmaceutical Entrepreneurship

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. T. Sai Prasad gave brief inputs on Entrepreneurship. He mentioned the techniques and the schemes available briefly.

Date: 12.06.2025 @afternoon

Venue: Seminar Hall, D block


Speaker giving the overview on Global statistics



Discussed the amendments and startup models



Newspaper Clipping



Felicitation of the Resource person



Estd. 2004



DAY-5 (Morning Session)

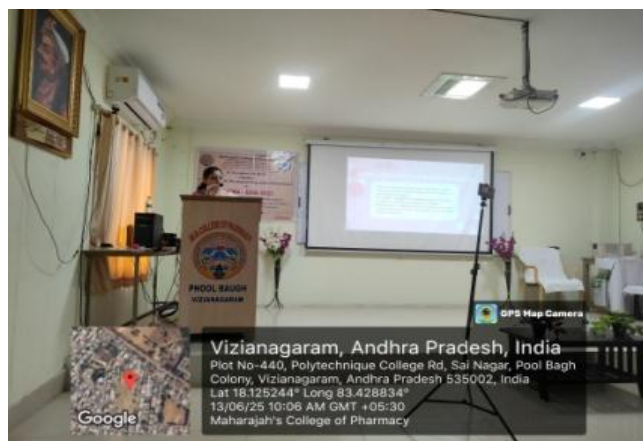
Topic: Rational Use of Medicines: A Clinical Perspective

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. V. Sunitha had enumerated the rational and irrational drug use with live clinical examples. She also highlighted the use of personalised medicine.

Date: 13.06.2025 @Forenoon

Venue: Seminar Hall, D block



Session Venue Image



Speaker explaining the rational use of medicine



Felicitation of the Resource person

విజయనగరం - పార్వతీపురం మన్యం 3

ముగిసిన ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం

విజయనగరం అర్బన్, జూన్ 13 (ఆంధ్రప్రభ) : విజయనగరం పూర్వ బాగ్ మహారాజా ఫార్మసీ కళాశాలలో జరుగుతున్న ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రాం ఫార్మా ఎడ్జ్ -2025 కార్యక్రమం శుభ్రవారంతో ముగిసింది. ఈనెల 9 నుండి 23 వ తేదీ వరకు జరిగిన ఈ ప్రోగ్రాం హైటెక్ మోడల్ (ఆన్ లైన్, ఆఫ్ లైన్) లో కొనసాగిందని ఆ కళాశాల ప్రిన్సిపాల్ రామయ్య తెలిపారు. ఈ కార్యక్రమం ద్వారా అధ్యాపకులకు బోధనలో నైపుణ్యాలు, నూతన సాంకేతిక విద్యా విధానంపై అవగాహన కల్పించినట్లు పేర్కొన్నారు. ఈ కార్యక్రమంలో డాక్టర్ సునీత, డాక్టర్ వి.నాగేశ్ పాల్గొని అవగాహన కల్పించారు.

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DAY-5 (Afternoon Session)

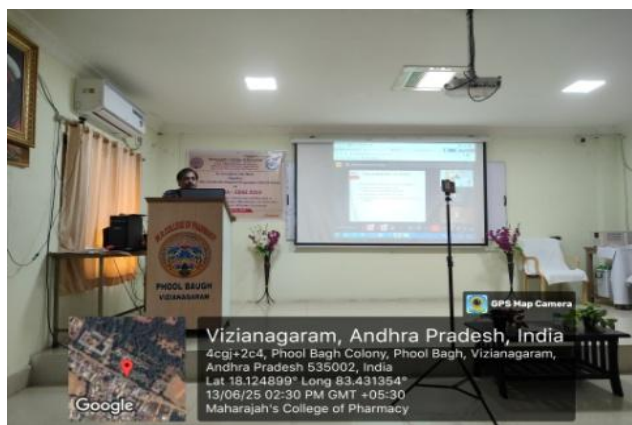
Topic: Documentation for NBA/NAAC Accreditation & Outcome-based Education

Programme Title: PHARMA EDGE 2025

Programme Description: Guest Speaker Dr. V. Nagesh had explained the process, documents required, assessment process, course files, research aspects that plays a key role in achieving good score in accreditation.

Date: 13.06.2025 @afternoon

Venue: Seminar Hall, D block



Venue Session Image



Speaker delivering about the documents that are to be compiled for accreditation



Felicitation of the Resource person



Valedictory session



Estd. 2004

Phool baugh, Vizianagaram- 535002 (A.P)

(A Unit of MANSAS Educational Institutions)

Affiliated to Andhra University, Visakhapatnam

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CERTIFICATE OF PARTICIPATION

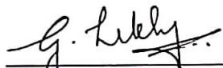
is proudly presented to

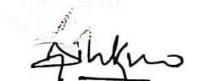
Dr. K.SITA KUMARI

has successfully completed and actively participated in the Faculty Development Programme "PHARMA-EDGE 2025" held from June 09 - 13, 2025, organized by Maharajah's College of Pharmacy, Vizianagaram. The participant has fulfilled the participation criteria by attending a minimum of 80% of the sessions.

We sincerely appreciate your enthusiasm, dedication, and meaningful engagement throughout the programme.




Mrs. G. Lekhya
 FDP Coordinator

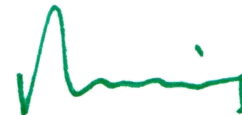

Dr. K. Sita Kumari
 IQAC Coordinator


Dr. M. Ramaiah
 Principal





IQAC Co-Ordinator



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