



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

MNR COLLEGE OF PHARMACY

**MNR NAGAR, FASALWADI SANGAREDDY
502294**

<https://mnrkop.mnrindia.org>

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

MNR Educational Trust (MNRET) was established in 1974 by Shri. M.N. Raju (Chairman, MNRET) with the noble aim to shape the students into proud citizens of India. The legacy of Education is continuing with visionary Vice Chairman Shri Ravi Varma Mantena (Vice chairman, MNRET). MNRET is committed to provide value based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to face global challenges. There are more than 78 institutions under MNR Educational Trust offering quality education in schools and higher education in the field of Medical, Dental, Homeopathy, Pharmacy, Physiotherapy, paramedical, Nursing, Engineering and Education. Presently about 50,000 students are pursuing education in the various institutions. All the institutions are recognized and approved by respective regulatory authorities.

MNR College of Pharmacy (MNR COP) is located at MNR Higher Education and Research Academy (MNR-HERA) Campus, Sangareddy, Telangana State. MNR-HERA campus is spread across 110 acres of lush green grass and at approximate travel distance of 1 hr from Hyderabad. The college is affiliated to Osmania University and approved by Pharmacy Council of India. The College is certified by ISO:2015. The institute is self-financed institute and offers B. Pharm, Pharm D, M. Pharm (Pharmaceutical Chemistry, Pharmaceutics and Pharmacology) and Pharm D (Post Baccalaureate) courses.

One of the major aim of the institution has been to work in creating awareness regarding its domain of work among the stakeholders as well as society as a whole. The institution provides a remarkable education in rural masses as it is located at rural part of Sangareddy district. This is evident in the various activities conducted at the institution. Apart from imparting Education, Institution believes in creating good citizens via conducting various life skill and social activities at the institution.

MNR COP provides the best-in-class facilities to its students, so that they can have a superior and remarkable experience that leaves lasting impressions. MNR COP offers academic program which includes industrial training with clinical exposure and visiting R&D labs and performing live projects in pharmaceutical industry.

Institution hopes that it marches ahead progressively in its pursuit of achieving its vision and mission.

Vision

MNR College of Pharmacy visualizes in becoming world class centre to impart the technical knowledge and research in pharmacy, aiming to contribute considerably in wisdom and humanity for the development of the apprentices to become highly disciplined and globally competent with ethical value.

At the same time MNR COP visualizes to be the centre of excellence in pharmaceutical education, training research and continuous professional development of pharmacists in rural area. The vision is being realised by the various programs conducted in the institution with the support of stakeholders.

Mission

- To inspire students to acquire Pharmacy education of international standards.
- To make professionally competent and ethical pharmacists of global standards to cater the needs of rural to global healthcare.
- To offer a challenging academic atmosphere in the institution
- To create a safe and disciplined college environment conducive to learning
- To Motivate and challenge the students to set high educational and research standards and to get through high expectations
- To develop, promote and nurture ethical values.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Professional institution recognized by AICTE/ Pharmacy Council of India and affiliated with Osmania University which is one of the renowned and oldest universities in India
- Well-experienced management with 50 years of service in the field of Education along with the internationally recognised head of the institution providing a favourable intellectual working environment
- Located on campus Spread of 110 acres of lush green to provide peace of learning
- Well-connected transport facility for students and staff from various areas of the city.
- Highly qualified staff with a high professional as well as ethical values to guide the students.
- Well-developed infrastructure facilities for curricular, co-curricular and extracurricular activities
- For the student welfare mentoring system, hostel facility on the campus separately for girls and boys, special guidance for competitive exams, career counselling, personality development sessions, Industry exposure, extra and cocurricular activities, and registered NSS for imparting moral values.
- Student support and placement. National and international integration of students.
- Entrepreneurship development opportunities.
- Laboratories with ultra-modern equipment for high-quality research.
- Library enriched with reference books, textbooks, national and international journals and periodicals.
- Central Library on campus with internet facility and Wi-Fi facility.
- Extended hours of the library before and after college hours for students' convenience
- Research publications in peer-reviewed national and international journals. Authored more than 10 Books indicating the command over subject knowledge.
- Extended hours of research laboratories before and after college hours as per research work requirements.
- Faculty quarters are made available on campus based on the request and availability.
- Vibrant alumni across the globe at distinguished positions and registered Alumni Association.

Institutional Weakness

- Rural location at times a weakness.
- The majority of students are having communication problems due to prior education in the regional language.
- Project funding through agencies and consultancy is yet to be established.
- The faculty needs to improve from basic research to advanced research to start thinking of startups, patents and commercialisation of inventions.

- The college needs to work more on strengthening productive activities in the Alumni Association.

Institutional Opportunity

- To enhance research and developmental activities through interacting with industrial experts.
- To collaborate with industry / other research laboratories / clinical trial industries for better exposure of the students.
- To augment infrastructure and learning resources.
- To encourage faculty for applying research grants to various funding agencies.
- To encourage faculty for Ph.D. or Post-doctoral programs.
- To communicate with more industries for student placement.

Institutional Challenge

- Due to outskirts and rural locations sometimes not getting specialised faculty.
- Students from a rural area, agrarian background, and regional language medium education sometimes pose a challenge.
- To Meet the growing expectations of stakeholders.
- To Bridge the gap between students from different backgrounds.
- To fulfil the continuously changing requirements of the pharmaceutical industry.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

MNR College of Pharmacy (MNR COP) is affiliated to Osmania university (OU) Hyderabad, Telangana State. The college adheres to the Academic Policy and Academic Calendar of Osmania University. The college has adopted credit Based CGPA system as prescribed by OU.

Effective curriculum planning is the key of excellence in quality education. MNR COP follows a systematic and well-planned curriculum delivery process in line with its core vision and mission. MNR COP ensures to provide all round development of the students by devising an activity calendar which includes curricular, co-curricular as well as extracurricular activities to provide student centric education.

To cope up with the technical standards of pharmaceutical industry various add on programs are designed for the UG and PG students. Total 32 add on programs were conducted during last five years to upgrade the student's academic knowledge. The students are encouraged to participate in the online programs like Swayam, NPTEL, seminars, workshops, symposiums and conferences to upgrade their skills. 83.15% of enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

The institutions take efforts to inculcate the ethical and moral values by focusing on subjects like environmental sciences and pharmaceutical jurisprudence. To ensure the holistic development of a student, various programs are conducted on gender equity and environment sustainability within the institution and neighbourhood.

The college has a mechanism to collect feedback on the curriculum from the stakeholders like students, teachers, employers and alumni. By analysing feedback constructively, the suggestions have been communicated to the university and changes has been made wherever possible.

Teaching-learning and Evaluation

MNR College of Pharmacy (MNBCOP) follows centralized admission process as per Directorate of Technical education/ TSCHE that is transparent with well-defined percentage of seats for general and reserved categories. The college maintains an enrolment percentage of 88.86, with a reserved category percentage of 73.28. The management quota seats are then filled on the basis of merit. The Student-Faculty ratio is maintained as per norms, with a Student-Full-time faculty ratio of 15.34. Experimental learning, participative learning and problem-solving methodologies are well practiced to ensure the holistic as well professional development of the students. ICT enabled teaching methods help the students in better understanding of the concept. The teaching staff at college is the blend of young-enthusiastic minds and experienced Ph.D. holders, from different states and universities of the country. They plan their teaching sessions in advance with a focus on course outcomes and delivery is supported by tools like LCD projector, e-journals and books etc. The software like Ex pharma, Clinirex are in practice for the student's convenience. The percentage of full-time teachers with NET/SET/SLET/ Ph.D. during the assessment period is 39.38.

At MNRCOP the teaching learning process is transparent. The teachers are encouraged to update their skills and knowledge by attending conferences and workshops. They strive to improve the teaching based on students' feedback. Every student's performance is evaluated on the basis of internal examination and end semester examinations. Each subject teacher derives the course outcome and map the level of attainment of course outcome with the program outcome. Throughout the program, the examination question paper of each course includes questions to test knowledge and understanding as well as for analyzing, problem solving ability through application-oriented questions. The exam assessment is transparent and students' grievances, if any, are resolved by individual teacher and examination department. A systematic approach is followed for conducting examinations and evaluations, maintaining a pass percentage of 82.02% over the past five years. IQAC of the college, supported by senior faculty members, monitors all curricular, co-curricular, and extra-curricular activities, ensuring necessary support is provided to teachers and students for effective teaching and learning processes.

Research, Innovations and Extension

MNR College of Pharmacy (MNBCOP) inculcates research culture in the ensuring involvement of undergraduate, post graduate students with faculty. The institute has received 0.4 Lakhs grant for conducting conference during last five years. The faculty has submitted the research proposals to various funding agencies like CSIR, SERB, DSIR. The management is perpetually cooperative in terms of providing financial support, incentives for good research work. The incentives are provided for presenting research paper/poster at conferences, publication in renowned journal which are indexed in Scopus/Web of Science and writing a book or book chapter. During last five years MNRCOP staff presented 88 research papers in various national and international Conferences. And published more than 200 research/review papers in various reputed journals. Staff of MNRCOP has published more than 11 books and 2 book chapters with the national and international publishers. Faculty members received Presentation awards for their best presentations. Based on the scientific contributions Prof. V. Alagarsamy, the Principal of MNR College of Pharmacy has been named among top 2% scientists in the world in the field of Pharmacy by The Stanford University, USA and he was also

conferred with FRSC by the Royal Society of Chemistry, London.

The institute organizes various seminars/webinars, workshops to create awareness in the students on intellectual property rights and entrepreneurship. The experts from the industry and research institution provides guidance on recent trends in the research through offline or online mode. Total 40 programs have been conducted during last five years.

MNRCOP has collaborated with 44 other institutions and 10 industries during last five years for various collaborative activities.

MNRCOP students participate in activities dealing with social and environmental issues under NSS Committee. They are motivated to participate in community health awareness programs, social responsibility awareness programs and environment awareness programs. The NSS volunteers have conducted 46 activities during the last five years in nearby rural areas. College has received five appreciation letters from nearby villages towards the contribution in awareness on various social issues.

Infrastructure and Learning Resources

Institute has adequate facility like classrooms, laboratories, (16 Classrooms and 21 Laboratories) computers and library for effective conduct of curriculum. The classrooms are equipped with audio-visual equipment and laboratories are equipped with functional equipment and instruments to facilitate effective teaching learning process. All the classrooms and laboratories have adequate ventilation. The teaching faculty and non-teaching faculty are provided with computer and internet facility. The central auditorium with the seating capacity of 1200 is well maintained with computer, internet, projector and sound system. Student – Computer ratio for the latest completed academic year is 4.38. One seminar hall with capacity of 100 seats is available at the institution. Washrooms with adequate water facility are maintained by the maintenance department. 69.28% of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years.

Institution has separate library for faculty and students along with central library which provides e-resources, journals and number of volumes of books for both faculty and students with DELNET and DELPLUS subscription.

Institute has canteen, stationary shop, xerox centre and ATM facility within the campus to serve the students. Institution also provides separate well-secured hostel facilities for both boys and girls. The hostel has a well-ventilated with the capacity of more than 200 student's occupancy for boys and girls separately. It has a very good dining hall with a capacity of 400 students.

College has adequate sports facilities for indoor and outdoor games. College provides a well-equipped gymnasium, basketball court, and playgrounds to play Cricket, Volley Ball, Throw Ball, Tennikoit and Kabaddi. Indoor games like chess, carrom, table tennis is frequently played by students during their leisure.

Fire extinguishers are installed in all the laboratories and corridors of the college building. CCTV cameras are also installed for security and safety in the campus.

Student Support and Progression

Institution takes all necessary efforts to provide guidance to students, enhance student performance and student progression. Students are provided with scholarships, freeships, through various government schemes and notified about non-government scheme circulars from time to time. 76.15% of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years.

For the capability and career advancement, guest lectures (guidance for competitive examinations and career counselling sessions), personality development sessions, remedial classes, personal counselling through specialized life skills, communication and language skills viz. Yoga and meditation sessions are organized. 44.41% of students benefited by guidance for competitive examinations and career counselling offered by the Institution during the last five years.

Final year students take up industrial training in pharmaceutical industry, retail or whole sale medical stores and Hospital pharmacy for skill up gradation and practical knowledge.

Majority of undergraduate students opt for higher education by excelling in various state, national and international competitive examinations. Institute's Training and Placement cell facilitates campus and off campus interviews for placement of students. There is 68.09% of placement of outgoing students and students progressing to higher education during the last five years. 46.55% of students qualified in state/national/international level examinations during the last five years. Received more than 55 awards/medals for outstanding performance in sports/ cultural activities during the last five years.

Students are encouraged to participate in various sports and cultural activities. On the occasion of Remembrance Day of national leaders, various competitions are organized within the campus. Average of 17.2 sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

For timely redressal of grievances, institute have committees like Antiragging and Grievance Redressal committee. For girls' special Women protection cell is there for hassle free communication. College has a registered Alumni association and conducts various activities including alumni meet and interactive sessions with alumni.

Governance, Leadership and Management

The strategic plan of MNRCOPS is based on the vision and mission of the institution. The institution attempts to uphold social values while planning and executing various curricular and co-curricular activities. The plan of execution revolves around the goal of moulding students into socially committed and professionally equipped individuals and empowering the institution as a centre for excellence.

The institution systematically organizes programs for students and faculty for academic and professional improvement. The institution has a well-defined organization structure to ensure the smooth running of all administrative and academic activities. For ease of administrative activity e-governance modules are placed effectively in all departments like admission, finance, examination, and student data maintenance. Effective staff welfare policy is designed which includes EPF, ESI, staff quarters, fee concession for children in MNRET school, free medical facility in the MNR medical, dental and homeopathy hospital, free transport etc.

In align with vision and to have more competent staff institution also follows financial assistance policy for

attending / performing research activities. 82.63% of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years. Administrative training programmes for non-teaching staff and FDPs for teaching are conducted regularly. 69.88% of teaching and non-teaching staff participating in Faculty development Programmes(FDP), Management Development Programmes(MDPs) professional development /administrative training programs during the last five years.

Effective staff appraisal systems are in place in an attempt to identify the staff that is performing well. To monitor the administrative efficacy, systems and checks such as internal and external audits for various processes are conducted regularly. Institution ensures the maximum utilization of resources from various sources and conducts financial audits regularly. Well-established IQAC is instrumental as a part of all developmental decisions of the college including infrastructural and academic development.

The institute gives due consideration to feedback obtained from stakeholders. Through proper feedback mechanism, institute evaluates the academic performance. The students have been given representation in almost all committees including IQAC, Grievance, etc. Existence of formal and informal grievance redressal mechanism for both the students and the staff.

Institutional Values and Best Practices

MNR College of Pharmacy strives to be a Centre of excellence in education providing the best learning experience, productive and creative learning in pharmacy. The institution facilitates conception of competent individuals with expected skill set rendering them employable and an asset to the society. The institution has established its distinctive approach towards this comprehensive vision by inculcating research aptitude in the faculty and students.

The institution takes care to foster gender sensitive culture through awareness programs and seminars. Women protection cell helps to maintain gender-neutral and healthy atmosphere for women.

Institute sensitizes the students to maintain communal harmony and National Integration. Grievances Redressal Committee and anti-ragging cell facilitate to create a safe and secure campus. The institution is keen to impart education based on human values and professional ethics.

The Green Campus Initiative has inculcated a culture of environment protection within the campus and create awareness in students to be environmentally responsible. The outreach activities are planned to mould the students into socially responsible citizens.

The institution follows a holistic learning experience by addressing the needs of the students through various student-centered learning sessions. The holistic approach is facilitated through various programs organized. These include orientation, motivational and student development sessions. Capacity building sessions facilitate crucial development in communication, language and disciplined lifestyle in students. Competitions, seminars and conferences, problem solving methodology through practical sessions and projects are diligently conducted skill development in students. Industrial training, career counselling and competitive examination training provided by the institution has pivotal impact on student progression.

The teaching faculty is equally equipped to adopt the holistic approach to the teaching learning process and adapt to the needs of students. Faculty development programs are conducted by the institution periodically.

Faculty are encouraged and rewarded with incentives to publish quality research papers and books, present their work at conferences, register for doctoral programs and other career developing courses. Best teacher awards and Best Researcher awards are presented on Teachers Day to motivate faculty to bring out their best version as a teacher. The institution strives to cater to its students in the best possible ways.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MNR COLLEGE OF PHARMACY
Address	MNR Nagar, Fasalwadi Sangareddy
City	Hyderabad
State	Telangana
Pin	502294
Website	https://mnrkop.mnrindia.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	V Alagarsamy	08455-230690	8500056663	-	p.mnrkop@mnrindia.org
IQAC / CIQA coordinator	P Subhash Chandra Bose	08455-230533	9848033974	-	principalmnrkop@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Telangana	Osmania University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	10-03-2021	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
PCI	View Document	01-02-2023	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	MNR Nagar, Fasalwadi Sangareddy	Rural	110	6627.63

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BPharm,Bachelor Of Pharmacy,	48	Intermediate	English	100	100
PG	Pharm D,Doctor Of Pharmacy,PB	36	B.Pharm	English	10	5
PG	Pharm D,Doctor Of Pharmacy,	72	Intermediate	English	30	30
PG	MPharm,Pharmaceutical Chemistry,	24	B.Pharm	English	15	10
PG	MPharm,Pharmaceutics,	24	B.Pharm	English	15	15
PG	MPharm,Pharmacology,	24	B.Pharm	English	15	15

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	9				9				25			
Recruited	7	2	0	9	6	3	0	9	4	21	0	25
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	14	16	0	30
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				12
Recruited	6	6	0	12
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	2	0	6	3	0	0	0	0	18
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	4	21	0	25
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	1	0	2
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	30	10	0	0	40
	Female	69	0	0	0	69
	Others	0	0	0	0	0
PG	Male	17	10	0	0	27
	Female	48	2	0	0	50
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	2	5	10	14
	Female	16	19	24	16
	Others	0	0	0	0
ST	Male	1	2	2	7
	Female	3	5	9	6
	Others	0	0	0	0
OBC	Male	50	57	38	43
	Female	62	56	72	80
	Others	0	0	0	0
General	Male	11	7	19	2
	Female	7	9	10	10
	Others	0	0	0	0
Others	Male	0	0	4	1
	Female	0	0	6	7
	Others	0	0	0	0
Total		152	160	194	186

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The Vision of National Education Policy, to provide high quality education to develop human resources in our nation as global citizens, is well taken by MNR College of Pharmacy (MNR COP). A discussion among the faculty members was initiated on the key principles of NEP, such as diversity for all curriculum and pedagogy, technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking, and creativity. In view of the NEP, MNR COP has initiated new interdisciplinary clubs integrating different specializations in addition to the existing Academic programs are redesigned time to time by affiliating university Osmania University to include</p>
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	<p>Multidisciplinary /Interdisciplinary courses as electives. All programs are designed in such a way that students have maximum flexibility to choose elective courses offered in other specializations. It is clearly understood that the affiliating University is proactively working towards the implementation of the suggestions given in the NEP. The motto of the National Educational Policy (NEP-2020) for higher education is to stop higher education fragmentation by transforming these institutions into massive interdisciplinary universities, colleges, and higher education institutions as Knowledge Hubs. The purpose of MNRCOP, according to NEP standards, is to be accredited by the National Assessment Accreditation Board (NAAC) with a satisfactory grade and to strive for excellence in pharmacy education. In addition, the college's curriculum can contain multidisciplinary programs. Our Institution, as part of its commitment to holistic and multidisciplinary education, has conducted a course on Human values and Professional ethics and yoga sessions for all students on campus. Additionally, our students participate in community outreach initiatives such as organizing health awareness programs, on various diseases like AIDS, Dengue, Breast Cancer, Rational use of medicines etc. were conducted in neighborhood villages. Leadership, effective governance, and Leadership for Higher Education institutions: A) MNRCOP is a self- finance private HEI affiliated to Osmania University, Hyderabad and it aims to become independent self- governing Institution pursuing innovation and excellence through accreditations and recognitions. B) MNRCOP has a strategic Institutional development plan which is in alignment with the vision of NEP.</p>
2. Academic bank of credits (ABC):	<p>Academic bank credits are a key component of the NEP-2020 that academic institutions must implement. Integrating Higher Educational Institutions in a globalized space is critical and urgent as we move forward. We have been implementing online courses through National schemes like SWAYAM, NPTEL, Coursera, etc, for our students and considering the credits earned.</p>
3. Skill development:	<p>The extension of addon programs along with curriculum is critical for hastening skill development. MNRCOP conducted personality development, interview skills with the support of TASK (Telangana</p>

	<p>Academy for Skill and Knowledge) for B. Pharm, PharmD, and M. Pharm students, as well as life-skills. MNR COP would walk on with an aim to ensure young students' empowerment and cater to the pharmaceutical company and Hospital demands in health care, MNR COP has a specific plan to follow: To develop workplace-related skills and attitudes through internship through "Internshala" and on-the-job training To focus on inclusion of good practices and innovations in teaching-learning Facilitating the horizontal mobility of vocational students To collaborate with industries for imparting practical skills and hands-on experience and design industry-relevant courses To introduce new learning methods with ICT Tools and digital tools, like Massive Open Online Courses (MOOC) and flipped classroom for training and empowering teachers. Developing and implementing a holistic assessment and evaluation system. To measure the achievements of learning outcomes by outcome-based education system for 360-degree assessment and evaluation of students. MNR COP believes in giving equal dignity for people pursuing add-on courses and contribute in developing the workforce of a country.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>The promotion of Indian arts and culture is beneficial not only to the country but also to individuals. Because pharmacy is a professional course, using English as a medium of communication and conducting course work in all pharmacy programs is required. The institution, on the other hand, commemorates significant dates and hosts activities in regional languages to instill a sense of regional pride. Republic Day and Independence Day are two examples of celebrations where students are addressed in their native languages. World Pharmacist' Day and Teacher's Day are two of the most important days of the year. Women's Day is a prominent day that is commemorated with cultural events. Sankranti Traditional Day, Rangoli Competition, Bathukamma Festival, Bonalu Celebrations, and Pre-Christmas, are the noted festivals that promote the national integrity and awareness of Indian National and Regional languages, as well as the culture associated with them. In MNR COP, all religious festivals and observations are given equal importance. National commemorative days, such as Constitution Day and</p>

	Yoga Day, are also observed.
5. Focus on Outcome based education (OBE):	<p>MNR College of Pharmacy has adopted outcome-based education in accordance with the standards of the National Board of Accreditation. with clearly stated program outcomes and course outcomes. All courses are designed with outcomes centered on cognitive abilities, namely Remembering, Understanding, Applying, analyzing, evaluating, and Creating. Apart from domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills, so that students contribute proactively to the economic, environmental, and social well-being of the nation. The Course Outcomes (COs) are also aligned with the PO philosophy. All course syllabuses have been designed by the affiliated Osmania University with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP. Community participation and service, environmental education, and value-based education are all part of an innovative curriculum that includes credit-based courses and projects. Lab experiments and mini projects with a focus on community health awareness & promotion are included in the curriculum. Professional Ethics & Human Values, Gender Sensitization are value-based education courses that are introduced in the B. Pharm. program. Environmental Sciences is a course that looks at all areas of environmental sustainability. Thus, MNRCOP has various community outreach initiatives, such as Student welfare Committee, National Service Scheme (NSS) which cater to community.</p>
6. Distance education/online education:	<p>Due to the COVID-19 pandemic, educational institutions in the country have become increasingly involved in using digital platforms for engaging classes, conducting conferences and meetings. Online education has broken the geographical barriers, creating interaction between experts and students from faraway places. The opening up of the economy, including that of educational institutions, has paved the way for the adoption of hybrid modes of education combining online and offline resources. This can be considered the new normal, which is envisaged in the New Education Policy as well. Due to the experience gained during the lockdown period of COVID-19, access to online resources by</p>

educators and students will not be a constraint anymore. Students are encouraged to take MOOC courses at MNR COP. MNR COP has successfully imparted all its course content in online mode during the COVID-19 pandemic with tools such as Zoom, Google Meet, the WebEx app, etc.

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Electoral Literacy Club is set up in MNR College of Pharmacy with the primary objective of sensitizing the student community about democratic rights which includes casting votes in elections. We conduct mock polling activities to give the experience-based learning of the democratic setup. We also conduct voter registration awareness program in association with Gram panchayat booth level officers within college and awareness rallies in neighborhood.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The Institution has an ELC functional with the following office bearers: 1. Dr. M. Satish Kumar - Associate Professor - ELC Coordinator 2. Mrs. D. Ramyasree - Asst. Professor - ELC Additional Coordinator 3. Ms. Rania Ahmed - V Pharm D student - Student Representative 4. Ms. T. Bhavana - IV Pharm D student - Student Representative 5. Mr. Vinay Kumar - III B Pharm Student - Student Representative</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Activities done by the ELC of MNR College of Pharmacy are as follows. 1. Our students participate in Voter Awareness Campaigns by conducting rally aimed at educating the public in the nearby villages. 2. To create awareness and interest among faculties and students through workshops in association with Gram panchayat of nearby villages. 3. To educate the targeted populations about voter registration, the electoral process, and related matters through hands on experience.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in</p>	<p>The ELC takes initiatives that are socially relevant to electoral related issues, especially awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes. 1. To help the</p>

<p>electoral processes, etc.</p>	<p>target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable and ethical manner 2. To develop a culture of electoral participation and maximize the informed and ethical voting and follow the principle ‘Every vote counts’ and ‘No Voter to be Left Behind’.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The students above 18 who are to be enrolled as voters are sensitized about democratic rights, which include casting votes in elections. We conduct mock polling activity to give the experience-based learning of the democratic setup with the help of Gram Panchayat officers. We also conduct poster presentations, debates, elocution, essay writing, and other programs that create awareness regarding electoral procedures. On the occasion of Voter’s Day, January 25, we conducted an awareness workshop for our students and all faculty, along with students, and took a pledge to cast our vote.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
692	676	609	577	596
File Description		Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 93

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
40	42	45	52	53

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
454.55	470.46	364.22	469.9	468.21
File Description		Document		
Upload Supporting Document		View Document		

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

MNR College of Pharmacy (MNR COP) is approved by Pharmacy council of India (PCI) New Delhi and affiliated to Osmania University, Hyderabad. MNR COP follows curriculum prescribed by the PCI and Osmania University. This curriculum is revised periodically by the statutory board (PCI) and University Board of Studies. The university publishes academic calendar every year. Academic calendar provides details regarding date of commencement of academic session, duration of semester/year, schedule for internal examinations and end semester/year examinations of an academic year.

The Internal Quality Assurance Cell (IQAC) takes the responsibility of monitoring effective delivery of the curriculum through a well-planned documented process. The Academic committee is formed every year with all senior faculty as its members and is chaired by the respective head of the departments. The academic committee prepare the time table by considering inputs from the IQAC which efficiently setup the units of time for academic and co-curricular purpose.

Implementation

1. The detailed information about the course, lab manuals, lesson plans are prepared by the faculty members and same is submitted to HODs. The time table is displayed on the notice board.
2. Mentor-mentee list is framed.
3. Students' performance is evaluated regularly through class tests, assignments and internal examinations.
4. Practical sessions focus on hands-on experience and laboratory records which are continuously assessed.
5. Syllabus completion is done on time, with sufficient time for revision.
6. In addition to the curriculum given by the affiliating University, the institution also conducts certificate or add-on programs.
7. The college motivates the self-study learning process of students by motivating them to register into various online courses.
8. The collaborative and cooperative learning includes internships, projects, field visits, industrial visits to improve and update the current scenarios and novel technologies adopted in industries.

Regular Review and action

- A class-wise meeting with mentors and class teachers is conducted and the minutes are documented at the end of semester.
- The academic meeting is conducted twice a year and the minutes of meeting is recorded.

- A review on attendance and performance of the students are monitored continuously every month by class teacher followed by principal.
- The academic quality of the slow learners is intimated to their parents by sending monthly memos.
- The institution follows the mentoring system to enhance the academic performance of students.
- Feedback from faculty and students at the end of every semester is analyzed for further improvement.
- All the academic documents are verified and if any lacunae found, it is rectified by taking appropriate measures and implemented by the principal.

MNR COP aims to achieve academic excellence and professional competence by the effective planning and implementation of the curriculum as prescribed by PCI and Osmania University.

File Description	Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 32

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional data in the prescribed format	View Document

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 81.9

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
646	628	411	385	510

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Being an affiliated college of Osmania University, our curriculum is bound with the University rules and regulations. However, much steps and measures are taken by the college to integrate cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics by organizing various programs under the control of different cells and clubs.

Gender: A women protection cell and gender equality cell functions in the college and headed by a lady faculty coordinator with lady faculty committee members and girl student's coordinator who look into the problems faced by the girl students. This cell also leads to empower, enrich and make them proficient of own decision makers.

The various activities of Women protection cell include the following

1. It organizes various kind of workshops and seminars to improve the self-confidence, self-defense and physical fitness of the girl students.
2. The institution celebrates women's day to create and promote awareness about women's right and gender inequality in all way of life.
3. Various skill development Programs like industrial training program, entrepreneurship Programs etc. are organized which are used to improve and attain their well and good livelihood.
4. The college also organizes number of extension lectures and various awareness programs about health, hygiene and better livelihood among the girl students.
5. Various kind of programs are observed by the college among the girl student community to create awareness about right to education and the impact of early marriages.

Human Values and Professional Ethics

The curriculum for undergraduate program planned by PCI and Osmania University includes various aspects of professional ethics and human values. It motivates the student's community to participate in

and learn more about the values and to practice them in their day-to-day life. Professional ethics in research projects of students and teachers are guaranteed by plagiarism check.

Environment and Sustainability

To trigger the students on environmental issues, institution organizes various programs like Haritha haram, Environmental day celebration, Awareness rally to avoid use of plastics and also maintains the pollution free campus by banning the use of vehicles inside the campus. Multidisciplinary courses on environmental sciences are included in all the undergraduate programs. Our institution initiates and take all necessary steps to amalgamate sustainability in all corners of its programs, processes and student experiences.

File Description	Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 38.29

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 265

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 88.86

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
175	182	159	148	150

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
185	185	185	185	176

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 72.85

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
83	86	76	67	61

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
103	103	103	103	100

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document

2.2 Student Teacher Ratio**2.2.1**

**Student – Full time Teacher Ratio
(Data for the latest completed academic year)**

Response: 17.3

2.3 Teaching- Learning Process**2.3.1**

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The teaching and learning process are major strength of MNR College of pharmacy. Students are provided with a perfect blend of traditional and modern methods to make learning process student centric. Experimental learning, participative learning and problem-solving methodologies are well practiced to ensure the holistic as well professional development of the students. The campus is Wi Fi enabled to ensure effective use of digital technology. The teachers use ICT enabled teaching techniques to ensure effective delivery of the lecture by using Wi-Fi enabled class rooms. Online e-resources are available in the library like DELNET and the students/staff are given access to the resources. Animal experiments are conducted using Ex-Pharm software in an effort to minimize animal usage. For clinical database of patients, Pharm D program uses CLINIREX software. Teachers also utilize the educational Videos available in an effort to strengthen the basic concept of the students since audio visual memory is proven to be more long term in retention. Teachers are encouraged to upgrade their pedagogical skills by attending workshops for same and share their views regarding any new technique, course which they

have come across that may prove to be beneficial. The institution adopts modern pedagogy to enhance teaching-learning process via;

- 1. Experimental learning:** It is implemented through practical hours, equipment simulations, industrial training / visits, Practice school, research projects, health awareness camps (Cancer Day, AIDS day, NPW etc.), NSS activities, add on courses and presentations /publications at various conferences/ journals which inspires young inquisitive pharmacist. Students get an opportunity and experience at first-hand learning about how the theoretical principles are applied. Live demonstrations and handling of instruments such as UV-Visible Spectrophotometer, HPLC, Dissolution, Diffusion Cell, GEL Electrophoresis, Soxhlet, Compound Microscope, Microbial Zone Reader, BOD Incubator, Auto Analyzer, Autoclave etc., is a regular practice.
- 2. Participative learning:** The ability of scientific and social participative learning and capability to communicate are developed among students by motivating them to participate in a spectrum of events like Poster presentations, e-Posters, Power Point presentations, quizzes, video making competitions, leaflet competitions, awareness campaigns and rallies.
- 3. Problem solving methodologies:** Students and faculty are encouraged to attend seminars/workshops related to spectral data analysis, detection/ assessment/ understanding/ prevention of adverse drug reactions and related problems. Assignments on topics like reaction mechanism involved in synthesis of drugs, interpretation of FT-IR/NMR/Mass Spectra. Practical experiments like determination of molecular weight by using colligative properties, chemical kinetics and stability testing of Pharmaceutical dosage forms, identification of organic compounds, factors affecting calculation of dose of drug will help students to solve problems encountered during experimentation. UG and PG students carry out research projects enhancing problem identification and solving skills of the students. Observational and interventional clinical studies are always a part of hospital-based projects for pharm D students.

File Description	Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 77.59

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
60	60	60	60	59

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 43.97

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
19	19	18	24	22

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Internal assessment of student is a continuous process for every semester. The students are assessed through internal exams, quizzes, assignments, class test, projects, case studies etc. Class test is usually taken after completion of each unit. The results of the class test are shown to the students and they are informed the scope of improvement. This ensures that the student answers the question in proper manner in the case of same question arises in the internal/ university examination. The transparency in the

examination process is followed as per the guidelines of the Osmania University. The same guidelines are also applied to internal assessment examination wherever applicable. After the completion of internal exam, papers are evaluated and discussed with students. Any change of marks or entry of total marks are rectified by the subject teacher. The staff discuss the evaluated paper with the students individually, giving attention to the area of improvement. The mark list of the subject is displayed on the notice board only after each student has checked his/her marks and are satisfied with it. In case of any discrepancy, the paper is re-evaluated by other staff in order to provide fair evaluation. Students have easy access to staff regarding correction of marks at college level. Prior to submitting the answer papers to the examination department, each staff ensures that any evaluation related conflict is resolved. An active grievance redressal committee ensures that the exam related grievances are resolved in a time bound efficient manner. Students are encouraged to voice their grievances without any fear of being judged/targeted by teachers/peers. Both direct/indirect mode of grievance reporting are considered for fair evaluation process.

Any grievances of the students related to university examinations such as online form submission, queries related to hall ticket viz. correction in name/ subject/ subject code/ programme/ pattern, wrong entry of marks and absentee etc. are addressed at college and university level in time-bound manner under the guidance of examination department of college. The office and examination department guide students to apply grievances through online portal of Osmania University.

After completion of Semester exam, University usually declares the result within 40 to 45 days. Students can apply online for revaluation within 10 days after the declaration of the result. The result of revaluation is declared within 45 days. If there is any change of marks, university makes the changes and if there is no change the earlier marks are retained.

File Description	Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

In order to measure the Program Outcomes (POs), the institute defines Course Outcomes (COs) for all the prescribed courses in all the programs offered. These parameters are assessed periodically to understand whether the Program Outcomes are achieved or not. The institute uses assessment tools to evaluate students' knowledge and ability to apply their skills in continuous assessments like sessional examinations, end-semester examinations, assignments, and Projects.

The Primary objective of POs and COs is to impart knowledge and enhance skills which are vital for building capacity and personality. After the course (subject) allotment, the course in charge (subject

incharge) will draft appropriate COs for their assigned course. The Head of the Department will review the CO statements done by the course in-charge. Lesson plans are prepared with Course Objectives, Course Outcomes, teaching tools and the total number of teaching hours at the beginning of the academic year.

Assessment and Attainment methods - The Various Assessment tools are as follows:

- Internal and External Theory Examination
- Internal and External Practical Examination
- Assignments
- Projects

Course Outcomes (COs) attainment for each subject are evaluated through the internal and external examinations as well as assignments and project works. Assignments are given to students such that they refer textbooks and reference books to find out the answers and understand the objective of the assignment.

Assignments are aligned with COs of the respective subject. According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific COs of the subject.

At the end of semester /end of academic year, University conducts examinations which is used as indicator of attainment of COs. Two internal examinations are conducted per semester for B.Pharm and M Pharm programs and three internal examinations per year for Pharm D and Pharm D Post Baccalaureate programs to evaluate the achievement of corresponding COs in each subject.

Final POs attainment is based on the direct assessment methods and cumulative grade point assessment (CGPA) method. The institution has fixed a benchmark for existing programmes for the calculation of CO attainment. CO of each subject is linked with PO. Weightage of CO is linked with Continuous Assessment (CA) and Internal Assessment (IA) examination. These marks along with University examination marks is considered for CO attainment.

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

B. Pharmacy and M. Pharmacy: Course outcomes (COs) in the theory subjects are measured using internal marks and external marks. Internal marks are calculated for 25 marks in which an average of two internal examinations contributes to 15 marks and continuous mode assessment (CMA) contributes to 10 marks. CMA marks are calculated based on attendance (4 marks), academic activities (3 marks), and Student-teacher interaction (3 marks). External examination marks are released by Osmania University in the grade scale for 75 marks examination along with internal marks (25). If the students get at least a

minimum of 50% marks including internal marks and external marks, then he/she considered to attained the COs. If the total mark is less than 50% then he/she has failed to attained the COs.

COs in the practical subjects are based on their performance and viva marks in practical class. During the examination students are assessed for 10 marks and CMA marks are calculated based on attendance (2 marks), academic activities (1.5 marks), and Student-teacher interaction (1.5 marks). External examination marks are released by Osmania University in the grade scale of 35 marks examination along with internal marks (15) up to VI semester. In final year, Practice school marks are evaluated for 150 in VII semester and project marks are evaluated for 150 in VIII semester based on their performance in Osmania University viva-voce.

COs in the practical subjects is measured for M. Pharmacy based on their performance and viva marks in practical class. During the internal examination, students are assessed for 30 marks and CMA marks are 20. External examination marks are released by Osmania University in the graded scale for 100 marks examination along with internal marks. If the students get at least a minimum of 50% marks including internal marks and external marks, then he/she considered to attained the COs. Research work marks are evaluated for 350 in III semester and Research work and Colloquium marks are evaluated for 400 in IV semester by The Osmania University.

Pharm D and Pharm D PB: COs in the theory subjects are measured using internal marks and external marks. Internal marks are calculated for 30 in which average of the best of two internal examinations contributes to 30 marks. External examination marks are released by Osmania University in the marks scale of 70 marks examination along with internal marks (30). If the students get at least a minimum of 50% marks including internal marks and external marks, then he/she is considered to attained the COs. If the total mark is less than 50% then he/she has failed to attained the COs.

Course outcomes in the practical subjects is measured based on their performance and viva marks in practical class. During the internal examination, students are assessed for 20 marks and assignment marks are 10. External examination marks are released by Osmania University in the marks scale for 70 marks examination along with internal marks (30). If the students get at least a minimum of 50% marks including internal marks and external marks, then he/she is considered to attained the CO. If the student fails to attain either theory or practical COs, he/she has to reappear for the external examination of both theory and practical examinations.

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 79.74

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
132	120	122	105	123

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
180	158	139	130	148

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document

2.7 Student Satisfaction Survey**2.7.1****Online student satisfaction survey regarding teaching learning process****Response:** 3.93

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	00	0	00

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

MNR College of Pharmacy has taken tremendous steps to establish the research and innovation ecosystem for encouraging the faculty and students to be actively involved in the current trending research field of pharma and healthcare sectors. Institution arranges seminars and guest lectures by inviting eminents from Pharma industry and research centers who has the expertise to improve and initiate the innovative research in faculties and students.

MNR Institutional library provides books of different disciplines and research journals to improve the source of literature. MNR Foundation for Research and Innovation Centre, located in the campus provides support to enhance the research ecosystem.

The institution takes the necessary steps to engage in innovation by arranging a series of national and international conferences and seminars. International and National conferences were conducted in the year 2018, 2019, 2020 and 2021 with the financial support of the management. In the year 2020, Conference on Innovation and Opportunities in the Profession of Pharmacy was partially funded by

CSIR funding (ref no: SYM/10596/19-HRD dated 17/02/2020).

During the pandemic, webinars were organized to support the faculty and students in overcoming the pandemic situation and being updated on the latest developments in the field.

In 2019, Osmania University approved the MNR College of Pharmacy's Institutional Research Labs as research Centers for carrying out PhD research and also granted Ph.D research guideship for faculty members. Based on the credentials of our faculty, PhD guideships were given by other Universities like JNTUH, SRU etc.

Our faculty members are encouraged to apply for research grants to various funding agencies like DBT, DST, TSCOST, SERB, AICTE, CSIR and also encouraged for other collaborative research projects. The Institution awards incentives to the faculty members for their research works, IPR, Research Grants, and publication on Teachers Day every year.

The Institution has MoUs with national and international academic, research and industries for the ease of collaborative and joint research as well as student and faculty exchange programs. Stanford University, USA named our Principal Dr V. Alagarsamy among top 2% scientists in the world in pharmacy for the consecutive three years (2020, 2021 and 2022). He was also conferred FRSC by the Royal Society of Chemistry, London based on his achievements in research and innovation. Many of the faculty members innovations are patented recently.

In the year 2022 Institution has received approval from the Ministry of Education (MoE), Government of India to establish 'MoE's Innovation Cell (MIC) as the Institution Innovation Centre (IIC) (IC202216321) to systematically foster the culture of Innovation among the faculty and student.

As per the recommendation of MoE, necessary steps have been taken to establish MIC to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. The network of IICs is established to promote innovation and entrepreneurship in the Institution, leading to an innovation promoting ecosystem.

File Description	Document
Upload Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 25

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
02	03	3	05	12

File Description	Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.71

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
20	05	16	16	09

File Description	Document
Institutional data in the prescribed format	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.11

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
02	06	01	01	00

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The college organizes number of extension activities to promote awareness in the neighborhood community and to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college is taking various initiatives to improve the quality of life of people surrounding the institution. The institution insists all the students to be a part of various social programs through the activities conducted by the Institution. These activities are initiated by the Principal and IQAC members, through the National Service Scheme (NSS). The main objective is to create social awareness and social responsibility among the students and faculty.

The IQAC directs NSS unit in its responsibilities for shaping students into responsible citizens of the country. Various programs related to Environment protection, Forest Day, Personal Health and diet, AIDS, Cancer, communicable diseases, Road Safety, Voters Day, Swachh Bharat Abhiyan, Health check-up camps, charity programs etc. are organized. All the activities have a positive impact on the students and it developed student-community relationship, leadership skills and self-confidence in students. Such activities surely inculcate social responsibility among students. The activities conducted lead imbibing the values of social responsibility such as:

1. To help people in need and distress
2. To understand the needs of the society we live in.
3. To promote cleanliness in public places.
4. To acquire social values and a deep interest in environmental related issues.

Learning outcomes of the activity includes:

1. Enhanced knowledge of social problems and to search for solutions by getting involved with their lives.
2. Develop a passion and brotherhood towards community, affected people or wildlife
3. Develop skills (social skills, communication skills, management skills, leadership skills, analytic skills) and aptitude for problem solving.
4. Build up relations and tie up with organizations/NGO to carry forward humanitarian work in future.

3.4.2**Awards and recognitions received for extension activities from government / government recognised bodies****Response:**

The institution imparts Professional Ethics and Human Values as part of the academics, and awareness programs activities through the National Service Scheme (NSS). The college sensitizes the faculty and the students on institutional social responsibilities. NSS units of the institute regularly conduct camps in the nearby villages in order to create an insight into the societal needs in the minds of the students.

MNR College of Pharmacy has received Appreciation Certificates / Awards from the following organization:

Name of the Awarding government/ recognized bodies	Year of award
Government Polytechnic College, Ismailkhanpet, Sangareddy	2022-23
Hanuman Nagar Gram Panchayat Office, Sangareddy	2022-23
Anganwadi, Hanuman Nagar Panchayat, Sangareddy	2022-23
Gram Panchayat Office, Maddikunta, Sangareddy	2022-23
Gram Panchayat Office, Gudi Thanda, Sangareddy	2018-19

File Description**Document**

Upload Additional information

[View Document](#)**3.4.3**

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 46**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
06	06	07	09	18

File Description	Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 15

File Description	Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The college campus is spread over 110 acres with a magnificent building. The campus is set in a tranquil and beautiful green area with many trees and plants, providing a wonderful atmosphere in which to offer mindful higher education. The following Facilities are available in the institution:

- **16 Classrooms and 21 Laboratories**
- Each classroom is designed with enough ventilation and lighting. LCD projectors, an audio system, and ICT equipment are available in the classrooms to give successful lessons. Laboratories that are up to date and meet the requirements of the Affiliated University and the PCI.
- One central auditorium with 1200 seating capacity with audio-visual and ICT equipment is available to help with meetings, seminars, workshops, and conferences.
- One seminar hall with a capacity of 100 seats is available at the institution.
- 1000 Mbps internet bandwidth with Wi-Fi access points that may be regulated, and an optical fibre-connected network for internet access around the college.
- Computers, printers, and other office supplies are available in the department's staff rooms.
- Separate Lady's common rooms and boy's common rooms are available
- Stationery stores, and Xerox facilities within the campus for the immediate needs of the students.
- A canteen facility with quality and hygienic food is serving the needs of students and faculty.
- ATM facility.
- Purified Drinking water supply on every floor.
- **Transport Facility:** The college is providing transport facilities for day scholars and faculty members from various interior routes in Hyderabad and Sangareddy.

Library: The institution has a central library facility which provides a vital role in providing resources and enhances the knowledge of the faculty and students. It is housed with a seating capacity of 100. It also offers digital resources like DELNET and e-journals and reference books with more volumes of textbooks which is useful for seeking knowledge. Updated e-resources/digital resources/databases are made available online /offline for competitive exams. It provides a book bank facility for all students. It provides free internet- Wi-Fi /facility for both faculty and students.

Institution has separate library for faculty and students along with central library which provides e-resources, journals and a number of volumes of books for both faculty and students.

Sports Facilities: The College has adequate sports facilities for indoor and outdoor games. The college provides a well-equipped gymnasium, basketball court, and playgrounds to play Cricket, volleyball, Throw Ball, Tennikoit and Kabaddi.

- **Cultural Activities:** The college conducts various cultural activities such as cultural fest, farewell, fresher's day, etc., in the auditorium a capacity of 1200 seats.
- **Hostel Facilities:** The college provides Separate well-secured hostel facilities for both boys and girls. The hostel has a well-ventilated more than 200 students for boys and girls separately. It has a very good dining hall with a capacity of 400 students.
- CC Cameras are installed for security purposes on campus.

File Description	Document
Upload Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 1.13

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
6.26	2.18	0.65	7.51	8.49

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS),

adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

MNR College of Pharmacy and the MNR Educational Trust have two libraries - the central library and the institutional library. The institutional library has an Advisory Committee, that monitors and maintains the library regarding the purchase of books, journals and software and the renewal of the journal and software subscription. The total area of the library is 245 Sq. Mtrs and seating capacity are 100. Working hours on all working days are from 9.00 am to 5.00 pm. The library has qualified staff. The Print books are 9688 in number, B Pharmacy, M Pharmacy and Pharma D thesis books are available in the library. Library provides 25 printed journals of which 5 are international and 20 are national journals. It also preserves bound volumes of old journals for reference purposes.

The library is maintained by the librarian with a neat display of books on the racks, display of journals on the racks and also verification of the library books regularly. Library maintains book-issuing registers of students and staff, and files of previous question papers separately for each course and year. The books and materials in racks are cleaned regularly. The library is attached with a reading room which is also maintained under the supervision of the librarian. A question bank is also maintained.

Library automation is done with DelPlus software. ICT facilities - OPAC software is available. Computers with an internet speed of 10 Mbps are provided. These computers are provided with e-resources, online access, DELNET, Experimental Pharmacology software for performing the practical classes in Pharmacology, Clinirex software for identifying drug actions and e-journals. The updated list of e-resources/ digital resources/ databases is made available online /offline. Internet facility, and Digital Library facility are made available. SC&ST book bank scheme is also maintained in the library.

The library is primarily for the use of faculty, research scholars, students and non-teaching employees of the college. The students can also use the central library which has over 38,575 volumes and belongs to various departments of classified textbooks, reference books with study areas for graduate and post-graduate students, and for faculty. A total of 325 National and international journals 1225 e-journals and 487 e-books and other medical education-related e-resources are available. The library also has a huge collection of educational CDs, audio, and videos providing vast information on every aspect of human illness and treatment procedures.

The seating capacity of the central library is 250 and timings on working days are 9.00 am to 8.00 pm, and during holidays 9.00 am to 5.00 pm. Daily about 250 members are utilizing library facilities of both institutional and central libraries.

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

MNR College of Pharmacy has a realistic approach to improving IT facilities for advancement in learning techniques and furthering research.

The institute updates the IT facilities regularly. The network is accessible on the campus with an updated IT framework, and computing and correspondence assets, offering students facilities of email, netsurfing, use of web-based and electronic applications, and helping them in planning for tasks and classes. College has State-of-the-Art laboratories with sophisticated servers, providing highly interactive learning environments with full-fledged hardware and software training facilities.

All labs and central computing facilities are associated with LAN and internet connection is given to all computer centers of the campus. Single systems with access to web/internet assets under a uniform system approach are additionally made accessible. 100 mbps internet bandwidth is provided to keep up excess free web availability.

The college is Wi-Fi-empowered with high throughput indoor and outdoor Wi-Fi access points. The institute has a day-in and day-out Wi-Fi facility for students and employees who also benefit from web access on the campus. Students and employees are given access to electronic databases which enables them to utilize e-learning resources.

Classrooms are equipped with LCD Projectors, audio-visual equipment and internet with Wi-Fi facility. LCD Projectors and LCD screens are provided gradually in all the classrooms as part of ICT Facilities.

Bio-Metric machines are used for employees' and students' attendance recording, connected to the server at the hub location. Upgradation arrangements on a regular basis are incorporated into the yearly spending plan.

Computers are gradually increasing with high configurations year after year. Old configurations of systems were replaced with the latest configurations as per university norms. The majority of Pentium systems were replaced with Core2 Duo in the year 2014-15, During the academic year 2016 -17 systems were upgraded to i3-processor and further again upgraded to i5 & i7 processor during the academic year 2017-18.

All labs and central computing facilities are connected to LAN. Internet bandwidth gradually increased from 30 Mbps to 100 Mbps from BSNL, GTPL Broad Band Pvt. Ltd and City Online service providers during the last 5 years. Wi-Fi access points are also updated at regular intervals as and when required.

A sufficient number of printers and scanners are available on campus and the number of printers and scanners are added according to the requirement. Licensed and open-source software are available in all departments depending on requirements, which are upgraded to meet the standards as provided in the syllabus.

CC Camera Surveillance: The entire campus is under CC Camera surveillance.

4.3.2**Student – Computer ratio (Data for the latest completed academic year)****Response:** 4.49**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 154

File Description**Document**

Purchased Bills/Copies highlighting the number of computers purchased

[View Document](#)**4.4 Maintenance of Campus Infrastructure****4.4.1***Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)***Response:** 14.39**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
36.17	25.98	56.70	102.9	98.67

File Description**Document**

Institutional data in the prescribed format

[View Document](#)

Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)

[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 75.02

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
596	553	452	380	382

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills*
- 2. Language and communication skills*
- 3. Life skills (Yoga, physical fitness, health and hygiene)*
- 4. ICT/computing skills*

Response: A. All of the above

File Description

Document

Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 43.75

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
258	308	280	341	191

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: B. 3 of the above

File Description**Document**

Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance

[View Document](#)

5.2 Student Progression**5.2.1**

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 65.91

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
90	107	111	90	97

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
180	158	135	130	148

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 46.55

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
35	32	26	07	08

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 0

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 5.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
07	08	02	05	05

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

MNR Pharmacy College Alumni Association is a registered body that is very active in providing support in every aspect in the process of the growth and expansion of the institution. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute.

Alumni of MNR College of Pharmacy are working in various positions across the globe, leading successful careers as employees, entrepreneurs and academicians. They share their experiences and knowledge and suggest the current students. Through alumni meets, a strong bond is created between the alumni and the students.

Objectives of the Alumni Association:

1. To provide a platform for interaction between alumni, present students, faculty of the college and administration.
2. To make available the expertise and experience of the alumni for the development of research and educational activities of the college.
3. To arrange and conduct meetings of the alumni.
4. To encourage them to guide the students career path and higher education
5. To provide assistance and facilities in the overall development of the institution.
6. To promote campus placements and to provide guidance to the students for their future endeavors in employment and higher education

Many students have been pursuing studies abroad in countries like USA, Australia, Canada, Germany and UK. Notable alumni are invited to interact and share their knowledge, views and ideas with current students and guide them in career planning. Alumni contribution over the years have been utilized to the updation of library and academic support facilities. Alumni association contributes in establishing a well-defined culture of togetherness and knowledge development in the institution.

File Description	Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The governance of the institution is reflective of an effective leadership in tune with vision and mission.

The college works with a clear **Vision**, anticipates in becoming world class center to impact the technical knowledge and research in pharmacy, aiming to contribute considerably in wisdom and humanity for the development of the apprentices to become highly disciplined and globally competent with ethical value. Strive to emerge as a center of excellence by continuing with a special focus on research and development.

Mission: To inspire students to acquire Pharmacy education of international standards especially to the socially and economically backward students with a view that education will make them economically independent. Offering a challenging academic atmosphere in the institution, so that they can face the problems of the rapidly changing complex world. Creating a safe and disciplined college environment conducive to learning and continuously maintaining ethical standards to make our students responsible, sensitive, socially committed to develop democracy, secularism, and peace. Motivating and challenging the students to set high educational and research standards and to get through high expectations. Work out knowledge enhancement programs for students for societal development. To promote research and development and shape the students by honing their innate skills so that they have the ability and readiness to develop entrepreneurship.

There is a hierarchical administrative system in place, wherein junior faculty will be taking care about the sections of the departmental responsibilities, in-turn supervised by heads of the respective department. The principal along with vice-principal will be accountable for the overall administrative control of the institution.

The qualitative assessment of the functions in the system are observed and assessed by various committees with respective chairpersons and coordinators. In-charges for different criteria and qualitative assessment are in-place to conduct periodical reviews. IQAC is the apex body in the institution which takes care of entire quality assessment.

The policies and procedures were endorsed by the Management of MNR Educational Trust to serve as guidelines for actions and decisions regarding academic policies and procedures. Any individual who seeks admission to this college voluntarily places oneself under the rules and regulations of the college, affiliated hospital and the individual agrees to abide by these rules and regulations. The MNR College of Pharmacy is maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, and classrooms.

Administrative Structure: The Principal of the MNR Pharmacy College is the Chief of Academic and has overall responsibility for the college's education and research. The various functions related to pharmacy education are distributed among members of the Office of the Principal. Services coordinated by these offices have been designed to assist students in achieving their educational goals and include financial aid counselling and processing registration and course scheduling, personal, academic and career counseling and other services. The students and faculty are supported by the administrative officer and various sections in the administrative office. Each faculty member has responsibility and authority for matters pertaining to the general attendance and classroom/clinic conduct of students. Faculty members have the responsibility to notify students which class/clinic activities are mandatory.

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The strategic plan of MNR College of Pharmacy is based on the vision and mission of the institution. The institution attempts to uphold social values while planning and executing various curricular and co-curricular activities. The plan of execution revolves around the goal of moulding students into socially committed and professionally equipped individuals and empowering the institution as a centre for excellence.

The goal of the institution shall be achieved through the various activities of the IQAC who plans and deploys activities to cater to the needs of students and faculty. The major highlights of the strategic planning are:

- Empowering the institution to become centre of excellence in academic activities
- Establishing Research Centre with art of the state facilities and infrastructure
- Training students to become employable graduates with professional skill sets.
- Enhancing the social and communication skill set of students
- Moulding socially committed individuals by deploying diverse extension and outreach activities.

The institution systematically organizes programs for students and faculty development for academic and professional improvement. Key features of the strategic planning are as follows:

Effective curriculum planning and execution of the teaching learning process is practiced by the qualified and efficient faculty of the institution.

Knowledge development beyond the curriculum is provided for students expressing interest through add on courses.

Social responsibility and inclusiveness are practiced through the curriculum, extension activities and

observation or commemoration of socially and nationally important days and personalities respectively. Green campus initiative supports in this cause.

The institution is taking strategic steps to grow as a Research Centre. The Ministry of Education (MoE), Government of India has approved the establishment of 'MoE's Innovation Cell (MIC) as the Institution Innovation Centre (IIC) to systematically foster the culture of research and innovation in the faculty and student.

The institution provides capacity building to students to enhance their life skills and communication skills. This strategy supports the students in healthy lifestyle and improved inter-personal skills.

Career counselling and placement support as well as competitive examination guidance are provided to outgoing batches in order to equip them to face the upcoming challenges after graduation. Every year we organize "study abroad program" as a result of which our students are pursuing higher education in many countries.

The seminars and training programs on research & development and entrepreneur skills for students and faculty development program shall be further strengthened and improved. Improving alumni support will be given due importance in supporting students and the overall development of the institution.

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The college adopts a policy to provide an employment friendly atmosphere by creating and maintaining a

cordial relationship among management, teaching and administrative staff. Special rewards and appreciations are given to the staff to encourage and motivate them. Some of the welfare measures adopted by the college are given below:

Financial support and guidance are given for conducting research activities, attending seminars, FDP's, workshops/ conferences, presenting papers in conferences and publishing papers in reputed journals. Financial aid in the form of salary advance is extended to staff in emergency situations. Incentives are given to the staff who publish articles in reputed journals. Faculty members are encouraged to apply for higher studies and salary increments is given after completion of PhD. Faculty are motivated to send research proposals to various funding agencies. Institution provides with additional Employee's Provident Fund (EPF) & Employees State Insurance (ESI) amount for teaching and non-teaching staff. Quarters are provided for both teaching and non-teaching staff depending on the requirement and availability. Fee Concession is given in the school fees for teaching and non-teaching staff's children in MNR School which belongs to MNR Educational Trust. Free transportation is provided for teaching and non-teaching staff. Female faculty can avail 6 months maternity facility with 2 months paid salary. Free Gym facility, Sports auditorium for indoor and outdoor games, yoga sessions are available for the staff and for the family members of staff who resides in the quarters. On Duty (OD) will be given for the faculty for attending conferences, workshops, seminars, for evaluation of exam papers in the university, as observers and as externals to other colleges. Fourteen Casual leaves will be given to Regularized Teaching and supporting staff. Twelve Casual leaves will be given for Teaching and supporting staff under Probation period. Compensatory Offs are provided to the faculties who works on extra days. All the festivals are celebrated by the staff together to bring the feeling of oneness. Faculty training programme for teaching staff and orientation program for administrative staff are organised to appraise the knowledge and enhance the competency. Additional facilities like Canteen, Guest room area, Generator are provided for all teaching and supporting staff. Free hospital facility is provided to all the teaching and non-teaching faculties in any emergency conditions during the working hours. Teaching faculty are encouraged for correction of university examination answer scripts, external practical examiners and thesis evaluators. Sports and cultural activities are conducted for staff during annual and sport celebrations to refresh the mind and brain.

Half yearly teaching and non-teaching staff evaluate their own performance by filing self-appraisal form provided by management which comprises the employee contribution towards the growth and development of Institution. The same form is evaluated by HOD followed by Principal and based upon the recommendation by Principal, student feedback and performance in curricular, co- curricular, extracurricular activities and research activities salary increments are offered annually.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 56.47**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
19	28	33	25	26

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 34.39**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
20	31	33	33	35

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
42	42	42	42	42

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

MNR College of Pharmacy (MNR COP) has a system to conduct both internal and external audits for all the financial transactions carried out at MNR COP every financial year. All day-to-day financial transactions of the institution are dealt by the Accounts In-charge at the institution and forwarded to the Accounts Section of MNR Educational Trust through the Principal for further verification. The necessary financial statements as required by Osmania University and Pharmacy Council of India are prepared by the institution and submitted after its scrutiny by the Trust's Accounts department.

Financial Audits:

Internal audit: MNR COP have internal audit experts available, and conducts periodic audits in various aspects like revenue audits etc. Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statements of cash position and cash flow are examined and the department conducts sample checks on the heads of various accounts, balance dates, and postings which are done by the institutional Accounts Section inclusive of all the financial transaction statements.

External audit: The institutional external audit is got done by MNR Educational Trust through Ramakrishna Associates (Chartered Accountants), Hyderabad and the latter submits the reports to the MNR Educational Trust. It is conducted at the end of each financial year by adopting the following the procedures mentioned below,

Sources of income verification

- List of students admitted in the first year through EAMCET/PGECET/GPAT admissions and management quota admissions with the list of students approved by TSCHE/Director of admissions, Osmania University.
- An eligibility list of students approved and sent to university for higher semester students.

The final Annual Audited Accounts are kept before the Board of Management for discussion and approval.

Mobilization and Optimal Utilization of Resources:

Mobilization of Funds: The major financial resources of MNR COP are the fee collected from students and donations from the management. In addition to these, efforts are made to mobilize additional finances to meet institutional needs and growth. Merit scholarships and medals are instituted to honour outstanding students.

Optimal utilization of resources: Financial Planning is exercised well in advance for MNR COP with efficient Budgeting, after involving all the Academic Departments and Administrative Sections of the Institute. Every year institute prepares a budget, which involves projected revenue, expenditure and capital expenditure to manage and plan the funds effectively. Preparing the budget includes the department requirements considering co-curricular and extracurricular activities. After reviewing the budget with the Principal, the final consolidated budget is forwarded to the board of management of MNR COP for approval.

All financial transactions are accounted based on the financial statements like Balance Sheet and Income and Expenditure statements of the financial year. The recent audit was for the financial year 2022-23, which was completed after crosschecking the admission details, income generated and other expenses incurred. The Audit Report was issued after the financial statements are signed and approved by the Auditor and members of Management of MNR Educational Trust.

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell has contributed significantly for institutionalizing the quality assurance strategies and processes. The prime task of the IQAC is to catalyse consistent improvement in the overall performance of institutions, internalize a quality culture and institutionalization of best practices. IQAC has played substantial role in organizing and implementing skill development and capacity enhancement programs for students as well as faculty development programs.

Learning Management System: IQAC has initiated the learning management system to be implemented in the institution. The focus is to enable remote access for students to course materials. The learning management system provides students with reading materials, demo videos, question banks etc.

Researcher Awards: To inculcate research skills and promote research culture among the faculty members, IQAC has promoted researcher awards for faculty involved in quality research activities publication in journals and publication of books. Staff are encouraged with cash prizes to attend and present research papers at conferences.

Faculty Development Programs: IQAC has initiated faculty development programs for enhancing

skills of teaching faculty in the need of the hour programs. Administrative trainings were provided for non-teaching staff pertaining to their work environment to enhance their general awareness and capability in handling their tasks.

Capacity Enhancement Sessions for Students: IQAC has initiated many student support programs like TASK workshop for students every year to inculcate soft skills, employability, behavioural skills, interview and presentation skills, team work and time management.

Career development programs were organized to disseminate information and provide guidance to students on various job opportunities within and outside the country. Options for higher studies and guidance on Graduate Pharmacy Aptitude Test (GPAT) and National Institute of Pharmaceutical Education and Research (NIPER) entrance exams were also disseminated through seminars and webinars.

Various seminars and webinars on Research & development, entrepreneur skills and Intellectual Property Rights were organized by the IQAC for student's knowledge enhancement.

IQAC has initiated orientation programs for newly enrolled students and faculty to orient them to the functioning of the institution. IQAC initiated Faculty Development Programs for the teaching faculty to enhance teaching skills and equip them to adopt innovative, and student centric teaching methods. Periodical training is imparted to the non-teaching staff also to handle the facilities of the institution and cope up with any new structural changes in the organization. Staff council meetings are held to monitor the status of curriculum delivery and to decide on any additional academic support, if required.

IQAC evaluates the structures and methodologies adopted by a feedback system. Students are encouraged to express their opinion on the teaching-learning process and the methodologies adopted by the institution. Periodic actions are taken on the basis of this feedback.

At the end of each semester or academic year, IQAC initiates result analysis in the prescribed format and a consolidated result analysis is prepared by the IQAC and submitted to Principal and Management of the institution. IQAC initiated an effective grievance redressal mechanism for timely addressing the complaints of students in both academic and non-academic matters.

6.5.2

Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**
- 5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender equality is one of the key challenges facing in society today. The institute conducts regular gender equity promotion programs. Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighbouring community, as is evident by the following facilities –

Institution shows gender sensitivity by providing facilities such as:

1. Safety and Security
2. Hi-Tech Surveillance system
3. Hostels
4. Medical Facilities
5. Girls rest Room
6. Counselling

1. Safety & Security: The Institution has Student Grievances Redressal Cell through which it addresses the student's grievances related to academic and non-academic matters, such as any criticism, victimization, bullying by peers or any sort of disharmony by teachers etc.

2. Hi-Tech Surveillance system: Our institution maintains 24 hours e-Surveillance with high resolution CCTV cameras. This facility of distributed recording has been set up in the campus to have a strict monitoring over any strangers entering the college. The Institution never steps back in continuing high-quality CCTV cameras to track the activity in the campus thus ensuring student safety within the campus.

3. Hostels: There are separate hostels for boys and girls. Parents can visit at weekends. There are spacious dining halls. Students' safety is monitored under a set of well-defined rules and guidelines of wardens. All the students and staff are required to carry their ID cards on campus at all times, guaranteeing that no outsiders or unauthorized individuals are admitted.

4. Medical Facilities: MNR Medical College and Hospital is available in the campus to provide health care to the students. The hospital has adequate facilities, doctors, nurses and allied staff for emergency care and specialist care.

5. Girls Rest Room: In each floor separate washrooms are available with proper ventilation and sanitation for girls and boys. A separate girl's common room is also available with necessary facilities.

6. Counselling: MNR College of Pharmacy has consistently addressed contemporary issues like gender sensitization, women concern, peer group issues, teasing, ragging, safety and security etc. We counsel through the various seminars, workshops and awareness programs by guest lecturers and senior faculty. The Anti-ragging Committee and the Women Protection Cell are vigilant and always available for students to bring forth their concerns and counsel them amicably.

Women Protection Cell has been established with an objective to sensitize and equip students with issues related to gender sensitization and women empowerment. The institution provided its female students with opportunities to participate in any programs outside or within the campus. In addition, the college strongly emphasizes the empowerment of young women by providing them with health care as well as the physical, moral, cultural, and skill development of its students. NSS unit also carries out awareness programs related to women raising gender sensitization to the students.

File Description	Document
Upload Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: B. Any 3 of the above

File Description	Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

MNR College of Pharmacy has students hailing from different cultures, traditions, castes, and religions. The institution believes in equality and tradition and it is evidenced by the existence of the students from Kashmir to Kanyakumari in various programs. MNR College of Pharmacy takes very strong initiatives for providing and promoting quality education and socio-economic upliftment for maintain the communal harmony in the campus.

Institute sensitizes the students about the maintaining the communal harmony and National Integration. With the students from different countries, we do have International integration. Institution follows the code of ethics for students, teachers and other employees.

Anti-ragging cell acts as a key factor in maintaining tolerance and harmony among students. Not even a single incidence of ragging has been reported since inception which shows the efficient working of the cell. Grievances Redressal Committee is also constituted to address the grievances among students to maintain harmony in the college.

Gender sensitization programs, celebrations of women's day, celebration of national days, and commemoration of important nation builders of our country help to inculcate unity in diversity among the students. The college organizes various youth programs like the cultural events, Gandhi Jayanthi, National Ekta Diwas, Annual day celebrations. Students are encouraged to organize various programs of their traditional origin. On the cultural events, we encourage the students to come on the traditional dresses of their community. Institution also encourages the students to perform the various projects on the socio-economic and health care sector. Various programs were organized for the women empowerment and against sexual abuse. The Women Protection cell is set up in the College to address any such complaints, if it may arise.

The activities undertaken by NSS unit in our institution enable development of socially responsible individuals and progress them towards leading a tolerant and harmonious living. Various awareness programs like menstrual hygiene practices were organized by the students in the rural areas of Sangareddy. Students also performed a study on the Urinary Tract Infections in the remote areas of Sangareddy and also attended various programs like AIDS Awareness, TB awareness etc in the local villages. Students do visit the local government hospitals for the regular estimation of the hemoglobin content, suggesting the dietary changes for the students/patients with low Hb levels. Students also go to the rural areas to educate about the gender sensitization, prenatal care and nutritional importance.

The institution has implemented uniform for students so that the students feel equal among themselves. It symbolizes that all students are equal in the campus. To ensure safety of students, the campus is on surveillance using CCTV and security guards.

The institution is always committed towards the promotion and practice of gender equality. To uphold the significance of gender sensitization in the campus, the institution has taken all efforts to kindle the feeling of gender equality among staff and students.

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

BEST PRACTICE 1:

TITLE: Holistic pedagogical approach to teaching learning process

OBJECTIVE:

Holistic education is a comprehensive approach to teaching where educators seek to address the needs of students in an integrated learning method.

- Adhere to basic principles of teaching for standard education and cater to student needs.
- Introduce new teaching techniques.
- Translate the theoretical knowledge through practical training programs.
- Boost their self- esteem and confidence.
- Create a safe and inclusive environment.
- Develop value-oriented leadership and enhance their personality.
- Inculcate essential traits like compassion, social service and professional ethics.

CONTEXT:

MNR College of Pharmacy is located in the rural area of Sangareddy. The campus becomes an important centre to cater their academic, social, ethical and emotional needs. Many of the students are not acquainted with the online platforms to gather information and require improvement in language and communication skills. Language and communication are prime factors to exhibit their talent and achieve teaching learning objectives. The teaching learning process is affected by the atmosphere which moulds the critical thinking and positivity in student minds. The classroom should have a conducive atmosphere to exhibit student talent and a healthy teacher student interaction and relationship.

PRACTICE:

The institution adheres to the traditional way of teaching methods. The black board teaching is adopted widely in all the programs to have a productive outcome. Learning becomes more interesting and enjoyable when there is a shift from teacher centred approach to learner centred approach. The first step to introduce the shift was to blend the conventional method with the smart classroom concept.

The basic principles of pedagogy like improvising language and contextualization has been realized through the curriculum and capacity building sessions organized for students. Experts from the pharma field are invited to provide these sessions. Orientation, motivational and student development sessions are conducted for the first year students to align them into the professional field.

Students are encouraged to express these skills through competitions organized in the college like essay writing, elocution, video making; and presentations in classroom.

Life skill and soft skill sessions are organized for students to provide a holistic personality development experience; impacting their outlook on lifestyle and health. Problem solving methodology has been adopted through practical classes and projects. Instructional conversation and discussions are encouraged inside the classroom for participative learning and improving the teacher–student relationship. Add-on courses are being organized to effectively communicate advanced developments in the field of pharmacy. Seminars related to research and advances in science, entrepreneurship, publications and intellectual property rights tend to the varying interest of students and lays foundation for their career choices.

The outgoing batches are supported with industrial training, competitive examination guidance, career counselling, study abroad sessions and interview preparation sessions through experts in various professions.

EVIDENCE OF SUCCESS:

The Active teaching learning practices has been implementing in the college since many years.

- The higher pass percentage of students, getting university top ranks and securing merit at university level indicate academic success.
- Good attendance in classes by students, showing their interest in college activities.
- Students are able to completely and actively participate in assignments, presentations, and project works.
- Students joining higher studies at national and international levels by cracking competitive examinations.
- Student placement in renowned pharmaceutical organizations, Hospitals and clinical research institutes.
- Students actively participate in outreach activities proving that the institution was able to inculcate social responsibility in them.
- Alumni recommends this institution to aspiring candidates and the college attains 100% admission for all programs.

PROBLEMS ENCOUNTERED: Holistic Education cannot be adopted abruptly. It requires time, patience and financial support. The organizations encountered many problems while designing and implementing this practice. It requires more patience and the involvement of students in the process. The institution is looking forward to implement ICT enabled learning process for further advancement in skills of students.

BEST PRACTICE 2:**TITLE: BEST TEACHER AWARD**

OBJECTIVE: The scheme was introduced by the management of MNR Educational Trust for identifying the extraordinary teachers and recognize their excellence. This scheme is aimed to recognize the meritorious faculty on Teachers Day i.e., 5th September every year and encourage them to update themselves to the ever-changing needs of higher education at global level and thereby becoming an effective contributor towards the society.

CONTEXT: The Best Teacher Award is practiced by all the institutions of MNR Educational Trust to honor well qualified teachers and encourage them to become more competent in their profession. An award of this sort will encourage the teachers to go an extra mile in achieving goals set by the organization. Progress in academic qualification, successful completion of faculty development programs, active contribution in research and collaborations, publication in indexed journals and presentation in national and international conferences are encouraged through this award. The award helps teachers to be motivated to achieve the award.

PRACTICE: The selection of meritorious teachers from MNR College of Pharmacy for this award is duly recommended by the Head of the Institute and carried out by stringent screening like teaching effectiveness, Academic Research, Sponsored research, Academic leadership and feedback. The award is based on various parameters like

- Initiatives to improve learning outcomes,
- Innovative teaching methods,
- Research and collaboration activities,
- Publication and paper presentations
- Student-teacher interactions and
- Organization of student development programs.
- Self advancement and professional development
- Discipline, regularity and active participation in the activities of the institution

The criteria for selection of best teacher award is framed to mold good teachers who can mold good students and eventually good citizens to the society.

SUCCESS EVIDENCE: All faculty involve intensely in the teaching learning process, skill development and student-teacher relationship. Active participation in research, high enrollment for PhD, Faculty development programs, writing text books, quality publications in indexed journal, presentations in national and international conferences are evidences for the impact of the award on the day-to-day activities of the faculty. Multiple faculty share the best teacher award every year due to their competing performance.

PROBLEMS ENCOUNTERED: The faculty may become highly competitive to attain the award. Faculty also have time constraints in achieving their target goals.

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

The vision of the institution is to be an academic institution constantly pursuing excellence in the field of pharmaceutical education and research with the aim to provide professionally competent Pharmacist.

MNR College of Pharmacy strives to be a centre of higher learning that can provide the best learning experience, the most productive learning community, and the most creative learning environment in pharmacy education. To accomplish the vision and translate it into reality, the institution has been using the best teaching learning methodologies with utmost importance to quality teaching. To create globally competent individuals at par with the demanded skill set, the college is always keen on engaging the young individuals in new learning experiences.

MNR College of Pharmacy focuses on different thrust areas in academic, extra and co-curricular activities. The key features are its teaching learning process and research which are amalgamated to inculcate a research culture in the institution.

Student Development Program

The institution has established its distinctive approach towards this comprehensive vision by inculcating research aptitude in the faculty and students. Quality academics promoted by interdisciplinary research is used to cater to the needs of students belonging to different socio-economic background. Being located in the rural area, MNR College of Pharmacy and MNR Campus has students from local language medium who are supported by the college in their development. A large number of students joining the institution also hail from agrarian families, and economically backward families. Improvising students' communication and social skills along with academic excellence is achieved by the institution through the following activities:

- Orientation of newly joined students and their parents on the course layout, Osmania University guidelines, Pharmacy Council of India, about the college, subjects, departments, laboratory facilities and so on.
- Heartfulness program for the first year students for a holistic development and alignment of the students to professional program.
- Soft skill, language and communication skill development sessions for communication and personality development.
- Life skill sessions for additional support and skill set
- ICT sessions to guide the students in the latest developments and advances
- Add-on courses enable advancement in knowledge for students in areas of interest
- Co-curricular activities like Pharma models, elocution, essay and video making competition on pharmacy themes urge the students to think out of the box.
- Extra-curricular activities in the form of sports and cultural competitions enable higher creativity amongst students.
- Extension and outreach activities enable students to understand the society and interact with

compassion for people and nature. Programs like Haritha Haram and medical camps develop socially responsible individuals.

- The NSS unit has been set up in the college to empower socially responsible activities and inculcate a positive attitude in students towards society
- Green campus initiative by the MNR Educational Trust has set an example for eco-friendly environment to students
- Competitive examination guidance for GPAT, NIPER, PG CET, GRE, TOFEL equip students and direct them to prepare for these examinations in a well-informed manner.
- Career counselling and interview guidance sessions for outgoing batches to strengthen their employability.
- Placement cell for student placement and training support.
- Entrepreneur skill development programs to encourage students in startup ideas, fund generation, market identification and success strategies.

Women Empowerment Programs: The college organizes the women empowerment programs for making them confident enough to struggle the battle of life. Various eminent woman personalities are being invited for the guidance on several occasions. Special health related Seminars were organized and health check-up camps have been organized.

R & D initiatives: Institutional Innovation Cell has been established with the approval of Ministry of Education for Research and Development. The MNR Educational Trust has advanced research lab set up to encourage research culture among its students and faculty. The College facilitates research activities through undergraduate and postgraduate projects.

Numerous R&D seminars were organized to educate the faculty and students regarding the advancements in various areas. The Institution continued its efforts to provide support to its students even during the pandemic by organizing International and national webinar series bringing well renowned resources persons across the globe onto the zoom platform. As the pandemic prevented students from getting the classroom experience, the institution took utmost care to ensure every student attends these webinars so that the students feel inclusive and interacting with the pharma fraternity.

The faculty are encouraged to enroll in PhD programs which will not only advance the competency of the faculty, but also accelerate the R&D activities of the institution. Faculty are encouraged with incentives for procuring funding, publications and presentations. Osmania University approved the MNR College of Pharmacy's Institutional Research Labs as research Centers and granted Ph.D research guideship for faculty. The research of some faculty members have succeeded as patent. The head of the institution has been conferred with FRSC by the Royal Society of Chemistry, London; and named as top 2% scientist in the world in pharmacy for the last 3 years.

FDP Programs are conducted to strengthen the teachers in their efforts towards holistic student development. MNR College of Pharmacy has been facilitating beyond the classroom learning through various activities such as Guest Lectures, Seminars, Workshops, Conferences Industrial Visits, internship, etc. apart from classroom teaching to make the learning more interesting.

5. CONCLUSION

Additional Information :

MNR College of Pharmacy (MNR COP) was established in the year 2004 under the aegis of MNR Educational Trust as a self-financing and co-ed institute to promote the noble cause of Pharmacy education. MNR COP is located at the MNR Higher Education & Research Academy (MNR-HERA) campus spread over a 110-acre lush green landscape. The institute is affiliated with Osmania University and offers graduate and postgraduate courses in pharmacy education. The campus has all basic amenities such as hostels, auditorium, canteen, playground for outdoor sports, indoor sports facility and gymnasium for mental, physical and spiritual development of the student. The institute contributes to infrastructure by investing in sustainable energy sources, water harvesting, segregation of waste, college buses for transportation etc. The students are well trained in professional as well as social aspects by involving them in social activities through the NSS unit. The institution received an appreciation certificate from the nearby Gram panchayat samitis for creating awareness programs on various diseases and social issues among the rural population. Proactive management is sensitive to the comfort and safety of staff and students. The staff stays updated in professional knowledge by participating in various research and developmental activities. This is evidenced by the publication of a good number of research papers in peer-reviewed journals and authoring textbooks; Academic excellence, holistic approach, and social relevance have been the guiding principles of the institution and will continue to excel in the pharmacy profession with the support of all the stakeholders.

Concluding Remarks :

MNR College of Pharmacy (MNR COP) follows the regulatory guidelines prescribed by AICTE/PCI and Osmania University. The admissions are processed as per the rules and regulations of the Telangana State Council of Higher Education (TSCHE) and the fee structure is as per the norms of the Telangana Admission and Fee Regulatory Committee (TAFRC). As the college is affiliated to Osmania University the course structure and syllabus for the B. Pharm, M. Pharm (Specialization: Pharmaceutical Chemistry, Pharmaceutics and Pharmacology) program prescribed by the university is implemented by the institution. Decentralization and participative management are vital features in governance with the help of e-governance facilities. Various committees are engaged in the smooth conduct of day-to-day activities. Co-curricular and Extracurricular activities are planned to enrich the curriculum and the overall development of the students. No discrimination is made during the evaluation process on the basis of Gender, Learning ability etc. and effective checks and systems are updated at regular intervals. The institution has state-of-the-art infrastructure, digital resources, classrooms, equipment and instruments to impart an effective curriculum. The students are exposed to applied aspects of the Pharmacy profession by means of collaborative activity with other institutions and industries. The quality of research is evidenced by the recent international recognitions (head of the institution Dr. V. Alagarsamy has been named among the top 2% of scientists in the world in the field of Pharmacy by The Stanford University, USA and also conferred with FRSC by The Royal Society of Chemistry, London). The students are sensitized to respect natural resources, traditional values, wildlife, cultural diversity and national integrity through various programs. The students are made aware of social responsibility by conducting various awareness programs in nearby rural areas. Efforts are taken by the institution for the holistic development of students along with professional development by organizing life skill development and professional development programs. Our highly qualified and committed faculty are constantly exploring new frontiers of knowledge with the intention to upgrade their skills and impart the knowledge gained to budding pharmacists. The employee welfare policy makes the MNR campus a pleasant workplace for all employees. The institution

is striving hard to excel in pharmaceutical education through research activities and needs to get research funding from different agencies. The institution has well-defined vision and Mission which has been framed by considering time to the feedback of the key stakeholders. The overall vision of the MNR COP will always be committed to excelling in pharmacy education.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																														
1.4.1	<p><i>Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website</i></p> <p>Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies Remark : As per the HEI documents provided during clarification. The web link provided is not functional.</p>																														
2.1.2	<p><i>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</i></p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats) Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>103</td> <td>103</td> <td>103</td> <td>100</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>103</td> <td>103</td> <td>103</td> <td>100</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19						2022-23	2021-22	2020-21	2019-20	2018-19	100	103	103	103	100	2022-23	2021-22	2020-21	2019-20	2018-19	103	103	103	103	100
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2022-23	2021-22	2020-21	2019-20	2018-19																											
103	103	103	103	100																											
2.4.1	<p>Percentage of full-time teachers against sanctioned posts during the last five years</p> <p>2.4.1.1. Number of sanctioned posts year wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>44</td> <td>46</td> <td>50</td> <td>60</td> <td>59</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>59</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	44	46	50	60	59	2022-23	2021-22	2020-21	2019-20	2018-19	60	60	60	60	59										
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44	46	50	60	59																											
2022-23	2021-22	2020-21	2019-20	2018-19																											
60	60	60	60	59																											

Remark : As per the HEI documents provided with the clarification and the faculty requirement prescribed by PCI.

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

2.4.2.1. Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19	19	18	24	22

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19	19	18	24	22

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

2.6.3.1. Number of final year students who passed the university examination year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19

2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
180	149	135	123	147

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
180	158	139	130	148

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0.4	0	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	00	0	00

Remark : As per the HEI data and the documents provided with the metric during clarification. The HEI has claimed grant for conduct of a symposium as Research Project.

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
04	04	06	14	12

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
02	03	3	05	12

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
48	32	56	45	42

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
20	05	16	16	09

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
34	19	02	39	13

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
02	06	01	01	00

3.4.3 ***Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.***

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
06	06	07	09	18

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
06	06	07	09	18

3.5.1 ***Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.***

Answer before DVV Verification : 54

Answer After DVV Verification :15

4.3.2 **Student – Computer ratio (Data for the latest completed academic year)**

4.3.2.1. Number of computers available for students usage during the latest completed academic year:

Answer before DVV Verification : 154

Answer after DVV Verification: 154

4.4.1 ***Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)***

4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
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64.41	334.46	250.63	380.18	339.45
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Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
36.17	25.98	56.70	102.9	98.67

Remark : As per the HEI documents provided during clarification. The HEI has included other expenses, mess and honorarium etc. which are not eligible as these are not Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities).

5.1.1 ***Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years***

5.1.1.1. Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
596	553	452	380	382

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
596	553	452	380	382

5.1.4 ***The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases***

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : As per the HEI data and the documents provided with the metric during clarification.

5.2.1 **Percentage of placement of outgoing students and students progressing to higher education during the last five years**

5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
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5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
163	158	128	130	148

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
180	158	135	130	148

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
16	14	08	10	08

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
16	18	07	21	24

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
07	08	02	05	05

6.2.2 Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

6.3.2 **Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
42	43	41	43	45

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19	28	33	25	26

6.3.3 **Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

6.3.3.1. **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
58	57	57	58	60

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
20	31	33	33	35

6.3.3.2. **Number of non-teaching staff year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
30	30	32	32	32

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
42	42	42	42	42

6.5.2	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented 2. Academic and Administrative Audit (AAA) and follow-up action taken 3. Collaborative quality initiatives with other institution(s) 4. Participation in NIRF and other recognized rankings 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc. <p>Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: B. Any 3 of the above</p>
7.1.2	<p>The Institution has facilities and initiatives for</p> <ol style="list-style-type: none"> 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and nondegradable waste 3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free environment <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: B. 3 of the above</p>
7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"> 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above</p>

2.Extended Profile Deviations

ID	Extended Questions															
1.1	<p>Number of students year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <tr> <td>2022-23</td> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> </tr> <tr> <td>675</td> <td>661</td> <td>609</td> <td>562</td> <td>596</td> </tr> </table> <p>Answer After DVV Verification:</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	675	661	609	562	596					
2022-23	2021-22	2020-21	2019-20	2018-19												
675	661	609	562	596												

2022-23	2021-22	2020-21	2019-20	2018-19
692	676	609	577	596

2.1 **Number of teaching staff / full time teachers during the last five years (Without repeat count):**
 Answer before DVV Verification : 92
 Answer after DVV Verification : 93

2.2 **Number of teaching staff / full time teachers year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
44	46	50	60	59

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
40	42	45	52	53

3.1 **Expenditure excluding salary component year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
150	470.46	364.22	523.36	468.21

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
454.55	470.46	364.22	469.9	468.21