

7.1.3-1
**Green Audit/
Environment Audit**

very organism and a number of other elements are only balanced by the environment. Any imbalance we cause will lead to a crisis for the environment. Plants are one such bioresource. They are the sole available resource that sequesters carbon. One of the world's most biodiverse nations is India. We have laws and regulations at the federal and state levels to safeguard biodiversity. The separate Governments carry out the same's implementation.

That is everyone's duty as citizens of the nation. Institutions' buildings have a lot of land. There is therefore room to plant native and local plants and preserve biodiversity. This expands the learning opportunities available on campus. It fosters responsibility among the student body and results in a shift in behaviour for a better environment.

Every year, new plants, upkeep, and enhancements are required for these green spaces. An annual assessment is necessary for this to occur. The action plan for the following year incorporates the areas for improvement identified during the assessment. Students can also learn about the gradual and sustainable conservation needed for the environment's vegetation thanks to this.

In light of the aforementioned, college administration meant to execute a green audit and comprehend the results of the current greenery and sustainable measures


PRINCIPAL

MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319

that will be implemented for the campus's increased biodiversity.

INTRODUCTION

The main goals of a plantation are environmental enhancement, atmospheric pollutant removal, noise pollution reduction, and microclimate change. The trees in the plantation areas offer a range of benefits, including the preservation of biodiversity, the sequestration of carbon, the production of oxygen, the reduction of heat-related effects, the regulation of microclimates, the stabilisation of soil, the prevention of soil erosion, and the recharging of groundwater.

The proper symbiosis of the local wildlife and flora would aid in environmental preservation. Planting native species would increase the fertility of the soil, which is another crucial factor here. The distribution of species is primarily influenced by climatic factors, the presence of ecological criteria, as well as common landforms and land types. Long-term education and a focus on short-term policy are both necessary for reaching the public. The development of a strong literacy foundation, improvement of people's engagement in decision-making processes, as well as including people in personal and societal policy decisions that have an impact on biodiversity. Institutions have a far bigger impact on the environment than other areas in the same region in terms of carbon sequestration and temperature control. Here, an assessment of this vegetation will aid management in enhancing biodiversity. The scope encompasses threats (from habitat loss to pollution to urbanisation), variables (from genetics to species to ecosystems), and institutional




PRINCIPAL

MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319

responses (in conservation of biodiversity). Understanding the current vegetation composition, which includes trees, shrubs, climbers, and herbaceous features on and surrounding campus, is a part of the assessment. By using a random sampling technique and visual observations, the inventory of faunal components, including insects and birds, has been completed. During the visitation period on the campus, the standard for the task is followed by identifying plants (by regional floras) and faunal components. Methodologies for reducing pollutants and best practises for environmental protection are also emphasised. With the purpose of evaluating the floral and faunal diversity on college campuses, a primary survey was conducted. For further ecological significance, a list of plants, including trees, shrubs, climbers, and herbs, has been developed and documented. 2018–19 is the evaluation period for supporting documentation of the institution's varied activities and environmental challenges. The purpose of the reconnaissance survey was to learn more about the campus's limits, vegetation patterns, existing floral and faunal components, various activities occurring there, etc. using simple eye observations of insects. Considering the variety of birds, a checklist has been created. By the participation of students and staff, we attempted to comprehend the institution's historical role in biodiversity protection throughout the assessment of biodiversity. There have been attempts to comprehend changes in vegetation patterns, bird migration (if any), and other faunal elements. In order to comprehend the pollinators and dispersal agents, the flowering patterns of trees, shrubs, and climbers were investigated. By using a random sample technique and visual observations on the campus, it has also been possible to observe faunal elements, such as insects and birds.

Audit Objectives:

- To assess the campus's current vegetation and fauna.


PRINCIPAL
MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319

- To locate the campus area that is best for biodiversity preservation.
- To reduce additional environmental problems that are present around the campus.
- To make suggestions regarding the potential preservation, restoration, and protection of the local variety of plants and other wildlife.
- To recommend activities that will involve the pupils.

About the Institution

Mahathi College of Pharmacy (MCPM) is a private institution established in 2010. The college is located in Madanapalle, Andhra Pradesh State and is approved by AICTE and Pharmacy Council of India (PCI). It is affiliated to Jawaharlal Nehru Technological University (JNTU), Ananthapur.

MCPM, Madanapalle offers undergraduate and postgraduate programs in the field of pharmacy like B. Pharma, Pharma. D, Pharma. D (PB), and M. Pharmacy. The minimum eligibility to apply for UG program is a pass in 10+2. While for PG courses, a candidate shall have a Bachelor's degree in Pharmacy.

The college is housed in magnificently built buildings with all infrastructural facilities within a lush green campus. Since its inception, it has slowly established itself as a prime destination for high-quality education. The strength of the institute lies in its modern

Prasad
PRINCIPAL

MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319

classrooms, well-equipped laboratories and trained faculty. It is affiliated to JNTU. It believes in all-round development of its students and faculty members and leaves no stone unturned to ensure that the best of facilities is provided for the same.

The campus boasts of the following unique facilities to make happen:


- Spacious playgrounds
- Canteen for the use of day scholars and staff
- Transport facilities for students and staff
- Secure campus with widespread CCTV coverage
- Medical facilities for boarders
- A 200+ seater auditorium
- Excellent computing facilities with Internet and Wi-Fi

Vision of the Institute

To emerge as a global leader in imparting quality technical education emphasizing ethical values for the betterment of the society.

Mission of the Institute

- To create an excellent teaching learning environment and inculcate the aptitude for research.
- To establish centers of excellence through collaborative initiatives.
- To empower the student community by developing creativity and innovation.


PRINCIPAL
MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319

on.

Quality Policy:

We are committed to provide uncompromising quality education in a conducive environment through effective teaching learning process transforming students into competent professionals.

COMMITTEE MEMBERS

DR.B. AMARNATH REDDY –CHAIRMAN - MAHATHI COLLEGE OF PHARMACY

DR. LAKSHMI NARASIMAIAH–PRINCIPAL - MAHATHI COLLEGE OF PHARMACY

DR.P. SENTHIL KUMAR–VICEPRINCIPAL - MAHATHI COLLEGE OF PHARMACY

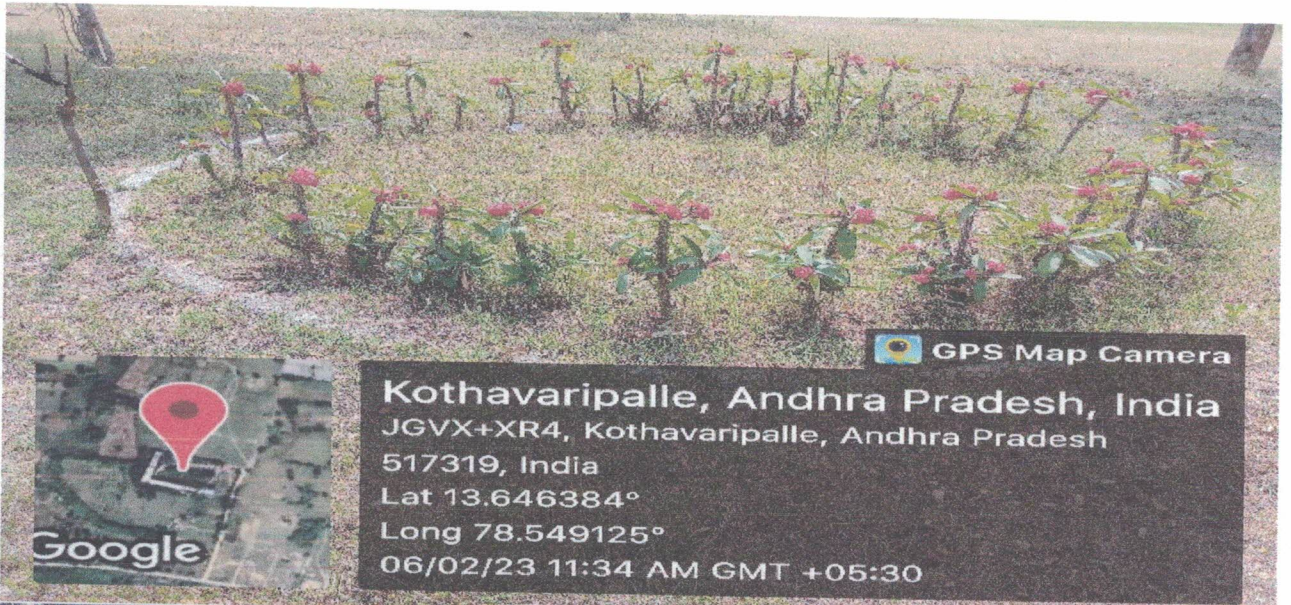
MR.V.SURESH–ASSOCIATE PROFESSOR– MAHATHI COLLEGE OF PHARMACY

MR. N.M.SATISH KUMAR- ASSISTANT PROFESSOR - MAHATHI COLLEGE OF PHARMACY

MS. N.JYOTHI-ASSISTANT PROFESSOR - MAHATHI COLLEGE OF PHARMACY


PRINCIPAL

MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319



GPS Map Camera

Kothavaripalle, Andhra Pradesh, India

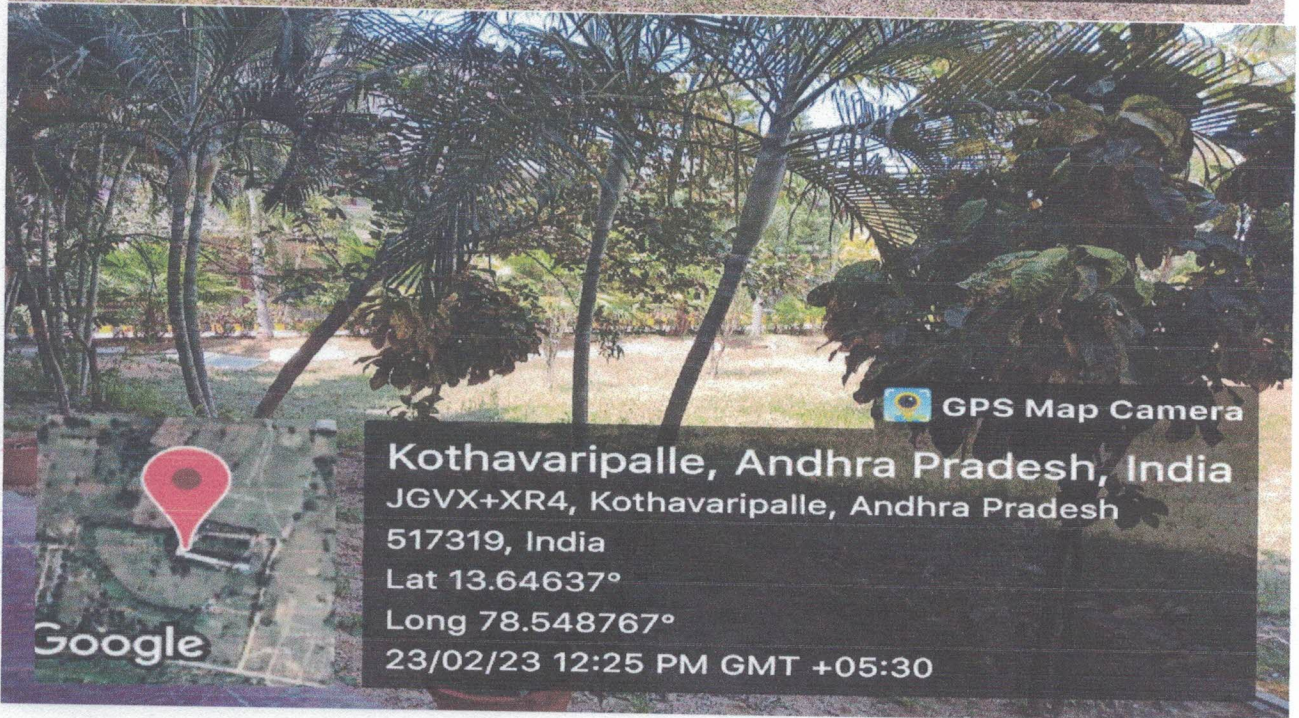
JGVX+XR4, Kothavaripalle, Andhra Pradesh

517319, India

Lat 13.646384°

Long 78.549125°

06/02/23 11:34 AM GMT +05:30



GPS Map Camera

Kothavaripalle, Andhra Pradesh, India

JGVX+XR4, Kothavaripalle, Andhra Pradesh

517319, India

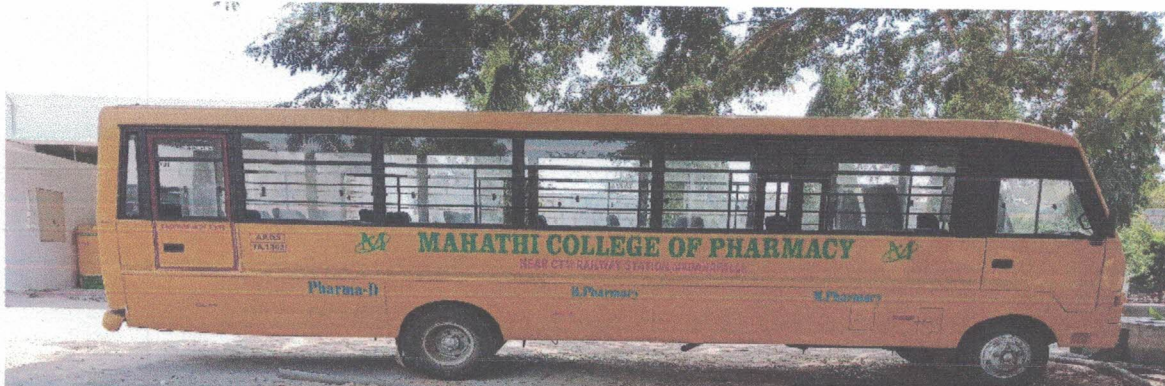
Lat 13.64637°

Long 78.548767°

23/02/23 12:25 PM GMT +05:30



peep
PRINCIPAL
MAHATHI COLLEGE OF PHARMAC
C.T.M. Cross Roads, MADANAPALLI
Annamayya (District), A.P.-517 31



GPS Map Camera



Kothavaripalle, Andhra Pradesh, India
JGVX+XR4, Kothavaripalle, Andhra Pradesh
517319, India
Lat 13.646378°
Long 78.549365°
06/02/23 11:35 AM GMT +05:30

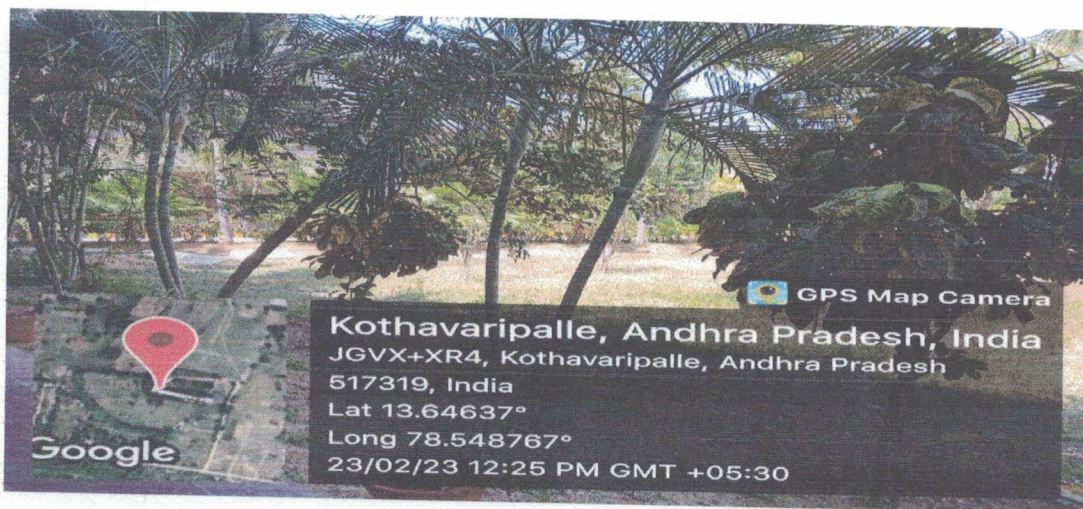


GPS Map Camera



Kothavaripalle, Andhra Pradesh, India
JGVX+XR4, Kothavaripalle, Andhra Pradesh
517319, India
Lat 13.646378°
Long 78.549271°
06/02/23 11:35 AM GMT +05:30

pep
PRINCIPAL
MAHATHI COLLEGE OF PHARMACY
C.T.M. Cross Roads, MADANAPALLE
Annamayya (District), A.P.-517 319



Accreditations & Affiliation



Approved by All India Council for Technical Education, Ministry of HRD, Govt. of India, New Delhi



Approved by Pharmacy Council of India (PCI), Ministry of Health & Family Welfare, Govt. of India, New Delhi.



Approved by Andhra Pradesh State Council of Higher Education, Government of Andhra Pradesh.



Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)



Affiliated to Jawaharlal Netru Technological University (JNTUA), Ananthapuramu.

peel
 PRINCIPAL

MAHATHI COLLEGE OF PHARMACY
 C.T.M. Cross Roads, MADANAPALLE
 Annamaya (District), A.P.-517 319