



7.2

### **BEST PRACTICES**

To cultivate a dynamic and nurturing community, it is essential to significantly enhance opportunities for connection and the exploration of ideas that benefit the nation and its citizens. Ucet has recognized the social needs and has created outstanding opportunities that address the community's requirements. Our institution assists students in tackling Economic, Social, Creative, and Environmental challenges, empowering them to actively participate in shaping their futures. The institute provides ample opportunities for individuals to contemplate and engage with various knowledge resources available in the library. Our effective practices, through the implementation of diverse programs, will facilitate the development of advanced critical thinking and problem-solving skills, igniting the creative potential within young aspirants. The initiatives undertaken by our institutions promote collaboration between thoughts and actions through the exchange of ideas, expertise, and best practices. A selection of these practices is outlined below.

#### **Best Practice – 1**

##### **1. Title of the Practice : “AWARENESS OF ENVIRONMENTAL ISSUES”**

##### **2. Objectives of the Practice:**

1. Adhere to sustainable building practices.
2. Implement a solid waste management initiative to segregate recyclable materials and ensure the disposal of all waste in an environmentally responsible manner.
3. Incorporate measures for the conservation of energy and water.
4. Develop renewable energy sources on campus, such as rooftop solar power installations.
5. Promote the establishment of green belt areas.

##### **3. The Context:**

Ucet recognizes the significance of engaging with environmental issues, which is why we actively involve the campus community in caring for our environment and surroundings. The primary objective of this initiative is to educate, raise awareness, and foster a sense of responsibility while developing essential skills to address environmental challenges. Our goal is to encourage both students and staff to enhance their understanding of environmental matters and to acknowledge their roles and responsibilities towards the environment. To promote awareness of our environmental responsibilities, we consistently communicate our efforts both within the institution and to the broader community. The institute is committed to enhancing our



Consequently, the initiative titled "IMPLEMENTATION OF GREEN INITIATIVES" is executed within the institution in a highly efficient manner.

### 7. Problems Encountered and Resources Required:

The institute faces several challenges while implementing this practice.

- The Green Campus initiatives present significant difficulties, necessitating commitment and long-term support from all stakeholders involved.
- The implementation of Green Campus initiatives is relatively costly, requiring expert guidance and substantial resource investment.
- Adequate personnel is essential for the ongoing maintenance of these initiatives.
- There is a general lack of awareness among students and the community regarding environmental issues.

### Best Practice – 2

#### 1. Title of the Practice: MENTORING PROGRAM - A Pathway to Holistic Development for Students.

The mentoring program offers tailored support to students and fosters their professional socialization. It acts as a student-focused platform, ensuring the comprehensive development of individuals. This program promotes the establishment of a dynamic relationship between students and teachers, instills confidence in students to seek guidance, engage in informal discussions, address challenges, and engage in meaningful conversations to achieve their objectives.

#### 2. Objective:

The objectives of the mentoring program are as follows:

- To fulfill the institution's vision of fostering the holistic development of students in a progressive manner.
- To create a continuous learning environment for both mentors and mentees.
- To position the mentor as a role model while supporting the mentee's personal and academic growth.





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- To cultivate a dynamic relationship between teachers and students that promotes responsible behavior and discipline.

### 3. The Context:

Given the diverse socio-cultural and economic backgrounds of students, mentoring has been recognized as one of the best practices by the institution. This initiative aligns with the mission statement focused on the progressive development of students. Consequently, the decision was made to implement a Mentoring Program that encourages greater interaction with students, helping them overcome shyness, enhance their language skills, and build confidence in both their academic and personal lives.

### 4. The Practice:

- Mentoring sessions are held weekly and attendance is mandatory for all students.
- In the mentoring scheme, groups of students from various courses and semesters are assigned to each faculty member (mentor).
- The mentoring framework is based on four key areas: academic performance, attendance, career guidance, and general well-being.
- Mentors receive information regarding their mentees' academic performance and attendance records, and they also monitor the personal development of their mentees.
- The mode of communication is established to facilitate effective interaction.

  
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**7.2.1 – DESCRIBE TWO BEST PRACTICES SUCCESSFULLY IMPLEMENTED BY THE INSTITUTION AS PER NAAC FORMAT PROVIDED IN THE MANUAL**





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## **BEST PRACTICE 1**

### **AWARENESS OF ENVIRONMENTAL ISSUES**



  
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### 7.1.5

#### GREEN POLICY

Eco Club was constituted at Universal College of Engineering & Technology, Guntur in order to develop ecological intelligence amongst the prospective teachers which would help them to take care of the ecosystem consciously. It sensitizes the student teachers to nurture the nature and promotes environmental ethics. Eco Club conducts regular meetings to devise, run and monitor the college activities such as tree plantation drive, conservation of resources, reducing, reusing and recycling programmes, energy saving schemes, rallies, guest lectures, seminars, webinars, promotional events for the student teachers and the wider community, through Swachh Bharat Abhiyan to encourage the citizens to develop the positive attitudes that help individuals and social groups acquire a set of values and feelings of concern for environment and to motivate active participation towards environmental improvement and protection and to contribute national development and ultimately attain global progress. UNIV Eco Club empower students to explore environmental concepts and actions beyond the confines of a syllabus or curriculum and educate students teachers and public – *Environment as a peripheral issue for sustainability living*. To create awareness and to promote knowledge about natural medicines UNIV Eco Club is insisting students and teachers to use ancient herbs. As a part of it our college maintains herbal garden with various medicinal herbs.

#### Motto:

*"Where there is Green, there is Prosperity"*

#### Vision:

UNIV Eco Club stimulates the Young mind on tenderness towards Environment and Bio-Diversity conservation.

#### Mission:

1. To steep proper attitude with regard to healthy surroundings and its conservation through action based programmes.
2. To preserve the natural resources.
2. To develop natural and Eco-friendly environment.





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3. To create awareness towards 4R's (Review, Reduce, Reuse and Recycle of conservation)

### POLICY:

Preservation and Protection of Environment for maintaining the ecological balance.

### OBJECTIVES:

- Motivate the students to keep their surroundings green and clean by undertaking plantation of trees.
- Promote Ethos on conservation of water.
- To be a role model to others and to the community on developing the green environment.

The Eco Club functions effectively and efficiently with the sincere efforts of the committee members and the active participation of the stakeholders.

S. No.	Name of the Member	Category of the Member
1.	Dr. Ch. Kesava Reddy	Principal of the College
2.	Ranganadha Rao.G	Eco Club Coordinator
3.	Mr. K. Harinadh	Eco Club Co-Coordinator
4.	Mrs. J. Siva Parvathi	Secretary of Eco Club
5.	D.V.V. Brahma Chary	Joint Secretary of Eco Club



Principal

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## GREEN AUDIT REPORT

### INSECTS

Sno	TYPE	LOCAL NAME	SCIENTIFIC NAME
1	INSECTS	CENTIPEDE	THEATOPSEALIFOMIENSIS
2	INSECTS	DADDY LONG LEGS	PHOLEUS PHALANGIOIDES
3	INSECTS	HONEY BEE	APIS MELLIFERA
4	INSECTS	MIDUTHALU	CACLIFERA(GRASS HOOPER)
5	INSECTS	THENE TEEGA	APIS MELLIFERA
6	INSECTS	RESHAM PURUGU	BOMBAY MORI(SILK WORM)
7	INSECTS	TEELU	HOPTENTOTTA TAMULUS
8	INSECTS	PAPER WASP	POLISTES EXCLAMENS
9	INSECTS	DRAGON FLY	SYMPETRUM FLAVEOLUM
10	INSECTS	GRASS HOOPER	CACLIFERA
11	INSECTS	PRAYING MANTIS	MANTIS RELIGIOSA
12	INSECTS	DRY WOOD TERMITE	CRYPTOTERMES CAVIFRONS
13	INSECTS	DUNG BEETLE	PH ANAEUS BINBEX MACIACHIAN



### BUTTERFLIES

Sno	TYPE	LOCAL NAME	SCIENTIFIC NAME
1	BUTTERFLIE	CRIMSON ROSA	PACHLIOPTA HECTOR LINNAEUS
2	BUTTERFLIE	COMMON MORMON	PAPILIO POLYTES LINNAEUS
3	BUTTERFLIE	COMMON EMIGRANT	CATOPSILIA POMONA FABRICIUS
4	BUTTERFLIE	COMMON GRASS YELLOW	EUREMA HECABELINNAEUS
5	BUTTERFLIE	COMMON WANDERER	PARERONIA VALERIA
6	BUTTERFLIE	COMMON FIVERING	YPHIMA BALDUS







**INSECTS ,MAMMALS**

Sno	TYPE	LOCAL NAME	SCIENTIFIC NAME
1	AMPHIBIANS	INDIAN TOAD	BUFO MELANOSTICTUS
2	AMPHIBIANS	INDIAN BULL FROG	HOPLOBATRACHUS TIGERINUS
3	ANNELIDS	EARTH WORM	LUMBRICUS LERRESTRIS
4	MOLLUSK	SNAIL	COMU ASPERSUM

**BIRDS**

Sno	TYPE	LOCAL NAME	SCIENTIFIC NAME
1	BIRD	ROCK DOVE	COLUMBA LIVIA
2	BIRD	COUCAL	CENTROPUS SINENSIS
3	BIRD	INDIAN BLACK KOEL	EUDYNAMYS ORIENTALIS
4	BIRD	MYNA	ACRIDOTHERES TRISTICS
5	BIRD	POND HERON	ARDCOLA GRAYII
6	BIRD	WHITE BREASTED WATER HEN	AMAUROMIS PHOENICURUS
7	BIRD	BLACK WINGED KITE	ELANUS CACRULEUS
8	BIRD	LESSER GOLDEN BACKED	CHRYSOCOLAPTPS
9	BIRD	INDIAN ROLLER	CORACIAS BENGHALENSIS
10	BIRD	LITTLE CORMORANT	MICROCARBO NIGER
11	BIRD	GREY HERON	ARDEA CINERA
12	BIRD	CROW	CORVUSSPLENDENS
13	BIRD	WHITE HERON	AMAURORMIS PHOENICURUS L
14	BIRD	DOVE	COLUMBA LIVIA L
15	BIRD	SPARROW	PASSCRIDAC
16	BIRD	RED WINGED PARROT	APROSMIETUS ERYTHROPTERUS
17	BIRD	HOUSE SWIFT	APUS NIPALIENSIS
18	BIRD	INDIAN PEACOCK	PAVO CRISTATUS



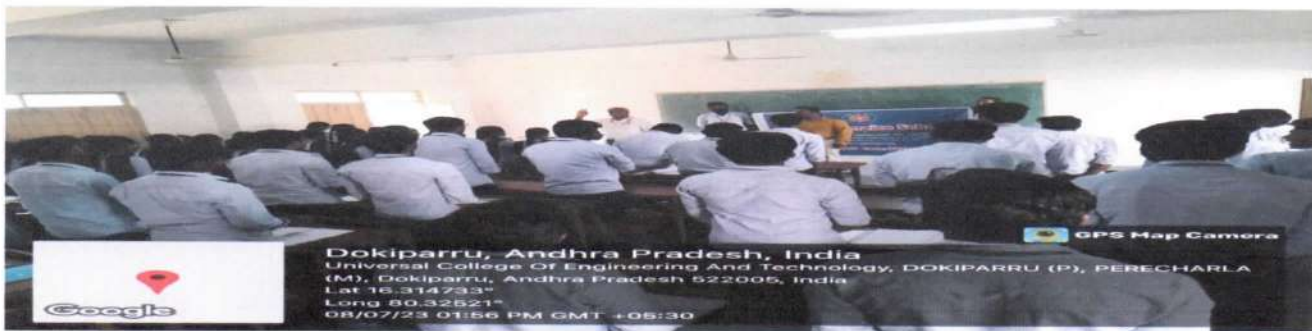




## BAN ON PLASTICS- PLASTIC FREE ZONE



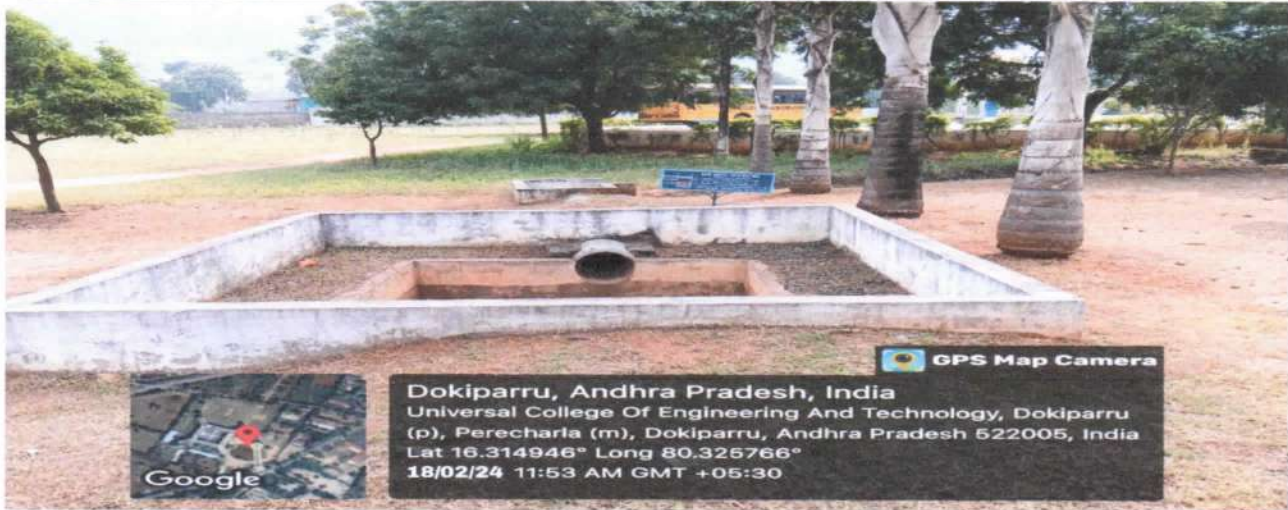
THE CAMPUS IS DESIGNATED AS PLASTIC FREE ZONE. THERE IS BAN ON SINGLE USE PLASTICS IN THE COLLEGE CAMPUS.







## LIQUID WASTE MANAGEMENT



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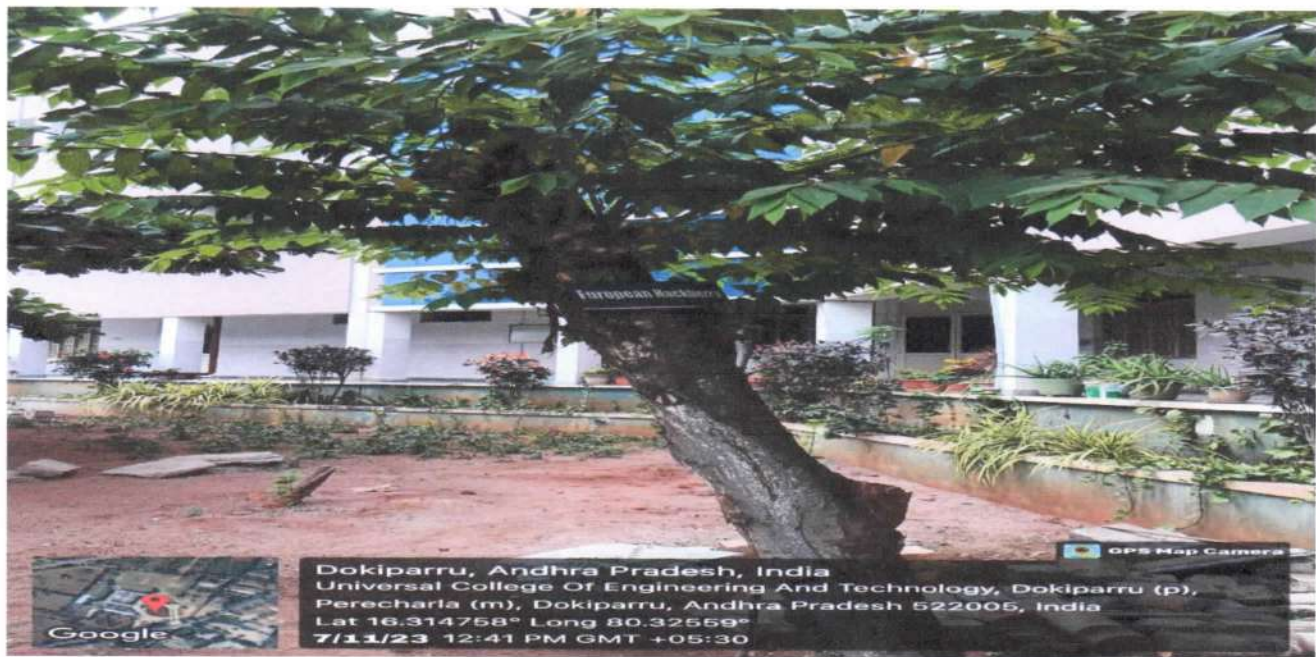
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## OTHER CLEANLINESS AND PLANTATION PROGRAMMES:



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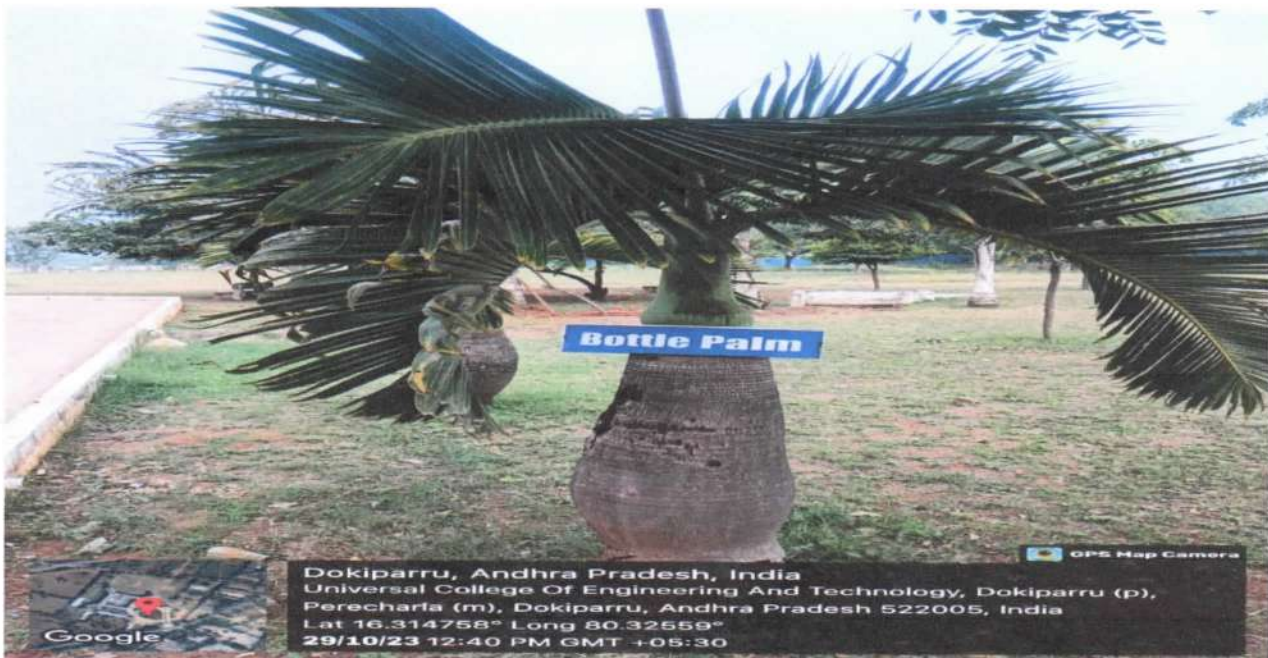
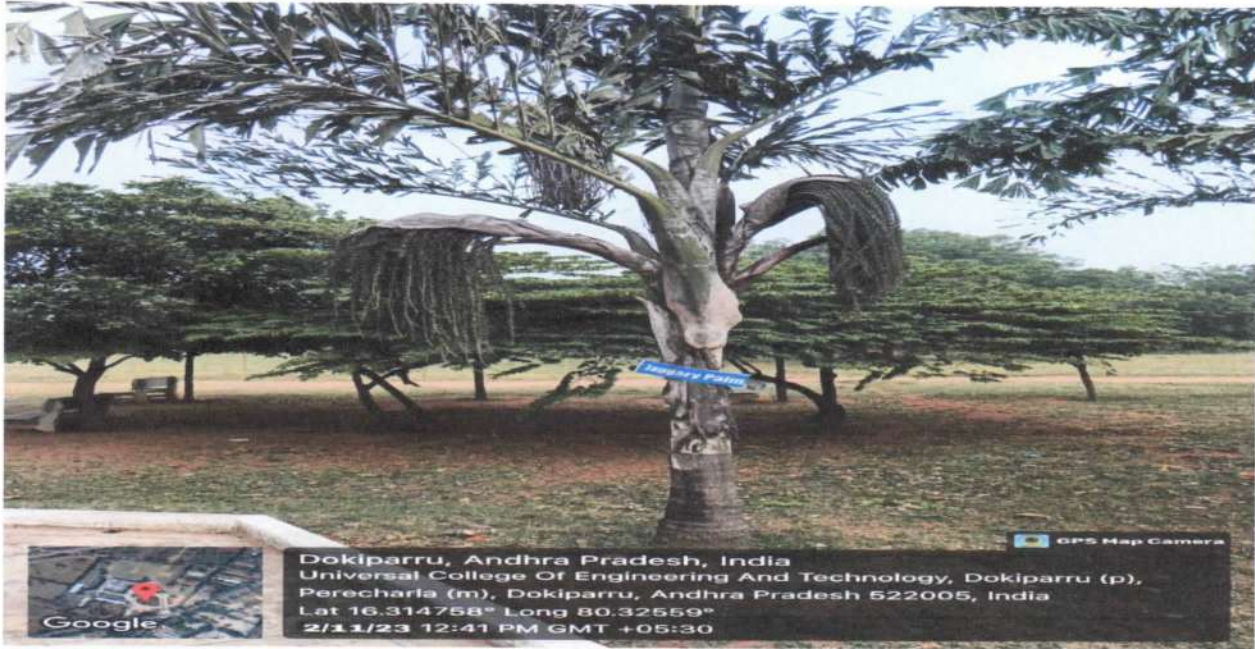




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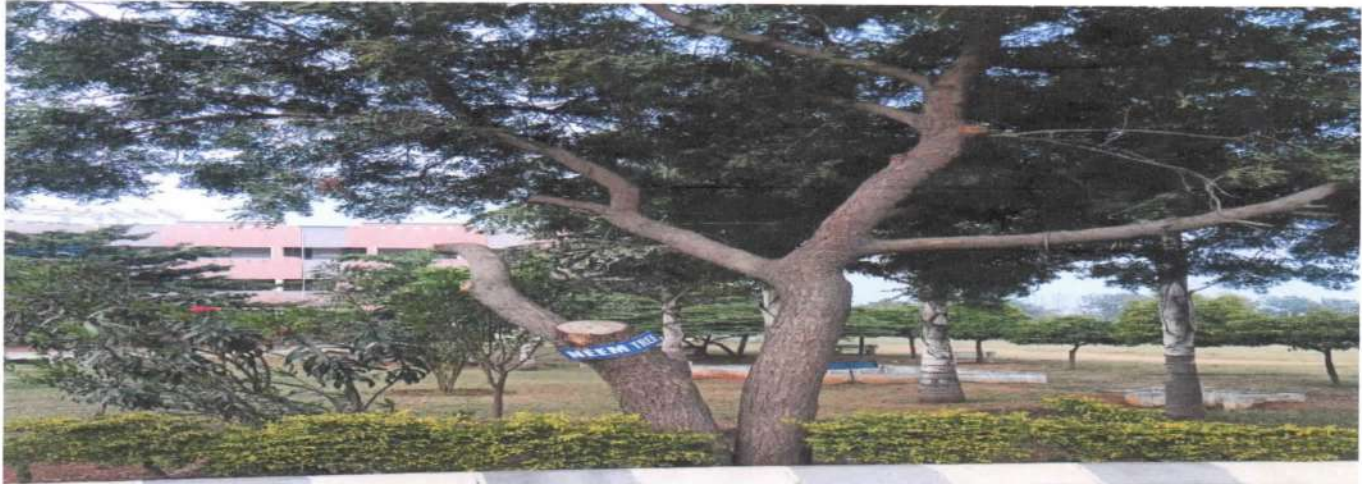




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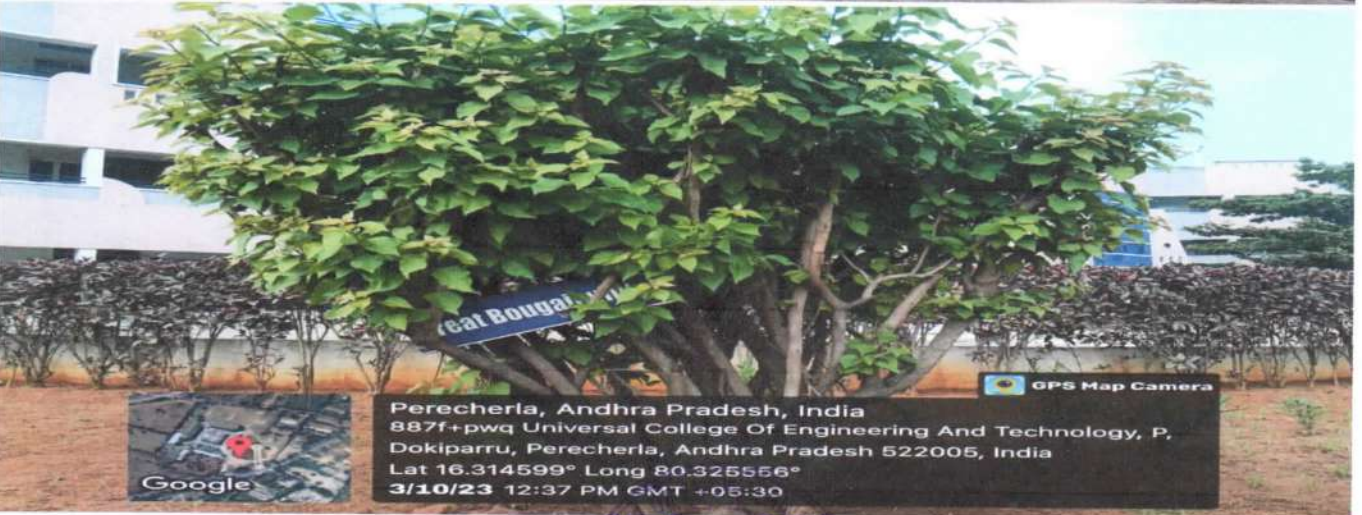
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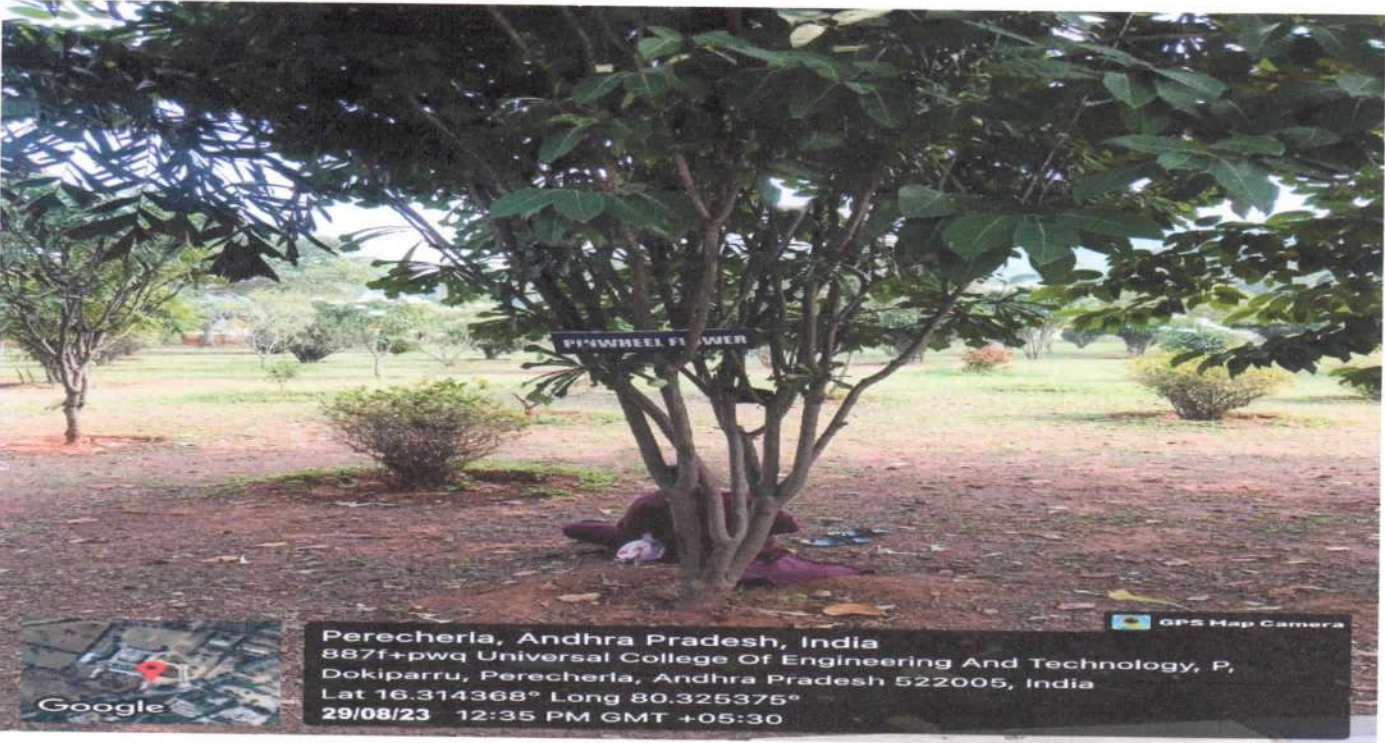
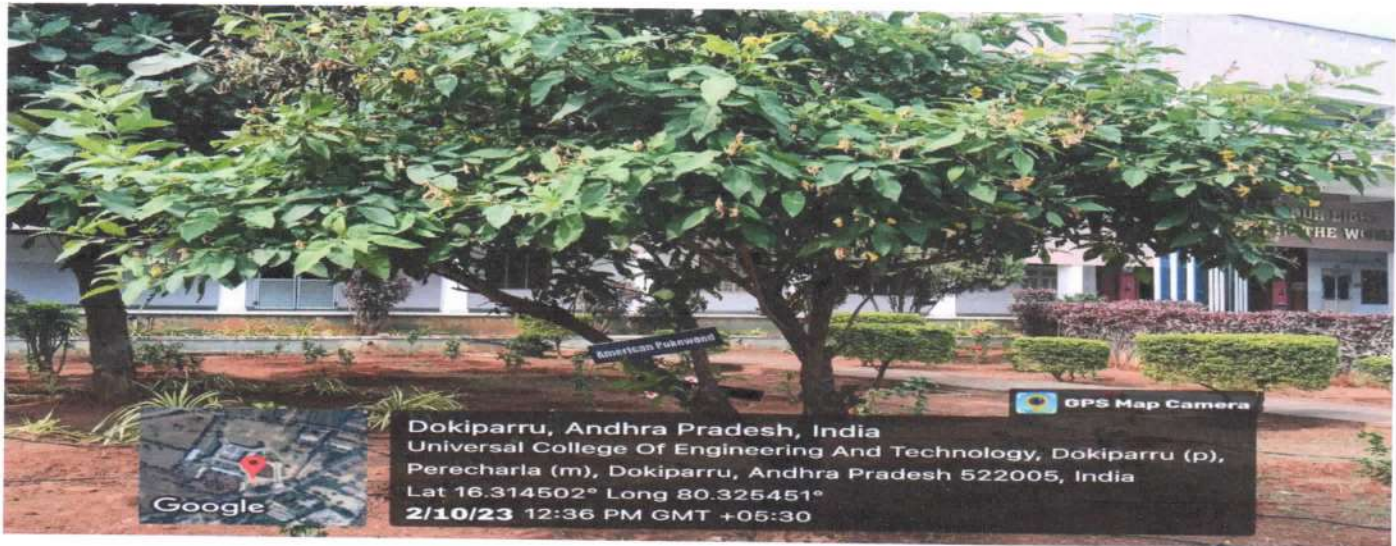




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GUNTUR (Dist.)-522 438

Website: [www.ucet.edu.in](http://www.ucet.edu.in)  
E-Mail: [ucetguntur@gmail.com](mailto:ucetguntur@gmail.com)

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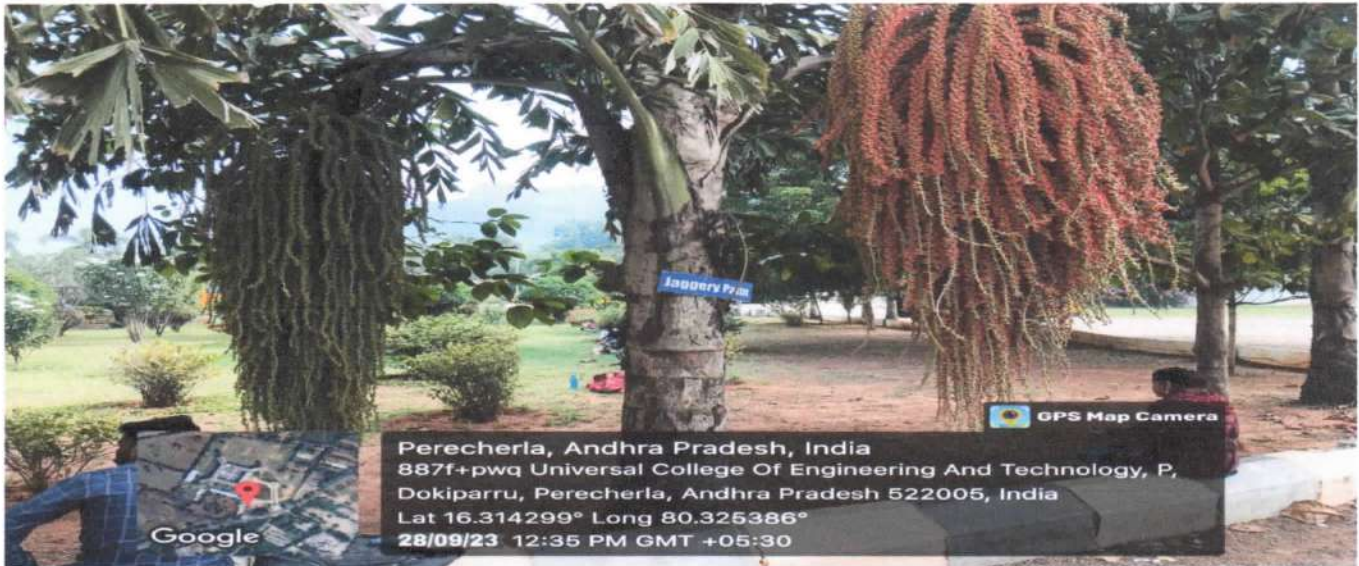




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## **BEST PRACTICE 2**

### **“MENTORING PROGRAM - A Pathway to Holistic Development for Students.”**

Ucet implements this practice in the following manner:

- A weekly mentoring session is held regularly, and attendance is mandatory for all students.
- Each faculty member (mentor) is assigned a group of students from various courses and semesters as part of the mentorship program.
- The mentoring framework is structured around four key areas: academic performance, attendance, career guidance, and general well-being.
- Mentors receive information regarding their mentees' academic achievements and attendance records, and they also monitor the personal growth of their mentees.
- Communication between mentors and mentees can occur through various channels, including face-to-face meetings, phone calls, and email correspondence.
- Any concerns raised by mentees are addressed by the mentor, who may escalate the issues to the appropriate authorities for further action if required.
- The rapport established between faculty and students fosters a sense of responsibility and discipline among the students.



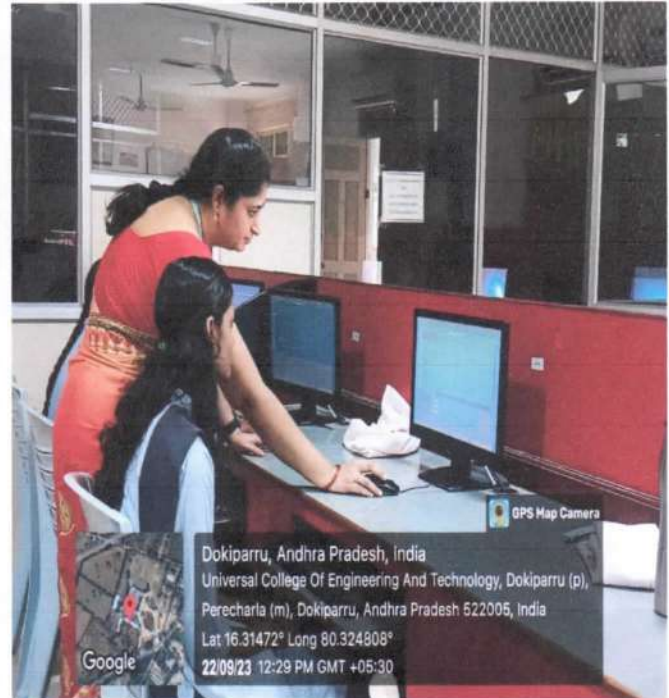
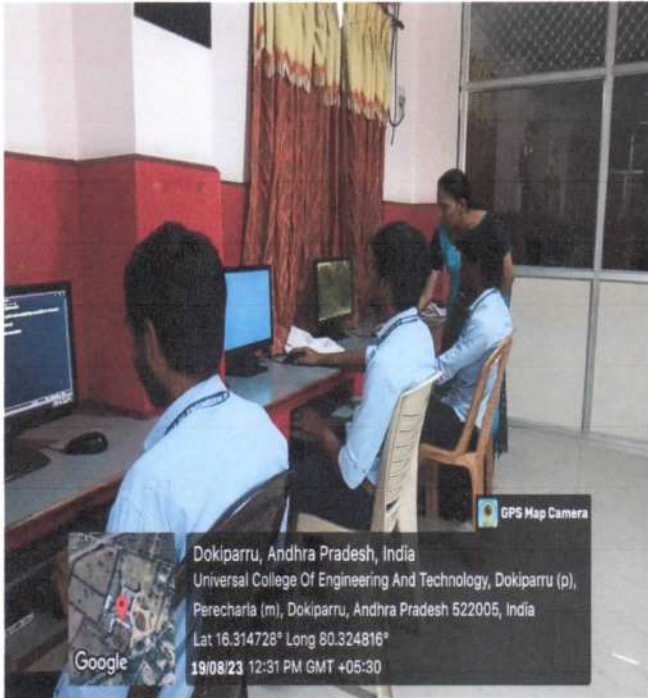




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