

# MKR GOVERNMENT DEGREE COLLEGE

## REPORT ON THE (BOTANICAL) FIELD TRIP

Submitted to the Department of Botany

MKR Government Degree College, Devarakonda

As a part of curriculum for B. Sc. V Semester



Submitted by: Semester V (2020-21)

Department of Botany

## INTRODUCTION

Field study is an essential part of Botany. The natural environment i.e. the surroundings where we all interact, the plants in their natural habitat is one of the most interesting things that is needed to be studied by the students of-LIFE SCIENCE. Studying plants in their natural habitat enhances our knowledge that is learnt from the classroom discussions and laboratory experiments.

The announcement from the Botany Department of MKR GDC Devarakonda made the students of the III<sup>rd</sup> Semester so happy. Our joy knew no bounds when the spot was fixed to Mudigonda which is on the way from Devarakonda to Hyderabad via Mudigonda.

An apprehensive knowledge of things is always required for students to start a particular study of a particular site in their natural environment. So classroom study and field study are complementary to each other and we cannot ignore any one of them. Hence keeping these two things in view, this study tour was organized by the Department of Botany, as per syllabus prescribed by the Mahatma Gandhi University.

### Aim and objective of the Field trip

1. To observe and collect the plant species from study site.
2. To study the natural habitats and characters of the plants found in the area.
3. To collect some plant species for herbarium preparation and submission for examination
4. The collected plant may be kept and used for reference studies



5.

## TOUR DIARY

On 17/03/2021, twelve of us and our beloved teacher, Dr. Ch. Rama Raju, Assistant Professor of botany met each other at 10:00 am in the college campus. From there, we started by walking out around 11.00 am. We reached the place after around one and half hour i.e. around 12.30 pm.

After observing the plants and staying there for around 3 hours, we came back around 4.00 pm to college.

The students who participated in the tour are:

The following equipments are to be carried along in the field of study:

1. Knives
2. Forceps
3. Scissors
4. Magnifying lenses
5. Portable plastic containers
6. Herbarium press
7. Formaldehyde
8. Scale
9. Notebook, pen pencil,
10. Camera

Specimen collected from the study site

S. No.	Name of the Species
1	<i>Acalypha indica</i>
2	<i>Achyranthes aspera</i>
3	<i>Aerva lanata</i> (L) Juss.
4	<i>Anisochilus carnosus</i>
5	<i>Cassia ariculata</i>
6	<i>Celosia argentea</i>
7	<i>Cissus quadrangularis</i>
8	<i>Cleome gynandra</i> L.
9	<i>Euphorbia hirta</i> L.
10	<i>Leucas aspera</i> (willd.) Link.
11	<i>Solanum nigrum</i>
12	<i>Trianthema decandra</i> L.
13	<i>Tamarindus indica</i>

### CONCLUSION

Our study tour was very interesting, student participants interacted in a very well disciplined manner cooperated well with the teacher guide and overall the tour was grand success. We realized that viewing the flora and fauna in its natural form made us things vivid enhancing the classroom lectures and laboratory experiments.