

Biological and B. Vocational Field trips and Events 2021-2022

ONE DAY BOTANICAL TRIP TO GOVERNMENT NURSERY, THURAKALPUDI, BUTCHAYYA PETA MANDAL, ANAKAPALLE DISTRICT – 05-08-2021

We the department of Botany of A.M.A.L.College, Anakapalle under the supervision of U.Thata Rao, Lecturer in Botany, had under taken one day Botanical field trip on 05.08.2021 to Government Nursery, Thurakalpudi, Butchayya Peta Mandal, Anakapalle District. The objective of the field trip is to observation, identification and listing out of the plants of Nursery and also collect specimen for preparing herbarium. The Nursery is located 25 Km away from the college. A group of 10 students of III B.Sc. (CBZ). All the students actively participated in the above field trip along with the lecturer. The field trip began at 9.30am and completed by 2pm.

The list of different plants noticed in the field trip is given below for the benefit and recording purpose.

S. No	Botanical (Scientific) Name of the Plant	Local Name	Name of the Family
1	<i>Nerium odorum</i> Ait	Ganneru	Apocynaceae
2	<i>Tabernaemontana divaricata</i> (Linn.) R.Br.	Nandivardanam	Apocynaceae
3	<i>Thevetia nerifolia</i> Juss.	Pachaganneru	Apocynaceae
4	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	Ankudu	Apocynaceae
5	<i>Calotropis gigantea</i> (Linn.) R.Br.	Jiilledu	Asclepiadaceae
6	<i>Hemidesmus indicus</i> R.Br.	Sugandhipala	Asclepiadaceae
7	<i>Tylophora indica</i> (Burm.f) Merrile	Kakapala	Asclepiadaceae
8	<i>Envolvulus nummularius</i> (Linn.) Linn.	Vishnukantha	Convolvulaceae
9	<i>Ipomoea cornea</i> Jacq.	Radiotuppa/Thuti	Convolvulaceae
10	<i>Ipomoea sepiarea</i> Koen.		Convolvulaceae
11	<i>Ipomoea obscura</i> K.Gawl		Convolvulaceae
12	<i>Merremia tridentata</i> (Linn.) Hall.f		Convolvulaceae
13	<i>Cuscuta reflexa</i> Roxb.	Suraputiga	Convolvulaceae

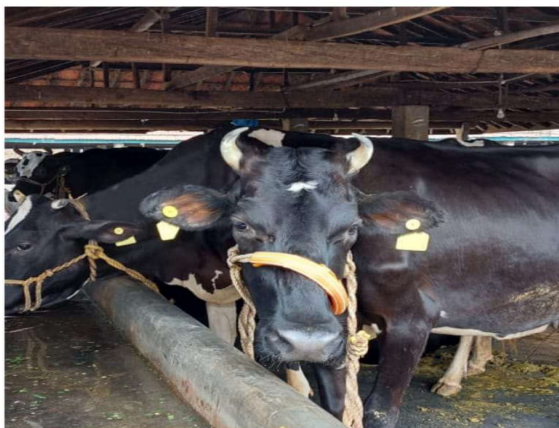
14	<i>Datura metal</i> Linn.	Vummetha	Solanaceae
15	<i>Physalis minima</i> Linn.	Budda Burasa	Solanaceae
16	<i>Solanum nigrum</i> Linn.	Kamanchi	Solanaceae
17	<i>Solanum zanthocarpum</i>	Vakudu	Solanaceae
18	<i>Scoparia dulcis</i> Linn.		Scrophulariaceae
19	<i>Tecoma stans</i> (Linn.) Juss.		Bignoniaceae
20	<i>Martymia diandra</i> Gloxion	Telukondi	Pedaliaceae
21	<i>Pedaliium murex</i> Linn.	Enugu Palleru	Pedaliaceae
22	<i>Andrographis echioides</i> (Linn.) Nees.		Acanthaceae
23	<i>Andrographis Paniculata</i> (Burn. F) Nees.	Nelavemu	Acanthaceae
24	<i>Asystacia gangetica</i> (Linn.) T.Anders.		Acanthaceae
25	<i>Barleria longiflora</i>		Acanthaceae
26	<i>Barleria prionotis</i> Linn.	Gobbi	Acanthaceae
27	<i>Blepharis maderaspatensis</i> (Linn.) Heyne ex Roth		Acanthaceae





**Field trip of Dairying & AH students to Simhadri Dairy farm, Etikoppaka, Yalamanchili
Mandal, Visakhapatnam District on 29-10-21**

Field trips and other forms of exploring new horizons help students develop their critical thinking abilities and encourage them to think practically as well as theoretically. The field trip to Simhadri Dairy Farm is one of our efforts to foster a culture where students are encouraged to develop their skills since we are always on their side. It is a dairy farm with full cutting-edge and contemporary farm operations. In terms of feeding, rearing, medicine, breeding, milking, sanitation, fodder development, and sewage disposal, students received extremely good exposure to dairy farm management. It is a hybrid dairy farm that raises buffalo, cows, sheep, goats, and chickens, with the majority of the farm's resources going to the larger animals.



Visit to Agricultural Work shop on Fuel Conservation at Bhagavatula Charitable Trust (Krishi Vignana Kendra), Haripuram, Rambilli Mandal, Visakhapatnam District on 26-11-21

Acquirement of knowledge through seminars and workshops provide a chance to interact with experts from the specific field. Discussing about the relevant topics of the particular subject, students tend to learn about the latest information and new skills related to concerned subject. The visit to the agricultural workshop on Fuel Conservation at BCT/KVK is one of our trails to foster contact with the experts. Agriculture is the foremost source of food for humans. Fossil fuels are typically used to operate farm machines, contributing to carbon emissions and accelerating climate change. Students acquired knowledge about the possible ways to mitigate environmental damage by promoting renewable or alternative fuels, namely biofuels, solar energy, biomass, wind, geothermal, small-scale hydro, and wave power.



ONE DAY BOTANICAL TRIP TO BIODIVERSITY PARK, PEDAWALTAIR, VISAKHAPATNAM – 27.11.2021

We the department of Botany of A.M.A.L.College, Anakapalle under the supervision of U.Thata Rao, Lecturer in Botany, had under taken one day Botanical field trip on 27.11.2021 to Biodiversity Park in the premises of RCD Govt. Hospital maintained by dolphin Nature Conservation Society, Peda Waltair, Visakhapatnam. The objective of the field trip is to observation, identification, collection and listing out of the flora of Biodiversity Park and also collect specimen for preparing herbarium. The diversity park, Peda Waltair, Visakhapatnam is located 51 Km away from the college. A group of 34 students of II B.Sc. (CBZ). All the students actively participated in the above field trip along with the lecturers. The field trip began at 7.30am and completed by 6pm. We have identified and collected the plants which are in flowering condition only for the preparation of herbarium.

The list of different plants noticed in the field trip is given below for the benefit and recording purpose.

S. No	Botanical (Scientific) Name of the Plant	Local Name	Name of the Family
1	<i>Blepharis repens</i> (Vahi) Roth.		Acanthaceae
2	<i>Depteracanthus prostratus</i> (Poir) Nees.		Acanthaceae
3	<i>Elytraria acaulis</i> (Linn.f) Lindan.		Acanthaceae
4	<i>Justicia glauca</i> Rotter.		Acanthaceae
5	<i>Justicia Procumbens</i> Linn.		Acanthaceae
6	<i>Clerodendron fragrans</i> R.Br.		Verbenaceae
7	<i>Clerodendron infortunatum</i> Linn.		Verbenaceae
8	<i>Duranta repens</i> Jacq.		Verbenaceae
9	<i>Lantana camera</i> Linn.		Verbenaceae
10	<i>Anisochilus camosus</i> (Linn.) wall.		Lamiaceae
11	<i>Hyptis suaveolens</i> (Linn.) Poit.		Lamiaceae
12	<i>Lecuas aspera</i> (Wild) Link.		Lamiaceae
13	<i>Ocimum sanctum</i> Linn.	Tulasi	Lamiaceae
14	<i>Nyctanthus arbor-tristis</i> Linn.	Parijatham	Nyctaginaceae
15	<i>Achyranthes aspera</i> Linn.	Vuttareni	Amaranthaceae

16	<i>Aerva lanata</i> (Linn.) Juss.	Konda Pindi kura	Amaranthaceae
17	<i>Allamania nodiflora</i> (Linn.) R.Br.		Amaranthaceae
18	<i>Amaranthus spinosus</i> Linn.	Mullathota kura	Amaranthaceae
19	<i>Gomphrena decumbens</i> Jacq.		Amaranthaceae
20	<i>Pupalia atropurpurea</i> (Lamak) Moqs		Amaranthaceae
21	<i>Pupalia leppacia</i> Linn. Juss.		Amaranthaceae
22	<i>Aristolochia bracteolata</i> Lamak.		Aristolochiaceae
23	<i>Aristolochia indica</i> Linn.	Eswari	Aristolochiaceae
24	<i>Cassytha filiformis</i> Linn.	Seethamma Savaralu	Lauraceae
25	<i>Dendrophthoe falcata</i> (Linn.f) Ettingh	Badanika	Loranthaceae
26	<i>Viscum monoium</i> A.D.C		Viscaceae
27	<i>Acalypha indica</i> Linn.	Muripinda	Euphorbiaceae











Dairying & Animal Husbandry and Agriculture students attended kisan mela at RARS, Anakapalle on 29-11-2021

Students can learn about the newest innovative ideas, innovative technology, and best practises in the fields of agriculture and related industries, as well as to update their knowledge of new and better crop varieties, by visiting kisan melas. We attended the kisan mela at RARS, Anakapalle with the students of Dairying & AH and agriculture in order to give them a platform for interaction with different agrochemical, seed, and other agriculture-based input merchants.



**Inauguration of B.Vocational courses wing officially by Hon'ble MLA Anakapalle Sri.
Gudiwada Amarnath garu on 01-12-21**

The formal inauguration of B.Vocational wing at A.M.A.L. College was held on 1st December 2021 by Hon'ble MLA Anakapalle Sri. Gudiwada Amarnath garu. The introductory remarks were done by Dr. Galle Jayababugaru, the principal of A.M.A.L. College followed by Sri. Dadi Srinivasarao garu, the correspondent of A.M.A.L. College. Hon'ble MLA Sri. Gudivada Amarnath Garu extended his wishes to the faculty and students of B.Vocational.

