

MARIS STELLA COLLEGE (AUTONOMOUS)

Department of Botany

2016-2017

Plantation Programme: Organised by the department of Botany on 15.7.16 in the college campus. Dr. Sr. Rekha, Principal, Staff members from Botany, Zoology, Biotechnology and Eco club members, Dr. V.N. Mangadevi and Mrs. G. Usha Kumari, BSc (CBZ-BIOTECH) students participated. About 100 plants of Shady, Ornamental and Medicinal plants are planted in the campus, Botanical and medicinal gardens



Association Activity : In commemoration of Sir. Gregor Johann Mendel, Father of Genetics, the Department of Botany, Biotechnology conducted a student seminar on Relevance on Mendel's work on 22.7.16. Smt. C.V.L. Karuna and Departmental members of Botany, Students of I, II, III BSc (CBZ-BIOTECH) participated in PPT contest. Smt. C.V.L. Karuna spoke about the man who has given about the idea of Transmission of Characters from Parents to offsprings from generation to generation. Certificates & Prizes are given to the winners.



Workshop: 29.7.16-Department of Botany conducted one day workshop on Mushroom cultivation. Sri. Kondapaneni from (Kondapaneni Agency) Amar emphasized about cultivation of mushrooms and preparation methods for IBSc, IIBSc, IIIBSc students.



INVITED LECTURE:30.7.16-Department of Botany conducted invited lecture on types of Immunity, Antigens, Antibodies, Immunoglobulins for IIIBsc students by Dr.Nirmala kumari garu senior lecturer in S.R.R&C.V.R.GOV.T.College,Vijayawada.



INVITED LECTURE:1.8.16-Department of Botany conducted invited lecture on Herb drug interactions for IIIBsc by Dr. Karuna sree Asst. Professor in K.V.S.R. Siddhartha College of pharmaceutical Sciences, Department of Pharmacy.



Students activity:Department of Botany conducted Student activity on 5.9.16- Identification, collection, of medicinal plants from the campus on the Eve of GANESH CHATURDHI.(Pathri puja)



STUDENT ACTIVITY:

Our students participated in Ghora Science exhibition on 6,7,8 December 2016 at Atheist centre vijayawada. and awarded Grade ii prizes

- Sewage water treatment(IIBsc-CBZ)
- S k. Savera
- E. Christina
- Mushroom cultivation(IIIBsc-CBZ)
- T. Manasa
- K.Mounika
- J. Rajitha



STUDENTS PARTICIPATED SEMINORS AND WORKSHOPS

	Name	Seminor/workshop
IIIBsc(cbz)&Biotech 23.6.16	D. Sravani, T.P. Aryaraj	Emerging trends in life sciences(SRR&CVR COLG)
	T.manasa,k.pooja, G.Himabindu,Ifra Irum,vijayabhavana	Emerging trends in life sciences(SRR&CVR COLG)
II Bsc(cbz)23.6.16	Honeyrachel,Bhagya rekha,Bharathi	Emerging trends in life sciences(SRR&CVR COLG)
IIIBsc(cbz)&Biotech 27&28.7.16	T.manasa, A,Sunanda k.mounika, Vijayabhavana. Shobitha	Two days state level workshop on Instrumentation in advanced biological techniques(Andhra loyola college)

Botanical tour:

Department of Botany conducted biological tour to Pathuru,Uppalapadu,Regional Agricultural Reasearch station, Regional Horticultural research institute(LAM)

(N,G Rangauniversity)Guntur,Animal husbendary (venkateswara veterorny college)on 25-1-17.Nearly fifty three students and five faculty members ,two lab assistants were attended.

- At Pathuru we collected no.of medicinal plants
- At uppalapadu observed the fresh water pond ecosystem with no.of hydrophytes like Pistia,Eichornia,Lemna,Salvia and in the boundary areas plants like Prosopis Juliflora,Baringtonia&Pithacalobium.etc... On which a no.of migratory birds are present
- At RARI,LAMform scientist DrSuryanarayana addressed the gathering&explained about the various research activities of the institute.Bt.cotton,various pulses like Red,gram,Bengal gram.
- IN Horticultural research institute Dr.Rajani emphasized on chillies research work(Teja variety) different Brinjal varieties,Bean varieties ,Coriander,Ajwain.This institute is mainly serving for the production of Germplasm to the formers.
- At animal husbandary we went through the form for the observation of various types of bulls(ongolu,punganuru varieties),cows,calves.
- In the laboratory of this institute we observed semen slides under Phase contrasting microscope.and learnt about cryopreservation technique(-196 C).
- We went to Dhyana Buddha Centre at Amaravathi.



UPPALAPADU-BIRDS

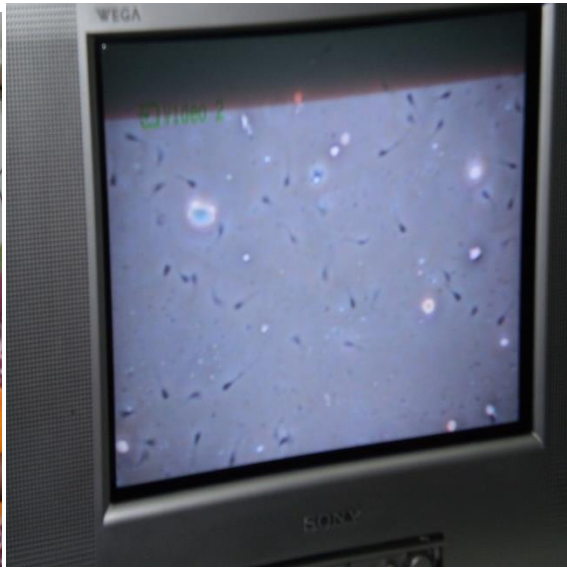


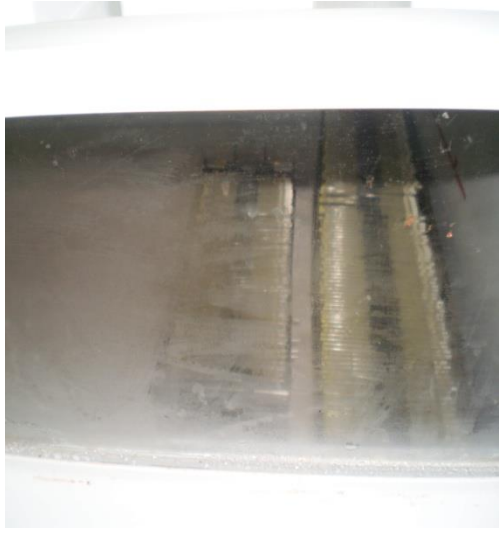


Azolla cultivation-LAM









Wetland day: Seminar



