

YA Govt. College for Women,
Chirala.

DEPARTMENT OF BOTANY

Activities

2015-2016

TEACHERS DAY CELEBRATION

Students and staff participated in the Teacher's day celebrations on September 5th
Students felicitated the staff on the occasion.



AWARENESS RALLY ON OZONE PROTECTION DAY 16-09-2015 The dept of botany in association with Eco club and dept of chemistry observed ozone protection day on 16-09-2015. Rally was conducted in the town by the students



GROUP DISCUSSION on 22-09-2015

The dept of Botany conducted Group Discussion for I BZC students on the topic “Economic importance of Bacteria”. Students discussed about the useful and harmful effects of Bacteria.



YUVA TARANGAM on 30-09-2015

Smt.M.Santosh kumari,Lect in Botany participated in conducting Quiz for District level Yuva tarangam,acted as Judge for painting event in yuva tarangam.



QUIZ on 10-10-2015

The dept of Botany conducted Quiz for BZC students on the topic " Microbial diversity."



AWARENESS PROGRAMME FOR PROMOTING GIRL CHILD EDUCATION on 15-11-15

The dept of Botany conducted awareness programme for promoting girl child education. Smt M. Santosh kumari, Lect in Botany organised the programme. Sri M. Madhu babu social worker and LIC DO was the resource person. Staff and students participated in the programme



FIELD VISITS

Field visit to Apple mushroom unit on 28-11-15

Aim : As part of 1st B.SC curriculum and for exposure to industries having enterpreuner oppurtunities for botany students , the department of Botany organised field visit to The department of botany organised field visit to Apple mushroom unit, kothapet, chirala.

students gained knowledge about cultivation of Mushrooms wchich is an economically important fungus.

To observe and identify various plants and their propagation

objectives:

To study various horticultural techniques

To know various propagation methods

No.of participants : 1 lecturer & 9 students

The department of Botany organised field visit to RAVI GARDENS main branch,Vedullapalli,Bapatla on 10-12-15 with 1 lecturer & 9 students of III BZC. Students were explained about various horticultural techniques employed in nursery & gardening by Mr.G.Ravi garu ,MD of Ravi Gardens.Different types of vpropagation techniques like grafting,layering and cutting etc were demonstrated.100 varieties of Exotic species of Adenium are being propagated and cultivated,Dwarf varities of Ixora ,Bouganvillea,roses , indoor plants,fruits amd medicinal plants collections were also observed by the students in the garden.Poly house maintainance,mist chamber ,shade nets and tissue culture labs were also visited and their maintainance was explained to the students.

out come:

Students learnt about the cultivation of button mushrooms

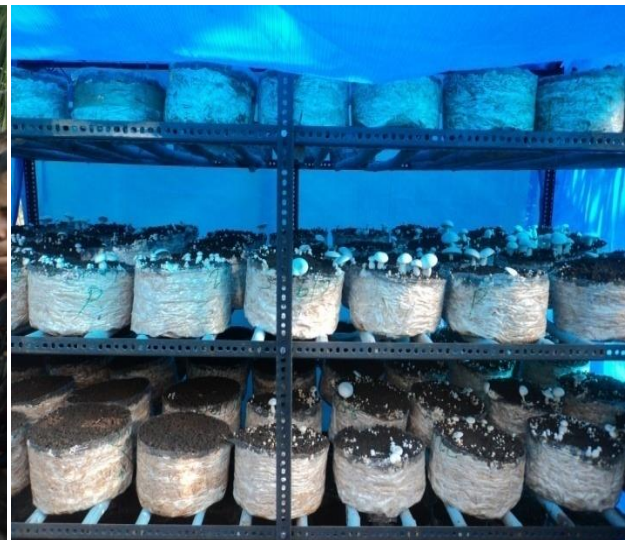
Students gained knowledge about various ornamental plants and their propagation

Students gained knowledge about maintainence of poly house.

students gained knowledge about cultivation of Mushrooms wchich is an economically important fungus

students developed interest towards enterpreunership of gardening

Feed back: Students expressed that they are very much delighted and impressed to observe the different varieties of plants. Propagating techniques were quite interesting and the students expressed that the field visit was very useful for them to gain knowledge about horticulture and take up gardening as enterpreunership.



FIELD VISIT TO RAVI GARDENS ON 10-12-15

Aim : As part of MOU and 3rd B.SC curriculum for exposure to Horticulture techniques the department of Botany organised field visit to RAVI GARDENS main branch,Vedullapalli,Bapatla.

To observe and identify various plants and their propagation

objectives:

To study various horticultural techniques

To know various propagation methods

No.of participants : 1 lecturer & 9 students

The department of Botany organised field visit to RAVI GARDENS main branch,Vedullapalli,Bapatla on 10-12-15 with 1 lecturer & 9 students of III BZC. Students were explained about various horticultural techniques employed in nursery & gardening by Mr.G.Ravi garu ,MD of Ravi Gardens.Different types of vpropagation techniques like grafting,layering and cutting etc were demonstrated.100 varieties of Exotic species of Adenium are being propagated and cultivated,Dwarf varieties of Ixora ,Bouganvillea,roses , indoor plants,fruits and medicinal plants collections were also observed by the students in the garden.Poly house maintainance,mist chamber ,shade nets and tissue culture labs were also visited and their maintainance was explained to the students.

out come:

Students learnt about identification and names of different taxa

Students gained knowledge about various ornamental plants and their propagation

Students gained knowledge about maintainence of poly house.

students developed interest towards enterpreunership of gardening

Feed back: Students expressed that they are very much delighted and impressed to observe the different varieties of plants. Propagating techniques were quite interesting and the students expressed that the field visit was very useful for them to gain knowledge about horticulture and take up gardening as enterpreunership.

Field visit to Ravi Gardens



students observing plants in shadenet



students visiting poly house and knowing about its maintainance



students learning the propagation techniques like grafting, budding etc.



students observing the laminar air flow unit in tissue culture lab and knowing about the micropropagation through tissue cul

GUEST LECTURES

GUEST LECTURE ON AYURVEDA ON 30-11-2015

The dept of Botany Y.A Govt college for women, Chirala as part of MOU for faculty exchange and curriculum enrichment with the Dept of Botany VRS &YRN College,Chirala has organized Guest lecture on 30.11.2015.by inviting Guest speaker Sri.Y.Subbarao, HOD Dept of Botany VRS &YRN College,Chirala to deliver lecture on Ayurveda.

Need for Guest lecture:

Inviting guest lecturers to the class room provides students different points of view. students experience a new lesson design and students show interest and enthusiasm towards the topic by hearing new voice and seeing a new face in front of them.

About the Guest speaker

Sri.Y.Subbarao is the member for Board of studies ,Acharya Nagarjuna university
He is HOD for Dept of botany VRS &YRN College,Chirala
He is having 25 years of teaching UG Botany .

TOPIC: Ayurveda

No of participants : 30 students from I& II BZC

SYNOPSIS OF THE LECTURE

“Ayurveda” is one of the world's oldest holistic healing systems. It was developed more than 3,000 years ago in India. It is based on the belief that health and wellness depend on a delicate balance between the mind, body, and spirit. Its main goal is to promote good health, not fight disease. But treatments may be geared toward specific health problems. It is considered a system of alternative medicine.

Ayurveda believe every person is made of five basic elements found in the universe: space, air, fire, water, and earth. These combine in the human body to form three life forces or energies, called doshas. They control how your body works. They are Vata dosha (space and air); Pitta dosha (fire and water); and Kapha dosha (water and earth).

Everyone inherits a unique mix of the three doshas. But one is usually stronger than the others. Each one controls a different body function. It's believed that your chances of getting sick -- and the health issues you develop -- are linked to the balance of your doshas.

Vata Dosha

Those who practice Ayurveda believe this is the most powerful of all three doshas. It controls very basic body functions, like how cells divide. It also controls your mind,

breathing, blood flow, heart function, and ability to get rid of waste through your intestines. Things that can disrupt it include eating again too soon after a meal, fear, grief, and staying up too late.

If vata dosha is your main life force, you're thought to be more likely to develop conditions like anxiety, asthma, heart disease, skin problems, and rheumatoid arthritis.

Pitta Dosha

This energy controls your digestion, metabolism (how well you break down foods), and certain hormones that are linked to your appetite.

Things that can disrupt it are eating sour or spicy foods and spending too much time in the sun. If it's your main life force, you're thought to be more likely to develop conditions like Crohn's disease, heart disease, high blood pressure, and infections.

Kapha Dosha

This life force controls muscle growth, body strength and stability, weight, and your immune system.

You can disrupt it by sleeping during the day, eating too many sweet foods, and eating or drinking things that contain too much salt or water.

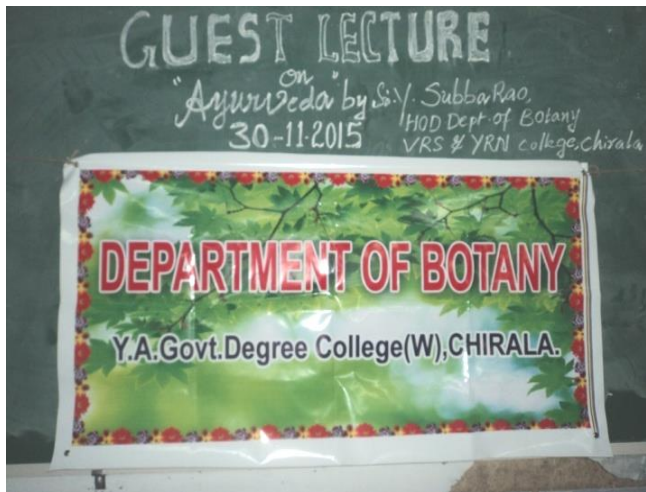
If it's your main life energy, practitioners believe you may develop asthma and other breathing disorders, cancer, diabetes, nausea after eating, and obesity.

Ayurvedic Treatment

An Ayurvedic practitioner will create a treatment plan specifically designed for you. They'll take into account your unique physical and emotional makeup, your primary life force, and the balance between all three of these elements.

The goal of treatment is to cleanse your body of undigested food, which can stay in your body and lead to illness. The cleansing process—called “panchakarma”—is designed to reduce your symptoms and restore harmony and balance.

To achieve this, an Ayurvedic practitioner might rely on blood purification, massage, medical oils, herbs, and enemas or laxatives.



MEDICINAL GARDEN

The dept of botany established Medicinal Garden. students cleared the weed plants, prepared the land for medicinal garden and started plantation



PARTICIPATION IN CAREER GUIDANCE AND JOB DRIVE

Smt.M.Santosh kumari lecturer in Botany as Career Guidance Convenor organised career guidance programmes and Job drives in association with JKC





WORLD FOREST DAY March 21st 2016st

The dept of botany observed world forest day on March 21st 2016 . An awareness programme on the importance and conservation of forests was conducted by the department of Botany. Students and staff delivered lectures on the importance of forests. The importance of conservation of forests, conservation of Biodiversity and importance of plantation were the key points.

Chief guest : Principal Dr.Ch.Ramanamma

Vice principal Sri D.venkaiah , Lecturer in Botany Smt M.Santoshkumari and other lecturers addressed the students on the occasion

No of participants: Nearly 40 students and 7 staff participated



Staff speaking on the conservation of forests and biodiversity



Students talk on the occasion of world forest day

HERBAL PREPARATIONS



Digital class& Virtual lab on 3-12-15 &6-12-15

The dept of botany conducted virtual lab for students



EXTENSION ACTIVITIES

EXTENSION LECTURE AT VRS & YRN COLLEGE ON 19-12-15

Smt.M.Santosh kumari ,Lecturer in Botany of this department was invited for delivering Guest lecture on the topic “Morphology,anatomy and reproduction in Pinus” at VRS & YRN College,Chirala.



PARTICIPATION IN BRAIN STORMING SESSION ON BIODIVERSITY



Smt.M.Santosh kumari ,Lecturer in Botany of this department participated in the Brainstorming session conducted by AP State Biodiversity Board AT Vijayawada on 4-3-2016 regarding Biodiversity act 2002 and ABS mechanism

ORIENTATION TO ZPHS SCIENCE TEACHERS OF PARCHUR MANDAL

Smt.M.Santosh kumari ,Lecturer in Botany of this department demonstrating and explaining about the specimens and slides related to Botany to Zilla Parishad High school science teachers of parchur mandal. They visited our Botany laboratory as part of orientation programme under RMSA.



