

S.R.R. & C.V.R. Government Degree College (A)

An Autonomous & ISO 9001: 2015 Certified Institution:: Ranked by NIRF in 101-150 band at NIRF-2020 & 151-200 band in NIRF 2019 NAAC accredited Institution with grade B+ with C.G.P.A 2.6 during March, 2017

Machavaram, Vijayawada, Krishna District, AP-520 004

SKILL DEVELOPMENT HYDROPONICS-OCTOBER 2017 23.10.2017



DEPARTMENT OF BOTANY

SRR & CVR Government Degree College

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Machavaram, Vijayawada, Krishna District, AP-520 004



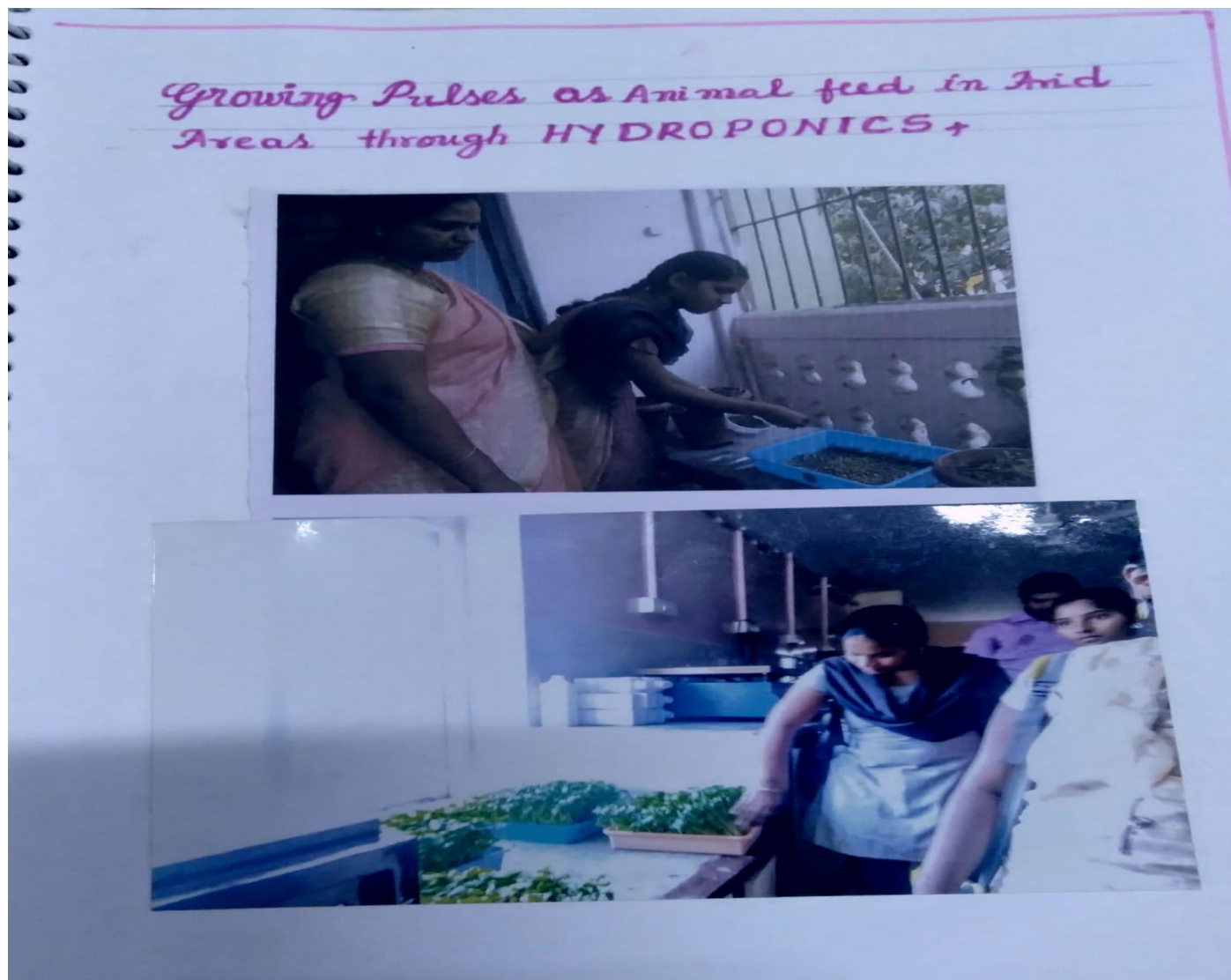
DEPARTMENT OF BOTANY

Dates	October 2017
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Extension activity/ Skill development
Title of the Activity	Hydroponics
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	B.SC BZC Students
No of students participated	35
Name of the Lecturers who planned & conducted the activity	Planned and Organized by Mrs M. Sravana Valli Lecturer In Charge Mrs D. Jyothi, Lecturer in Botany
Remarks	Hydroponics was a success and students involved with much interest in this activity

Department of Botany SRR & CVR Govt Degree College initiated maintenance of medicinal plants, a skill development activity in October 2017.

Pre Preparation /Action Plan :

Students and Faculty initiated the skill development activity on the concept of drip irrigation .
III BZC students took an active part in this activity



III BZC students participating in Hydroponics activity in Dept premises

Motive of this program:

Making the students aware about the concept of Hydroponics and the significance of water usage .



Dept of Botany students Practicing Hydroponics

Significance and Report:

Hydroponics is a method of growing plants without soil. Year- long Hydroponics uses less water than traditional soil-based systems. Hydroponics allows for faster growth and higher yields than traditional soil-based growing systems.

In a traditional garden, plant roots have to seek out nutrients in the soil. In hydroponic gardens, nutrients are dissolved in the water that surrounds the roots, so plants have easier access to the nutrition and tend to grow big and beautiful quickly.

This concept of Hydroponics works by allowing minute control over environmental conditions like temperature and pH balance and maximized exposure to nutrients and water.

Hydroponics operates under a very simple principle: provide plants exactly what they need when they need it.

Hydroponics administer nutrient solutions adjusted to the needs of the particular plant . They make us control exactly how much light the plants receive and for how long. pH levels can be monitored and adjusted. In a highly customized and controlled environment, plant growth accelerates.

Students participated in this activity with much interest and learnt the basic skills of Hydroponics

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DEPARTMENT OF BOTANY



STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.	23.10.17	II B2C	163174024	RATU	Good
2	23/10/17	II B2C	163174022	Prasanth	useful.
3	23/10/17	II B2C	163174021	Jeevan Kumar	satisfied.
4	23/10/17	II B2C	163174026	Durgaprasad	Good.
5	23.10.17	II B2C	163174025	Madhu Babu	use full
6	23.10.17	II B2C	163174028	Bhannu Prasad	useful.
7	23.10.17	II B2C	163174045	P. Kumar	Good
8	23.10.17	II B2C	163174038	Pradeep.	useful.
9	23/10/17	II B2C	163174020	Prasanthi	Good.
10	23/10/17	II B2C	163174023	Pradeep	satisfied.
11	23/10/17	II B2C	163174040	Pradeep	Good.
12	23/10/17	II B2C	163174027	Pradeep	Good.
13	23/10/17	II B2C	163174089	Sanjay.	Good.
14	23.10.17	II B2C	163174030	Nagendra	Good.
15	23/11/17	II B2C	163174036	Pradeep	use full
16	23/11/17	II B2C	163174035	Pradeep	Good

