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

ANU NATIONAL WORKSHOP 2.8.2018



DEPARTMENT OF BOTANY

SRR & CVR Government Degree College

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**



Date of Activity 2.8.2018 Conducted through **Department of Botany** (DRC/JKC/ELF/NCC/NSS/ Departments etc. **National Workshop** Nature of activity (seminar/Workshop/Extn. Lecture etc. Title of the Activity **Transgenics Technology Applications in Plants Department of Botany** Name of the **Department/Committee Details of Resource Persons Department of Botany and Microbiology Faculty** Acharya Nagarjuna University, Guntur (Name, Designation etc.,) 40 No of students participated Name of the Lecturers who D.Jyothi, In Charge Dept of Botany planned & conducted the activity G.V. Vara Lakshmi, Lecturer in Botany V. Naga Lakshmi, Lecturer in Botany Remarks This Workshop was very informative and beneficial to the students.

National Workshop

2-8-2018 TWO DAY National Workshop on Regulatory Mechanisms, Transperie Technology and Applications in Plants". conducted by Department of Bolany & Microbiology - NAGARTUNA UNIVERSITY. Gontur



Students of I, II, B.Z.C students had attended. * Workshop provoked students to know mole about science & advancement in sciences.



Faculty members: D. Jyothi

Report:

Department of Botany, SRR & CVR Govt Degree College faculty and students attended Two Day National workshop organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur on 2.8.2018. Workshop's theme is on "Regulatory Mechanisms, Transgenic technology and applications in plants".

Students improved their knowledge on transgenics and their applications through this two day National Workshop by all the wonderful Lectures .

They came to know that Transgenic refers to an organism or cell whose genome has been altered by the introduction of one or more foreign DNA sequences from another species by artificial means. Transgenic organisms are generated in the laboratory for research purposes.

They understood the important transgenic applications like Resistance to Biotic Stresses and Abiotic Stresses, Improvement of Crop Yield and Quality, Transgenic Plants with Improved Nutrition, Commercial Transgenic Crop Plants and Transgenic Plants as Bioreactors.

Students learnt that Crop improvement through the transgenic approach is based on recombinant DNA technology including isolating the gene of interest, followed by its cloning in the desired vector with required selectable markers.

Students learnt that through the use of transgenics, one can produce plants with desired traits and even increased yields. The transgenics would increase pest and disease resistance and increase the lifetime of plants . Transgenic plant production will allow the growing population to produce more desirable products.

They also learnt about the concerns over transgenic crops and fears about the harmful environmental and hazardous health effects of transgenic plants still exists in society. The transfer of almost all the transgenic plants from the laboratory to the crop fields is invariably associated with legal and regulatory hurdles, besides the social and economic concerns.

The workshop was very productive and II BZC and III BZC Students and Faculty Participated in this with much enthusiasm.



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STUDENT SIGNATURES AND FEEDBACK

S.No	Date	Class	Roll no/ Reg no	Signature	Remarks
1.	2/8/10	IBze	163174018	A. priyonka	Weful.
2.	2/6/18	IB. 2.0	163174019	Abdul Sallem	Reneficial
3.	2/8/18	I Bzc	163174020	A. prasanthi	GOOD
4,	I-8-18	7	163174021	B. Jeevan kumar	Got awards
5.		T.B.7.C	163174022	B. (6) 200 6 20 di	Satisfactory
6.	2/8/18	I BZC	163174028	B. Polasama	Useful V
7	2-8	SI BZC	163174024	ChiRaju	Good
8	2-8-18	I BZ	163174025	Ch nather Baba	Croo I
9	2-8-18	I BZC	163174026	D. Durga Prasad	use ful.
10	218/18	TI BZC	163174027	S. Deepu Waswaswasan	Reneficial,
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14	2-8	II.B.7.	(16 31 740 31	Trubiga Taja	Renefical,
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STUDENT SIGNATURES AND FEEDBACK						
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STUDENT SIGNATURES AND FEEDBACK						
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-	50.	2/8/18	PBZC	4163174050	p. Sodha Rua:	Good
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		2-8-18	RBZC	4163174050	Sudfan	Salisfactory
	G6	2-8-18		916 7 20000	P. Gopi	Good
	67		00	1163174052	p-Anpl.	weful
	68·	2/8	I R20	1163174063	P.L. Basanno	Beneficial.
	69	2/8/18	IBZC	Y/63174053y	P. Pswali	Good
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-	71.	2-8-1		4163174056	Baja R.	useful
	72	2-8/18	RB20	4163174057	Mahesh Redd	y Got awareney

