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

MANA TV VIRTUAL CLASS 26.6.2018



DEPARTMENT OF BOTANY

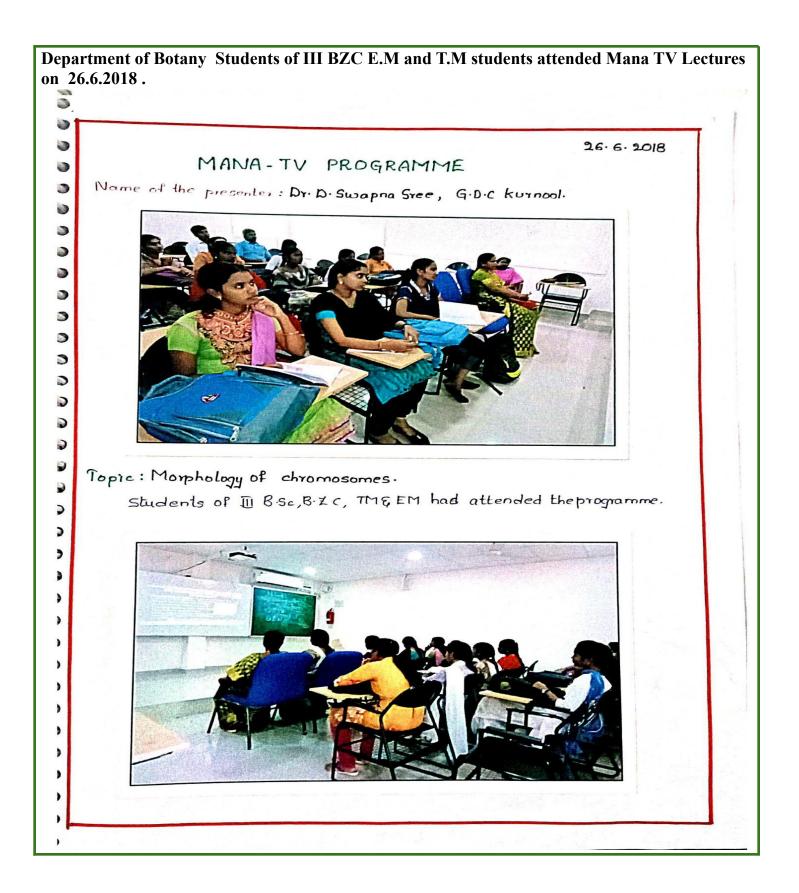
SRR & CVR Government Degree College An Autonomous & ISO 9001: 2015 Certified Institution:: Ranked by NIRF in 101-150 band at NIRF-2020 & 151-200 band in NIRF 2019 NAAC accredited Institution with grade B+ with C.G.P.A 2.6 during March, 2017 Machavaram, Vijayawada, Krishna District, AP-520 004



DEPARTMENT OF BOTANY

Date of Activity	26.6.2018
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.	Department of Botany
Nature of activity (seminar/Workshop/Extn. Lecture etc.	Mana TV Lecture
Title of the Activity	Mana TV Session
Name of the Department/Committee	Department of Botany
Details of Resource Persons (Name , Designation etc.,)	Dr D. Swapna sree Lecturer in Botany Kurnool GDC
No of students participated	30
Name of the Lecturers who planned & conducted the activity	Mrs D. Jyothi Lecturer in Charge , Dept of Botany Ms G. Vara Lakshmi Lecturer in Botany Ms V. Naga Lakshmi Lecturer in Botany
Remarks	This Mana TV Session was very informative and beneficial to the students .

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Report:

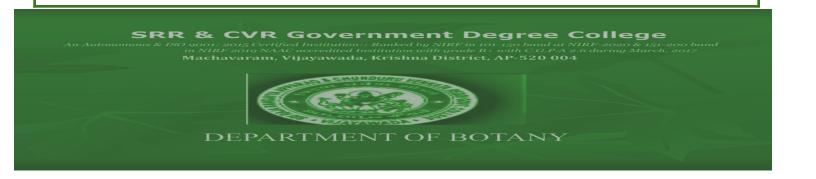
The Department of Botany students attended the MANA TV Session by Resource person Dr D. Swapnasree , Lecturer in Botany , KUrnool GDC .

Dr. D. Swapna Sree explained the morphology of chromosomes in detail. Chromosomes are made up of chromatin , each chromosome has two chromatids which are joined by centromeres . Based on the position of the centromere, chromosomes were divided into Metacentric, submetacentric, Acrocentric and Telocentric chromosomes .

Chromosomes are thread-like structures present in the nucleus, which carries genetic information from one generation to another. They play a vital role in cell division, heredity, variation, mutation, repair and regeneration.

Eukaryotic chromosomes consist of two sister chromatids. The sister chromatids are identical to one another and are attached at a compressed region called the centromere. This is important for chromosomal separation during cell division. When the sister chromatids are connected at the centromere, they are still considered to be one chromosome (X-shaped). As soon as they are pulled apart during cell division, each is considered a separate chromosome.

Students asked some doubts regarding chromosome structure and got clarified . This Mana TV Session was very informative and beneficial to the III BZC Students .



	STUDENT SIGNATURES AND FEEDBACK						
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		III.B2.e.	163174623	Brossance	Good.	
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