



S.G.V.C Vidya Prasarak Trust's
M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDEBIHAL
DEPARTMENT OF BOTANY

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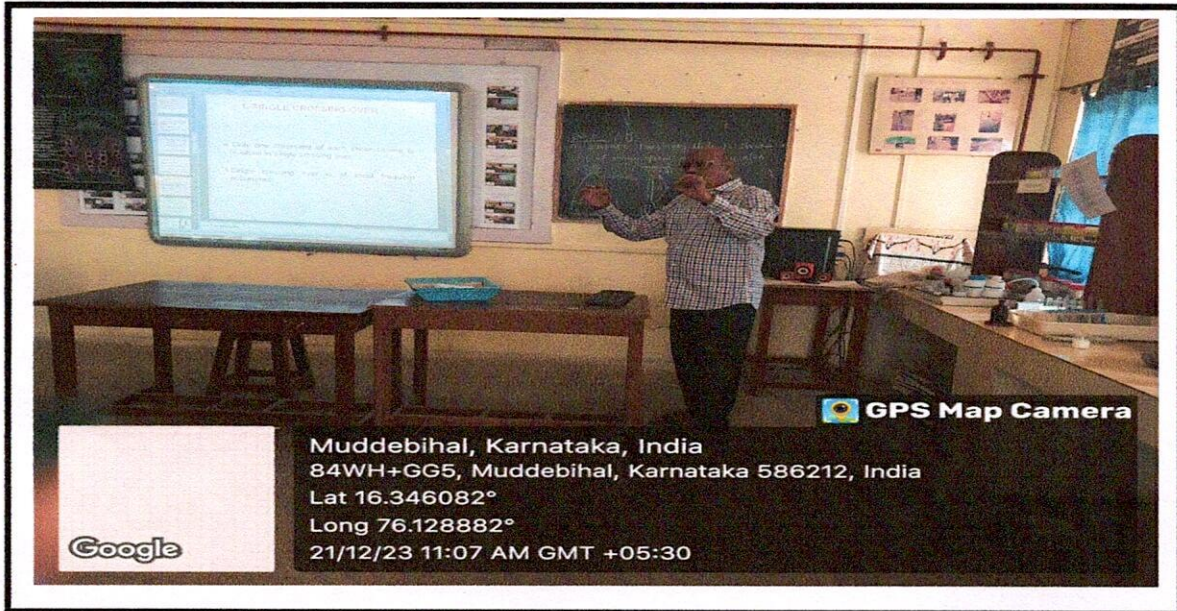
Name of the Staff Member: Prof-S.V.Gurumath,

Topic- Linkage and Crossing Over

Class: B.Sc Vth Semester

Date: 21.12.2023

Time: 10.30 to 11.30 am



Internal Quality Assurance Cell

M.G.V.C. Arts, Commerce & Science College
586212, Dist: Vijayapur

Head of the Department of Botany
M.G.V.C. College, MUDEBIHAL-586212
Dist: Bijapur.

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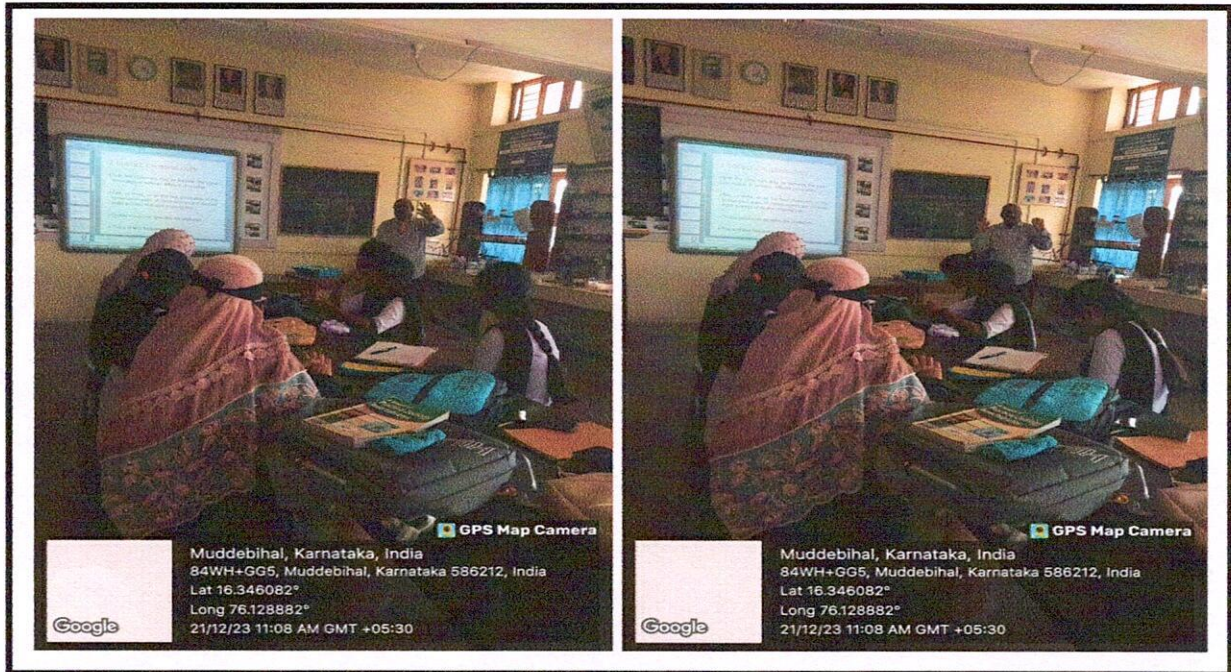
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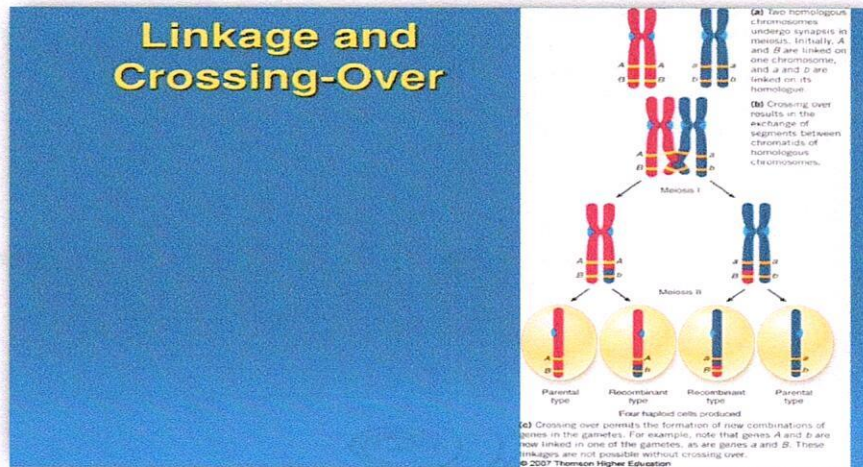
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Linkage and Crossing Over: Gregor John Mendel demonstrated in his experiment that characters are determined by certain factors. Such factors are stable and segregate independently at the time of gamete formation. He was, however, unaware of the location of these factors in the cell and thus could not identify the physical counterparts of these factors.

The development of new and improved techniques subsequently helped in the discovery of chromosomes, chromosomal theory of inheritance, and the process of cell division. The significant workings of geneticists on the chromosomal theory of inheritance put light on the phenomenon of **Linkage Crossing Over**. Let's go deep into the article to study the characteristics, types, and significance of linkage and crossing.


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