



# MAHATMA GANDHI CENTRAL UNIVERSITY

(Established by an Act of Parliament)

TempCamp Office, Zila School Campus, Motihari, District: East Champaran, Bihar – 845401

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Annexure I

## School of Life Sciences Department of Botany

THIRD BOARD OF STUDIES MEETING OF DEPARTMENT OF BOTANY ON 26<sup>TH</sup> APRIL 2019

### Summary of the Course Structure offered by the Department of Botany

Semester	Course Title	L/T/P
Semester I	Cell and Molecular Biology	Theory
	Cytology, Genetics and Genomics	Theory
	Microbiology and Mycology	Theory
	Lower Botany	Theory
	<b>Botany Practical I</b>	<b>Practical</b>
	<b>Botany Practical II</b>	<b>Practical</b>
Semester II	Developmental and Reproductive Biology	Theory
	Systematics and Evolution	Theory
	Plant Physiology and Biochemistry	Theory
	Techniques in Plant Sciences, Biostatistics and Bioinformatics	Theory
	<b>Botany Practical III</b>	<b>Practical</b>
	<b>Botany Practical IV</b>	<b>Practical</b>
	Seminar I	
Semester III	Genetic Engineering and Plant Biotechnology	Theory
	Environment and Ecology	Theory
	Plant Resources	Theory
	<b>Department Specific Elective Courses-I</b>	Theory
	<b>Practical V</b>	<b>Practical</b>
	Seminar II	
Semester IV	Research Methodology	Theory
	<b>Department Specific Elective Courses -II</b>	Theory
	<b>Practical VI</b>	<b>Practical</b>
	<b>Dissertation</b>	<b>Practical</b>

**Summary of the Department specific elective and course titles offered by the Department of Botany**

Semester	Courses Titles	T or P Mode
Semester III	Plant Biochemistry	Theory
	Industrial Microbiology	Theory
	Applied Phycology	Theory
	Cytogenetics and Plant Breeding	Theory
Semester IV	Plant Pathology	Theory
	Agricultural Microbiology	Theory
	Stress Biology of Cyanobacteria	Theory
	Genetic Improvement of Crops	Theory

**Course Structure offered by the Department of Botany**

Semester	Credits
I	20
II	21
III	21
IV	22
<b>Total Credits</b>	<b>84</b>