

VIVEKANAND COLLEGE, (AUTONOMOUS) KOLHAPUR

Department of Biotechnology (Optional)

B.Sc. I/II/III CO-PO-PSO Attainment verification

Year 2020-21

CO attainment verification:

Course Name	Course Code	Paper title	CO Target	CO Attainment	Fully Attained or not	Action taken
Course I	DSC-1009A	Basics of Biotechnology I & II	3	1.8	Not attained	Try to attain excellent
Course II	DSC-1009B	Microbiology and Basics of Cell biology and genetics	3	1.0	Not attained	Need to focus on Exam
Course III	DSC-1009C	Enzyme Technology and Molecular Biology	3	0.8	Not attained	Need to Focus on Exam
Course IV	DSC-1009D	Immunology and r-DNA	3	2.0	Not attained	Try to attain excellent
Course V	DSC-1009E1	Plant and Environmental Biotechnology	3	1.2	Not attained	Try to attain excellent
Course VI	DSC-1009E2	Large scale manufacturing process	3	0.2	Not attained	Need to focus on the exam
Course VII	DSC-1009F1	Advances in Biotechnology	3	2.0	Not attained	Try to attain excellent
Course VIII	DSC-1009F2	ATC and Cell metabolism	3	1.8	Not attained	Try to attain excellent

### PO Verification

PO	Attainment	Level
PO1	1.297	Good
PO2	1.339	Good
PO3	1.294	Good
PO4	1.343	Good
PO5	1.425	Good

### PSO verification

PSO	Attainment	Level
PSO1	1.386	Good
PSO2	1.426	Good
PSO3	1.424	Good
PSO4	1.286	Good
PSO5	1.214	Good



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**HEAD**  
DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)  
VIVEKANAND COLLEGE, KOLHAPUR  
(EMPOWERED AUTONOMOUS)