



ST XAVIER'S COLLEGE JAIPUR

Nevta - Mahapura Road, Jaipur - 302029, Rajasthan, India

Affiliated to the University of Rajasthan

Approved under Section 2(f) & 12(B) of the UGC Act, 1956

University Result Analysis POs-COs Attainment for B.Sc. 2022-23

The computation of the attainment of POs-COs is analysed through the course-wise result analysis. The skills and knowledge of the students are analysed through the external assessment and the benchmark is as follows:

The benchmark used for COs attainment is:

Attainment Level		Status	Description
Level 1	60% and above	Attained	High Level of Attainment
Level 2	Pass Percentage to 59.99%	Attained	Moderate Level of Attainment
Level 3	Less than Pass Percentage*	Not Attained	Low Level of Attainment

* BA (Hons), BCA - 40%; BA, BBA, BCom, BSc- 36%

(*Pass Percentage)

The attainment of POs is based on the attainment of COs

High Level of Attainment of POs: 60% and above students attaining Level 1 and Level 2 of COs

Moderate Level of Attainment: 40%-59.9% of students attaining Level 1 and Level 2 of COs

Low Level of Attainment: Less than 40% of students attaining Level 1 and Level 2 of COs

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Attainment of PO-CO for B.Sc. Physics PH-101 Mechanics and Oscillations

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	6	Not Attained	Low Level of Attainment

Thus, 45.45% of students attained the COs of this course.

PO Attainment

POs 1 and 3 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Physics PH-102 Electromagnetism

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	8	Not Attained	Low Level of Attainment

Thus, 27.27% of students attained the COs of this course.

PO Attainment

POs 1 and 4 are mapped with this course and hence low level of attainment of POs.


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Attainment of PO-CO for B.Sc. Physics PH-103 Optics

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	8	Not Attained	Low Level of Attainment

Thus, 27.27% of students attained the COs of this course.

PO Attainment

POs 1, 2 and 5 are mapped with this course and hence low level of attainment of POs.

Attainment of PO-CO for B.Sc.. Mathematics MH-101 Discrete Mathematics

Attainment Level	No of Students	Status	Description
Level 1	8	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	0	Not Attained	Low Level of Attainment

Thus, 90.9% of students attained the COs of this course.

PO Attainment

POs 3, 4 and 6 are mapped with this course and hence high level of attainment of POs.

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Attainment of PO-CO for B.Sc. Mathematics MH-102 Calculus

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 36 % of students attained the COs of this course.

PO Attainment

POs 1, 4 and 5 are mapped with this course and hence low level of attainment of POs.

Attainment of PO-CO for B.Sc. Mathematics MH-103 Analytic Geometry and Optimization

Theory

Attainment Level	No of Students	Status	Description
Level 1	2	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 36 % of students attained the COs of this course.

PO Attainment

POs 2, 3 and 4 are mapped with this course and hence low level of attainment of POs.



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Attainment of PO-CO for B.Sc. Chemistry CH-101 Inorganic Chemistry

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 36% of students attained the COs of this course.

PO Attainment

POs 8 and 10 are mapped with this course and hence low level of attainment of POs.

Attainment of PO-CO for B.Sc. Chemistry CH-102 Organic Chemistry

Attainment Level	No of Students	Status	Description
Level 1	2	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 36 % of students attained the COs of this course.

PO Attainment

Pos 5 and 6 are mapped with this course and hence low level of attainment of POs.


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Attainment of PO-CO for B.Sc. Chemistry CH-103 Physical Chemistry

Attainment Level	No of Students	Status	Description
Level 1	5	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 90% of students attained the COs of this course.

PO Attainment

POs 2, 5, 6, 9 and 10 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for B.Sc. Botany B-101 Cell Biology, Genetics and Plant Breeding

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	4	Not Attained	Low Level of Attainment

Thus, 20% of students attained the COs of this course.

PO Attainment

POs 5, 7, 8 and 10 are mapped with this course and hence low level of attainment of POs.

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Attainment of PO-CO for B.Sc. Botany B-102 Microbiology, Mycology and Plant Pathology

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	3	Not Attained	Low Level of Attainment

Thus, 40 % of students attained the COs of this course.

PO Attainment

POs 7 and 8 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Botany B-103 Algae, Lichens and Bryophyta

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

None of the students attained the COs of this course.

PO Attainment

POs 5, 7 and 10 are mapped with this course and hence low level of attainment of POs.

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Attainment of PO-CO for B.Sc. Zoology Z-101 Diversity of Animals

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	2	Attained	Moderate Level of Attainment
Level 3	3	Not Attained	Low Level of Attainment

Thus, 40% of students attained the COs of this course.

PO Attainment

POs 7, 9 and 10 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Zoology Z-102 Cell Biology and Genetics

Attainment Level	No of Students	Status	Description
Level 1	2	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	0	Not Attained	Low Level of Attainment

Thus, 100 % of students attained the COs of this course.

PO Attainment

POs 9 and 10 are mapped with this course and hence high level of attainment of POs.



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Attainment of PO-CO for B.Sc. Zoology Z-103 Gamete and Developmental Biology

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	2	Not Attained	Low Level of Attainment

Thus, 60 % of students attained the COs of this course.

PO Attainment

POs 7, 9 and 10 are mapped with this course and hence high level of attainment of POs.

Attainment of CO for B.Sc. Economics: P 1 Microeconomic Theory

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 50 % of students attained the COs of this course.

PO Attainment

PO 7,8,11,12 and 1 are mapped with this course and moderate level of attainment of PO.

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Attainment of CO for B.Sc. Economics: P 2 Indian Economy

Attainment Level	No of Students	Status	Description
Level 1	2	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	0	Not Attained	Low Level of Attainment

Thus, 100 % of students attained the COs of this course.

PO Attainment

POs 7, 11, 12 and 13 are mapped with this course and hence high level of attainment of POs.

Attainment of CO for B.Sc. Statistics: P 1 Probability Theory

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 50 % of students attained the COs of this course.

PO Attainment

PO 3, 13 and 14 are mapped with this course and hence moderate level of attainment of POs.


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Attainment of CO for B.Sc. Statistics P 2 Descriptive Statistics

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 50 % of students attained the COs of this course.

PO Attainment

POs 4, 13 and 14 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Geography P 1 Physical Geography

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	1	Attained	Moderate Level of Attainment
Level 3	0	Not Attained	Low Level of Attainment

Thus, 100 % of students attained the COs of this course.

PO Attainment

POs 13, 15 and 16 are mapped with this course and hence high level of attainment of PO.

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Attainment of PO-CO for B.Sc. Geography P 2 Geography of Rajasthan

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	1	Attained	Moderate Level of Attainment
Level 3	0	Not Attained	Low Level of Attainment

Thus, 100 % of students attained the COs of this course.

PO Attainment

POs 9, 11, 15 and 16 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for B.Sc. Physics P-204 Thermodynamics and Statistical Physics

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	10	Not Attained	Low Level of Attainment

Thus, 23.07 % of students attained the COs of this course.

PO Attainment

POs 2 and 4 are mapped with this course and hence low level of attainment of POs


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Attainment of PO-CO for B.Sc. Physics P-205 Mathematical Physics and Special Theory of Relativity

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	13	Not Attained	Low Level of Attainment

None of the students attained the COs of this course.

PO Attainment

PO 1, 2 and 6 are mapped with this course and hence low level of attainment of POs.

Attainment of PO-CO for B.Sc. Physics P-206 Electronics & Solid State Devices

Attainment Level	No of Students	Status	Description
Level 1	0	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	8	Not Attained	Low Level of Attainment

Thus, 38.46 % of students attained the COs of this course.

PO Attainment

PO 1, 2, 3 and 4 are mapped with this course and hence low level of attainment of POs.



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Attainment of PO-CO for B.Sc. Mathematics M-204 Real Analysis

Attainment Level	No of Students	Status	Description
Level 1	2	Attained	High Level of Attainment
Level 2	4	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 46% of students attained the COs of this course.

PO Attainment

POs 1 and 3 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Mathematics M-205 Differential Equations

Attainment Level	No of Students	Status	Description
Level 1	1	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 46.15 % of students attained the COs of this course.

PO Attainment

POs 1 and 4 are mapped with this course and hence moderate level of attainment of POs.



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Attainment of PO-CO for B.Sc. Mathematics M-206 Numerical Analysis and Vector Calculus

Attainment Level	No of Students	Status	Description
Level 1	4	Attained	High Level of Attainment
Level 2	4	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

Thus, 61.5 % of students attained the COs of this course.

PO Attainment

POs 1, 2 and 5 are mapped with this course and hence high level of attainment of POs

Attainment of PO-CO for B.Sc. Chemistry CH-204 Inorganic Chemistry

Attainment Level	No of Students	Status	Description
Level 1	5	Attained	High Level of Attainment
Level 2	15	Attained	Moderate Level of Attainment
Level 3	7	Not Attained	Low Level of Attainment

Thus, 74.07 % of students attained the COs of this course.

PO Attainment

PO 1, 3, 5, 6, 7 and 10 are mapped with this course and hence high level of attainment of POs.



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Attainment of PO-CO for B.Sc. Chemistry CH-205 Organic Chemistry

Attainment Level	No of Students	Status	Description
Level 1	3	Attained	High Level of Attainment
Level 2	9	Attained	Moderate Level of Attainment
Level 3	15	Not Attained	Low Level of Attainment

Thus, 46.15 % of students attained the COs of this course.

PO Attainment

POs 1, 6 and 8 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Chemistry CH-206 Physical Chemistry

Attainment Level	No of Students	Status	Description
Level 1	5	Attained	High Level of Attainment
Level 2	3	Attained	Moderate Level of Attainment
Level 3	6	Not Attained	Low Level of Attainment

Thus, 46.15 % of students attained the COs of this course.

PO Attainment

POs 2, 5, 6, 8 and 9 are mapped with this course and hence moderate level of attainment of POs.


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Attainment of PO-CO for B.Sc. Botany B-204 Molecular Biology and Biotechnology

Attainment Level	No of Students	Status	Description
Level 1	3	Attained	High Level of Attainment
Level 2	6	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

Thus, 64 % of students attained the COs of this course.

PO Attainment

POs 8 and 10 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for B.Sc. Botany B-205 Plant Physiology & Biochemistry

Attainment Level	No of Students	Status	Description
Level 1	5	Attained	High Level of Attainment
Level 2	4	Attained	Moderate Level of Attainment
Level 3	3	Not Attained	Low Level of Attainment

Thus, 64 % of students attained the COs of this course.

PO Attainment

POs 5, 7, 8 and 9 are mapped with this course and hence high level of attainment of POs.



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Attainment of PO-CO for B.Sc. Botany B-206 Pteridophyte, Gymnosperm, & Paleobotany

Attainment Level	No of Students	Status	Description
Level 1	4	Attained	High Level of Attainment
Level 2	4	Attained	Moderate Level of Attainment
Level 3	6	Not Attained	Low Level of Attainment

Thus, 57% of students attained the COs of this course.

PO Attainment

POs 7, 8 and 9 are mapped with this course and hence moderate level of attainment of POs.

Attainment of PO-CO for B.Sc. Zoology Z-204 Structure and Function of Invertebrate Types

Attainment Level	No of Students	Status	Description
Level 1	4	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

Thus, 64 % of students attained the COs of this course.

PO Attainment

POs 9 and 10 are mapped with this course and hence high level of attainment of POs.

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Attainment of PO-CO for B.Sc. Z-205 Animal Physiology and Biochemistry

Attainment Level	No of Students	Status	Description
Level 1	4	Attained	High Level of Attainment
Level 2	8	Attained	Moderate Level of Attainment
Level 3	2	Not Attained	Low Level of Attainment

Thus, 85.7% of students attained the COs of this course.

PO Attainment

POs 7, 8 and 10 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for B.Sc. Z-206 Immunology, Microbiology and Biotechnology

Attainment Level	No of Students	Status	Description
Level 1	5	Attained	High Level of Attainment
Level 2	5	Attained	Moderate Level of Attainment
Level 3	4	Not Attained	Low Level of Attainment

Thus, 86% of students attained the COs of this course.

PO Attainment

POs 5,7, 9 and 10 are mapped with this CO and hence high level of attainment of POs.



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