University Result Analysis

POs-COs Attainment for B.C.A.

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, MA- 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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Nevta-Mahapura Road, Jaipur

Attainment of PO-CO for BCA Paper 101 Computer Fundamentals and Office Management Tools

Attainment Level	No of Students	Status	Description
Level 1	42	Attained	High Level of Attainment
Level 2	17	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

PO 1 is mapped with this course and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 102 Computer Organization

Attainment Level	No of Students	Status	Description
Level 1	22	Attained	High Level of Attainment
Level 2	32	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

Thus, 91.52% of students attained the COs of this course.

PO Attainment

PO 1 is mapped with this course and hence high level of attainment of PO.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 103 Operating System

Attainment Level	No of Students	Status	Description
Level 1	18	Attained	High Level of Attainment
Level 2	27	Attained	Moderate Level of Attainment
Level 3	14	Not Attained	Low Level of Attainment

Thus, 76.27% of students attained the COs of this course.

PO Attainment

PO 1 is mapped with this course and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 104 Principles of Programming Language through C

Attainment Level	No of Students	Status	Description
Level 1	15	Attained	High Level of Attainment
Level 2	31	Attained	Moderate Level of Attainment
Level 3	13	Not Attained	Low Level of Attainment

Thus, 77.96% of students attained the COs of this course.

PO Attainment

POs 1, & 3 are mapped with this course and hence high level of attainment of PO.

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Attainment of PO-CO for BCA Paper 105 Web Application Development

Attainment Level	No of Students	Status	Description
Level 1	27	Attained	High Level of Attainment
Level 2	23	Attained	Moderate Level of Attainment
Level 3	9	Not Attained	Low Level of Attainment

Thus, 84.74% of students attained the COs of this course.

PO Attainment

POs 1 & 4 are mapped with this course and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 106 Basic Mathematics

Attainment Level	No of Students	Status	Description
Level 1	21	Attained	High Level of Attainment
Level 2	18	Attained	Moderate Level of Attainment
Level 3	20	Not Attained	Low Level of Attainment

Thus, 66.10% of students attained the COs of this course.

PO Attainment

PO 2 is mapped with this course and hence high level of attainment of PO.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 107 Office Management Tools Lab

Attainment Level	No of Students	Status	Description
Level 1	59	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

PO 3 is mapped with this course and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 108 C Programming Lab

Attainment Level	No of Students	Status	Description
Level 1	58	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 98.30% of students attained the COs of this course.

PO Attainment

PO 3 are mapped with this course and hence high level of attainment of PO.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 109 Web Application Development Lab

Attainment Level	No of Students	Status	Description
Level 1	59	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

PO 3 are mapped with this course and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 110 Communication Skills Lab

Attainment Level	No of Students	Status	Description
Level 1	59	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

PO 4 is mapped with this course and hence high level of attainment of PO.

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Attainment of PO-CO for BCA Paper 201 Business Accountancy

Attainment Level	No of Students	Status	Description
Level 1	26	Attained	High Level of Attainment
Level 2	20	Attained	Moderate Level of Attainment
Level 3	6	Not Attained	Low Level of Attainment

Thus, 88.46% of students attained the COs of this course.

PO Attainment

PO 1 and 3 are mapped with this CO and hence high level of attainment of PO.

Attainment of CO for BCA Paper 202 Discrete Mathematics

Attainment Level	No of Students	Status	Description
Level 1	14	Attained	High Level of Attainment
Level 2	29	Attained	Moderate Level of Attainment
Level 3	9	Not Attained	Low Level of Attainment

Thus, 82.69% of students attained the COs of this course.

PO Attainment

PO 1 & 3 are mapped with this CO and hence high level of attainment of PO.

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Attainment of PO-CO for BCA Paper 203 Operating System

Attainment Level	No of Students	Status	Description
Level 1	26	Attained	High Level of Attainment
Level 2	23	Attained	Moderate Level of Attainment
Level 3	3	Not Attained	Low Level of Attainment

Thus, 94.23% of students attained the COs of this course.

PO Attainment

POs 1 and 3 are mapped with this CO and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 204 Database Management System

Attainment Level	No of Students	Status	Description
Level 1	28	Attained	High Level of Attainment
Level 2	22	Attained	Moderate Level of Attainment
Level 3	2	Not Attained	Low Level of Attainment

Thus, 96.15% of students attained the COs of this course.

PO Attainment

POs 1 and 3 are mapped with this CO and hence high level of attainment of PO.

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Attainment of PO-CO for BCA Paper 205 Web Application Development

Attainment Level	No of Students	Status	Description
Level 1	31	Attained	High Level of Attainment
Level 2	18	Attained	Moderate Level of Attainment
Level 3	3	Not Attained	Low Level of Attainment

Thus, 94.23% of students attained the COs of this course.

PO Attainment

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

Attainment of PO-CO for BCA Paper 206 A Object Oriented Programming (C++)

Attainment Level	No of Students	Status	Description
Level 1	12	Attained	High Level of Attainment
Level 2	21	Attained	Moderate Level of Attainment
Level 3	6	Not Attained	Low Level of Attainment

Thus, 84.61% of students attained the COs of this course.

PO 1 & 4 are mapped with this CO and hence high level of attainment of POs.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 206 B: VB.NET

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

Thus, 84.61% of students attained the COs of this course.

PO Attainment

PO 1 is mapped with this CO and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 207 Database Management System Lab (Practical)

Attainment Level	No of Students	Status	Description
Level 1	52	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 3 and 4 are mapped with this CO and hence high level of attainment of PO.

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Attainment of CO for BCA Paper 208 Web Design and Multimedia

Attainment Level	No of Students	Status	Description
Level 1		Attained	High Level of Attainment
	50		
Level 2		Attained	Moderate Level of Attainment
	2		
Level 3	0	Not Attained	Low Level of Attainment

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

PO Attainment

POs 3 and 4 are mapped with this CO and hence high level of attainment of PO.

Attainment of PO-CO for BCA Paper 209 Multimedia

Attainment Level	No of Students	Status	Description
Level 1		Attained	High Level of Attainment
	52		
Level 2		Attained	Moderate Level of Attainment
	0		
Level 3	0	Not Attained	Low Level of Attainment

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

PO Attainment

POs 3 & 4 are mapped with this CO and hence high level of attainment of PO.

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Attainment of PO-CO for BCA Paper 210 A Object Oriented Programming (C++)

Attainment Level	No of Students	Status	Description
Level 1	39	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 2, 3 & 4 are mapped with this CO and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 210 B VB.NET (Practicals)

Attainment Level	No of Students	Status	Description
Level 1	12	Attained	High Level of Attainment
Level 2	0	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 92.30% of students attained the COs of this course.

PO Attainment

PO 2 & 4 are mapped with this CO and hence high level of attainment of POs.

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Attainment of PO-CO for BCA Paper 301 Using C/ C++

Attainment Level	No of Students	Status	Description
Level 1	18	Attained	High Level of Attainment
Level 2	22	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 1, 3 & 4 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 302 System Design Concepts

Attainment Level	No of Students	Status	Description
Level 1	19	Attained	High Level of Attainment
Level 2	18	Attained	Moderate Level of Attainment
Level 3	5	Not Attained	Low Level of Attainment

Thus, 88.09% of students attained the COs of this course.

PO Attainment

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

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St. Xavier's College, Jaipur

Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 303 Networking Technologies

Attainment Level	No of Students	Status	Description
Level 1	22	Attained	High Level of Attainment
Level 2	19	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 97.61% of students attained the COs of this course.

PO Attainment

POs 1 & 2 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 304 Core Java Programming

Attainment Level	No of Students	Status	Description
Level 1	14	Attained	High Level of Attainment
Level 2	27	Attained	Moderate Level of Attainment
Level 3	1	Not Attained	Low Level of Attainment

Thus, 97.61% of students attained the COs of this course.

PO Attainment

POs 1, 3 & 4 are mapped with this course and hence high level of attainment of POs.

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Attainment of PO-CO for BCA Paper 305 E-Commerce

Attainment Level	No of Students	Status	Description
Level 1	35	Attained	High Level of Attainment
Level 2	7	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 1 & 4 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 306 B: Advance Technologies of Programming through PHP

Attainment Level	No of Students	Status	Description
Level 1	4	Attained	High Level of Attainment
Level 2	20	Attained	Moderate Level of Attainment
Level 3	2	Not Attained	Low Level of Attainment

Thus, 92.3% of students attained the COs of this course.

PO Attainment

POs 1, 2 & 3 are mapped with this course and hence high level of attainment of POs.

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St. Xavier's College, Jaipur

Nevta-Mahapura Road, Jaipur

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Attainment of PO-CO for BCA Paper 306 C Linux and Shell Programming

Attainment Level	No of Students	Status	Description
Level 1	8	Attained	High Level of Attainment
Level 2	8	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 1, 2 & 3 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 307 Networking Laboratories

Attainment Level	No of Students	Status	Description
Level 1	42	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 2, 3 & 4 are mapped with this course and hence high level of attainment of POs.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

Attainment of PO-CO for BCA Paper 308 Core Java Laboratory

Attainment Level	No of Students	Status	Description
Level 1	42	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 2, 3 & 4 are mapped with this course and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 309 B PHP

Attainment Level	No of Students	Status	Description
Level 1	26	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 2, 3 & 4 are mapped with this course and hence high level of attainment of POs.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

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Attainment of CO for BCA Paper 309 C Linux OS and Shell Programming

Attainment Level	No of Students	Status	Description
Level 1	16	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 2, 3 & 4 are mapped with this CO and hence high level of attainment of POs.

Attainment of PO-CO for BCA Paper 310 Project

Attainment Level	No of Students	Status	Description
Level 1	42	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 2, 3 & 4 are mapped with this course and hence high level of attainment of POs.

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St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur