



# THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

## EXAMINATION PROGRAMME : BACHELOR OF COMPUTER APPLICATION (NEP)

BCA (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED JAVA - ( 101030503 )	50
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		SERVER-SIDE WEB PROGRAMMING - ( 101020501 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		FOUNDATION OF ARTIFICIAL INTELLIGENCE - ( 101020503 )	50
4	26/11/2025	Time : 02:00 PM To 03:00 PM	
		SOFTWARE ENGINEERING - ( 101020504 )	25
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		COMPUTER NETWORK - ( 101020506 )	25

### Instructions:

1. Report at least one hour before the start of examination.
2. Candidates are not allowed to carry Mobile Phones and/or any kind of electronic gadgets in the examination hall.
3. Students have to follow all the instructions given in the answer book.
4. **Note for Practical examination:**  
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5. The university reserves the right to cancel/change the date, time and place of examination without assigning any reason.



*Disshaw*

Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF COMPUTER APPLICATION (BACKLOG)**

BCA - BKLK - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		E-COMMERCE FUNDAMENTALS - ( 201150501 )	50
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		SERVER-SIDE WEB PROGRAMMING - ( 101150502 )	60
		SERVER-SIDE WEB PROGRAMMING - ( 201150502 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		MULTIMEDIA APPLICATION - ( 201150504 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED JAVA PROGRAMMING - ( 201150506 )	50
5	28/11/2025	Time : 02:00 PM To 04:00 PM	
		INTRODUCTION TO ARTIFICIAL INTELLIGENCE - ( 101150511 )	60
		INTRODUCTION TO ARTIFICIAL INTELLIGENCE - ( 201150511 )	50

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*[Signature]*  
Controller of Examination, CVMU



## THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

### EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

BSC (AI & ML) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED JAVA - ( 101030503 )	50
2	20/11/2025	Time : 02:00 PM To 03:00 PM	
		CLOUD COMPUTING - ( 101030505 )	25
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		MACHINE LEARNING - ( 101040501 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		SOFTWARE ENGINEERING AND TESTING - ( 101040504 )	50
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		INTERNET OF THINGS (IOT) - ( 101040505 )	25

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*Shikha*  
Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN BIOINFORMATICS**

BSC (BIOINFO) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 03:00 PM	
		CLOUD COMPUTING - ( 101030505 )	25
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		MACHINE LEARNING - ( 101040501 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		MEDICAL INFORMATICS - ( 101270501 )	50
5	28/11/2025	Time : 02:00 PM To 04:00 PM	
		STRUCTURAL BIOLOGY AND DRUG DISCOVERY - ( 101270503 )	50

**Instructions:**

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*Kishore*  
Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN BIOTECHNOLOGY**

BSC (BIOTECH) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED MOLECULAR BIOLOGY - ( 101070501 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		ANIMAL BIOTECHNOLOGY - ( 101070503 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		BIOLOGICAL METABOLISM - ( 101070506 )	50
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		ADVANCED IMMUNOLOGY - ( 101070507 )	25

**Instructions:**

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Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN CHEMISTRY**

BSC (CHEMISTRY) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION: NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		CHEMISTRY OF ORGANIC COMPOUNDS - ( 101110501 )	50
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		CHROMATOGRAPHIC TECHNIQUES - ( 101110503 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		SEPARATION TECHNIQUES - ( 101110505 )	50
4	26/11/2025	Time : 02:00 PM To 03:00 PM	
		APPLIED CHEMISTRY - ( 101110506 )	25
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		INDUSTRIAL SAFETY AND HYGIENE - ( 101120508 )	25

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*Fulphara*

Controller of Examination, CVMU



## THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

### EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN COMPUTER APPLICATIONS AND INFORMATION TECHNOLOGY

BSC (CAIT) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED JAVA - ( 101030503 )	50
2	20/11/2025	Time : 02:00 PM To 03:00 PM	
		CLOUD COMPUTING - ( 101030505 )	25
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		MACHINE LEARNING - ( 101040501 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		WEB PROGRAMMING - I - ( 101030501 )	50
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		FUNDAMENTALS OF CYBER SECURITY - ( 101030506 )	25

#### Instructions:

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Controller of Examination, CVMU



# THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

## EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

BSC (ENV SCI) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		MICROBIAL BIOCHEMISTRY - ( 101090501 )	50
3	24/11/2025	Time : 02:00 PM To 03:00 PM	
		AGRICULTURE MICROBIOLOGY AND PLANT PATHOLOGY - ( 101090506 )	25
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		ENVIRONMENTAL BIOTECHNOLOGY - ( 101100501 )	50
5	28/11/2025	Time : 02:00 PM To 04:00 PM	
		GEOLOGY AND OCEANOGRAPHY - ( 101100503 )	50

### Instructions:

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*K. Subbarao*  
Controller of Examination, CVMU



# THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

## EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN FOOD TECHNOLOGY

BSC (FT) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		MODERN TECHNOLOGIES IN BAKING AND CONFECTIONERY - ( 101050501 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		PROCESSING TECHNOLOGY OF DAIRY PRODUCTS - ( 101050503 )	50
4	26/11/2025	Time : 02:00 PM To 03:00 PM	
		FOOD ADDITIVES - ( 101050506 )	25
5	28/11/2025	Time : 02:00 PM To 04:00 PM	
		FOOD PRODUCT INNOVATION - ( 101050505 )	50

### Instructions:

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*Shubhash*  
Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN GENETICS**

BSC (GENETICS) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		ADVANCED MOLECULAR BIOLOGY - ( 101070501 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		BIOCHEMICAL GENETICS - ( 101080503 )	50
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		PRINCIPLES OF PLANT AND ANIMAL BIOTECHNOLOGY AND BREEDING - ( 101080501 )	50
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		ADVANCED IMMUNOLOGY - ( 101070507 )	25

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*Kishore*  
Controller of Examination, CVMU



# THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

## EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN INDUSTRIAL CHEMISTRY

BSC (IC) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		UNIT OPERATIONS - II - ( 101120501 )	50
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		PETROLEUM SCIENCE AND TECHNOLOGY - ( 101120503 )	50
3	24/11/2025	Time : 02:00 PM To 04:00 PM	
		FLUID MECHANICS AND HEAT TRANSFER - ( 101120505 )	50
4	26/11/2025	Time : 02:00 PM To 03:00 PM	
		INDUSTRIAL POLLUTION - ( 101120506 )	25
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		INDUSTRIAL SAFETY AND HYGIENE - ( 101120508 )	25

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Controller of Examination, CVMU



# THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY

## EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN MEDICAL BIOTECHNOLOGY

BSC (MB) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 04:00 PM	
		APPLIED ANIMAL BIOTECHNOLOGY - ( 101280503 )	50
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		MOLECULAR BIOLOGY - II - ( 101280501 )	50
3	24/11/2025	Time : 02:00 PM To 03:00 PM	
		APPLIED IMMUNOLOGY - ( 101280506 )	25
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		METABOLISM OF BIOMOLECULES - ( 101280505 )	50
5	28/11/2025	Time : 02:00 PM To 03:00 PM	
		DOWNSTREAM PROCESSING, BIOASSAY AND QUALITY CONTROL - ( 101280508 )	25

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*Signature*

Controller of Examination, CVMU



**THE CHARUTAR VIDYA MANDAL (CVM) UNIVERSITY**  
**EXAMINATION PROGRAMME : BACHELOR OF SCIENCE IN MICROBIOLOGY**

BSC (MICRO) (NEP) - SEM 5 - NOV 25

PLACE OF EXAMINATION : NATUBHAI V PATEL COLLEGE OF PURE AND APPLIED SCIENCES (NVPAS)

Sr. No.	Exam Date	Time & Course	Marks
1	18/11/2025	Time : 02:00 PM To 03:00 PM	
		BIOINSTRUMENTATION AND BIOTECHNIQUES - ( 101070505 )	25
2	20/11/2025	Time : 02:00 PM To 04:00 PM	
		MICROBIAL BIOCHEMISTRY - ( 101090501 )	50
3	24/11/2025	Time : 02:00 PM To 03:00 PM	
		AGRICULTURE MICROBIOLOGY AND PLANT PATHOLOGY - ( 101090506 )	25
4	26/11/2025	Time : 02:00 PM To 04:00 PM	
		INDUSTRIAL MICROBIAL TECHNOLOGY - ( 101090503 )	50
5	28/11/2025	Time : 02:00 PM To 04:00 PM	
		IMMUNOLOGY - ( 101090505 )	50

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*Signature*  
Controller of Examination, CVMU