



# SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

NEP-2020 aligned Curriculum with effect from Academic Year 2026-27

## PROGRAMME STRUCTURE Bachelor of Pharmacy (B. Pharm) Semester: II

| To Pass                            | At least 50% Marks in the aggregate of University and Internal examination in each course. |                                                                               |                    |           |                        |                      |                    |                |                |
|------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------|-----------|------------------------|----------------------|--------------------|----------------|----------------|
| Course Type                        | Course code                                                                                | Name of the course                                                            | Theory / Practical | Credit    | Contact Hours per Week | Exam Duration in Hrs | Component of Marks |                |                |
|                                    |                                                                                            |                                                                               |                    |           |                        |                      | Internal           | End Semester   | Total          |
| Core Courses                       | UP02NCBPH01                                                                                | Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory) | Theory             | 2         | 2                      | 1.5                  | 10/20              | 15/30          | 25/50          |
|                                    | UP02NCBPH02                                                                                | Biochemistry (Theory)                                                         | Theory             | 3         | 3                      | 02                   | 15/30              | 23/45          | 38/75          |
|                                    | UP02NCBPH03                                                                                | Human Anatomy, Physiology and Pathophysiology II (Theory)                     | Theory             | 4         | 4                      | 03                   | 20/40              | 30/60          | 50/100         |
|                                    | UP02NCBPH04                                                                                | Pharmaceutical Organic Chemistry (Theory)                                     | Theory             | 4         | 4                      | 03                   | 20/40              | 30/60          | 50/100         |
|                                    | UP02NCBPH05                                                                                | Pharmacognosy and Phytochemistry (Theory)                                     | Theory             | 4         | 4                      | 03                   | 20/40              | 30/60          | 50/100         |
|                                    | UP02NCBPH06                                                                                | Physical Pharmaceutics (Theory)                                               | Theory             | 3         | 3                      | 02                   | 15/30              | 23/45          | 38/75          |
|                                    | UP02NCBPH07                                                                                | Biochemistry (Practical)                                                      | Practical          | 1         | 3                      | 03                   | 10/20              | 15/30          | 25/50          |
|                                    | UP02NCBPH08                                                                                | Human Anatomy, Physiology and Pathophysiology II (Practical)                  | Practical          | 1         | 3                      | 03                   | 10/20              | 15/30          | 25/50          |
|                                    | UP02NCBPH09                                                                                | Pharmaceutical Organic Chemistry (Practical)                                  | Practical          | 1         | 3                      | 03                   | 10/20              | 15/30          | 25/50          |
|                                    | UP02NCBPH10                                                                                | Pharmacognosy and Phytochemistry (Practical)                                  | Practical          | 1         | 3                      | 03                   | 10/20              | 15/30          | 25/50          |
|                                    | UP02NCBPH11                                                                                | Physical Pharmaceutics (Practical)                                            | Practical          | 1         | 3                      | 03                   | 10/20              | 15/30          | 25/50          |
| Skill Enhancement Course (Any One) | UP02NSBPH01                                                                                | Communication Skills                                                          | Practical          | 1         | 2                      | 03                   | 10/20              | 15/30          | 25/50          |
|                                    | UP02NSBPH02                                                                                | Mental Well-Being, Stress & Conflict Management                               | Practical          |           |                        |                      |                    |                |                |
|                                    | UP02NSBPH03                                                                                | Fundamentals of Computer Operations                                           | Practical          |           |                        |                      |                    |                |                |
| <b>Total:</b>                      |                                                                                            |                                                                               |                    | <b>26</b> | <b>37</b>              | <b>-</b>             | <b>160/320</b>     | <b>240/480</b> | <b>400/800</b> |

