

**Swami Rama Himalayan University**  
**Himalayan Institute of Medical Sciences**  
**Teaching & Evaluation Scheme**  
**B.Sc. Medical Technology (Radiotherapy-BRT)**  
**Academic Year 2024-25**

| Semester - IV |             |                                                   |                 |                    |   |   |                     |              |                                      |         |   |   |              |       |                           |                   |     |     |       |       |                     |     |     |       |     | Course Attributes |                  |                   |                 |                              |             |                     | Sustainable Development Goals |                   |  |
|---------------|-------------|---------------------------------------------------|-----------------|--------------------|---|---|---------------------|--------------|--------------------------------------|---------|---|---|--------------|-------|---------------------------|-------------------|-----|-----|-------|-------|---------------------|-----|-----|-------|-----|-------------------|------------------|-------------------|-----------------|------------------------------|-------------|---------------------|-------------------------------|-------------------|--|
| S.No          | COURSE CODE | COURSE TITLE                                      | Course Category | Contact Hours/Week |   |   |                     |              |                                      | CREDITS |   |   |              |       |                           | EVALUATION SCHEME |     |     |       |       |                     |     |     |       |     |                   |                  |                   |                 |                              |             |                     |                               | GRAND TOTAL       |  |
|               |             |                                                   |                 | L                  | T | P | E<br>(CR/SPT/PT/TR) | R (RP/DS/TH) | Total Contact Hours/Week (L+T+P+E+R) | L       | T | P | CR/SPT/PT/TR | RP/DS | Total Credits (L+T+P+E+R) | THEORY            |     |     |       |       | PRACTICAL/PRACTICES |     |     |       |     |                   |                  |                   |                 |                              |             |                     |                               |                   |  |
|               |             |                                                   |                 |                    |   |   |                     |              |                                      |         |   |   |              |       | SE-1                      | SE-2              | DDA | ESE | TOTAL | PSE-1 | PSE-2               | DDA | ESE | TOTAL |     | Employability     | Entrepreneurship | Skill Development | Gender Equality | Environment & Sustainability | Human Value | Professional Ethics |                               |                   |  |
| 1             | BRT401      | Simulation and Mould Room Techniques-II           | CC              | 4                  | 0 | 2 | 3                   | 0            | 9                                    | 4       | 0 | 1 | 1            | 0     | 6                         | 50                | 50  | 100 | 100   | 300   | 50                  | 50  | 100 | 100   | 300 | 600               | √                |                   | √               | √                            |             | √                   | √                             | 3,5,9,8,12        |  |
| 2             | BRT402      | Principles of cancer Control and Oncology Care-II | CC              | 4                  | 0 | 2 | 3                   | 0            | 9                                    | 4       | 0 | 1 | 1            | 0     | 6                         | 50                | 50  | 100 | 100   | 300   | 50                  | 50  | 100 | 100   | 300 | 600               | √                |                   | √               | √                            | √           | √                   | √                             | 3,4,5,9,17        |  |
| 3             | BRT403      | Health Care and Radiotherapy Ethics-II            | CC              | 4                  | 0 | 2 | 3                   | 0            | 9                                    | 4       | 0 | 1 | 1            | 0     | 6                         | 50                | 50  | 100 | 100   | 300   | 50                  | 50  | 100 | 100   | 300 | 600               | √                |                   | √               | √                            | √           | √                   | √                             | 3,5,10,15         |  |
| 4             | BRT404      | External Beam Radiotherapy techniques-II          | CC              | 4                  | 0 | 2 | 3                   | 0            | 9                                    | 4       | 0 | 1 | 1            | 0     | 6                         | 50                | 50  | 100 | 100   | 300   | 50                  | 50  | 100 | 100   | 300 | 600               | √                | √                 | √               | √                            |             | √                   | √                             | 3,5,9,12,17       |  |
| 5             | EVS 301     | Environmental Science - II                        | AECC            | 2                  | 0 | 0 | 0                   | 0            | 2                                    | 0       | 0 | 0 | 0            | 0     | 0                         | 0                 | 0   | 0   | 100   | 100   | 0                   | 0   | 0   | 0     | 0   | 100               | √                |                   |                 |                              | √           | √                   | √                             | 3,6,7,11,12,13,15 |  |
| Grand Total   |             |                                                   |                 | 18                 | 0 | 8 | 12                  | 0            | 38                                   | 16      | 0 | 4 | 4            | 0     | 24                        |                   |     |     |       |       | 1300                |     |     |       |     |                   | 1200             | 2500              |                 |                              |             |                     |                               |                   |  |