



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**  
(Established by Govt. of A.P., ACT No.30 of 2008)  
**ANANTHAPURAMU – 515 002 (A.P) INDIA**

**M.PHARM. PHARMACEUTICAL ANALYSIS**

**COURSE STRUCTURE & SYLLABI**

**SEMESTER – I**

| S. No. | Course codes                        | Course Name  | Hours per week |   |    | Credits |
|--------|-------------------------------------|--|----------------|---|----|---------|
|        |                                     |  | L              | T | P  |         |
| 1.     | 21S01101                            | Modern Pharmaceutical Analytical Techniques  | 4              | - | -  | 4       |
| 2.     | 21S07101                            | Advanced Pharmaceutical Analysis   | 4              | - | -  | 4       |
| 3.     | 21S07102                            | Pharmaceutical and Food Analysis   | 4              | - | -  | 4       |
| 4.     | 21S07103                            | Quality Control And Quality Assurance  | 4              | - | -  | 4       |
| 5.     | 21S01105                            | Modern Pharmaceutical Analytical Techniques Lab  | -              | - | 6  | 3       |
| 6.     | 21S07104                            | Pharmaceutical and Food Analysis Lab   | -              | - | 6  | 3       |
| 7.     | 21DAC101a<br>21DAC101b<br>21DAC101c | <b>Audit Course – I</b><br>English for Research paper writing<br>Disaster Management<br>Sanskrit for Technical Knowledge | 2              | - | -  | 0       |
| 8.     |                                     | Seminar/Assignment   | -              | 1 | 6  | 4       |
|        |                                     | <b>Total</b>   | 18             | 1 | 18 | 26      |

**SEMESTER – II**

| S.No. | Course codes                        | Course Name   | Hours per week |   |    | Credits |
|-------|-------------------------------------|---|----------------|---|----|---------|
|       |                                     |   | L              | T | P  |         |
| 1.    | 21S07201                            | Advanced Instrumental Analysis  | 4              | - | -  | 4       |
| 2.    | 21S07202                            | Modern Bio-Analytical Techniques  | 4              | - | -  | 4       |
| 3.    | 21SOE301a                           | Pharmaceutical Validation   | 4              | - | -  | 4       |
| 4.    | 21S07203                            | Herbal and Cosmetic Analysis  | 4              | - | -  | 4       |
| 5.    | 21S07204                            | Advanced Instrumental Analysis Lab  | -              | - | 6  | 3       |
| 6.    | 21S07205                            | Modern Bio-Analytical Techniques Lab  | -              | - | 6  | 3       |
| 7.    | 21DAC201a<br>21DAC201b<br>21DAC201c | <b>Audit Course – II</b><br>Pedagogy Studies<br>Stress Management for Yoga<br>Personality Development through Life Enlightenment Skills | 2              | - | -  | 0       |
| 8.    | 21S07206                            | Seminar/Assignment  | -              | 1 | 6  | 4       |
|       |                                     | <b>Total</b>  | 18             | 1 | 18 | 26      |





















































































