

JNTUKKAKINADA

Rules &Syllabus for the Bachelor of Pharmacy (B. Pharm) Course as approved by

Pharmacy Council of India New Delhi

[FramedunderRegulation6,7&8 of the Bachelor of Pharmacy (B. Pharm) course regulations 2014]

## TABLE-I: COURSE OF STUDY FOR SEMESTER I

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP101T | Human Anatomy and Physiology I–Theory | 3 | 1 | 4 |
| BP102T | Pharmaceutical Analysis I–Theory | 3 | 1 | 4 |
| BP103T | PharmaceuticsI–Theory | 3 | 1 | 4 |
| BP104T | Pharmaceutical Inorganic Chemistry–Theory | 3 | 1 | 4 |
| BP105T | Communication skills–Theory\* | 2 | - | 2 |
| BP106RBTBP106RMT | Remedial Biology/Remedial Mathematics–Theory\* | 2 | - | 2 |
| BP107P | Human Anatomy and Physiology–Practical | 4 | - | 2 |
| BP108P | Pharmaceutical Analysis I–Practical | 4 | - | 2 |
| BP109P | Pharmaceutics I–Practical | 4 | - | 2 |
| BP110P | Pharmaceutical Inorganic Chemistry–Practical | 4 | - | 2 |
| BP111P | Communication skills–Practical\* | 2 | - | 1 |
| BP112RBP | Remedial Biology–Practical\* | 2 | - | 1 |
| **Total** | **32/34$/36#** | **4** | **27/29$/30#** |

 #Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and

 appearing for Remedial Biology (RB)course**.**

 $Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course**.**

 \* Non University Examination (NUE)

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## TABLE-II:COURSEOF STUDYFORSEMESTERII

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CourseCode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP201T | Human Anatomy and Physiology II–Theory | 3 | 1 | 4 |
| BP202T | Pharmaceutical Organic Chemistry I–Theory | 3 | 1 | 4 |
| BP203T | Biochemistry–Theory | 3 | 1 | 4 |
| BP204T | Pathophysiology–Theory | 3 | 1 | 4 |
| BP205T | ComputerApplicationsinPharmacy–Theory\* | 3 | - | 3 |
| BP206T | Environmentalsciences–Theory\* | 3 | - | 3 |
| BP207P | HumanAnatomyandPhysiologyII–Practical | 4 | - | 2 |
| BP208P | PharmaceuticalOrganicChemistryI–Practical | 4 | - | 2 |
| BP209P | Biochemistry–Practical | 4 | - | 2 |
| BP210P | ComputerApplicationsinPharmacy–Practical\* | 2 | - | 1 |
| **Total** | **32** | **4** | **29** |

**\***NonUniversityExamination(NUE)

## TABLE-III:COURSEOFSTUDYFORSEMESTERIII

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP301T | PharmaceuticalOrganicChemistryII–Theory | 3 | 1 | 4 |
| BP302T | PhysicalPharmaceuticsI–Theory | 3 | 1 | 4 |
| BP303T | PharmaceuticalMicrobiology–Theory | 3 | 1 | 4 |
| BP304T | PharmaceuticalEngineering–Theory | 3 | 1 | 4 |
| BP305P | PharmaceuticalOrganicChemistryII–Practical | 4 | - | 2 |
| BP306P | PhysicalPharmaceuticsI–Practical | 4 | - | 2 |
| BP307P | PharmaceuticalMicrobiology–Practical | 4 | - | 2 |
| BP 308P | PharmaceuticalEngineering–Practical | 4 | - | 2 |
| **Total** | **28** | **4** | **24** |

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## TABLE-IV:COURSEOFSTUDYFORSEMESTERIV

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP401T | PharmaceuticalOrganicChemistryIII–Theory | 3 | 1 | 4 |
| BP402T | MedicinalChemistryI–Theory | 3 | 1 | 4 |
| BP403T | PhysicalPharmaceuticsII–Theory | 3 | 1 | 4 |
| BP404T | PharmacologyI–Theory | 3 | 1 | 4 |
| BP405T | PharmacognosyandPhytochemistryI–Theory | 3 | 1 | 4 |
| BP406P | MedicinalChemistryI–Practical | 4 | - | 2 |
| BP407P | PhysicalPharmaceuticsII–Practical | 4 |  | 2 |
| BP408P | PharmacologyI–Practical | 4 | - | 2 |
| BP409P | PharmacognosyandPhytochemistryI–Practical | 4 | - | 2 |
| **Total** | **31** | **5** | **28** |

**TABLE-V:COURSEOFSTUDYFORSEMESTERV**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP501T | MedicinalChemistryII–Theory | 3 | 1 | 4 |
| BP502T | IndustrialPharmacyI–Theory | 3 | 1 | 4 |
| BP503T | PharmacologyII–Theory | 3 | 1 | 4 |
| BP504T | PharmacognosyandPhytochemistryII–Theory | 3 | 1 | 4 |
| BP505T | PharmaceuticalJurisprudence–Theory | 3 | 1 | 4 |
| BP506P | IndustrialPharmacyI–Practical | 4 | - | 2 |
| BP507P | PharmacologyII–Practical | 4 | - | 2 |
| BP508P | PharmacognosyandPhytochemistryII–Practical | 4 | - | 2 |
| **Total** | **27** | **5** | **26** |

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## TABLE-VI:COURSEOF STUDYFORSEMESTERVI

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP601T | MedicinalChemistryIII–Theory | 3 | 1 | 4 |
| BP602T | PharmacologyIII–Theory | 3 | 1 | 4 |
| BP603T | HerbalDrugTechnology–Theory | 3 | 1 | 4 |
| BP604T | BiopharmaceuticsandPharmacokinetics–Theory | 3 | 1 | 4 |
| BP605T | PharmaceuticalBiotechnology–Theory | 3 | 1 | 4 |
| BP606T | QualityAssurance–Theory | 3 | 1 | 4 |
| BP607P | MedicinalchemistryIII–Practical | 4 | - | 2 |
| BP608P | PharmacologyIII–Practical | 4 | - | 2 |
| BP609P | HerbalDrugTechnology–Practical | 4 | - | 2 |
| **Total** | **30** | **6** | **30** |

**TABLE-VII:COURSEOFSTUDYFORSEMESTERVII**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP701T | InstrumentalMethodsofAnalysis–Theory | 3 | 1 | 4 |
| BP702T | IndustrialPharmacyII–Theory | 3 | 1 | 4 |
| BP703T | PharmacyPractice–Theory | 3 | 1 | 4 |
| BP704T | NovelDrugDeliverySystem–Theory | 3 | 1 | 4 |
| BP705P | InstrumentalMethodsofAnalysis–Practical | 4 | - | 2 |
| BP706PS | PracticeSchool\* | 12 | - | 6 |
| **Total** | **28** | **5** | **24** |

**\***NonUniversityExamination(NUE)

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## TABLE-VIII:COURSE OF STUDY FOR SEMESTER VIII

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coursecode** | **Nameofthecourse** | **No.ofhours** | **Tutorial** | **Creditpoints** |
| BP801T | BiostatisticsandResearchMethodology | 3 | 1 | 4 |
| BP802T | SocialandPreventivePharmacy | 3 | 1 | 4 |
| BP803ET | PharmaMarketingManagement | 3+3=6 | 1+1=2 | 4+4=8 |
| BP804ET | PharmaceuticalRegulatoryScience |
| BP805ET | Pharmacovigilance |
| BP806ET | QualityControlandStandardizationofHerbals |
| BP807ET | ComputerAidedDrugDesign |
| BP808ET | CellandMolecularBiology |
| BP809ET | CosmeticScience |
| BP810ET | ExperimentalPharmacology |
| BP811ET | AdvancedInstrumentationTechniques |
| BP812ET | DietarySupplementsandNutraceuticals |  |  |  |
| BP813PW | ProjectWork | 12 | - | 6 |
| **Total** | **24** | **4** | **22** |