# AKAL UNIVERSITY

**TALWANDI SABO**

(Estb. under Punjab State Act No. 25 of 2015)

## FACULTY OF PARA-MEDICAL SCIENCES

## DEPARTMENT OF PHYSIOTHERAPY

**Syllabi Scheme**

**For**

## BACHELOR OF PHYSIOTHERAPY (BPT)

**For the students admitted from 2024-2028**

# SEMESTER-I
# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability EnhancementCourse (AECC)** | **Discipline-Specific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT101C | Human Anatomy – I | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT102C | Human Physiology – I | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT103C | Clinical Biochemistry | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT104C | Sociology | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT105A | - | English & Communication Skills | - | - | 30 | 2 | -- | -- | 2 |
| BPT106P | Human Anatomy Practical –I | - | - | - | 60 | -- | -- | 4 | 2 |
| BPT107P | Human Physiology Practical-I | - | - | - | 30 | -- | -- | 2 | 1 |
| BPT108A | - | Basic Computer Applications | - | - | 30 | 2 | -- | -- | 2 |
| BPT109A | - | | - | Disaster Management | 30 | 2 | - | - | 2 |
| BPT110T | Clinical Training -I | - | - | - | 90 | -- | -- | 6 | 2 |
| | Library | - | - | - | 45 | 3 | | | |
| | **Total** | | | | | **35** | | | **25** |

# SEMESTER: II
# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **Discipline Specific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | Total hours | **L** | **T** | **P** | **C** |
| BPT201C | Human Anatomy – II | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT202C | Human Physiology –II | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT203C | Biomechanics I | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT204C | Psychology | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT205P | Human Anatomy Practical – II | - | - | - | 60 | -- | | 4 | 2 |
| BPT206P | Human Physiology Practical –II | - | - | - | 60 | -- | | 4 | 2 |
| BPT207A | - | - | - | First Aid & BLS | 45 | 1 | | **2** | 2 |
| BPT208A | - | EnvironmentalScience | - | - | 15 | 1 | -- | -- | 1 |
| BPT209A | | Introduction To Healthcare delivery System In India | - | | 15 | 1 | -- | -- | 1 |
| BPT210T | Clinical Training - II | - | - | - | 90 | -- | -- | 6 | 2 |
| | Library | - | - | - | 15 | 1 | | | |
| | **Total** | | | | | **35** | | | **25** |

# SEMESTER: III

# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **DisciplineSpecific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT301C | Biomechanics – II | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT302C | Exercise therapy -I | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT303C | Pathology | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT304C | Microbiology | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT305C | Pharmacology | - | - | - | 30 | 1 | 1 | -- | 2 |
| BPT306P | Biomechanics -II Practical | - | - | - | 60 | -- | -- | 4 | 2 |
| BPT307P | Exercise therapy -I Practical | - | - | - | 120 | -- | -- | 8 | 4 |
| BPT308T | Clinical Training -III | | - | - | 90 | -- | -- | 6 | 2 |
| - | Library | | - | | 15 | 1 | | | |
| | **Total** | | | | | **35** | | | **24** |

# SEMESTER: IV

# SCHEME OF TEACHING AND EXAMINATION

| COURSECODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **Discipline Specific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT401C | Exercise therapy - II | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT402C | Electrotherapy (LMHF) | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT403C | Bio Physics | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT404C | Ethics and Management in Physiotherapy | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT405P | Exercise therapy Practical II | - | - | - | 120 | -- | -- | 8 | 4 |
| BPT406P | Electrotherapy LMHF Practical | - | - | - | 120 | -- | -- | 8 | 4 |
| BPT407T | Clinical Training - IV | - | - | - | 45 | -- | -- | 3 | 1 |
| - | Library | | - | - | 30 | 2 | | | |
| | **Total** | | | | | **35** | | | **23** |

# SEMESTER: V

# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **DisciplineSpecific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT501C | Evaluation Measurements and Outcomemeasures | | | | 45 | 2 | 1 | -- | 3 |
| BPT502C | Orthopedic conditions for Physiotherapist | | | | 60 | 3 | 1 | - | 4 |
| BPT503C | General Surgery, Plastic Surgery& OBG | | | | 60 | 3 | 1 | - | 4 |
| BPT504C | General Medicine, Pediatrics & Psychiatry | | | | 60 | 3 | 1 | - | 4 |
| BPT505C | CommunityMedicine | | | | 45 | 2 | 1 | - | 3 |
| BPT506A | - | | | Diagnostic Imaging for Physiotherapist | 30 | 2 | -- | -- | 2 |
| BPT507A | - | Human science for yoga practice | | | 60 | 2 | -- | 2 | 3 |
| BPT508T | Clinical Training-V | | | | 90 | - | - | 6 | 2 |
| | Library | | | | 75 | 5 | | | |
| | **Total** | | | | | **35** | | | **25** |

# SEMESTER: VI

# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **DisciplineSpecific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT601C | PT in Orthopedic Conditions | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT602C | PT in General Medicine & General Surgery | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT603C | Neurological Conditions for Physiotherapist | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT604C | Research Methodology & Biostatistics | - | - | - | 30 | 1 | 1 | -- | 2 |
| BPT605C | Pain mechanisms and Management ofPain for Physiotherapists | - | - | - | 30 | 1 | 1 | -- | 2 |
| BPT606P | PT in Orthopedic conditions –Practical | - | - | - | 60 | -- | -- | 4 | 2 |
| BPT607C | Work Physiology | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT608A | - | Medical Terminology and Record Keeping | - | - | 15 | 1 | -- | -- | 1 |
| BPT609T | Clinical TrainingVI | - | - | | 90 | -- | -- | 6 | 2 |
| | Library | - | - | - | 75 | 5 | | | |
| | **Total** | | | | | **35** | | | **24** |

# SEMESTER: VII

# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancement Course (AECC)** | **DisciplineSpecific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT701C | PT in Neurologicaldisorders | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT702C | Community Based Physiotherapy–I | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT703C | Health Promotion andFitness | - | - | - | 30 | 1 | 1 | -- | 2 |
| BPT704C | Cardiovascular& Pulmonary Conditions for Physiotherapist | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT705T | PT in Neurological DisordersPractical | - | - | - | 60 | -- | -- | 4 | 2 |
| BPT706P | ResearchProject I | - | - | - | 90 | -- | -- | 6 | 2 |
| BPT7E1C | Tele Rehabilitation | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT7E2C | Hospital andHealthcare Services Marketing | - | - | - | 45 | 2 | 1 | -- | 3 |
| BPT707T | Clinical Training-VII | - | - | | 90 | -- | -- | 6 | 2 |
| | Library | - | - | - | 30 | 2 | | | |
| | **Total** | | | | | **35** | | | **23** |

# SEMESTER: VIII

# SCHEME OF TEACHING AND EXAMINATION

| COURSE CODE | COURSE TITLE | | | | HOURS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Core Course** | **Ability Enhancementt Course (AECC)** | **DisciplineSpecific Elective Course (DSE)** | **Skill Enhancement Course (SEC)** | **Total hours** | **L** | **T** | **P** | **C** |
| BPT801C | PT in Cardio Pulmonary Diseases | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT802C | Community Based Physiotherapy -II | - | - | - | 60 | 3 | 1 | -- | 4 |
| BPT803C | PT in Cardio Pulmonary Diseases& ICUPractical | - | - | - | 60 | -- | | 4 | 2 |
| BPT804C | Community Based Physiotherapy -II Practical | - | - | - | 60 | -- | -- | 4 | 2 |
| BPT8E1E | - | - | PediatricPhysio-therapy | - | 45 | 2 | 1 | | 3 |
| BPT8E2E | - | - | PT in Hand Condition | - | 45 | 2 | 1 | | 3 |
| BPT805C | Evidence BasedPractice | - | - | - | 45 | 2 | 1 | | 3 |
| BPT806P | Research Project - II | - | - | - | 90 | -- | -- | 6 | 2 |
| BPT807T | Clinical Training - VIII | - | - | | 90 | -- | -- | 6 | 2 |
| | Library | - | - | - | 15 | 1 | | | |
| | **Total** | | | | | **35** | | | **22** |

# 6-MONTH COMPULSORY ROTATORY INTERNSHIP

| COURSE TITLE: INTERNSHIP - I<br>COURSE CODE: BPT901 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **COURSE CREDIT** | | | | | | | | | | |
| **HOURS / WEEK** | | | **TOTAL HOURS PER SEMESTER** | | | | **CREDITS** | | | |
| **L** | **T** | **P** | **L** | **T** | **P** | **TOT** | **L** | **T** | **P** | **TOT** |
| **-** | **-** | **45** | **-** | **-** | **45** | **540** | **-** | **-** | **12** | **12** |

| COURSE TITLE: INTERNSHIP - II<br>COURSE CODE: BPT902 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **COURSE CREDIT** | | | | | | | | | | |
| **HOURS / WEEK** | | | **TOTAL HOURS PER SEMESTER** | | | | **CREDITS** | | | |
| **L** | **T** | **P** | **L** | **T** | **P** | **TOT** | **L** | **T** | **P** | **TOT** |
| **-** | **-** | **45** | **-** | **-** | **45** | **540** | **-** | **-** | **12** | **12** |

**Evaluation of internees and award of credits:** All internees will be assessed based on their satisfactory attendance, performance in the postings/ research labs and the presentation of the logbook. The mode of assessments and frequency will be prescribed in the respective programs. The candidates will earn the prescribed creditsas stated in their regulations.

A total of 24 credit points should be obtained at the end of this internship