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Syllabi of Bachelor of Physiotherapy and Occupational Therapy (Revised)

First Through Fourth Year and Internship of Six Months

Bachelor of Physiotherapy (BPT)

First Year

| Course code | Course name | L | T/P | Yearly credits* |
|-------------------|---------------------------------------------------|-----------|-----------|-----------------|
| BPT-101 | Anatomy | 4 | - | 8 |
| BPT-102 | Physiology | 4 | - | 8 |
| BPT-103 | Psychology and Sociology | 4 | - | 8 |
| BPT-104 | Fundamentals of Biomechanics and Exercise Therapy | 3 | - | 6 |
| BPT-105 | Principles of Bioelectrical Modalities | 3 | - | 6 |
| BPT-106 | Biochemistry | 1 | - | 2 |
| Practicals | | | | |
| BPT-151 | Anatomy | - | 4 | 4 |
| BPT-152 | Physiology | - | 4 | 4 |
| BPT-153 | Fundamentals of Biomechanics and Exercise Therapy | - | 2 | 2 |
| BPT-154 | Principles of Bioelectrical Modalities | - | 2 | 2 |
| Total | | 19 | 12 | 50 |

*Yearly Credits have been calculated by multiplying the semester-wise credits by two.

Second Year

| Course code | Course name | L | T/P | Yearly credits* |
|-------------------|----------------------------|-----------|-----------|-----------------|
| BPT-201 | Pathology and Microbiology | 2 | - | 4 |
| BPT-202 | Pharmacology | 2 | - | 4 |
| BPT-203 | Medicine and Paediatrics | 2 | - | 4 |
| BPT-204 | General Surgery | 2 | - | 4 |
| BPT-205 | Exercise Therapy | 4 | - | 8 |
| BPT-206 | Electrotherapy | 4 | - | 8 |
| Practicals | | | | |
| BPT-251 | PT-Clinicals** | - | 4 | 4 |
| BPT-252 | Exercise Therapy | - | 7 | 7 |
| BPT-253 | Electrotherapy | - | 7 | 7 |
| Total | | 16 | 18 | 50 |

*Yearly Credits have been calculated by multiplying the semester-wise credits by two.

**NUES stands for Non University Examination Subject.

Psychiatry for Physiotherapy and Occupational Therapy

Third Year

| <i>Course code</i> | <i>Course name</i> | <i>L</i> | <i>T/P</i> | <i>Yearly credits*</i> |
|--------------------|---------------------------------------|-----------|------------|------------------------|
| BPT-301 | Neurology including Psychiatry | 2 | - | 4 |
| BPT-302 | Orthopaedics | 2 | - | 4 |
| BPT-303 | Obstetrics and Gynaecology | 1 | - | 2 |
| BPT-304 | Applied Biomechanics and Kinaesiology | 3 | - | 6 |
| BPT-305 | Physiotherapeutic in Neurology | 4 | - | 8 |
| BPT-306 | Physiotherapeutic in Orthopaedic | 4 | - | 8 |
| Practicals | | | | |
| BPT-351 | PT-Clinicals** | - | 4 | 4 |
| BPT-352 | Physiotherapeutic in Neurology | - | 7 | 7 |
| BPT-353 | Physiotherapeutic in Orthopaedic | - | 7 | 7 |
| Total | | 16 | 18 | 50 |

*Yearly Credits have been calculated by multiplying the semester-wise credits by two.

**NUES stands for Non University Examination Subject.

Fourth Year

| <i>Course code</i> | <i>Course name</i> | <i>L</i> | <i>T/P</i> | <i>Yearly credits*</i> |
|--------------------|----------------------------------------------------|-----------|------------|------------------------|
| BPT-401 | Community Rehabilitation and Disability Prevention | 2 | - | 4 |
| BPT-402 | Research Methodology and Biostatistics | 2 | - | 4 |
| BPT-403 | Physiotherapeutic in General and Cardiothoracic | 4 | - | 8 |
| BPT-404 | Physiotherapeutic in Sports | 4 | - | 8 |
| Practicals | | | | |
| BPT-451 | PT-Clinicals** | - | 8 | 8 |
| BPT-452 | Physiotherapeutic in General and Cardiothoracic | - | 6 | 6 |
| BPT-453 | Physiotherapeutic in Sports | - | 6 | 6 |
| BPT-454 | Project Work | - | 6 | 6 |
| Total | | 12 | 26 | 50 |

*Yearly Credits have been calculated by multiplying the semester-wise credits by two.

**NUES stands for Non University Examination Subject.

CURRICULUM HOURS

First Year

| <i>Theory courses</i> | | <i>Practical courses</i> | |
|--------------------------|--------------|---------------------------------------------------|--------------|
| <i>Subject</i> | <i>Hours</i> | <i>Subject</i> | <i>Hours</i> |
| Anatomy | 160 | Anatomy | 160 |
| Physiology | 160 | Physiology | 160 |
| Psychology and Sociology | 160 | Fundamentals of Biomechanics and Exercise Therapy | 80 |

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| | | | |
|---------------------------------------------------|-----|----------------------------------------|----|
| Fundamentals of Biomechanics and Exercise Therapy | 120 | Principles of Bioelectrical Modalities | 80 |
| Principles of Bioelectrical Modalities | 120 | | |
| Biochemistry | 40 | | |

Second Year

| <i>Theory courses</i> | | <i>Practical courses</i> | |
|----------------------------|--------------|--------------------------|--------------|
| <i>Subject</i> | <i>Hours</i> | <i>Subject</i> | <i>Hours</i> |
| Pathology and Microbiology | 80 | PT-Clinicals | 160 |
| Pharmacology | 80 | Exercise Therapy | 280 |
| Medicine and Paediatrics | 80 | Electrotherapy | 280 |
| General Surgery | 80 | | |
| Exercise Therapy | 160 | | |
| Electrotherapy | 160 | | |

Third Year

| <i>Theory courses</i> | | <i>Practical courses</i> | |
|---------------------------------------|--------------|-----------------------------------|--------------|
| <i>Subject</i> | <i>Hours</i> | <i>Subject</i> | <i>Hours</i> |
| Neurology including Psychiatry | 80 | PT-Clinicals | 160 |
| Orthopaedics | 80 | Physiotherapeutic in Neurology | 280 |
| Obstetrics and Gynaecology | 40 | Physiotherapeutic in Orthopaedics | 280 |
| Applied Biomechanics and Kinaesiology | 120 | | |
| Physiotherapeutic in Neurology | 160 | | |
| Physiotherapeutic in Orthopaedics | 160 | | |

Fourth Year

| <i>Theory courses</i> | | <i>Practical courses</i> | |
|----------------------------------------------------|--------------|--------------------------------------------------|-------------------|
| <i>Subject</i> | <i>Hours</i> | <i>Subject</i> | <i>Hours</i> |
| Community Rehabilitation and Disability Prevention | 80 | PT-Clinicals | 320 |
| Research Methodology and Biostatistics | 80 | Physiotherapeutic in General and Cardio thoracic | 240 |
| Physiotherapeutic in General and Cardio thoracic | 160 | Physiotherapeutic in Sports | 240 |
| Physiotherapeutic in Sports | 160 | Project Work | 240 |
| <i>Theory hours</i> | | <i>Practical hours</i> | <i>Internship</i> |
| Total | 2520 | 2960 | 1260 |
| Total Curricular Hours | 6740 | | |

Fourth Year

Psychology and Sociology

Course Code: BPT-103 L-4 T/P-0 CREDITS-8