


CHOICE BASED CREDIT SYSTEM (CBCS)

(With effect from 2017-2018 batches)

Curriculum for Bachelor of Physiotherapy (BPT)


Dean
Faculty of Allied Health Sciences
Sri Devaraj Urs Academy of
Higher Education & Research
Tamaka, Kolar-563 101

Approved as per BOM-41-2016,(Resolution No-XLI-05(3)/16) Dated-19/10/2016



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A Deemed to be University declared under Section 3 of UGC Act 1956)

Comprising Sri Devaraj Urs Medical College

[Constituent unit of Sri Devaraj Urs Educational Trust for Backward Classes (Regd.)]

TAMAKA, KOLAR-563 103, KARNATAKA, INDIA

Ph: 918152-243003, +91 9448395232, Fax : +918152 - 243008 E-mail – registrar@sduu.ac.in / office@sduu.ac.in. Website: www.sduu.ac.in

BACHELOR OF PHYSIOTHERAPY

LIST OF CORE COURSES

12.1. LIST OF CORE COURSES OFFERED BY SDUAHER FOR BPT PROGRAM			
Sl no	Program Year	Odd Semester	Even Semester
1.	First year	1st semester – core subjects	2nd semester – core subjects
		1. Anatomy 2. Physiology	1. Biomechanics 2. Biochemistry 3. Psychology & sociology
2.	Second year	3rd semester – core subjects	4th semester – core subjects
		1. Exercise therapy 2. Microbiology and pathology 3. Research methodology and Bio-statistics	1. Electrotherapy 2. Pharmacology 3. General medicine & cardio-respiratory conditions 4. General surgery & cardio thoracic conditions
3.	Third year	5th semester – core subjects	6th semester – core subjects
		1. Physiotherapy in cardio respiratory conditions & general conditions 2. Clinical orthopaedics, traumatology & Rheumatology 3. Exercise physiology, health & fitness	1. Physiotherapy in musculo-skeletal conditions and rheumatology 2. Physiotherapy in sports and advanced mobilizations 3. Women’s health and pediatrics 4. Medical law, ethics and administration
4.	Fourth year	7th semester – core subjects	8th semester – core subjects
		1. Physiotherapy in neurological conditions 2. Clinical neurology & Neuro surgery 3. Physiotherapy in Women’s health & Pediatrics	1. Community & Geriatric Physiotherapy 2. Community Medicine 3. Prosthetics & Orthotics
5.	5 th year	6 month compulsory Rotatory Internship	



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ABILITY ENHANCEMENT COURSES

12.2. LIST OF ABILITY ENHANCEMENT COURSE OFFERED BY SDUAHER FOR BPT PROGRAM (compulsory)			
Semester	Course code	Title	Credits max
1st Semester	BPT 113	English Basics	2
2nd Semester	BPT 124	English and Communication Skills	2
3rd Semester	BPT 214	Environmental Studies	2

SKILL ENHANCEMENT COURSES

12.3. LIST OF SKILL ENHANCEMENT COURSE OFFERED BY SDUAHER FOR BPT PROGRAM			
Semester	Course code	Title	Credits max
4th Semester	BPT 225	Basics in Computer applications	2
5th Semester	BPT 314	Diagnostic imaging for physiotherapist	2
6th Semester	BPT 325	Ergonomics	2
7th Semester	BPT 414	Swallowing therapy	2
8th Semester	BPT 424	Electro physiology and Diagnosis	2



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DISCIPLINE SPECIFIC ELECTIVE COURSES AND GENERIC ELECTIVE COURSES

12.4. LIST OF DISCIPLINE SPECIFIC ELECTIVE (DSE) AND GENERIC ELECTIVE (GE) COURSE OFFERED FOR BPT PROGRAM			
Semester	Course code	Title	Credits Min – max
1st Semester	BPT 114	Introduction to Physiotherapy and rehabilitation	2 – 3
	BPT 115	Introduction to health care system	
	BPT 116	Kannada	
2nd Semester	BPT 125	First aid, CPR and BLS	2 – 3
	BPT 126	Counselling and guidance	
	BPT 127	Fundamentals of occupational health	
3rd Semester	BPT 215	Yoga and its therapeutic applications	2 - 3
	BPT 216	Personality development and stress management	
	BPT 217	Team building and leadership	
4th Semester	BPT 226	Medical physics and electronics	2 - 3
	BPT 227	Public health and hygiene	
	BPT 228	Infection prevention and control.	
5th Semester	BPT 315	Life style disorders	2 - 3
	BPT 316	Hospital management	
	BPT317	NGO management	
6th Semester	BPT 326	Acupuncture and dry needling	2 - 3
	BPT 327	Malnutrition and public health	
	BPT 328	Health psychology	
7th Semester	BPT 415	Evidence based practice and clinical reasoning	2 - 3
	BPT 416	Occupational Nutrition	
	BPT 417	Health Behaviour	
8th Semester	BPT 425	Occupational therapy and speech therapy	2 - 3
	BPT 426	Hospital Operations Management	
	BPT 427	Interpersonal Skills	



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Distribution of credits and course hours

1st year – 1st semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
BPT 111	ANATOMY	240	120	120	8	8	8	4	12
BPT 112	PHYSIOLOGY	210	150	60	10	4	10	2	12

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 113	English basics	30	30	0	2	0	2	0	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 114	Introduction to Physiotherapy and rehabilitation	30	30	0	2	0	2	0	2
BPT 115	Introduction to health care system	30	30	0	2	0	2	0	
BPT 116	Kannada	30	30	0	2	0	2	0	
Total hours / credit		570							30

1st year – 2nd semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
BPT 121	Biomechanics	240	150	90	10	6	10	3	13
BPT 122	Biochemistry	75	60	15	4	1	4	0.5	4.5



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BPT 123	Psychology & sociology	A	45	45	0	3	0	3	0	6 (3+3)
		B	45	45	0	3	0	3	0	

(Ability Enhancement/ Skill Enhancement – Compulsory)										
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)	
		Total	L	P	L	P	L	P		
BPT 124	English and communication skills	30	30	0	2	0	2	0	2	

Discipline Based Elective Subject (Minimum one)										
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)	
		Total	L	P	L	P	L	P		
BPT 125	First aid, BLS and CPR	45	30	15	2	1	2	0.5	2.5/ 2	
BPT 126	Counselling and guidance	30	30	0	2	0	2	0		
BPT 127	Fundamentals of occupational health	30	30	0	2	0	2	0		
Clinical / Others										
	Clinical posting / Training / community visit/ field work	60	0	60	0	4	0	2	2	
	Integrated seminar / Assignment	30	30	0	2	0	0	0	0	
	Total hours / credit	570							30	

2nd Year - 3rd Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits	
		Total	L	P	L	P	L	P		
BPT 211	Exercise therapy	240	105	135	7	9	7	4.5	11.5	
BPT 212	Pathology & Microbiology	A	60	60	0	4	0	4	0	8 (4+4)
		B	60	60	0	4	0	4	0	
BPT 213	Research methodology and Biostatistics	A	23	23	0	1.5	0	1.5	0	3
		B	22	23	0	1.5	0	1.5	0	



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(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 214	Environmental studies	30	30	0	2	0	2	0	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 215	Yoga and its therapeutic applications	45	15	30	1	2	1	1	2
BPT 216	Personality development and stress management	30	30	0	30	0	2	0	
BPT 217	Team building and leadership	30	30	0	30	0	2	0	
Clinical / Others									
	Clinical Education/ training / field work	135	0	135	0	9	0	4.5	4.5
	Integrated seminar / assignment	15	15	0	1	0	0	0	0
	Total hours / credit	630			31

2nd year - 4th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
BPT 221	Electro therapy	240	90	150	6	10	6	5	9
BPT 222	Pharmacology	45	45	0	3	0	3	0	3
BPT 223	General medicine and cardio respiratory conditions	60	60	0	4	0	4	0	4
BPT 224	General surgery and cardio thoracic conditions	75	75	0	5	0	5	0	5

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	



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BPT 225	Basics in computer applications	45	30	15	2	1	2	0.5	2
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Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 226	Medical physics and electronics	30	15	15	1	1	1	0.5	2
BPT 227	Public health and hygiene	30	30	0	2	0	2	0	
BPT 228	Infection prevention and control	45	30	15	2	1	2	0.5	
Clinical / Others									
	Clinical Education / Training	135	0	135	0	9	0	4.5	4.5
	Total hours / credit	630							29.5

3rd year - 5th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
BPT 311	Physiotherapy in cardio respiratory and general conditions	150	90	60	6	4	6	2	8
BPT 312	Clinical orthopaedics, traumatology & Rheumatology	60	60	0	4	0	4	0	4
BPT 313	Exercise physiology, health & fitness	45	30	15	2	1	2	0.5	2.5

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 314	Diagnostic imaging for Physiotherapist	30	25	5	1.5	1	1.5	0.5	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	



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BPT 315	Life style disorders	30	30	0	2	0	2	0	2
BPT 316	Hospital management	30	30	0	2	0	2	0	
BPT 317	NGO management	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical Education / Training	270	0	270	0	18	0	9	9
	Project	30	30	0	2	0	2	0	1
	Total hours / credit	615							28.5

3rd year - 6th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits	
		Total	L	P	L	P	L	P		
Core subjects										
BPT 321	Physiotherapy in musculo-skeletal conditions and rheumatology	150	75	75	5	5	5	2.5	7.5	
BPT 322	Physiotherapy in sports and advanced mobilizations	60	30	30	2	2	2	1	3	
BPT 323	Women's health and pediatrics	A	30	30	0	2	0	2	0	4
		B	30	30	0	2	0	2	0	
BPT 324	Medical law, ethics and administration	30	30	0	2	0	2	0	2	

(Ability Enhancement/ Skill Enhancement – Compulsory)

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 325	Ergonomics	30	25	5	1.5	1	1.5	0.5	2

Discipline Based Elective Subject (Minimum one)

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	



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BPT 326	Acupuncture and dry needling	45	20	25	1.5	1.5	1.5	1	2 / 2.5
BPT 327	Malnutrition and public health	30	30	0	2	0	2	0	
BPT 328	Health psychology	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical Education / Training	270	0	270	0	18	0	9	9
	Project	30	30	0	2	0	2	0	1
	Total hours / credit	675							31

4th year - 7th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits	
		Total	L	P	L	P	L	P		
Core subjects										
BPT 411	Clinical neurology & Neuro surgery	60	60	0	4	0	4	0	4	
BPT 412	Physiotherapy in neurological conditions	150	75	75	5	5	5	2.5	7.5	
BPT 413	Physiotherapy in Women's health & Pediatrics	A	30	15	15	1	1	1	0.5	3
		B	30	15	15	1	1	1	0.5	

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 414	Swallowing therapy	30	15	15	1	1	1	0.5	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
BPT 415	Evidence based practice and clinical reasoning	30	30	0	2	0	2	0	2
BPT 416	Occupational Nutrition	30	30	0	2	0	2	0	
BPT 417	Health Behaviour	30	30	0	2	0	2	0	



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Supervised Compulsory Rotatory Internship (6 month/180 days)

Details of clinical department training during internship

Sl. No	Department	No of days	Credits
1.	Orthopaedic Physiotherapy	30 Days	Total credit for internship = 42 *
2.	Sports Physiotherapy	15 days	
3.	Neurological Physiotherapy	30 days	
4.	Paediatric Physiotherapy	15 days	
5.	Cardio Respiratory & ICU Physiotherapy	30 days	
6.	Community PT & Geriatric Care	15 days	
7.	Women's Health Physiotherapy	15 days	
8.	Oncology Physiotherapy	15 days	
9.	Physiotherapy - OPD	15 days	
	Total	180 days	
	* Maximum credit for internship is not exceeding 42*		