

Faculty of Physiotherapy

SGT University

Status of Faculty

- ▶ **Faculty members-**

Total -13

Professor-1

Associate Professor-1

Assistant Professor-11

- ▶ **Non-Teaching staff**

Total -3

Clerk- 1

Attendent-2(One for OPD and ONE for Academics)

- ▶ **Strength of Students- 290**

- ▶ **No. of courses offered- 3 (BPT, MPT, Ph. D)**

Teaching activities

- ▶ **No. of classes-** 35 classes per batch per week
- ▶ **Course completion status-** More than 90% course completed
- ▶ **Problems encountered-**
 - Infrastructure- less space available for Labs.
 - Instruments- lack of sophisticated instruments
 - IPD patients- less number of patient in IPD

Teaching Methodologies

- ▶ **Student Interactive sessions**
 - ▶ **Blending sessions**
 - ▶ **Group Discussions**
 - ▶ **Spot Discussion**
 - ▶ **Problem Solving on Clinical Situations**
 - ▶ **Fish bowl technique**
 - ▶ **Students Seminars**
 - ▶ **UNCLE**
 - ▶ **Hands on Learning Exercises**
 - ▶ **Integrated Teaching**
- 

MPT–

CASE PRESENTATION

JOURNAL PRESENTATION

SEMINAR

MICRO TEACHING

PARTICIPATION IN CONFERENCES

RESEARCH WORK

Details of Choice based credit system

- ▶ The overall weight age of the BPT Program is - **232 credits**

BACHELOR OF PHYSIOTHERAPY								
Paper Code	Nomenclature	Theory		Practical		Total	Credits	
		Internal	External	Internal	External			
FIRST SEMESTER								
03060101	Anatomy-I	40	60	--	--	100	4	
03060101	Anatomy - Practical-I	--	--	20	30	50	2	Practical
03060102	Physiology-I	40	60	--	--	100	4	
03060102	Physiology - Practical-I	--	--	20	30	50	2	Practical
03060103	Biochemistry-I	40	60	--	--	100	4	
03060104	Electro Therapy-I	40	60	--	--	100	4	
03060104	Electro Therapy - Practical-I	--	--	20	30	50	2	Practical
03060105	Sociology	20	30	--	--	50	2	
03060106	Basic Computers	--	--	20	30	50	2	Practical
03060107	English	--	--	20	30	50	2	
03060108	Exercise Physiology	40	60	--	--	100	4	Elective
SECOND SEMESTER								
03060201	Anatomy-II	40	60	--	--	100	4	
03060201	Anatomy - Practical-II	--	--	20	30	50	2	Practical
03060202	Physiology-II	40	60	--	--	100	4	
03060202	Physiology - Practical-II	--	--	20	30	50	2	Practical
03060203	Biochemistry-II	40	60	--	--	100	4	
03060204	Electro Therapy-II	40	60	--	--	100	4	Practical
03060204	Electro Therapy - Practical-II	--	--	20	30	50	2	
03060205	Psychology	20	30	--	--	50	2	Practical
03060206	Applied Computers	--	--	20	30	50	2	
03060207	English	--	--	20	30	50	2	
03060208	Physical Fitness	10	40	--	--	50	2	Elective
	Basics of Yoga Therapy	10	40			50	2	Elective

THIRD SEMESTER								
03060301	Pathology	40	60	--	--	100	4	Sub Part
03060301	Microbiology	--	--	--	--	--	--	Sub Part
03060302	Biomechanics-I	40	60	--	--	100	4	
03060302	Biomechanics - Practical-I	--	--	20	30	50	2	Practical
03060303	Exercise Therapy-I	40	60	--	--	100	4	
03060303	Exercise Therapy - Practical-I	--	--	20	30	50	2	Practical
03060304	Physical Assessment	40	60	--	--	100	4	
03060304	Physical Assessment - Practical	--	--	20	30	50	2	Practical
03060305	Environmental Science	20	30	--	--	50	2	
03060306	Evaluative Clinical Practice			50	--	50	2	Practical
03060307	Ergonomics	40	60	--	--	100	4	Elective

FOURTH SEMESTER								
03060401	Pharmacology	40	60	--	--	100	4	
03060402	Biomechanics-II	40	60	--	--	100	4	
03060402	Biomechanics - Practical-II	--	--	20	30	50	2	Practical
03060403	Exercise Therapy-II	40	60	--	--	100	4	
03060403	Exercise Therapy - Practical-II	--	--	20	30	50	2	Practical
03060404	Manual Therapy	40	60	--	--	100	4	
03060404	Manual Therapy - Practical	--	--	20	30	50	2	Practical
03060405	Basics of Radio Physics	40	60	--	--	100	4	
03060405	Basic of Radio Physics - Practical	--	--	20	30	50	2	Practical
03060406	Evaluative Clinical Practice	--	--	50		50	2	Practical
03060407	Geriatric Rehabilitation & Care	40	60	--	--	100	4	Elective

03060407	Geriatric Rehabilitation & Care	40	60	--	--	100	4	Elective
FIFTH SEMESTER								
03060501	General Medicine with Pediatrics -I	40	60	--	--	100	4	
03060501	General Medicine with Pediatrics - Practical-I	--	--	20	30	50	2	Practical
03060502	General Surgery with Obstetrics & Gynecology-I	40	60	--	--	100	4	
03060502	General Surgery with Obstetrics & Gynecology - Practical-I	--	--	20	30	50	2	Practical
03060503	General Orthopaedics-I	40	60	--	--	100	4	
03060503	General Orthopaedics - Practical-I	--	--	20	30	50	2	Practical
03060504	Neurology-I	40	60	--	--	100	4	
03060504	Neurology - Practical-I	--	--	20	30	50	2	Practical
03060505	Evaluative Clinical Practice	--	--	50		50	2	Practical
SIXTH SEMESTER								
03060601	General Medicine with Geriatrics-II	40	60	--	--	100	4	
03060601	General Medicine with Geriatrics - Practical-II	--	--	20	30	50	2	Practical
03060602	General Surgery with ENT & Ophthalmology-II	40	60	--	--	100	4	
03060602	General Surgery with ENT & Ophthalmology - Practical-II	--	--	20	30	50	2	Practical
03060603	General Orthopaedics-II	40	60	--	--	100	4	
03060603	General Orthopaedics - Practical-II	--	--	20	30	50	2	Practical
03060604	Neurology	40	60	--	--	100	4	
03060604	Neurology - Practical	--	--	20	30	50	2	Practical
03060605	Evaluative Clinical Practice	--	--	50		50	2	Practical

SEVENTH SEMESTER

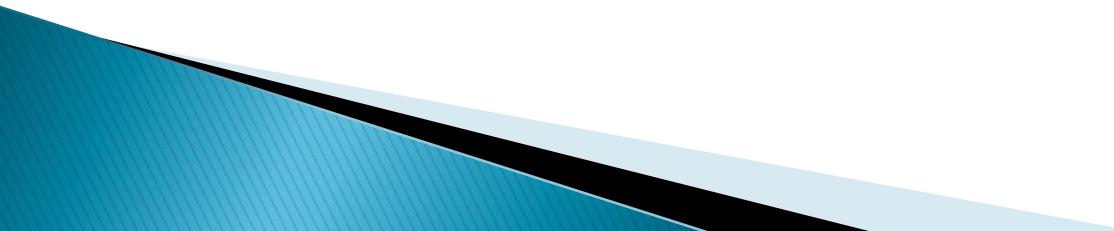
03060701	Physiotherapy in Cardio Respiratory Diseases	40	60	--	--	100	4	
03060701	Physiotherapy in Cardio Respiratory Diseases - Practical	--	--	20	30	50	2	Practical
03060702	Physiotherapy in Orthopedics-I	40	60	--	--	100	4	
03060702	Physiotherapy in Orthopedics - Practical-I	--	--	20	30	50	2	Practical
03060703	Physiotherapy in Neurology-I	40	60	--	--	100	4	
03060703	Physiotherapy in Neurology - Practical-I	--	--	20	30	50	2	Practical
03060704	Physiotherapy in Sports Injuries	40	60	--	--	100	4	
03060704	Physiotherapy in Sports Injuries - Practical	--	--	20	30	50	2	Practical
03060705	Research Methodology	20	30	--	--	50	2	Elective
03060706	Evaluative Clinical Practice	--	--	50		50	2	Practical

EIGHTH SEMESTER

03060801	Physiotherapy in General Medicine & Surgical Conditions	40	60	--	--	100	4	
03060801	Physiotherapy in General Medicine & Surgical Conditions - Practice	--	--	20	30	50	2	Practical
03060802	Physiotherapy in Orthopedics-II	40	60	--	--	100	4	
03060802	Physiotherapy in Orthopedics - Practical-II	--	--	20	30	50	2	Practical
03060803	Physiotherapy in Neurology-II	40	60	--	--	100	4	
03060803	Physiotherapy in Neurology - Practical-II	--	--	20	30	50	2	Practical
03060804	Rationale of Rehabilitation & Physiotherapy Ethics	40	60	--	--	100	4	
03060804	Rationale of Rehabilitation & Physiotherapy Ethics - Practical	--	--	20	30	50	2	Practical
03060805	Biostatistics	20	30	--	--	50	2	Elective
03060806	Evaluative Clinical Practice	--	--	50		50	2	Practical

► **The overall weight age of the MPT Program is -
108 credits**

MASTER OF PHYSIOTHERAPY								
Paper Code	Nomenclature	Theory		Practical		Total	Credits	
		Internal	External	Internal	External			
FIRST SEMESTER								
03070101	Review of Human Sciences-I	40	60	--	--	100	4	
03070102	Review of Basic Sciences-I	40	60	--	--	100	4	
03070103	Applied Electro Therapy	40	60	--	--	100	4	
03070103	Applied Electro Therapy - Practical	--	--	20	30	50	2	Practical
03070104	Review of Basic Biomechanics	40	60	--	--	100	4	
03070105	Research Methodology	40	60	--	--	100	4	
03070106	Evaluative Cliniccal Practice	--	--	100	--	100	4	Practical
03070107	Seminar/Case/Journal Presentation	--	--	40	60	100	4	Practical
SECOND SEMESTER								
03070201	Review of Human Sciences-I	40	60	--	--	100	4	
03070202	Review of Basic Sciences-I	40	60	--	--	100	4	
03070203	Applied Exercise Therapy	40	60	--	--	100	4	
03070203	Applied Exercise Therapy - Practical	--	--	20	30	50	2	Practical
03070204	Applied Biomechanics & Ergonomics	40	60	--	--	100	4	
03070205	Biostatics	40	60	--	--	100	4	
03070206	Evaluative Clinical Practice	--	--	100	--	100	4	Practical
03070207	Seminar/Case/Journal Presentation	--	--	40	60	100	4	Practical
THIRD SEMESTER								
03070301	Assessment & Diagnosis in Cardiopulmonary Conditions	40	60	--	--	100	4	
03070302	Medical & Surgical Management in Cardiopulmonary Conditions	40	60	--	--	100	4	
03070303	Physiotherapy Management in Cardiopulmonary Conditions	40	60	--	--	100	4	
03070304	Practical in Cardiopulmonary Conditions in Cardiopulmonary Conditions	--	--	40	60	100	4	Practical
03070305	Evaluative Clinical Practice	--	--	100	--	100	4	Practical
03070306	Seminar/Case/Journal Presentation	--	--	40	60	100	4	Practical
FOURTH SEMESTER								
03070401	Professional Development- I	40	60	--	--	100	4	
03070402	Professional Development- II	40	60	--	--	100	4	
03070403	Dissertation in Cardiopulmonary Conditions	--	--	80	120	200	8	Practical
03070404	Evaluative Clinical Practice	--	--	100	--	100	4	Practical
03070405	Seminar/Case/Journal Presentation	--	--	40	60	100	4	Practical

- ▶ **The overall weight age of the BPT Program is - 232 credits and the course credits are assigned specifically in the Study Scheme of this program.**
 - ▶ **The evaluation of students in a course shall have two components unless specifically stated otherwise in the Study Scheme:**
 - ▶ **(i) Evaluation through a semester-end examination (Summative Assessment)-60 %**
 - ▶ **(ii) Continuous Evaluation by the teacher(s) of the course (Formative Assessment)-40%**
- 

SUMMER AND WINTER BREAK ASSIGNMENTS

SMALL PROJECTS

- ▶ **CASE STUDIES**
- ▶ **SURVEYS**

Summer and winter break assignments to students

SR.NO.	STUDENTS NAME	TOPICS
1	ARUSHIKANT SAXENA	Mechanism of Cough
2	RITIKA SUJI	History taking
3	PRATEEK YADAV	Breathing Exercises
4	SUMIT	Special Test of Cervical Spine Assessment
5	RUCHI AGGARWAL	Upper Limb and Lower Limb Dermatome
6	OMANSH BHARDWAJ	Assisted Coughing
7	YASHIKA YADAV	Co-ordination Exercises
8	EQRA NIGAR	Group Exercises
9	KIRTI GUPTA	Knee Menisci
10	REETIKA	Good and Bad Posture
11	NANCY ROHILLA	Upper Limb Stretching Exercises
12	SOMI ALI	Reflexes
13	BHAWNA	Neck Stretching Exercises
14	PULKITA SRIVASTAVA	Back Stretching Exercises
15	DIMPLE SONI	Lower Limb Stretching Exercises
16	ANKIT GUPTA	Ergonomics While Lifting
17	KANNU PRIYA	Mechanism of Respiration
18	SURBHI SWARUP	Relaxation
19	MONIKA SINGH	Progressive Resisted Exercises
20	KHUSHBOO	Thoracic Spine Assessment
21	PRERNA PANDAY	Special Test of Lumbar Spine Assessment
22	VARSHA	Ergonomics While Working on Computer
23	KUNIKA KHANNA	Special Test of Sacroiliac Joint
24	KIRAN DAGAR	Special Test of Hip Joint
25	SHWETA	Core- Strengthening Exercises
26	HIMANSHI	Cyriax Friction Massage
27	APARNA SHARMNA	Therapeutic Gymnasium
28	PARUL SHARMA	Myofascial Pain Syndrome
29	MOHIT GOTHWAL	
30	AAYUSHI	Sliding Filament Theory of Muscle contraction

31	KASHISH	Pain Assessment
32	DEEPAK KUMAR	Cervical <u>Radiculopathy</u>
33	GEETA YADAV	Special Test of Knee Joint
34	PRIYANKA CHAUHAN	Special Test of Ankle Joint
35	LAXMI	Special Test of Elbow and Wrist Joint
36	SIMRAN	Thoracic Outlet Syndrome
37	SAKSHI	Posture Assessment
38	NANCY SHARMA	Static and Dynamic Shoulder Stabilizer
39	MANMEET KAUR	Role of Exercises in Health Promotion
40	NAMITA	<u>Lumbopelvic Rhythm</u>
41	NAMRITA GAUTAM	Hydrotherapy
42	APOORVA	Neck Disability Index
43	KHUMANSHI YADAV	Special tests of Shoulder joint
44	AJAY KUMAR	End Feel
45	SHALOO	Rotator Cuff <u>Impingement</u>
46	HEMANT	Gait Training
47	ISHITA	Modified <u>Owestry</u> Disability Index
48	MOHIT KUMAR	Straight Leg Raise Test
49	RAHUL	SLUMP Test
50	<u>Abhishek</u> GUPTA	Causes of <u>Low</u> Back Pain
51	NEHA	Lumbar Spine Muscle
52	ABHISHEK KAUL	Cervical Spine Muscle

METHODS OF EVALUATION

Methods of Evaluation

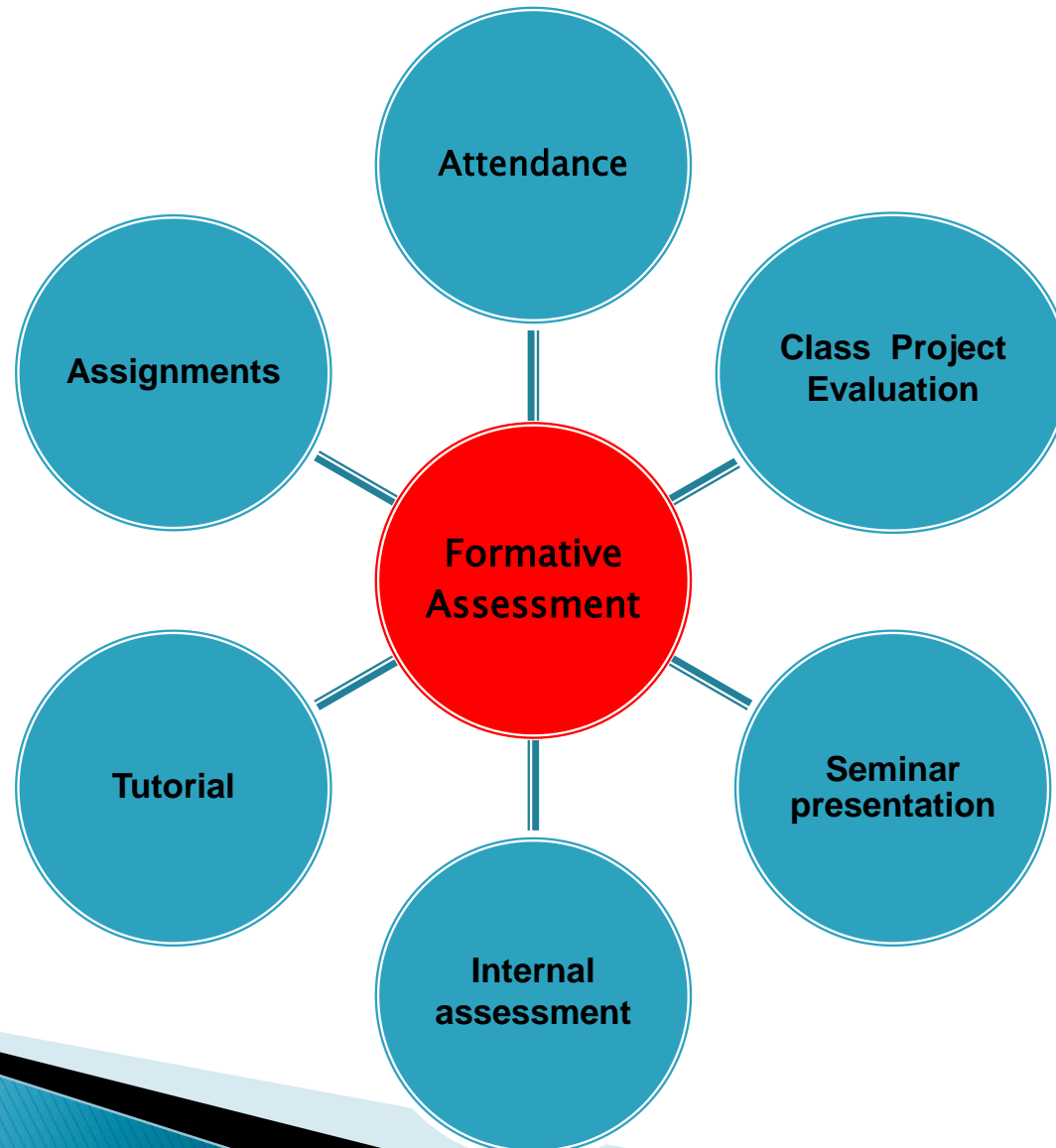
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graph TD; A[Methods of Evaluation] --> B[Formative Assessment]; A --> C[Summative Assessment];
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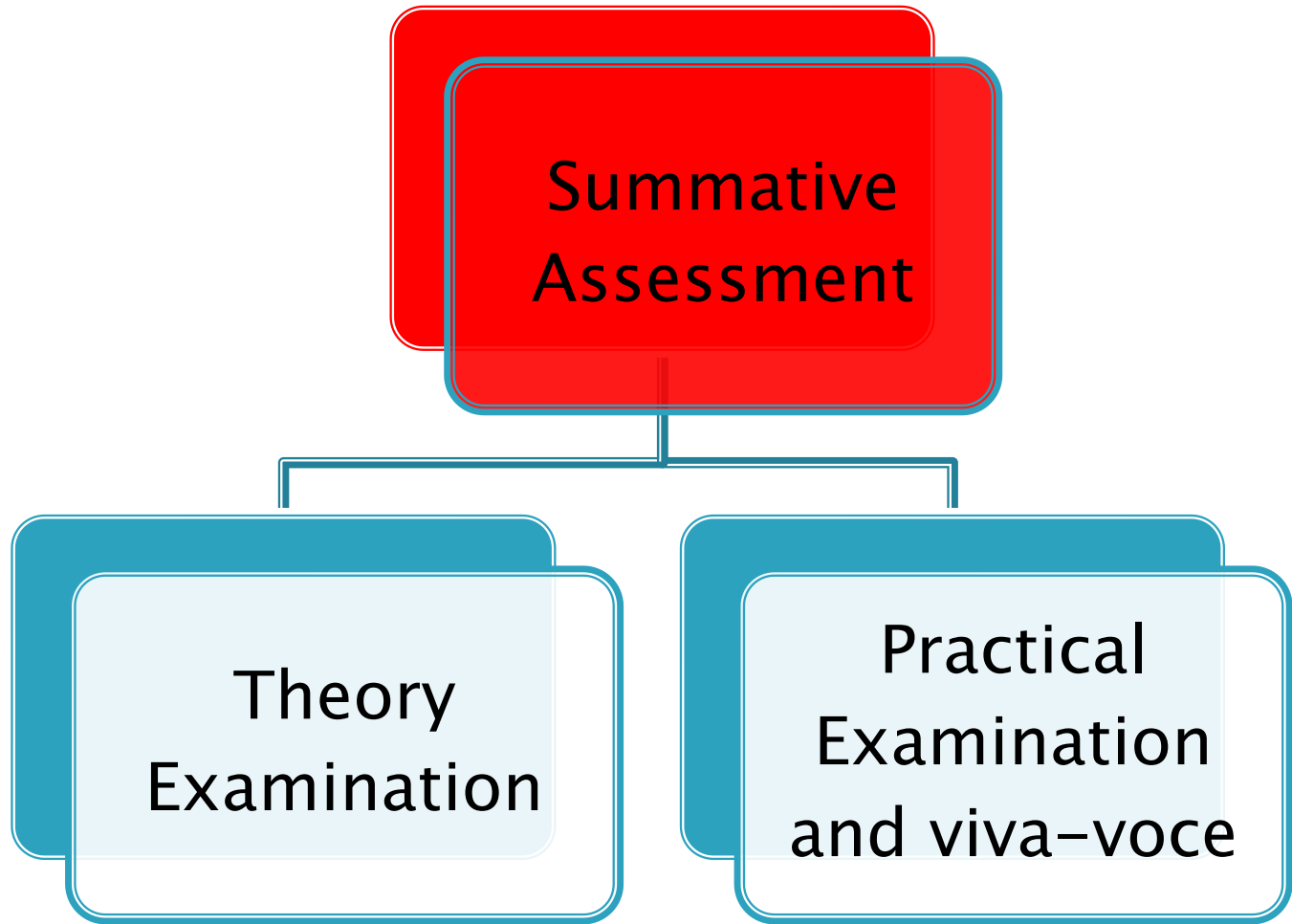
Formative
Assessment

Summative
Assessment

Formative Assessment

Learning progress of students is monitored through :





Examination methodology

For Subjects Max Marks: 100 (60 Summative + 40 Formative)

<u>S.No.</u>	Type of Question	Part	Total No. of Question	No. of Question to be attempted	Marks for each question	Total marks
1.	Long Essay type	A	01	01	7	7
2.	Short Note		04	02	4	8
3.	Definitions		05	05	01	5
4.	Differentiation		03	03	02	6
5.	Problem Based Question		03	02	02	4
6.	Single Response Questions	B	10	10	01	10
7.	True And False		05	05	01	05
8.	Multiple Response Questions		05	05	01	05
9.	Matching Questions		05	05	01	05
10.	Sequencing		05	05	01	05
Grand totals						60

For Subjects Max Marks: 50 (30 Summative + 20 Formative)



<u>S.No</u>	Type of Question	Part	Total No. of Question	No. of Question to be attempted	Marks for each question	Total marks
1.	Long Question	A	01	01	5	05
2.	Short Note		04	02	2	04
3.	Definitions		04	04	01	04
4.	Problem Based Question		03	02	01	02
5.	Single Response Questions	B	10	10	0.5	05
6.	True And False		05	05	0.5	2.5
7.	Multiple Response Questions		05	05	0.5	2.5
8.	Matching Questions		05	05	0.5	2.5
9.	Sequencing		05	05	0.5	2.5
Grand totals						30

GRADING SYSTEM

expected to be in given table.

A grading system for Letter Grade Point Percentage of marks:

	Grade	Percentage of marks
O (Outstanding)	10	Marks ≥ 80 and Marks ≤ 100
A+ (Excellent)	9	Marks ≥ 70 and Marks < 80
A (Very Good)	8	Marks ≥ 65 and Marks < 70
B+ (Good)	7	Marks ≥ 60 and Marks < 65
B (Average)	6	Marks ≥ 55 and Marks < 60
C (Pass)	5	Marks ≥ 50 and Marks < 55
F (Fail)	0	Marks < 50
<u>Ab</u> (Absent)	0	0

- (i) The student who secures 50% marks in aggregate with a minimum of 50% in theory including orals and a minimum of 50% marks in practicals/clinical shall be declared to

11

- have passed.
- (ii) The student who secures less than 50% marks either in theory including orals or in practical/clinical or both shall be declared to have failed.

Analysis of Result

Examination Held in June 2017

Year	% age of Result
BPT-1 st Year	65.35
BPT-2 nd year	60.38
BPT-3 rd Year	76.08
BPT-4 th Year	75

Examination Held in January 2018

Year	% age of Result
BPT-1 st Semester	59.21
MPT-1 st Semester	66.66

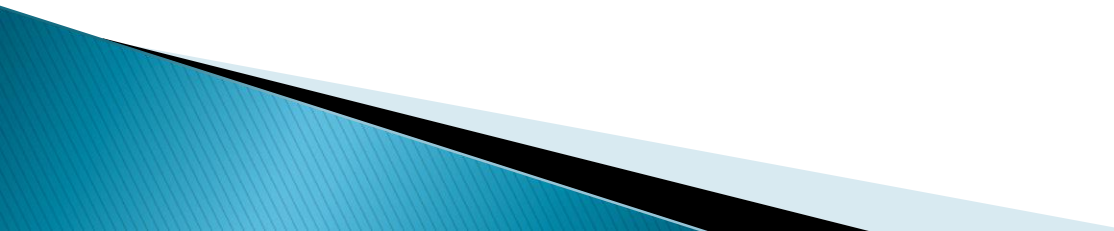
Extra- Curricular Activities

- **Farewell Party of Batch -2013 on 17th August 2017**
 - **Teacher's Day Celebration-5th September 2017**
 - **Fresher's Party of Batch 2017 on 24th October 2017**
 - **Student Excursion to Dharmshalla, Dalhausie, Amritsar from 12th November to 17th November**
 - **Participation of students in Symphonious, Holi Fest**
 - **Student Excursion to Craft Mela Surajkund on 10th February 2018**
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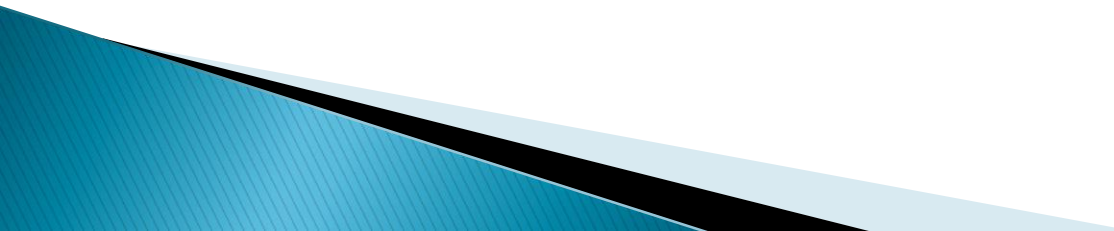
S no	Name of the students	Awarded /honoured	Conference national/international	year
1	BPT 4 TH year (<u>Rishika</u> , <u>Uma</u> and <u>Rabina</u>)	2 nd prize in Quiz Competition	5 th International Conference of Physical Therapy held (INCPT) at AIIMS	December 2016
2	BPT 4 TH year (<u>Rishika</u> and <u>Rabina</u>)	1 st and 3 rd prize in Poster competition in the conference.	World <u>Laposcopic</u> Hospital	April 2017
3	BPT 3 rd year <u>Imran Khan</u>	Best Bowler in 2 nd edition of <u>Valient</u> Premier <u>League(VPL)</u> .	National level Cricket Match	November 2016
4	BPT 3rd yr <u>Basudeo Rajbhor</u>	Was ranked in first 20 students from all over <u>india</u> (All India Talent Hunt in Physiotherapy)	<u>Pratibha Rattan</u> <u>Bhumi Pvt Ltd</u> in association with APSIC(Advanced Physiotherapy and Sports Injury Centre)	March 2017

NAME	AWARD	CONFERENCE	YEAR
Ms Juhi	2 nd prize poster competetion	NEUROCONNEC T MAX HOSPITAL SAKET	DEC 2017
Ms. Mona	1 st prize paper presentation	IOMPT-CON	MARCH2018
MS. RISHIKA, MS NIDHI, MS UMA	2 ND PRIZE QUIZ COMPETETION	IOMPT-CON	MARCH2018
Ms Rishika, Ms Shalu, Ms. Damanpreet. Ms. Karishma, Mr akshay, Mr. Shivam	2 nd prize Quiz Competition	2 nd Gurgaon Physiotherapy Conference	APRIL 2018
Ms Daman, Ms Karishma, Mr Akshay	1 st Prize poster competition	2 nd Gurgaon Physiotherapy Conference	APRIL 2018

Mentor Mentee Program

- ▶ **Every alternate Mondays**
 - ▶ **Flexible timings for mentor**
 - ▶ **20-25 students per mentor**
 - ▶ **Mentor Mentee's Diary**
 - ▶ **Remedial actions**
- 

Reasearches

- ▶ **Currently 7 Researches are going on in department**
 - ▶ **2 proposals have been submitted to DST(SERB) for Research grant.**
 - ▶ **4 PhD Research proposals have been submitted**
 - ▶ **6 MPT Research Proposals**
- 

PUBLICATIONS

NATIONAL

6

INTERNATIONAL

6

DISSERTATION COMPLETED

ORTHO PHYSIOTHERAPY

2

NEURO PHYSIOTHERAPY

1

CARDIO PHYSIOTHERAPY

1

ON GOING DISSERTATION

ORTHO PHYSIOTHERAPY

2

CARDIO PHYSIOTHERAPY

1

NEURO PHYSIOTHERAPY

1

SPORTS PHYSIOTHERAPY

2

Conferences/ Seminar/ Workshops/ Symposiums Organized

Date	Conference	Seminars	Workshops
18 th Feb 2017		Respiratory Physiotherapy– Its Practice & Scope	
23rd–24 th March 2017			Neuro Developmental Therapy for Adult Hemiplegia
5 th Sept 2017		Prevention of Spinal Cord Injuries	
9 th Sept 2017		Role of Physiotherapy in life style disorders	
12 th Sept 2017		Respiratory Intensive Care	
27 th Oct 2017			Treadmill Testing
7 th Dec 2017			Diagnosis & management of Lymph edema
6 th Dec 2017		Physical Therapy and the healing cascade	
9 th –10 th Dec 2017	6 th INCPT–AIIMS		
April 2018			Workshop on D

Seminar/ Conferences/ Workshops/ Symposiums

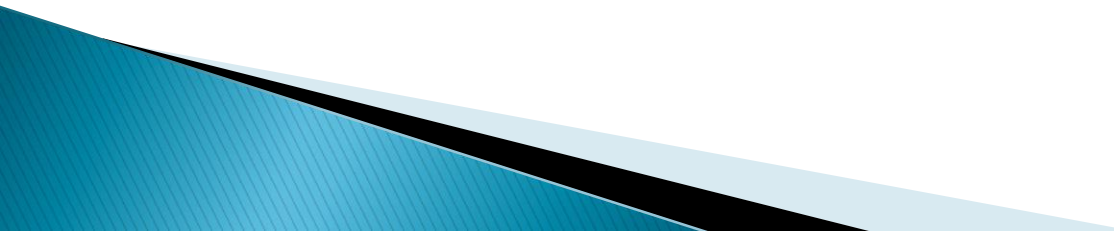
Participation and Presentation by Faculty

Events		Number
Seminars	PG Seminars	2 per week
	Within Faculty	5
	Outside Faculty	2
National Conference		7
International Conference		3
Workshops		6
Symposiums		–

National AND INTERNATIONAL Collaboration

- ▶ **Indian spinal injuries centre, New Delhi**
 - ▶ **Spastic Society, Gurugram**
 - ▶ **Karate Academy, Gurugram**
 - ▶ **VAN Tennis Academy, Gurugram**
 - ▶ **Artemis Hospital, Gurugram**
 - ▶ **Fortis Hospital, Gurugram**
 - ▶ **Medanta Hospital, Gurugram**
- 

New tie ups/Associations

- ▶ **Sir Ganga Ram Hospital**
 - ▶ **RK Khanna Stadium (Lawn Tennis), Dwarka**
 - ▶ **Dvalls Badminton Academy, Gurugram**
 - ▶ **Manipal Hospital**
- 

Proposed activity in next 2 months

- ▶ **2 days Osteopathy Workshop-May**
- ▶ **Talk on Anti Doping Measures in Sports**

Preparedness for next semester

- ▶ Syllabus revision under process
- ▶ Faculty
- ▶ Labs & Class Rooms-List of equipments has been sent for procurement